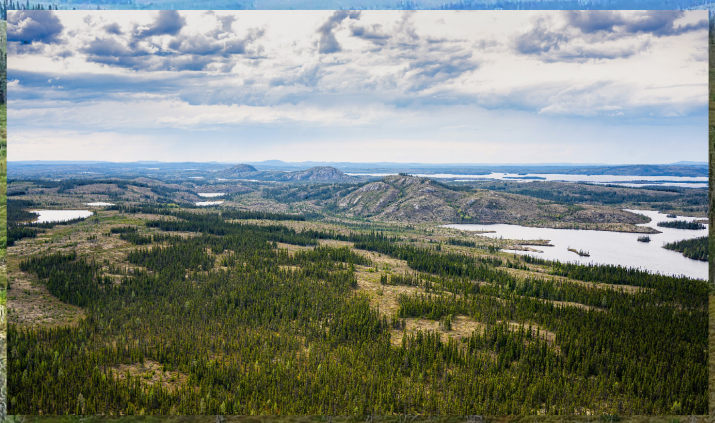
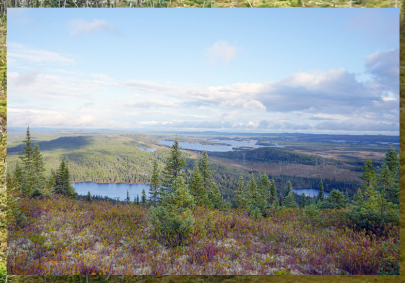
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Shaakichiuwaanaan Mining Project

SHAAKICHIUWAANAAN

Environmental Impact Assessment







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5-6 CONDEMNATION OF WASTE ROCK STOCKPILES 001 ET 002, SHAAKICHIUWAANAAN PROPERTY

CONDEMNATION OF WASTE ROCK STOCKPILES 001 & 002 SHAAKICHIUWAANAAN PROPERTY, QUEBEC

NTS SHEETS:
[33G08/09, 33H05/12]

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1. PROGRAM OBJECTIVE(S) & SUMMARY

The proposed Waste Rock Stockpiles 001 and 002 are situated approximately 1 to 1.5 km north of the CV5 Pegmatite. There locations were determined based on a trade-off evaluation by the Company's environmental and permitting team, and third-party consultants. Each proposed stockpile is situated outside of the principal mineralised trends identified on the Property to date. Although still within the greenstone belt, the area is considered to have relatively low potential for economic mineralization to be present (including base and precious metals, and LCT pegmatite).

Condemnation was completed using a combination of surface prospecting and diamond drilling. The objective was to determine if the proposed areas had reasonable potential to host mineralization of significance (i.e., potentially economic).

The surface work was completed during the summer of 2023 and the diamond drilling (5,465 m over 36 NQ holes) completed late-February and mid-April 2025. The surface work targeted surface mineralization through outcrop sampling using grid style prospecting while drilling (grid-based) focused on testing the potential at depth targeting various interpreted structures and geophysical anomalies. The work includes a review of existing geological data including prior surface sampling and drill results in close proximity to the two stockpiles.

While some intercepts returned elevated gold values, the mineralization is considered too localized to be economically significant. No LCT pegmatite mineralization of significance was returned.

2. PROPERTY DESCRIPTION & LOCATION

The Shaakichiuwaanaan Property, situated within NTS Sheets 33G08, 33G09, 33H05, and 33H012, is comprised of 463 Exclusive Exploration Rights ("EERs") that cover an area of approximately 23,710 ha and extends dominantly east-west for approximately 51 km as a nearly continuous, single claim grouping, with a smaller 7-claim grouping situated approximately 5 km

north of the principal claim grouping. The principal claim grouping is located approximately 220 km east of Radisson and 240 km north-northeast of Nemaska, Quebec, and its northern border located approximately 6 km to the south of the Trans Taiga Road and powerline infrastructure corridor. The La Grande-4 (LG4) hydroelectric dam complex is located approximately 40 km north-northeast of the Property (Figure 1). The EERs comprising the Property are listed in Appendix I.

The Property is situated within Category III Land within the Eeyou Istchee Cree Territory (Cree Nation of Chisasibi, and Cree Nation of Mistissini), as defined under the James Bay and Northern Quebec Agreement (JBNQA), and the Eeyou Istchee James Bay Regional Government ("EIJBRG") is the designated municipality for the region including the Property.

The Waste Rock Stockpiles 001 and 002 (herein referred to as Stockpiles 001 and 002), which are the subject of this report, are entirely situated within the Cree Nation of Chisasibi territory, approximately 1 to 1.5 km north of the CV5 Pegmatite and, therefore, central to the Property.

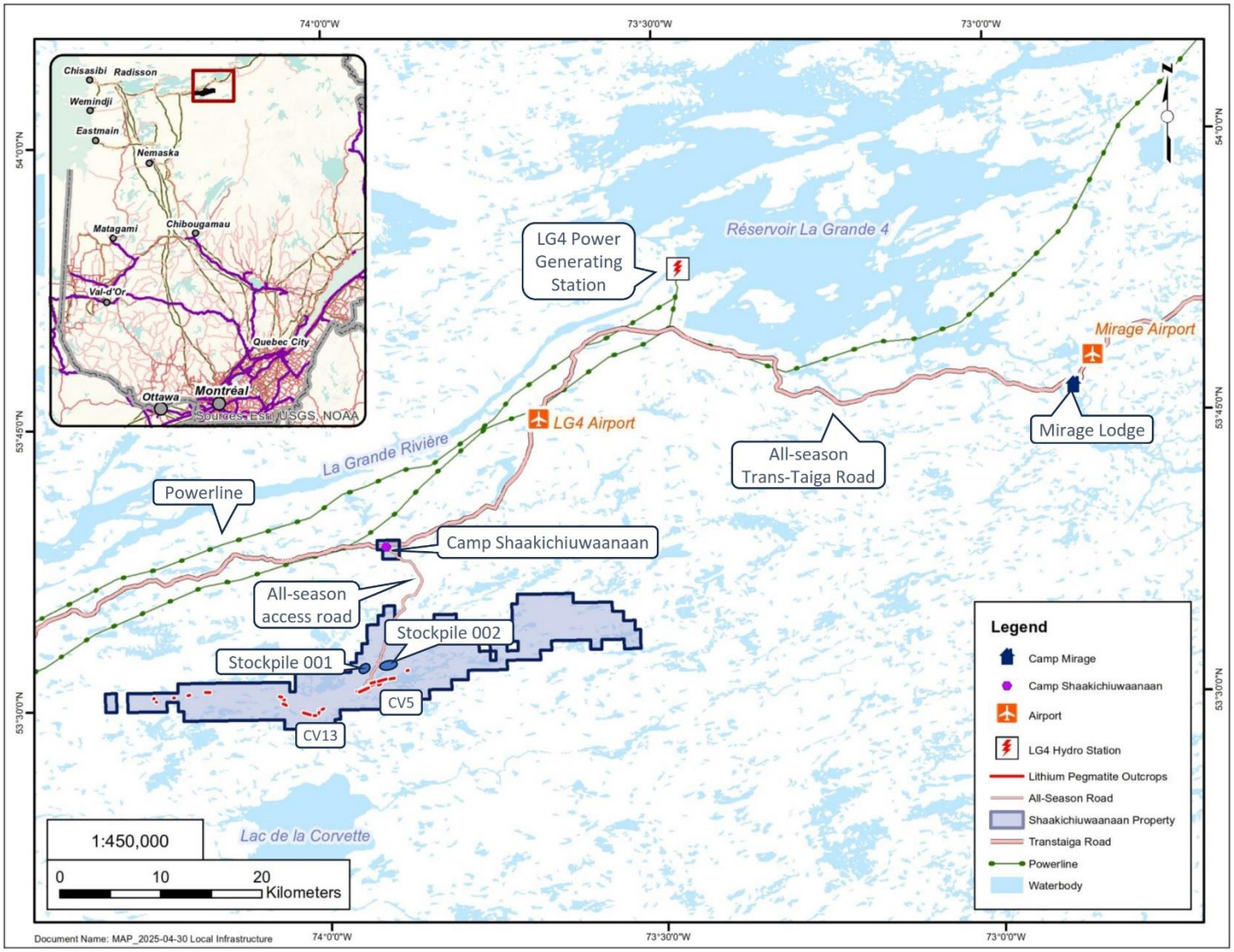


Figure 1: Property and Stockpile 001 & 002 locations.

3. GEOLOGICAL SETTING

A detailed discussion of the geology of the Property, including structure, is presented in the recent Technical Report for the Property. The following includes key aspects of the discussion focused on the area of the proposed Waste Rock Stockpiles 001 and 002.

3.1 REGIONAL GEOLOGY

The Shaakichiuwaanaan Property is situated within the Archean Superior Province of the Canadian Shield, which extends from Manitoba to Québec and covers approximately 750,000 km^2 of Québec. Within the region, the Superior Province is divided into four distinct sub-provinces based on their lithological, metamorphic, geophysical, and structural characteristics; Opatica, Nemiscau, Opinaca, and La Grande (Figure 2). The Property is situated within the central portions of the volcano-plutonic La Grande sub-province, proximal to the Opinaca sub-province to the south. The region is considered to have strong exploration potential for a variety of commodities including base and precious metals, and lithium (LCT pegmatite).

The La Grande sub-province is a volcano-plutonic assemblage oriented parallel to the Wemindji-Caniapiscau structural corridor (Houle, 2004). It consists of two main domains (Percival, et al., 2012); the Eastmain River Belt (Upper and Lower) and the La Grande River Belt. The Property is situated within the La Grande River (Greenstone) Belt, characterized by a volcano-sedimentary sequence. This belt occupies the older, more evolved, northern domain (Houle, 2004; Percival, et al., 2012) and is comprised of two supracrustal volcanic sequences (2750-2730 Ma) and interstratified metasediments. The lower basalt sequence sits unconformably atop the Mesoarchean basement (3360-2790 Ma) and locally overlies U-bearing pebble conglomerate, quartz arenite and minor carbonate (Roscoe & Donaldson, 1988; Goutier & Dion, 2004). The upper sequence is a result of crustal assimilation by komatiitic liquids. It is made up of felsic to intermediate volcanics, komatiite, volcanoclastic rocks, and iron formation capped by basalt and high-Mg andesite. This is a typical assemblage, especially in the Guyer-LG-4 sector (St-Seymour & Francis, 1988; Lucas & St-Onge, 1998).

The La Grande sub-province borders the plutonic Minto sub-province to the north and is bounded to the south by the metasedimentary and plutonic Opinaca sub-province (Lucas & St-Onge, 1998; Houle, 2004; Percival, 2007). Collectively, the La Grande and Opinaca sub-provinces host a significant number of the known spodumene pegmatite occurrences in Québec.

Regional metamorphism increases from greenschist facies in the centre of La Grande outwards to amphibolite facies in the north and southeast (Card, 1986; Houle, 2004). Steeply dipping structural trends transition from E-W in the southwest to NE-SW within northern La Grande, most of which developed between 2700 Ma and 2680 Ma (Percival, et al., 2012). A series of Proterozoic dykes, 2740-2680 Ma plutonic rocks, and the Paleoproterozoic Sakami Formation (siliciclastic infilled grabens) punctuates the Archean rocks (Houle, 2004; Percival, et al., 2012). Rich Ni-Cu occurrences, often with associated PGE and Cr, have also been found in komatiitic flows and ultramafic intrusions in the region (Houle, 2004).

3.2 PROPERTY GEOLOGY

The Property overlies a large portion of the Lac Guyer Greenstone Belt, considered part of the larger La Grande River Greenstone Belt, and is dominated by volcanic and sedimentary rocks metamorphosed up to amphibolite facies (Figure 2). The Property's principal claim group is dominantly host to rocks of the Guyer Group (amphibolite, iron formation, intermediate to mafic volcanics, peridotite, pyroxenite, komatiite, as well as felsic volcanic tuffs). The amphibolite and metasedimentary rocks that trend east-west (generally moderately to steeply south dipping) through this region are bordered to the north by the Magin Formation (conglomerate and wacke) and to the south by an assemblage of tonalite, granodiorite, and diorite, in addition to metasediments of the Marbot Group (conglomerate, wacke). Several regional-scale Proterozoic gabbroic dykes also cut through portions of the Property (Lac Spirit Dykes, Senneterre Dykes). The KCG claim block, located to the north of the principal claim group, is situated within the Bezier Suite (monzodiorite and granodiorite), and outside the Guyer Group.

The Li-Cs-Ta ("LCT") pegmatites on the Property, including those at CV5 and CV13, are hosted predominantly within amphibolites, metasediments, and ultramafic rocks of the Guyer Group within the principal claim group.

The geological setting is primarily prospective for gold, silver, base metals, platinum group elements, lithium, caesium, and tantalum over several different deposit styles including orogenic gold (Au), volcanogenic massive sulphide (Cu, Au, Ag), komatiite-ultramafic (Au, Ag, PGE, Ni, Cu, Co), and LCT pegmatite (Li, Cs, Ta). Additionally, in recent years, LCT pegmatites have been targeted as a potential primary or by-product source for Rb and Ga.

Exploration of the Property has outlined three primary mineral exploration trends (Figure 3), crossing dominantly east-west over large portions of the Property's principal claim group – Golden Trend (gold), Maven Trend (copper, gold, silver), and CV Trend (LCT Pegmatite). The Golden Trend is focused over the northern areas of the Property, the Maven Trend in the southern areas, and the CV Trend "sandwiched" between. Historically, the Golden Trend has received the exploration focus followed by the Maven Trend. However, the identification of the CV Trend and the numerous lithium-tantalum pegmatites discovered to date, represents a previously unknown LCT pegmatite district.

The CV LCT Pegmatite Trend is currently recognized as an approximate 1-km wide and 25+ km long corridor, which is host to numerous distinct LCT pegmatite occurrences, and extends in a general east-west direction across a significant portion of the Property. The LCT pegmatites along this trend may outcrop as isolated high relief 'whale-back' landforms or relatively low-relief to flat landforms.

To date, the LCT mineralization discovered on the Property has been confined to the CV Trend with nine distinct lithium pegmatite clusters having been discovered across the Property – CV4, CV5, CV8, CV9, CV10, CV12, CV13, CV14 and CV15. To date, the LCT mineralization discovered on the Property has been confined to the CV Trend. The Consolidated Mineral Resource Estimate ("Consolidated MRE") for the Project, which includes the CV5 and CV13 pegmatites, represents the principal area of the trend. The CV5 and CV13 pegmatites are situated along the same

geological trend, with strike lengths of approximately 4.6 km and 2.5 km, respectively, as defined by drilling to date. Both pegmatites remain open and are separated by a distance of roughly 2.6 km.

The waste rock Stockpiles 001 and 002 are situated north of the interpreted CV LCT Pegmatite and Golden trends in the area (Figure 3). Although situated within the wider greenstone belt, their location north of the interpreted principal mineralized trends (i.e., CV and Golden) is considered to have a relatively lower level of mineral potential.

3.3 PROPERTY MINERALIZATION

The lithium-caesium-tantalum mineralization at the Property is observed to occur within quartz-feldspar LCT pegmatites. The pegmatite is often very coarse-grained and off-white in appearance, with darker sections commonly composed of smoky quartz (impure SiO_2), and occasional muscovite and tourmaline (dravite / schorl), and lighter sections composed of dominantly feldspars (albite and microcline). Minor accessory and trace minerals may include beryl, chlorite, tantalite, lepidolite, and apatite.

Spodumene ($LiAlSi_2O_6$) is the dominant lithium mineral identified at all the lithium occurrences documented to date at the Property. Spodumene crystals range in size from centimetre-scale to metre-scale and have approached 2 m in length in drill core. Caesium is also present as is typical with LCT pegmatites (e.g., mica, feldspar) but may also occur at high-grades horizons in the mineral pollucite at CV13 and as more isolated pods at CV5. In addition to lithium and caesium, the pegmatites at Shaakichiuwaanaan typically carry a significant tantalum component, present in the form of tantalite. The tantalite is typically sub-millimetre in scale and not visible to the naked eye; however, may occur in up to half-centimetre clusters as a medium black to dark brown colour.

Mineralization at the golden Trend occurs dominantly in quartz-rich gossanous units. The most notable occurrence in the area is at the southwestern margin of Stockpile 002, where a small

boulder field with samples up to 38 g/t Au is located. This target was drilled in 2007; however, no significant results were returned.

Stockpiles 001 and 002 are located approximately 1 to 1.5 km north of the CV5 Pegmatite, and thus north of the CV LCT Pegmatite Trend. They are also interpreted to lie north of the Golden Trend, although this trend is less well defined in this part of the Property. The Maven Trend is concentrated in the western portion of the Property and has not been observed in the vicinity of the Stockpiles. In general, the area of the stockpiles is considered to have a relatively low level of mineral potential.

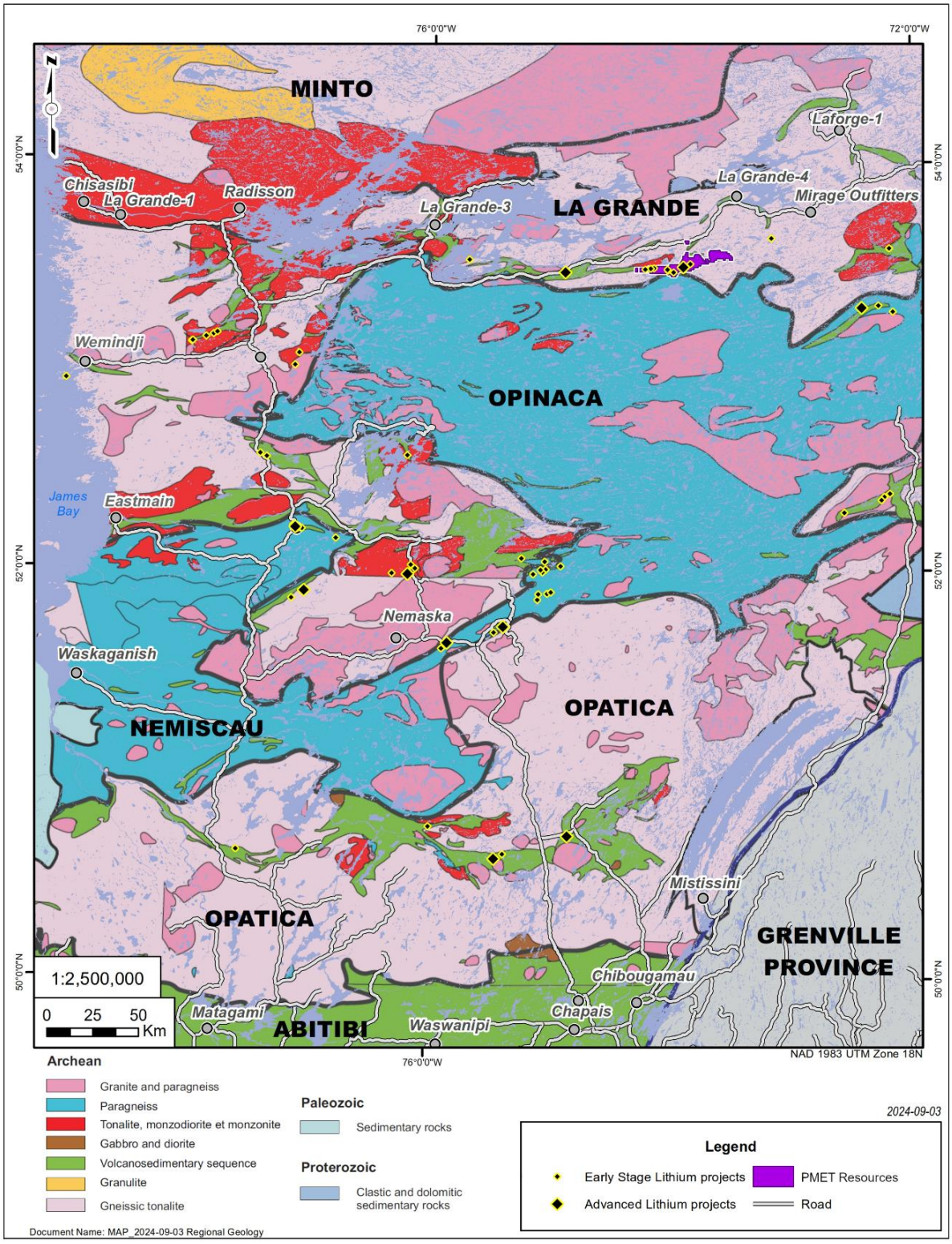


Figure 2: Regional geology.

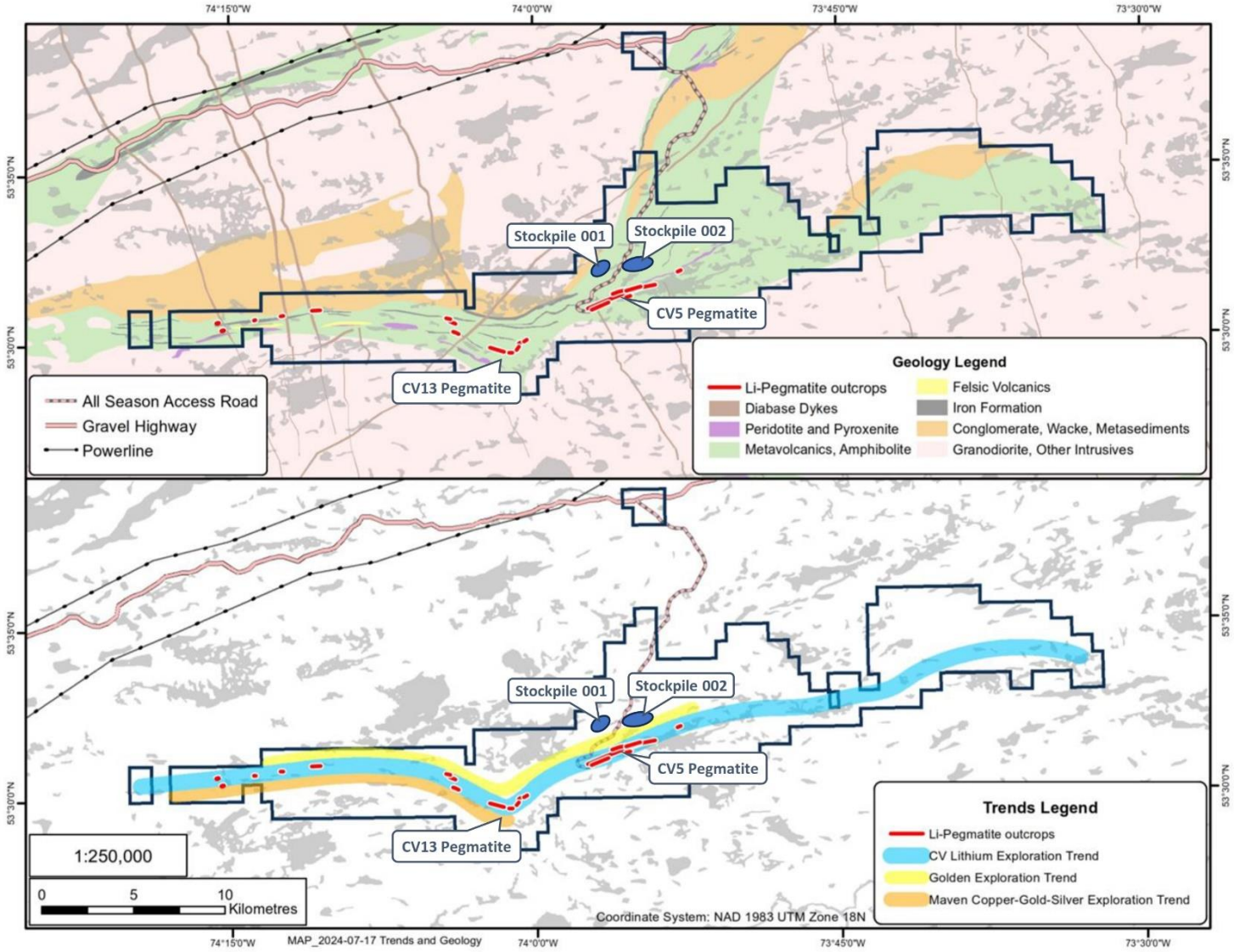


Figure 3: Property Geology and prospective trends with respect to Stockpiles 001 & 002.

4. CONDEMNATION WORK

4.1 SURFACE

In 2023, areas of the Stockpiles not previously prospected were traversed in a grid style at roughly 100 to 200 m spacing (Figure 5) The objective was to increase the geological knowledge in those areas and to ensure no mineralized outcrop of interest was likely to be present. The majority of Stockpile 001 was traversed in 2023 while most of Stockpile 002 had already been significantly traversed in 2019 during a prospecting and soil sampling program that followed up on several Au mineralized boulders initially discovered by Virgina Mines Inc.

At Stockpile 001, no lithium, caesium, tantalum, base metal, or precious metal mineralisation of significance at surface was discovered.

At Stockpile 002, no lithium, caesium, tantalum, or base metal mineralisation of significance at surface was discovered. However, two surface occurrences of gold are documented in in the immediate area. The first is named the “Boulder Field” Showing (Ouellette & Vachon, 2014), a less than 10 m wide area with several boulders returning anomalous assays up to 38 g/t Au. It is located on the stockpile’s southwestern margin. The second occurrence is located in the east-central area of the stockpile and is limited to an outcrop sample collected in 2019 of a small quartz vein which returned 1.4 g/t Au (the “New Lac Bruno” Showing).

No new surface discoveries were made in the areas of Stockpile 001 and Stockpile 002 during the surface exploration since 2019.

4.2 DRILLING

A total of 5,465 m (36 holes) of NQ size diamond drilling was completed between February 26 and April 14, 2025, across the locations of Stockpile 001 and 002. This drilling followed the surface work.

The drill plan was established based on multiple geological considerations in coordination with the Company's geological team and the independent geological team from BBA Inc. The objective was to 1.) test the know mineralized showings within Stockpile 002, 2.) test interpreted structures and lithological contacts with mineralization potential, 3.) test the different magnetic signatures and anomalies to reconcile with geological information, and 4.) cover both stockpile areas with a drill grid that would identify any significant sized mineralized zones. The drill core was systematically sampled for any potential mineralization of interest – including Li, Cs, Ta, as well as base and precious metals.

The majority of the drill holes were drilled typically at an orientation of 340 degrees – with a minority being oriented differently to target interpreted structures – and a dip of -45° to crosscut the interpreted regional geological fabric. Each hole was completed to a minimum estimated 100 m vertical depth from surface, which translated to a minimum length of approximately 141 m per hole (Figure 4).

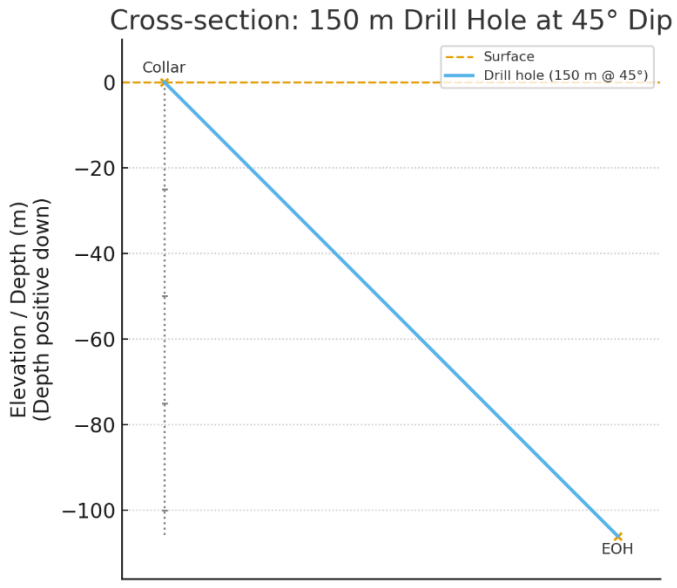


Figure 4: Schematic cross-section of angled drill holes to test 100 m vertical depth

A grid pattern of approximately 500 m along strike by 200 m perpendicular to strike was applied as a base pattern with modifications applied to test various interpreted lithologies and structures (Figure 5).

Hole collar locations (Appendix I) were determined using a Trimble RTK precision GPS and holes were cemented after drilling. All holes were logged according to the Project protocols, as outlined in the recently completed (Patriot Battery Metals Inc., 2025). Therefore, all pegmatite encountered was sampled as well as any other rock type that showed potential for mineralization, including critical, base, and precious metals. A total of 959 core samples were collected. Drilling was carried out by Forage & Construction Muskw Inc. of Hawkesbury, ON, and geological logging and sampling by Dahrouge Geological Consulting Ltd. with offices in Montreal and Edmonton, Canada.

A quality assurance / quality control ("QAQC") protocol following procedures applied throughout the wider 2025 drill campaign and industry best practices was incorporated into the program and included systematic insertion of quartz blanks and certified reference materials into sample batches at a rate of approximately 5% each. Additionally, analysis of pulp-split sample duplicates was completed to assess analytical precision, and external (secondary) laboratory pulp-split duplicates were prepared at the primary lab for subsequent check analysis and validation. A total of 199 QAQC samples were included.

All core and QAQC samples were shipped to SGS Canada's laboratory in Val-d'Or, QC, for standard sample preparation (code PRP90 Special) which includes drying at 105°C, crush to 90% passing 2 mm, riffle split 250 g and pulverize 85% passing 75 microns. The pulps were shipped by air to SGS Canada's laboratory in Burnaby, BC, where the samples were homogenized and subsequently analyzed for multi-element (including Li and Ta) using sodium peroxide fusion with ICP-AES/MS finish (code GE_ICM91A50). Additionally, gold was analyzed on select samples by fire assay (code GE_FAA30V5).

4.3 RESULTS & DISCUSSION

Notable analytical results of the surface sample and drilling are presented Figure 9 through Figure 10 and the core sample key is available in

Appendix II, geological logs in Appendix III, and assay results in Appendix IV. A summary follows. The locations of the drill holes over Stockpiles 001 and 002 are shown in Figure 6, the targeted features of each drill holes are shown in Figure 7 and Figure 8, Figure 10, Figure 12 over the regional geology and magnetic map respectively.

STOCKPILE 001

Multiple holes intersected pegmatite ranging from <2.0 m to 48.6 m core length; however, each was poorly mineralized with relatively high K/Rb ratios indicating they are not extremely fractioned. Lithium grades in pegmatite ranged from 0.001 % to 0.059 % Li_2O, caesium did not exceed 0.01 % Cs_2O, tantalum from <1 ppm to 211 ppm Ta_2O_5, and K/Rb ratios from 23 to 588. The highest lithium value, 0.13% Li_2O (sample CV848-026) was from a wacke (Magin Formation) situated in-between two pegmatite intervals (Figure 9). No holmquistite was observed. Several samples of well-mineralised Ta (~200 ppm Ta_2O_5) were collected from these pegmatite intervals; however, were over very short intervals (<3 m) and not associated with strong Li or Cs mineralization and therefore are not considered significant.

Note, as pegmatite is a very common rock type across the Property and in greenstone belts in general, it was not unexpected to intersect some in the condemnation drill holes. However, the lack of any significant LCT signature and associated mineralization in these pegmatite intervals

was as expected due to the locations of the drill holes being approximately 2 km north of the CV LCT Pegmatite Trend where all the LCT pegmatite clusters discovered on the Property to date are situated.

No rocks with anomalous base or precious metals were intersected in drill holes in Stockpile 001.

STOCKPILE 002

Stockpile 002 is situated approximately 500 m north of the historical Lac Bruno Showing (1.65 g/t Au in outcrop) and overlies the New Lac Bruno Showing (1.4 g/t Au in outcrop). The "Boulder Field" Showing (up to 38 g/t Au in boulder) is situated on the southwest margin of Stockpile 002 and is comprised of several Au mineralized boulders.

The Boulder Field target was historically drill tested with three (3) diamond drill holes in 2007 (FCI-07-004, FCI-07-005, FCI-07-006); however, only a small mineralized interval of 0.69 g/t Au over 0.5 m was intersected in FCI-07-004 (Oswald, 2008). Based on the results, it was concluded that either 1.) the source was intersected in drillhole FCI-07-004 and, as it was only 0.5 m in width, did not justify further work, or 2.) the source was not intersected in drill hole and therefore remains to be located. The 2025 condemnation drilling tested the area along strike with several drill holes with no significant mineralization returned. Considering the size of the boulder field and poor drill results historically and in 2025, the target is considered of low potential.

With respect to the New Lac Bruno Showing, located in the east-central area of Stockpile 002, two (2) drill holes were completed in 2025 to test the target. The best result returned was 0.7 m at 0.46 g/t Au in drill hole CV25-812 and is not considered significant.

Three (3) other drill holes completed at Stockpile 002 returned anomalous Au mineralization (Figure 11) and each situated at the margins of the pile – CV25-820 (0.5 m at 4.69 g/t Au), CV25-816 (1.4 m at 0.24 g/t Au), and CV25-869 (12.1 m at 0.38 g/t Au including 5.4 m at 0.72 g/t Au).

Drill hole CV25-820 is located at the southern edge of the eastern stockpile. Two 9 cm quartz-carbonate veins with 2% sulphides (arsenopyrite, pyrite and pyrrhotite) were analyzed in sample

CV820-004 and returned 4.69 g/t Au over 0.5 m. The shoulders of this sample were then sampled continuously over 6.8 m before the gold-bearing sample and 4 m after. There was no continuity in the mineralization outside of the quartz-carbonate-sulphide veins. Drill hole CV25-816, located approximately 200 m east of CV25-820 returned 1.4 m at 0.24 g/t gold in an iron formation unit.

Drill hole CV25-869 is located at the western edge of the Stockpile 002. It intersected an iron formation followed by a conglomerate with local sulphide mineralization. The entire iron formation as well as the mineralized intervals of the conglomerate were sampled and returned 12.1 m at 0.38 g/t Au including 5.4 m at 0.72 g/t Au in the iron formation. No other drill holes in the area returned significant mineralization.

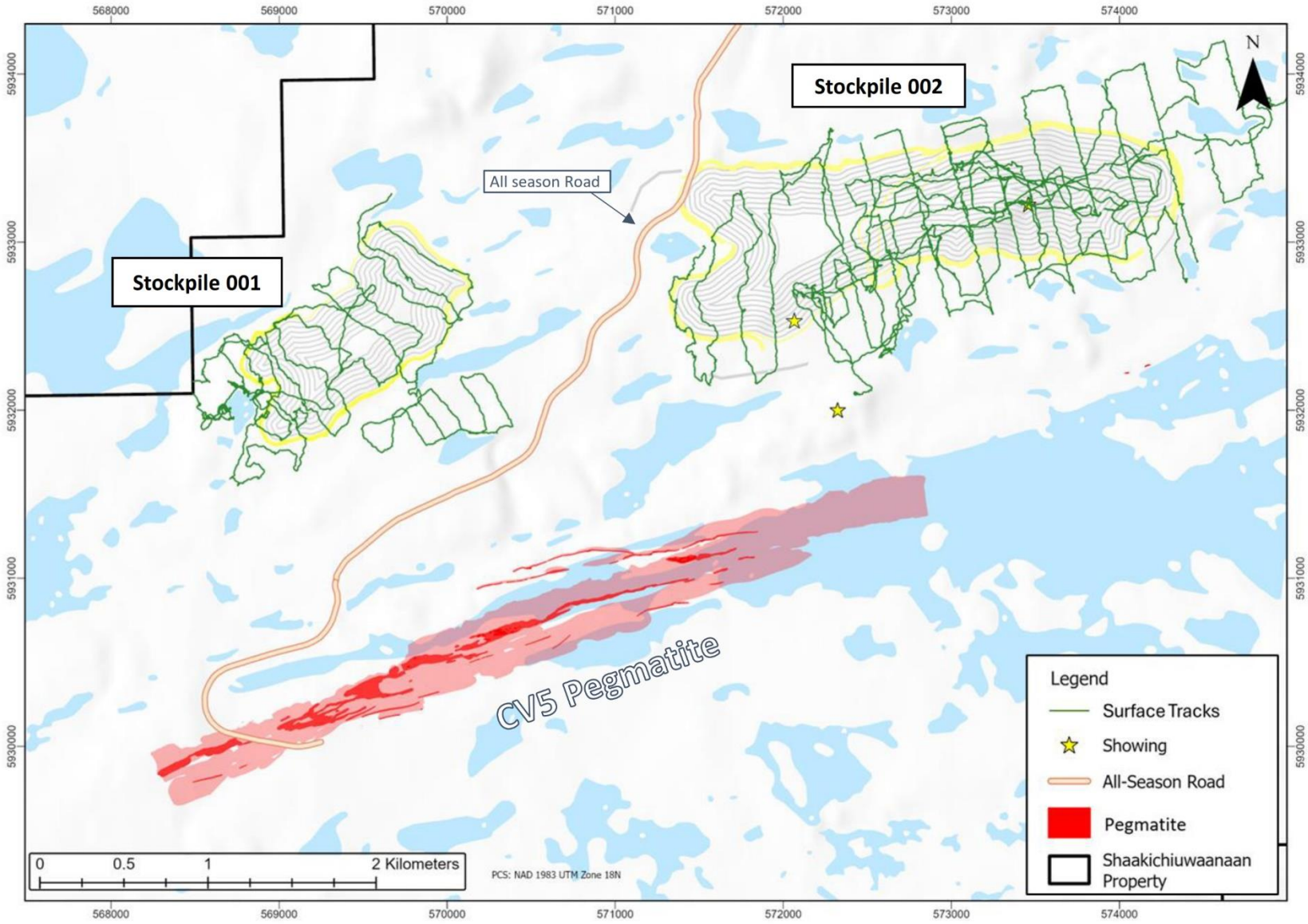


Figure 5: Geological traverses across Stockpiles 001 and 002.

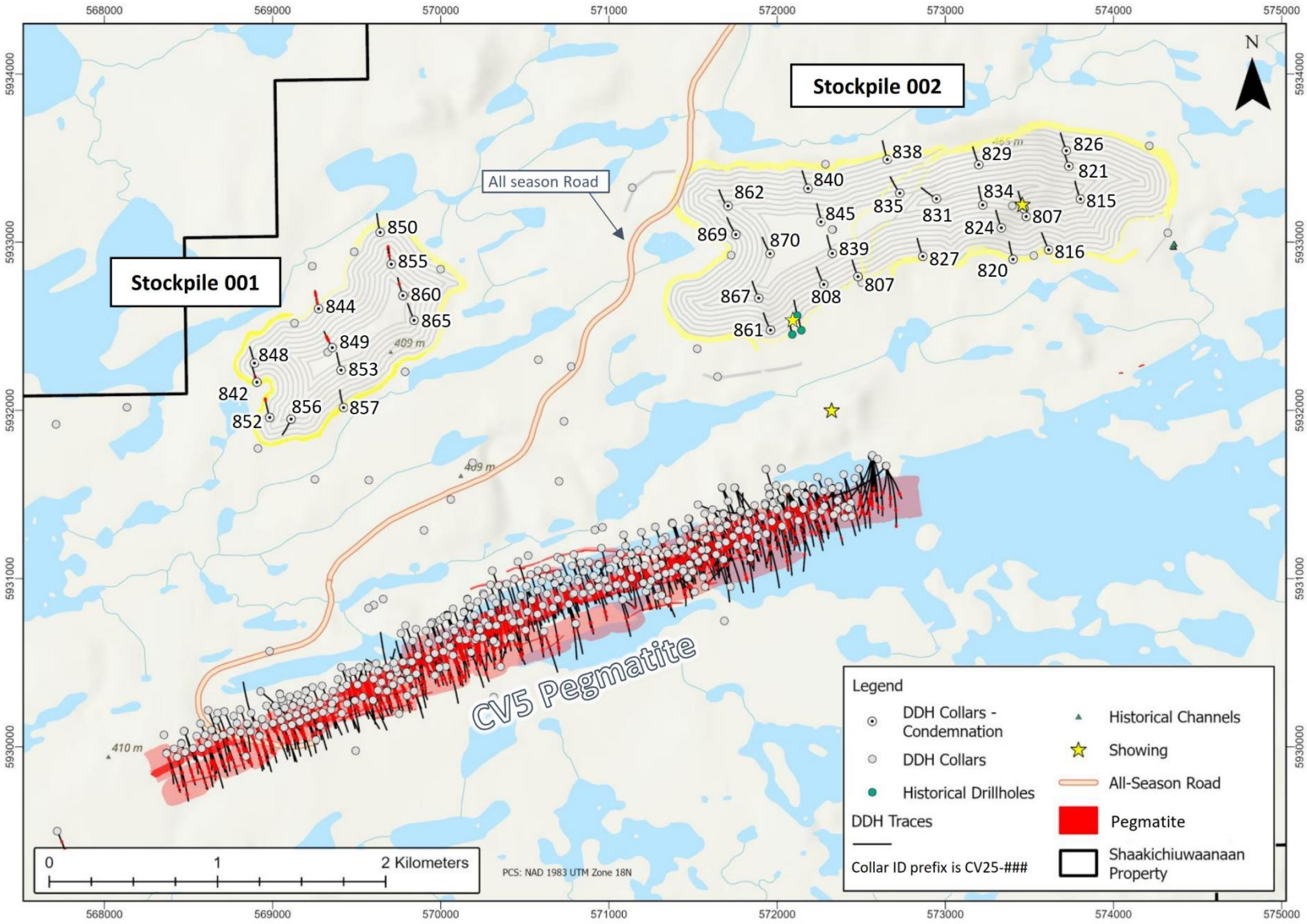


Figure 6: Condemnation drill hole locations over Waste Rock Stockpile 001 & 002.

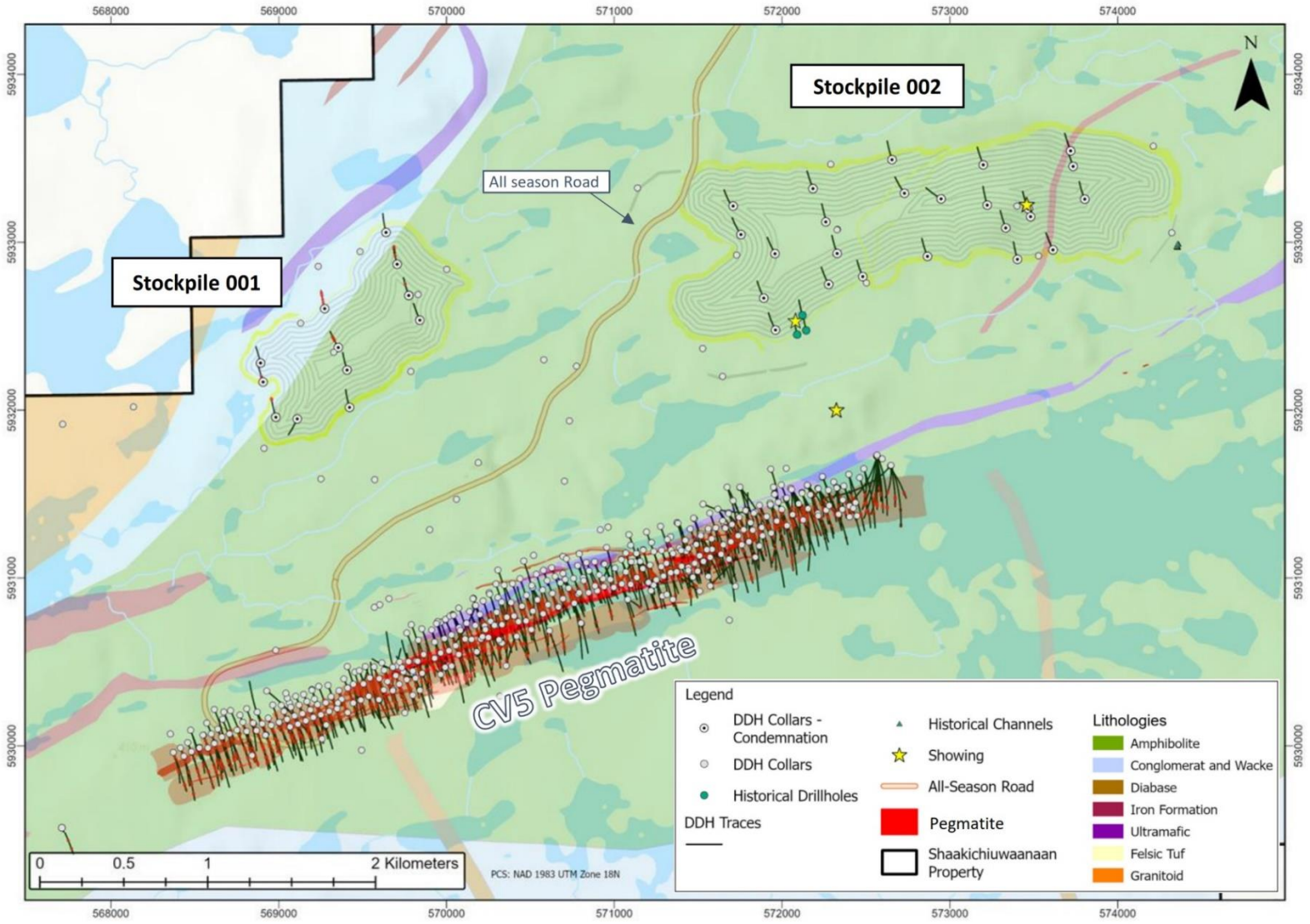


Figure 7: Local geology (SIGÉOM) with respect to Stockpile 001 and 002 locations.

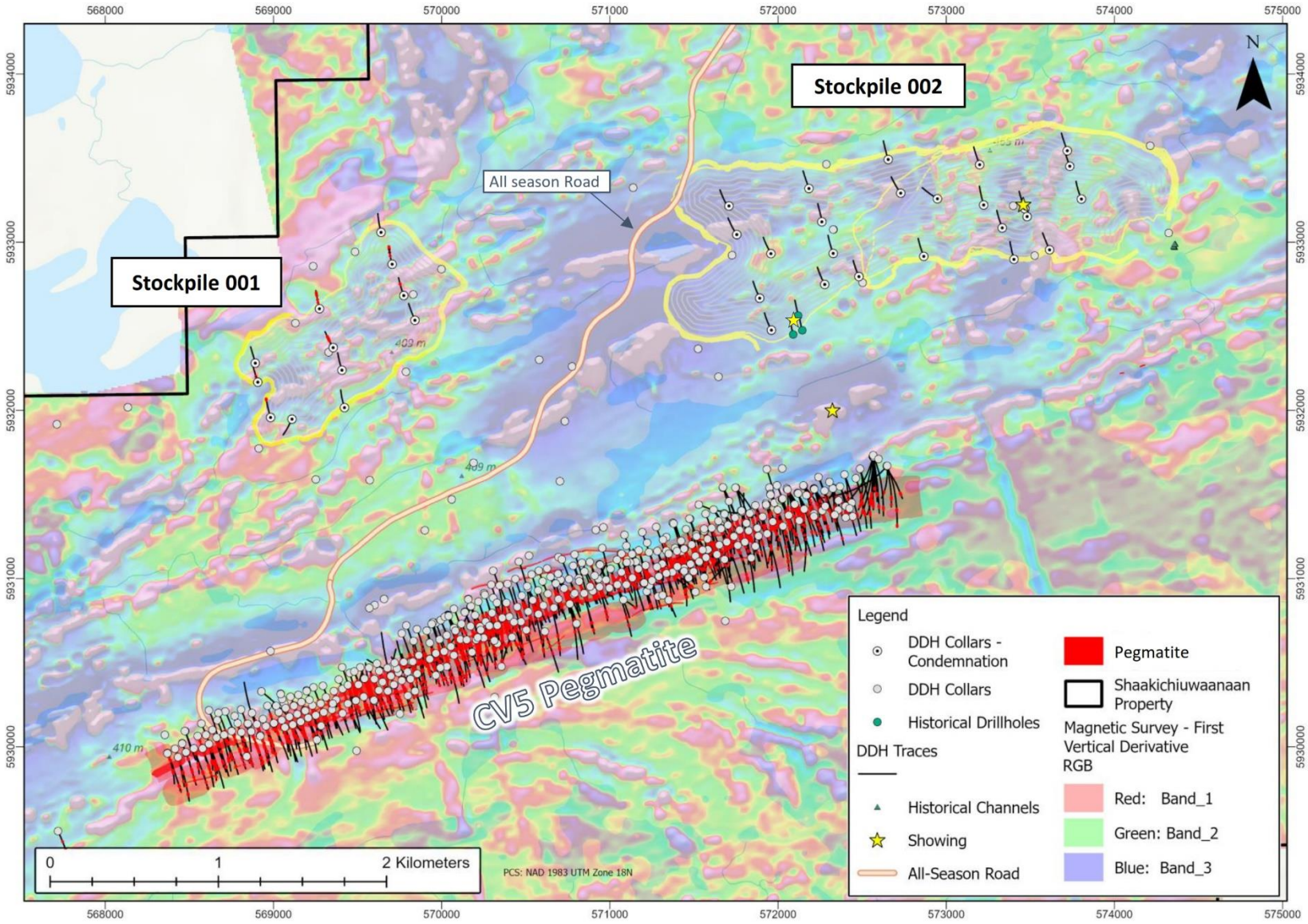


Figure 8: 1VD magnetics with respect to Stockpile 001 and 002 locations.

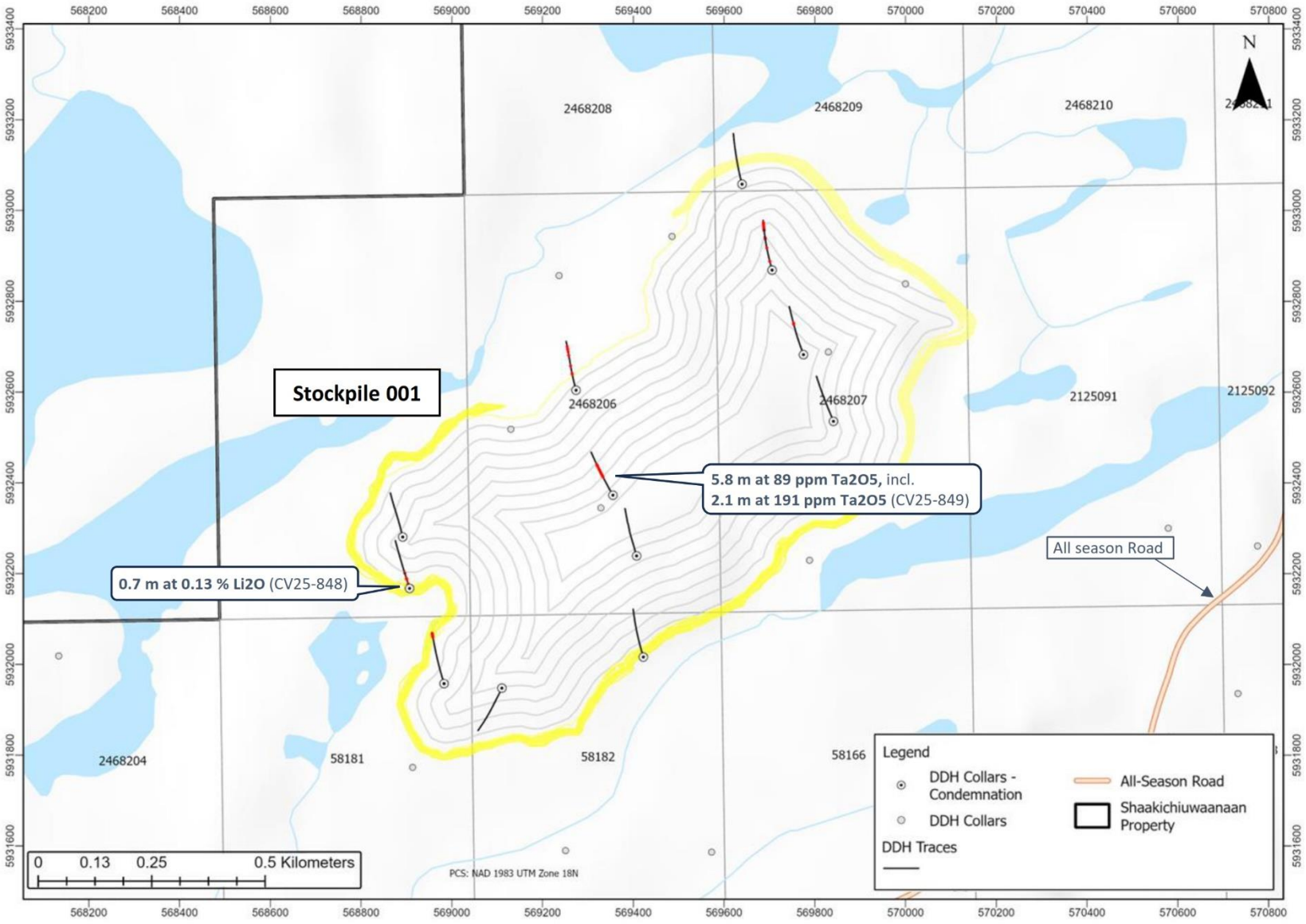


Figure 9: 2025 Notable mineralized occurrences at Stockpile 001

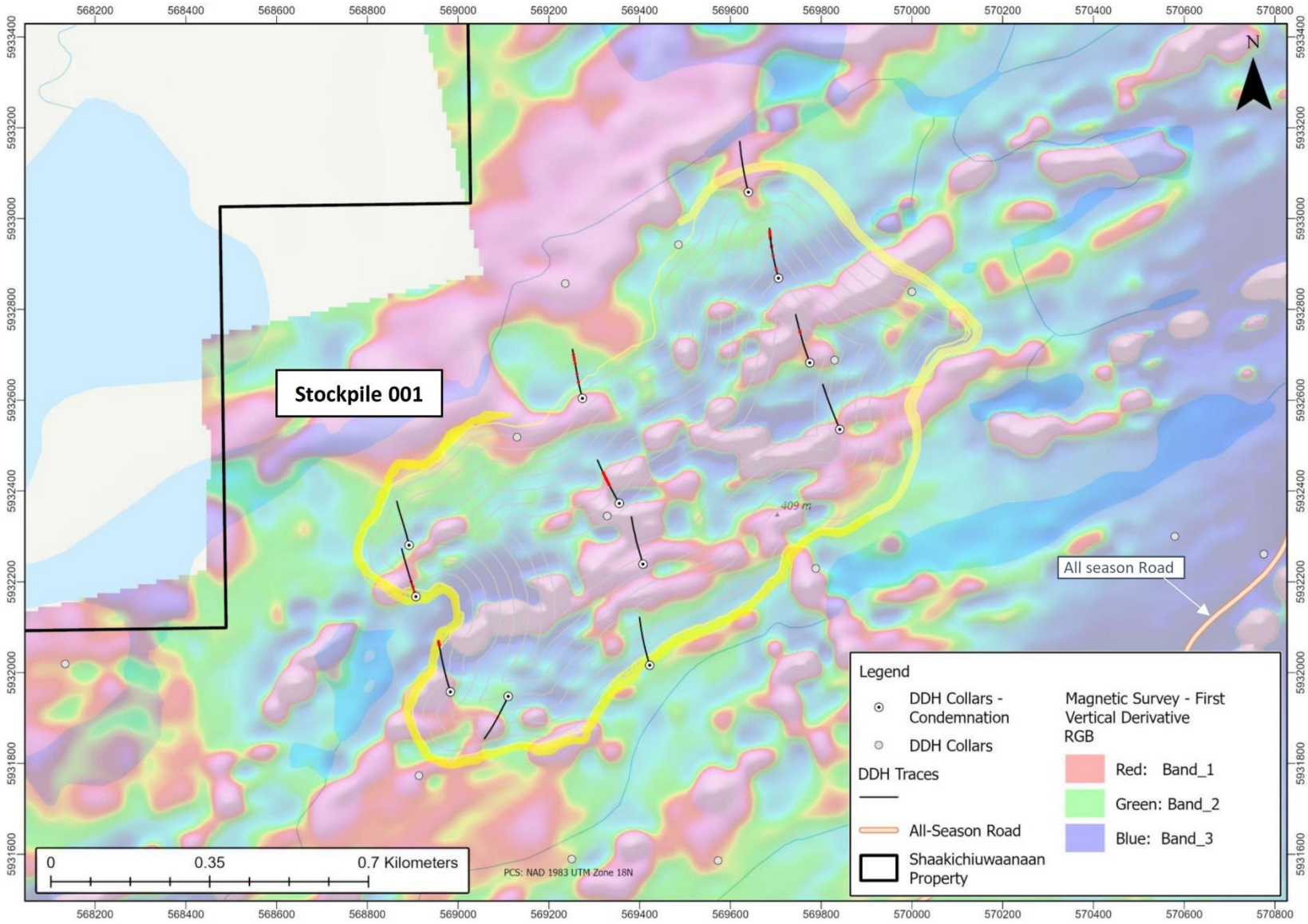


Figure 10: 1VD magnetics with respect to Stockpile 001.

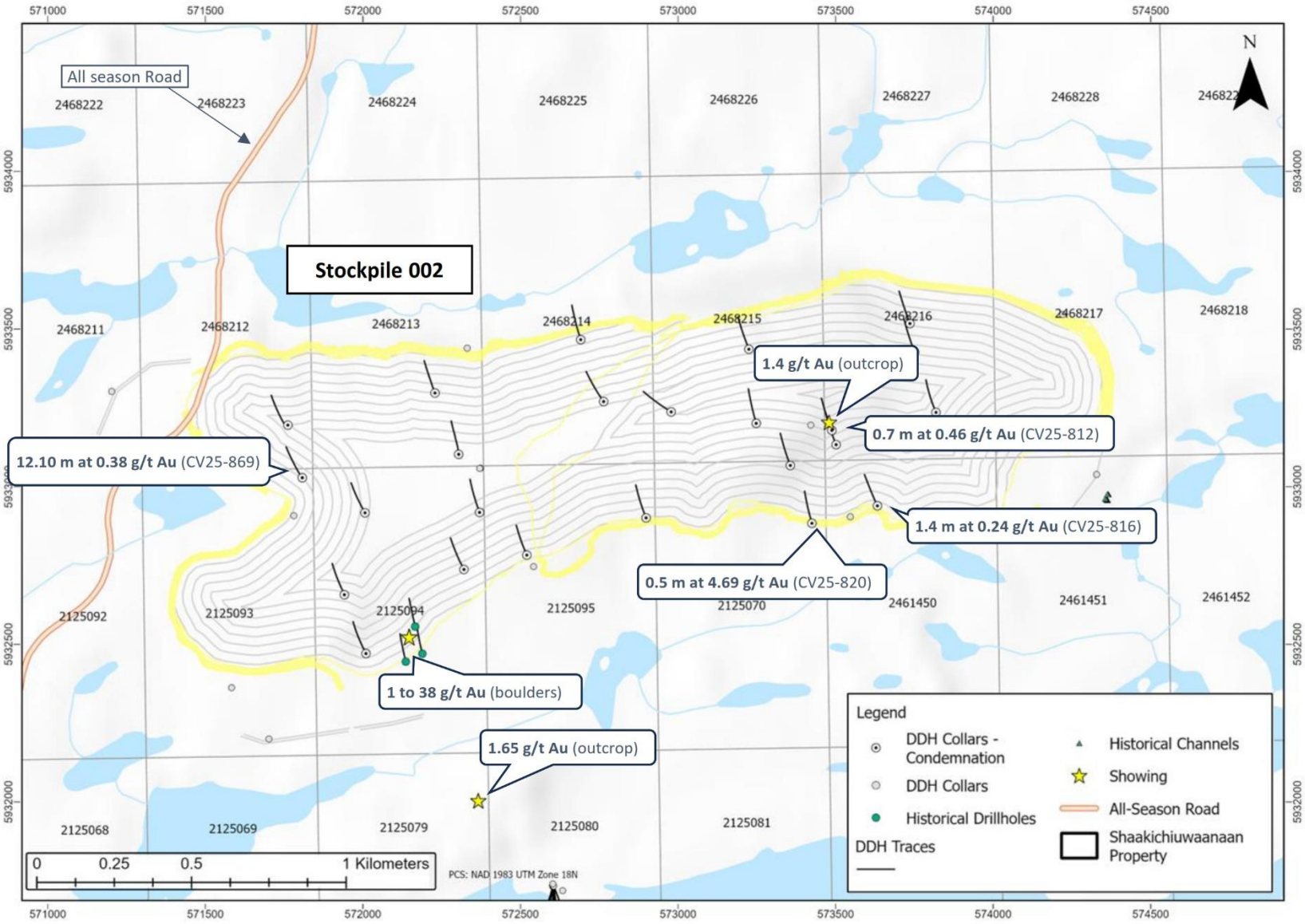


Figure 11: 2025 Notable mineralized occurrences at Stockpile 002.

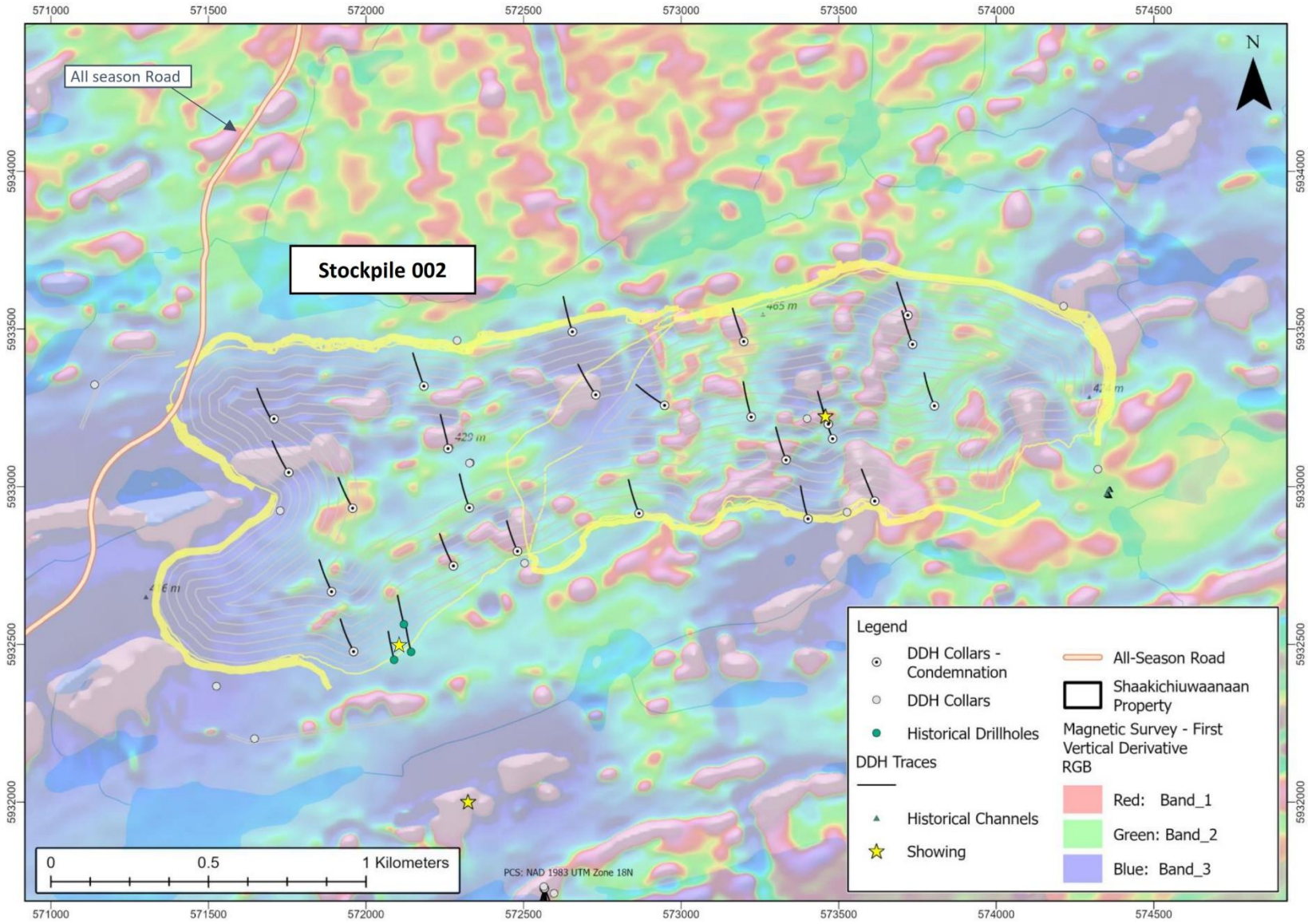


Figure 12: 1VD magnetics with respect to Stockpile 002.

5. CONCLUSIONS AND RECOMMENDATIONS

Condemnation of Stockpiles 001 and 002 was completed using a combination of surface prospecting and diamond drilling. The objective was to determine if the proposed areas had reasonable potential to host mineralization of significance (i.e., potentially economic).

Historical and recent surface work identified no surface showings of interest overlying Stockpile 001, while two (2) gold showings have been identified historically overlying Stockpile 002. A total of 36 diamond drill holes were completed during the 2025 campaign with the objective to 1) test the know mineralized showings, 2.) test interpreted structures and lithological contacts with mineralization potential, 3.) test the different magnetic signatures and anomalies to reconcile with geological information, and 4.) cover both stockpile areas with a drill grid that would identify any significant sized mineralization.

Only two (2) holes of the 2025 condemnation drill campaign intersected notable mineralization, both in the Stockpile 002. Hole CV25-820 intersected quartz-carbonate-sulphide veins and graded 4.69 g/t Au over 0.5 m; however, showed no continuity in the mineralization before or after the veins. Hole CV25-869 intersected a wider, low-grade mineralized interval grading 0.38 g/t Au over 12.1 m including 0.72 g/t Au over 5.4 m; however, there was no continuity intercepted in the surrounding drill holes, whether in mineralization or lithology. Additionally, both holes are at the margins the Stockpile 002 and neither indicates a significantly large or high grade continuous mineralized occurrence is present.

In conclusion, while some drill intercepts returned elevated gold values, the mineralization is considered too localized to be economically significant. No LCT pegmatite mineralization of significance was returned. Therefore, it is concluded that the areas of Stockpiles 001 and 002 do not have reasonable potential to host mineralization of significance.

6. REFERENCES

Card, K. (1986). Geology and Tectonics of the Archean Superior Province, Canadian Shield. In *Workshop on Early Crustal Genesis: The World's Oldest Rocks* (pp. 27-29). LPI Technical Report 86-04.

Goutier, J., & Dion, C. (2004). *Géologie et minéralisation de la Sous-province de La Grande, Baie-James, in Québec Exploration 2004.* Ministère des Ressources naturelles, de la Faune et des Parcs, Québec, DV 2004-06.

Houle, P. (2004). James Bay Region Central Superior Province (Opatica, Opinaca, Nemiscau, and La Grande Subprovinces). In *Report on Mineral Exploration Activities in Quebec 2004* (pp. 9-16). MERN.

Lucas, S., & St-Onge, M. (1998). Geology of the Precambiran Superior and Grenville Provinces and Precambrian Fossils in North AMerica. In *Geology of Canada, No. 7, Volume C-1* (Vols. C-1, p. 394). Geological Survey of Canada.

Oswald, R. (2008). *Rapport géologique et recommendations travaux de forage et de cartographie 2007. Ministère des Ressources naturelles, Québec; GM 63675.*

Ouellette, J.-F., & Vachon, D. (2014). *Technical Report and Recommendations, 2013 Exploration Program, FCI Project, Quebec (Form 43-101F1 Technical Report). Prepared for Komet Resources Inc. and Virginia Mines Inc. Geonordic Technical Services Inc.*

Patriot Battery Metals Inc. (2025). *Technical Report (NI 43-101) Mineral Resource Estimate for the Shaakichiuwaanaan Project.* James Bay Region, Quebec, Canada.

Percival, J. (2007). Geology and Metallogeny of the Superior Province, Canada. In W. Goodfellow, *Mineral Deposits of Canada. A synthesis of major deposit types, district metallogeny, the evolution of geological provinces and exploration methods* (pp. 903-928). Special Publication 5.

Percival, J., Skulski, T., Sanborn-Barrie, M., Stott, G. L., Corkery, M., & Boily, M. (2012). Chapter 6 - Geology and Tectonic Evolution of the Superior Province, Canada. In *Tectonic Styles in Canada: The Lithoprobe Perspective* (pp. 312-378). Geological Association of Canada, Special Paper 49.

Roscoe, S., & Donaldson, J. (1988). Uraniferous pyrite quartz pebble conglomerate and layered ultramafic intrusion in a sequence of quartzite, carbonate, iron formation and basalt of probable Archean age at Lac Sakami, Quebec. In *Recent Research, Part C, Paper 88-1C* (pp. 117-121). Geological Survey of Canada.

St-Seymour, K., & Francis, D. (1988). Magmatic interaction between mantle and crust during the evolution of the Archean Lac Guyer greenstone belt. *Canadian Journal of Earth Sciences, 25*, 691-700.

APPENDIX I: DRILL HOLE LIST

Hole ID	Stockpile ID	Azimuth (°)	Dip (°)	Total Depth (m)	Easting	Northing	Elevation (m)	Drilling Start Date	Drilling Completion Date
CV25-842	Stockpile 001	340	-45	152.0	568907.0	5932167.5	380.7	2025-03-27	2025-03-31
CV25-844		340	-45	152.0	569273.8	5932604.1	372.6	2025-03-28	2025-03-31
CV25-848		340	-45	149.0	568891.9	5932280.7	378.3	2025-03-31	2025-04-02
CV25-849		340	-45	152.0	569355.1	5932372.9	392.3	2025-04-01	2025-04-02
CV25-850		340	-45	152.0	569639.6	5933058.1	373.3	2025-04-01	2025-04-03
CV25-852		340	-45	151.8	568982.9	5931957.6	386.0	2025-04-02	2025-04-04
CV25-853		340	-45	152.1	569407.2	5932239.0	394.7	2025-04-03	2025-04-04
CV25-855		340	-45	152.0	569705.8	5932868.7	375.8	2025-04-04	2025-04-06
CV25-856		200	-45	152.0	569110.3	5931947.8	393.4	2025-04-05	2025-04-07
CV25-857		340	-45	152.0	569422.1	5932016.2	383.4	2025-04-05	2025-04-07
CV25-860		340	-45	152.0	569774.9	5932682.5	393.6	2025-04-07	2025-04-09
CV25-865		340	-45	152.2	569841.0	5932535.5	395.4	2025-04-09	2025-04-11
CV25-807	Stockpile 002	340	-45	147.7	572480.6	5932795.2	409.7	2025-02-26	2025-03-04
CV25-808		340	-45	152.0	572277.4	5932748.6	407.9	2025-02-26	2025-03-03
CV25-811		340	-45	152.0	573480.6	5933151.9	422.3	2025-03-03	2025-03-07
CV25-812		340	-45	151.9	573467.0	5933198.2	430.6	2025-03-04	2025-03-07
CV25-815		340	-45	152.0	573803.6	5933256.3	408.9	2025-03-07	2025-03-10
CV25-816		340	-45	151.9	573614.2	5932954.3	404.2	2025-03-07	2025-03-10
CV25-820		340	-45	149.1	573402.6	5932897.9	402.5	2025-03-11	2025-03-14
CV25-821		340	-45	151.9	573734.3	5933451.3	419.6	2025-03-11	2025-03-11
CV25-824		340	-45	152.0	573334.9	5933086.9	425.7	2025-03-14	2025-03-16
CV25-826		340	-45	151.8	573719.4	5933543.5	417.4	2025-03-14	2025-03-18
CV25-827		340	-45	155.0	572866.3	5932915.4	408.1	2025-03-16	2025-03-19
CV25-829		340	-45	151.9	573198.6	5933460.4	444.0	2025-03-18	2025-03-21
CV25-831		340	-45	152.1	572947.4	5933257.8	430.8	2025-03-19	2025-03-22
CV25-834		340	-45	152.1	573222.3	5933220.9	444.8	2025-03-21	2025-03-24
CV25-835		340	-45	155.1	572729.0	5933291.2	423.9	2025-03-22	2025-03-25
CV25-838		340	-45	152.1	572655.0	5933491.3	406.7	2025-03-25	2025-03-27
CV25-839		340	-45	151.8	572327.9	5932933.0	414.9	2025-03-25	2025-03-28
CV25-840		340	-45	152.0	572183.7	5933318.9	406.0	2025-03-25	2025-03-28
CV25-845		340	-45	151.9	572260.3	5933120.7	418.2	2025-03-28	2025-04-01
CV25-861		340	-45	152.1	571960.6	5932477.1	396.1	2025-04-07	2025-04-09
CV25-862		340	-45	151.9	571708.1	5933215.0	406.3	2025-04-07	2025-04-11
CV25-867		340	-45	152.1	571890.7	5932667.0	406.0	2025-04-10	2025-04-12
CV25-869		340	-45	149.0	571754.7	5933045.2	402.1	2025-04-11	2025-04-13
CV25-870		340	-45	152.0	571957.6	5932931.7	411.9	2025-04-13	2025-04-14

(1) Coordinate system NAD83 / UTM zone 18N; (2) Azimuths and dips presented are those 'planned' and may vary off collar/downhole.

APPENDIX II: CORE SAMPLE KEY

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-807	8.5	10.0	1.5	CV807-001	Original	1/2 NQ
CV25-807	30.0	31.5	1.5	CV807-002	Original	1/2 NQ
CV25-807	46.5	48.0	1.5	CV807-003	Original	1/2 NQ
CV25-807	48.0	49.0	1.0	CV807-004	Original	1/2 NQ
CV25-807	48.0	49.0	1.0	CV807-004x	Ext Dup-P	1/2 NQ
CV25-807	48.0	49.0	1.0	CV807-005	Dup-P	1/2 NQ
CV25-807	54.8	56.3	1.5	CV807-006	Original	1/2 NQ
CV25-807	68.5	70.0	1.5	CV807-007	Original	1/2 NQ
CV25-807	77.5	79.0	1.5	CV807-008	Original	1/2 NQ
CV25-807	86.5	88.0	1.5	CV807-009	Original	1/2 NQ
CV25-807	92.6	93.6	1.0	CV807-010	Original	1/2 NQ
CV25-807	93.6	95.1	1.5	CV807-011	Original	1/2 NQ
CV25-807				CV807-012	1/4" Silica Blank	
CV25-807	110.3	111.8	1.5	CV807-013	Original	1/2 NQ
CV25-807	114.4	115.4	1.0	CV807-014	Original	1/2 NQ
CV25-807	123.2	123.7	0.5	CV807-015	Original	1/2 NQ
CV25-807	136.0	137.5	1.5	CV807-016	Original	1/2 NQ
CV25-807	137.5	138.5	1.0	CV807-017	Original	1/2 NQ
CV25-807				CV807-018	OREAS 752	
CV25-807	140.3	140.8	0.5	CV807-019	Original	1/2 NQ
CV25-807	143.5	145.0	1.5	CV807-020	Original	1/2 NQ
CV25-808	5.0	6.5	1.5	CV808-001	Original	1/2 NQ
CV25-808	13.5	15.0	1.5	CV808-002	Original	1/2 NQ
CV25-808	37.5	39.0	1.5	CV808-003	Original	1/2 NQ
CV25-808	50.4	51.1	0.6	CV808-004	Original	1/2 NQ
CV25-808	50.4	51.1	0.6	CV808-004x	Ext Dup-P	1/2 NQ
CV25-808	50.4	51.1	0.6	CV808-005	Dup-P	1/2 NQ
CV25-808	52.5	54.0	1.5	CV808-006	Original	1/2 NQ
CV25-808	56.0	57.0	1.0	CV808-007	Original	1/2 NQ
CV25-808	59.5	61.0	1.5	CV808-008	Original	1/2 NQ
CV25-808	75.0	76.5	1.5	CV808-009	Original	1/2 NQ
CV25-808	90.5	91.5	1.0	CV808-010	Original	1/2 NQ
CV25-808	92.7	94.0	1.3	CV808-011	Original	1/2 NQ
CV25-808				CV808-012	1/4" Silica Blank	
CV25-808	94.0	95.5	1.5	CV808-013	Original	1/2 NQ
CV25-808	99.0	100.0	1.0	CV808-014	Original	1/2 NQ
CV25-808	100.0	101.0	1.0	CV808-015	Original	1/2 NQ
CV25-808	101.0	102.6	1.6	CV808-016	Original	1/2 NQ
CV25-808	107.6	109.5	1.9	CV808-017	Original	1/2 NQ
CV25-808				CV808-018	OREAS 752	
CV25-808	109.5	111.5	2.0	CV808-019	Original	1/2 NQ
CV25-808	111.5	113.0	1.5	CV808-020	Original	1/2 NQ
CV25-808	113.0	114.3	1.3	CV808-021	Original	1/2 NQ
CV25-808	114.3	116.3	2.0	CV808-022	Original	1/2 NQ
CV25-808	120.5	122.0	1.5	CV808-023	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-808	137.0	138.5	1.5	CV808-024	Original	1/2 NQ
CV25-808	149.0	150.0	1.0	CV808-025	Original	1/2 NQ
CV25-811	4.5	6.0	1.5	CV811-001	Original	1/2 NQ
CV25-811	11.7	12.2	0.5	CV811-002	Original	1/2 NQ
CV25-811	12.2	13.7	1.5	CV811-003	Original	1/2 NQ
CV25-811	21.0	21.5	0.5	CV811-004	Original	1/2 NQ
CV25-811	21.0	21.5	0.5	CV811-004x	Ext Dup-P	1/2 NQ
CV25-811	21.0	21.5	0.5	CV811-005	Dup-P	1/2 NQ
CV25-811	33.0	34.5	1.5	CV811-006	Original	1/2 NQ
CV25-811	39.2	40.7	1.5	CV811-007	Original	1/2 NQ
CV25-811	50.5	52.0	1.5	CV811-008	Original	1/2 NQ
CV25-811	69.0	70.5	1.5	CV811-009	Original	1/2 NQ
CV25-811	87.5	89.0	1.5	CV811-010	Original	1/2 NQ
CV25-811	103.0	104.5	1.5	CV811-011	Original	1/2 NQ
CV25-811				CV811-012	1/4" Silica Blank	
CV25-811	107.5	109.0	1.5	CV811-013	Original	1/2 NQ
CV25-811	109.0	110.5	1.5	CV811-014	Original	1/2 NQ
CV25-811	110.5	112.0	1.5	CV811-015	Original	1/2 NQ
CV25-811	119.9	120.4	0.5	CV811-016	Original	1/2 NQ
CV25-811	126.8	128.3	1.5	CV811-017	Original	1/2 NQ
CV25-811				CV811-018	OREAS 753	1/2 NQ
CV25-811	135.0	136.5	1.5	CV811-019	Original	1/2 NQ
CV25-811	139.3	140.8	1.5	CV811-020	Original	1/2 NQ
CV25-811	140.8	142.3	1.5	CV811-021	Original	1/2 NQ
CV25-811	142.3	143.8	1.5	CV811-022	Original	1/2 NQ
CV25-812	1.5	3.0	1.5	CV812-001	Original	1/2 NQ
CV25-812	8.0	8.5	0.5	CV812-002	Original	1/2 NQ
CV25-812	13.0	13.5	0.5	CV812-003	Original	1/2 NQ
CV25-812	15.8	16.3	0.5	CV812-004	Original	1/2 NQ
CV25-812	15.8	16.3	0.5	CV812-004x	Ext Dup-P	1/2 NQ
CV25-812	15.8	16.3	0.5	CV812-005	Dup-P	1/2 NQ
CV25-812	20.5	22.0	1.5	CV812-006	Original	1/2 NQ
CV25-812	28.0	28.8	0.8	CV812-007	Original	1/2 NQ
CV25-812	40.0	41.5	1.5	CV812-008	Original	1/2 NQ
CV25-812	44.9	46.2	1.3	CV812-009	Original	1/2 NQ
CV25-812	46.2	47.0	0.8	CV812-010	Original	1/2 NQ
CV25-812	47.0	48.3	1.3	CV812-011	Original	1/2 NQ
CV25-812				CV812-012	1/4" Silica Blank	
CV25-812	51.0	51.5	0.5	CV812-013	Original	1/2 NQ
CV25-812	54.0	56.0	2.0	CV812-014	Original	1/2 NQ
CV25-812	56.0	57.5	1.5	CV812-015	Original	1/2 NQ
CV25-812	57.5	59.0	1.5	CV812-016	Original	1/2 NQ
CV25-812	61.1	61.6	0.5	CV812-017	Original	1/2 NQ
CV25-812				CV812-018	OREAS 752	
CV25-812	71.5	72.0	0.5	CV812-019	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-812	72.0	73.5	1.5	CV812-020	Original	1/2 NQ
CV25-812	73.5	74.8	1.3	CV812-021	Original	1/2 NQ
CV25-812	74.8	76.0	1.2	CV812-022	Original	1/2 NQ
CV25-812	76.0	78.0	2.0	CV812-023	Original	1/2 NQ
CV25-812	81.9	82.6	0.7	CV812-024	Original	1/2 NQ
CV25-812	92.0	93.5	1.5	CV812-025	Original	1/2 NQ
CV25-812	103.5	104.0	0.5	CV812-026	Original	1/2 NQ
CV25-812	110.0	111.5	1.5	CV812-027	Original	1/2 NQ
CV25-812	111.5	113.2	1.7	CV812-028	Original	1/2 NQ
CV25-812	127.0	128.5	1.5	CV812-029	Original	1/2 NQ
CV25-812	127.0	128.5	1.5	CV812-029x	Ext Dup-P	1/2 NQ
CV25-812	127.0	128.5	1.5	CV812-030	Dup-P	1/2 NQ
CV25-812	131.5	133.4	1.9	CV812-031	Original	1/2 NQ
CV25-812	133.4	134.9	1.5	CV812-032	Original	1/2 NQ
CV25-812	138.0	139.5	1.5	CV812-033	Original	1/2 NQ
CV25-812	145.0	146.0	1.0	CV812-034	Original	1/2 NQ
CV25-812	149.0	150.5	1.5	CV812-035	Original	1/2 NQ
CV25-815	14.5	16.0	1.5	CV815-001	Original	1/2 NQ
CV25-815	32.4	33.9	1.5	CV815-002	Original	1/2 NQ
CV25-815	33.9	35.4	1.5	CV815-003	Original	1/2 NQ
CV25-815	50.0	51.5	1.5	CV815-004	Original	1/2 NQ
CV25-815	50.0	51.5	1.5	CV815-004x	Ext Dup-P	1/2 NQ
CV25-815	50.0	51.5	1.5	CV815-005	Dup-P	1/2 NQ
CV25-815	69.0	70.5	1.5	CV815-006	Original	1/2 NQ
CV25-815	77.2	78.7	1.5	CV815-007	Original	1/2 NQ
CV25-815	87.0	87.5	0.5	CV815-008	Original	1/2 NQ
CV25-815	87.5	88.3	0.9	CV815-009	Original	1/2 NQ
CV25-815	88.3	89.8	1.5	CV815-010	Original	1/2 NQ
CV25-815	89.8	91.3	1.5	CV815-011	Original	1/2 NQ
CV25-815				CV815-012	1/4" Silica Blank	
CV25-815	91.3	92.7	1.4	CV815-013	Original	1/2 NQ
CV25-815	95.5	97.0	1.5	CV815-014	Original	1/2 NQ
CV25-815	98.8	100.3	1.5	CV815-015	Original	1/2 NQ
CV25-815	103.1	103.6	0.5	CV815-016	Original	1/2 NQ
CV25-815	106.0	107.5	1.5	CV815-017	Original	1/2 NQ
CV25-815				CV815-018	OREAS 751	
CV25-815	117.0	118.5	1.5	CV815-019	Original	1/2 NQ
CV25-815	120.9	122.4	1.5	CV815-020	Original	1/2 NQ
CV25-815	122.4	122.9	0.5	CV815-021	Original	1/2 NQ
CV25-815	126.1	126.6	0.5	CV815-022	Original	1/2 NQ
CV25-815	136.0	136.5	0.5	CV815-023	Original	1/2 NQ
CV25-815	139.5	141.0	1.5	CV815-024	Original	1/2 NQ
CV25-816	5.0	6.5	1.5	CV816-001	Original	1/2 NQ
CV25-816	9.0	10.0	1.0	CV816-002	Original	1/2 NQ
CV25-816	24.0	25.5	1.5	CV816-003	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-816	43.0	44.5	1.5	CV816-004	Original	1/2 NQ
CV25-816	43.0	44.5	1.5	CV816-004x	Ext Dup-P	1/2 NQ
CV25-816	43.0	44.5	1.5	CV816-005	Dup-P	1/2 NQ
CV25-816	66.0	67.6	1.6	CV816-006	Original	1/2 NQ
CV25-816	71.5	73.0	1.5	CV816-007	Original	1/2 NQ
CV25-816	76.0	77.5	1.5	CV816-008	Original	1/2 NQ
CV25-816	78.7	79.2	0.5	CV816-009	Original	1/2 NQ
CV25-816	80.5	82.0	1.5	CV816-010	Original	1/2 NQ
CV25-816	82.0	83.3	1.3	CV816-011	Original	1/2 NQ
CV25-816				CV816-012	1/4" Silica Blank	
CV25-816	83.3	84.4	1.1	CV816-013	Original	1/2 NQ
CV25-816	84.4	86.0	1.6	CV816-014	Original	1/2 NQ
CV25-816	86.0	88.0	2.0	CV816-015	Original	1/2 NQ
CV25-816	88.0	90.0	2.0	CV816-016	Original	1/2 NQ
CV25-816	90.0	92.0	2.0	CV816-017	Original	1/2 NQ
CV25-816				CV816-018	OREAS 753	
CV25-816	92.0	94.0	2.0	CV816-019	Original	1/2 NQ
CV25-816	94.0	95.1	1.1	CV816-020	Original	1/2 NQ
CV25-816	95.1	96.5	1.4	CV816-021	Original	1/2 NQ
CV25-816	96.5	97.8	1.3	CV816-022	Original	1/2 NQ
CV25-816	97.8	99.1	1.2	CV816-023	Original	1/2 NQ
CV25-816	99.1	100.4	1.4	CV816-024	Original	1/2 NQ
CV25-816	100.4	101.5	1.1	CV816-025	Original	1/2 NQ
CV25-816	101.5	103.5	2.0	CV816-026	Original	1/2 NQ
CV25-816	103.5	104.7	1.2	CV816-027	Original	1/2 NQ
CV25-816	104.7	105.2	0.5	CV816-028	Original	1/2 NQ
CV25-816	105.2	106.1	0.9	CV816-029	Original	1/2 NQ
CV25-816	105.2	106.1	0.9	CV816-029x	Ext Dup-P	1/2 NQ
CV25-816	105.2	106.1	0.9	CV816-030	Dup-P	1/2 NQ
CV25-816	106.1	106.9	0.8	CV816-031	Original	1/2 NQ
CV25-816	106.9	108.9	2.0	CV816-032	Original	1/2 NQ
CV25-816	108.9	110.7	1.8	CV816-033	Original	1/2 NQ
CV25-816	110.7	112.7	2.0	CV816-034	Original	1/2 NQ
CV25-816	112.7	114.7	2.0	CV816-035	Original	1/2 NQ
CV25-816	114.7	116.6	1.9	CV816-036	Original	1/2 NQ
CV25-816				CV816-037	1/4" Silica Blank	
CV25-816	116.6	117.3	0.7	CV816-038	Original	1/2 NQ
CV25-816	117.3	119.0	1.7	CV816-039	Original	1/2 NQ
CV25-816	119.0	120.5	1.5	CV816-040	Original	1/2 NQ
CV25-816	120.5	122.0	1.5	CV816-041	Original	1/2 NQ
CV25-816	122.0	124.0	2.0	CV816-042	Original	1/2 NQ
CV25-816				CV816-043	OREAS 752	
CV25-816	124.0	125.5	1.5	CV816-044	Original	1/2 NQ
CV25-816	125.5	127.0	1.5	CV816-045	Original	1/2 NQ
CV25-816	127.0	128.4	1.4	CV816-046	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-816	131.0	133.0	2.0	CV816-047	Original	1/2 NQ
CV25-816	137.0	138.8	1.8	CV816-048	Original	1/2 NQ
CV25-816	139.8	140.3	0.5	CV816-049	Original	1/2 NQ
CV25-816	142.0	143.5	1.5	CV816-050	Original	1/2 NQ
CV25-816	150.0	151.5	1.5	CV816-051	Original	1/2 NQ
CV25-820	8.5	9.0	0.5	CV820-001	Original	1/2 NQ
CV25-820	9.0	9.7	0.7	CV820-002	Original	1/2 NQ
CV25-820	12.0	13.5	1.5	CV820-003	Original	1/2 NQ
CV25-820	28.0	28.5	0.5	CV820-004	Original	1/2 NQ
CV25-820	28.0	28.5	0.5	CV820-004x	Ext Dup-P	1/2 NQ
CV25-820	28.0	28.5	0.5	CV820-005	Dup-P	1/2 NQ
CV25-820	31.0	32.5	1.5	CV820-006	Original	1/2 NQ
CV25-820	35.0	36.5	1.5	CV820-007	Original	1/2 NQ
CV25-820	38.9	39.4	0.5	CV820-008	Original	1/2 NQ
CV25-820	46.7	47.2	0.5	CV820-009	Original	1/2 NQ
CV25-820	47.2	47.9	0.7	CV820-010	Original	1/2 NQ
CV25-820	47.9	48.5	0.7	CV820-011	Original	1/2 NQ
CV25-820				CV820-012	1/4" Silica Blank	
CV25-820	48.5	50.0	1.5	CV820-013	Original	1/2 NQ
CV25-820	56.3	57.5	1.3	CV820-014	Original	1/2 NQ
CV25-820	57.5	58.5	1.0	CV820-015	Original	1/2 NQ
CV25-820	70.5	72.0	1.5	CV820-016	Original	1/2 NQ
CV25-820	90.0	91.5	1.5	CV820-017	Original	1/2 NQ
CV25-820				CV820-018	OREAS 753	
CV25-820	91.5	92.0	0.5	CV820-019	Original	1/2 NQ
CV25-820	100.2	101.4	1.2	CV820-020	Original	1/2 NQ
CV25-820	102.5	103.0	0.5	CV820-021	Original	1/2 NQ
CV25-820	109.5	111.0	1.5	CV820-022	Original	1/2 NQ
CV25-820	112.5	113.5	1.0	CV820-023	Original	1/2 NQ
CV25-820	120.2	121.7	1.5	CV820-024	Original	1/2 NQ
CV25-820	121.7	122.6	0.9	CV820-025	Original	1/2 NQ
CV25-820	122.6	124.0	1.4	CV820-026	Original	1/2 NQ
CV25-820	127.0	128.5	1.5	CV820-027	Original	1/2 NQ
CV25-820	130.0	131.0	1.0	CV820-028	Original	1/2 NQ
CV25-820	132.7	134.0	1.3	CV820-029	Original	1/2 NQ
CV25-820	132.7	134.0	1.3	CV820-029x	Ext Dup-P	1/2 NQ
CV25-820	132.7	134.0	1.3	CV820-030	Dup-P	1/2 NQ
CV25-820	135.5	136.5	1.0	CV820-031	Original	1/2 NQ
CV25-820	136.5	137.5	1.0	CV820-032	Original	1/2 NQ
CV25-820	139.0	140.5	1.5	CV820-033	Original	1/2 NQ
CV25-820	140.5	142.0	1.5	CV820-034	Original	1/2 NQ
CV25-820	146.5	148.0	1.5	CV820-035	Original	1/2 NQ
CV25-820	21.2	22.2	1.0	CV820-036	Original	1/2 NQ
CV25-820	22.2	23.2	1.0	CV820-037	Original	1/2 NQ
CV25-820				CV820-038	1/4" Silica Blank	

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-820	23.2	24.2	1.0	CV820-039	Original	1/2 NQ
CV25-820	24.2	25.2	1.0	CV820-040	Original	1/2 NQ
CV25-820	25.2	26.0	0.8	CV820-041	Original	1/2 NQ
CV25-820	26.0	26.8	0.8	CV820-042	Original	1/2 NQ
CV25-820	26.8	28.0	1.2	CV820-043	Original	1/2 NQ
CV25-820				CV820-044	1/4" Silica Blank	
CV25-820	28.5	29.5	1.0	CV820-045	Original	1/2 NQ
CV25-820	29.5	30.5	1.0	CV820-046	Original	1/2 NQ
CV25-820	30.5	31.0	0.5	CV820-047	Original	1/2 NQ
CV25-821	33.0	34.5	1.5	CV821-001	Original	1/2 NQ
CV25-821	47.0	47.9	0.9	CV821-002	Original	1/2 NQ
CV25-821	47.9	48.5	0.6	CV821-003	Original	1/2 NQ
CV25-821	48.5	50.0	1.5	CV821-004	Original	1/2 NQ
CV25-821	48.5	50.0	1.5	CV821-004x	Ext Dup-P	1/2 NQ
CV25-821	48.5	50.0	1.5	CV821-005	Dup-P	1/2 NQ
CV25-821	50.0	51.5	1.5	CV821-006	Original	1/2 NQ
CV25-821	51.5	53.0	1.5	CV821-007	Original	1/2 NQ
CV25-821	53.0	54.5	1.5	CV821-008	Original	1/2 NQ
CV25-821	54.5	56.0	1.5	CV821-009	Original	1/2 NQ
CV25-821	56.0	57.2	1.2	CV821-010	Original	1/2 NQ
CV25-821	57.2	58.0	0.8	CV821-011	Original	1/2 NQ
CV25-821				CV821-012	1/4" Silica Blank	
CV25-821	58.0	59.0	1.0	CV821-013	Original	1/2 NQ
CV25-821	59.0	60.4	1.4	CV821-014	Original	1/2 NQ
CV25-821	60.4	60.9	0.6	CV821-015	Original	1/2 NQ
CV25-821	66.5	68.0	1.5	CV821-016	Original	1/2 NQ
CV25-821	68.0	69.0	1.0	CV821-017	Original	1/2 NQ
CV25-821				CV821-018	OREAS 751	
CV25-821	69.0	70.5	1.5	CV821-019	Original	1/2 NQ
CV25-821	85.5	87.0	1.5	CV821-020	Original	1/2 NQ
CV25-821	87.0	88.5	1.5	CV821-021	Original	1/2 NQ
CV25-821	88.5	90.0	1.5	CV821-022	Original	1/2 NQ
CV25-821	90.0	91.5	1.5	CV821-023	Original	1/2 NQ
CV25-821	91.5	93.0	1.5	CV821-024	Original	1/2 NQ
CV25-821	93.0	94.5	1.5	CV821-025	Original	1/2 NQ
CV25-821	94.5	96.0	1.5	CV821-026	Original	1/2 NQ
CV25-821	106.5	108.0	1.5	CV821-027	Original	1/2 NQ
CV25-821	110.0	110.7	0.7	CV821-028	Original	1/2 NQ
CV25-821	110.7	111.5	0.8	CV821-029	Original	1/2 NQ
CV25-821	110.7	111.5	0.8	CV821-029x	Ext Dup-P	1/2 NQ
CV25-821	110.7	111.5	0.8	CV821-030	Dup-P	1/2 NQ
CV25-821	111.5	113.0	1.5	CV821-031	Original	1/2 NQ
CV25-821	113.0	114.5	1.5	CV821-032	Original	1/2 NQ
CV25-821	114.5	115.5	1.0	CV821-033	Original	1/2 NQ
CV25-821	115.5	117.0	1.5	CV821-034	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-821	117.0	118.5	1.5	CV821-035	Original	1/2 NQ
CV25-821	118.5	120.0	1.5	CV821-036	Original	1/2 NQ
CV25-821				CV821-037	1/4" Silica Blank	
CV25-821	137.0	138.5	1.5	CV821-038	Original	1/2 NQ
CV25-821	143.0	144.5	1.5	CV821-039	Original	1/2 NQ
CV25-824	2.8	4.0	1.2	CV824-001	Original	1/2 NQ
CV25-824	4.0	5.5	1.5	CV824-002	Original	1/2 NQ
CV25-824	5.5	7.4	1.9	CV824-003	Original	1/2 NQ
CV25-824	7.4	9.0	1.6	CV824-004	Original	1/2 NQ
CV25-824	7.4	9.0	1.6	CV824-004x	Ext Dup-P	1/2 NQ
CV25-824	7.4	9.0	1.6	CV824-005	Dup-P	1/2 NQ
CV25-824	9.0	9.5	0.5	CV824-006	Original	1/2 NQ
CV25-824	9.5	11.0	1.5	CV824-007	Original	1/2 NQ
CV25-824	13.0	13.5	0.5	CV824-008	Original	1/2 NQ
CV25-824	18.5	20.0	1.5	CV824-009	Original	1/2 NQ
CV25-824	22.5	23.0	0.5	CV824-010	Original	1/2 NQ
CV25-824	26.5	28.0	1.5	CV824-011	Original	1/2 NQ
CV25-824				CV824-012	1/4" Silica Blank	
CV25-824	30.5	32.0	1.5	CV824-013	Original	1/2 NQ
CV25-824	35.5	36.5	1.0	CV824-014	Original	1/2 NQ
CV25-824	48.5	49.5	1.0	CV824-015	Original	1/2 NQ
CV25-824	53.0	54.5	1.5	CV824-016	Original	1/2 NQ
CV25-824	60.5	61.5	1.0	CV824-017	Original	1/2 NQ
CV25-824				CV824-018	OREAS 753	
CV25-824				CV824-018x	OREAS 753	
CV25-824	70.0	71.5	1.5	CV824-019	Original	1/2 NQ
CV25-824	71.5	73.0	1.5	CV824-020	Original	1/2 NQ
CV25-824	77.8	78.5	0.7	CV824-021	Original	1/2 NQ
CV25-824	78.5	79.8	1.3	CV824-022	Original	1/2 NQ
CV25-824	82.0	83.0	1.0	CV824-023	Original	1/2 NQ
CV25-824	83.0	85.1	2.1	CV824-024	Original	1/2 NQ
CV25-824	91.0	92.5	1.5	CV824-025	Original	1/2 NQ
CV25-824	98.4	98.9	0.5	CV824-026	Original	1/2 NQ
CV25-824	113.0	114.5	1.5	CV824-027	Original	1/2 NQ
CV25-824	132.9	134.2	1.3	CV824-028	Original	1/2 NQ
CV25-824	134.2	135.7	1.5	CV824-029	Original	1/2 NQ
CV25-824	134.2	135.7	1.5	CV824-029x	Ext Dup-P	1/2 NQ
CV25-824	134.2	135.7	1.5	CV824-030	Dup-P	1/2 NQ
CV25-826	27.1	27.6	0.5	CV826-001	Original	1/2 NQ
CV25-826	29.5	31.0	1.5	CV826-002	Original	1/2 NQ
CV25-826	35.2	36.1	0.9	CV826-003	Original	1/2 NQ
CV25-826	50.5	52.0	1.5	CV826-004	Original	1/2 NQ
CV25-826	50.5	52.0	1.5	CV826-004x	Ext Dup-P	1/2 NQ
CV25-826	50.5	52.0	1.5	CV826-005	Dup-P	1/2 NQ
CV25-826	68.0	69.5	1.5	CV826-006	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-826	87.5	89.0	1.5	CV826-007	Original	1/2 NQ
CV25-826	107.8	109.3	1.5	CV826-008	Original	1/2 NQ
CV25-826	112.5	113.0	0.5	CV826-009	Original	1/2 NQ
CV25-826	128.8	130.3	1.5	CV826-010	Original	1/2 NQ
CV25-826	132.6	133.8	1.2	CV826-011	Original	1/2 NQ
CV25-826				CV826-012	1/4" Silica Blank	
CV25-826	143.5	145.5	2.0	CV826-013	Original	1/2 NQ
CV25-826	145.5	147.5	2.0	CV826-014	Original	1/2 NQ
CV25-826	147.5	149.0	1.5	CV826-015	Original	1/2 NQ
CV25-827	8.0	9.5	1.5	CV827-001	Original	1/2 NQ
CV25-827	17.0	18.5	1.5	CV827-002	Original	1/2 NQ
CV25-827	33.2	33.7	0.5	CV827-003	Original	1/2 NQ
CV25-827	33.7	35.5	1.8	CV827-004	Original	1/2 NQ
CV25-827	33.7	35.5	1.8	CV827-004x	Ext Dup-P	1/2 NQ
CV25-827	33.7	35.5	1.8	CV827-005	Dup-P	1/2 NQ
CV25-827	35.5	37.3	1.8	CV827-006	Original	1/2 NQ
CV25-827	37.3	38.4	1.2	CV827-007	Original	1/2 NQ
CV25-827	38.4	40.0	1.6	CV827-008	Original	1/2 NQ
CV25-827	49.0	50.5	1.5	CV827-009	Original	1/2 NQ
CV25-827	68.0	69.5	1.5	CV827-010	Original	1/2 NQ
CV25-827	89.5	91.0	1.5	CV827-011	Original	1/2 NQ
CV25-827				CV827-012	1/4" Silica Blank	
CV25-827	110.0	111.5	1.5	CV827-013	Original	1/2 NQ
CV25-827	118.7	119.2	0.5	CV827-014	Original	1/2 NQ
CV25-827	119.2	120.7	1.5	CV827-015	Original	1/2 NQ
CV25-827	120.7	121.5	0.8	CV827-016	Original	1/2 NQ
CV25-827	121.5	122.7	1.2	CV827-017	Original	1/2 NQ
CV25-827				CV827-018	OREAS 751	
CV25-827	127.4	127.9	0.5	CV827-019	Original	1/2 NQ
CV25-827	140.0	141.5	1.5	CV827-020	Original	1/2 NQ
CV25-827	151.5	152.0	0.5	CV827-021	Original	1/2 NQ
CV25-829	2.2	2.7	0.5	CV829-001	Original	1/2 NQ
CV25-829	5.5	7.0	1.5	CV829-002	Original	1/2 NQ
CV25-829	12.0	13.5	1.5	CV829-003	Original	1/2 NQ
CV25-829	31.7	32.5	0.7	CV829-004	Original	1/2 NQ
CV25-829	31.7	32.5	0.7	CV829-004x	Ext Dup-P	1/2 NQ
CV25-829	31.7	32.5	0.7	CV829-005	Dup-P	1/2 NQ
CV25-829	32.5	33.9	1.5	CV829-006	Original	1/2 NQ
CV25-829	36.4	37.5	1.2	CV829-007	Original	1/2 NQ
CV25-829	37.5	38.5	1.0	CV829-008	Original	1/2 NQ
CV25-829	50.3	51.8	1.5	CV829-009	Original	1/2 NQ
CV25-829	51.8	53.0	1.2	CV829-010	Original	1/2 NQ
CV25-829	53.0	54.3	1.3	CV829-011	Original	1/2 NQ
CV25-829				CV829-012	1/4" Silica Blank	
CV25-829	65.7	67.7	2.0	CV829-013	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-829	67.7	69.7	2.0	CV829-014	Original	1/2 NQ
CV25-829	69.7	71.2	1.5	CV829-015	Original	1/2 NQ
CV25-829	90.0	91.5	1.5	CV829-016	Original	1/2 NQ
CV25-829	109.2	110.7	1.5	CV829-017	Original	1/2 NQ
CV25-829				CV829-018	OREAS 751	
CV25-829	110.7	112.5	1.8	CV829-019	Original	1/2 NQ
CV25-829	117.3	117.8	0.5	CV829-020	Original	1/2 NQ
CV25-829	131.5	133.0	1.5	CV829-021	Original	1/2 NQ
CV25-829	149.5	151.0	1.5	CV829-022	Original	1/2 NQ
CV25-831	10.0	11.5	1.5	CV831-001	Original	1/2 NQ
CV25-831	22.0	22.7	0.7	CV831-002	Original	1/2 NQ
CV25-831	31.5	33.0	1.5	CV831-003	Original	1/2 NQ
CV25-831	34.7	35.2	0.5	CV831-004	Original	1/2 NQ
CV25-831	34.7	35.2	0.5	CV831-004x	Ext Dup-P	1/2 NQ
CV25-831	34.7	35.2	0.5	CV831-005	Dup-P	1/2 NQ
CV25-831	49.0	50.5	1.5	CV831-006	Original	1/2 NQ
CV25-831	70.5	72.0	1.5	CV831-007	Original	1/2 NQ
CV25-831	92.5	94.0	1.5	CV831-008	Original	1/2 NQ
CV25-831	94.0	94.5	0.5	CV831-009	Original	1/2 NQ
CV25-831	112.0	113.5	1.5	CV831-010	Original	1/2 NQ
CV25-831	133.0	134.5	1.5	CV831-011	Original	1/2 NQ
CV25-831				CV831-012	1/4" Silica Blank	
CV25-831	150.0	151.5	1.5	CV831-013	Original	1/2 NQ
CV25-834	6.7	7.2	0.5	CV834-001	Original	1/2 NQ
CV25-834	8.5	10.0	1.5	CV834-002	Original	1/2 NQ
CV25-834	26.0	27.3	1.3	CV834-003	Original	1/2 NQ
CV25-834	30.0	31.5	1.5	CV834-004	Original	1/2 NQ
CV25-834	30.0	31.5	1.5	CV834-004x	Ext Dup-P	1/2 NQ
CV25-834	30.0	31.5	1.5	CV834-005	Dup-P	1/2 NQ
CV25-834	37.5	38.1	0.6	CV834-006	Original	1/2 NQ
CV25-834	48.0	49.5	1.5	CV834-007	Original	1/2 NQ
CV25-834	71.0	72.5	1.5	CV834-008	Original	1/2 NQ
CV25-834	88.0	89.5	1.5	CV834-009	Original	1/2 NQ
CV25-834	96.3	96.8	0.5	CV834-010	Original	1/2 NQ
CV25-834	111.0	112.5	1.5	CV834-011	Original	1/2 NQ
CV25-834				CV834-012	1/4" Silica Blank	
CV25-834	114.8	115.3	0.5	CV834-013	Original	1/2 NQ
CV25-834	126.6	128.1	1.5	CV834-014	Original	1/2 NQ
CV25-834	128.1	129.3	1.2	CV834-015	Original	1/2 NQ
CV25-834	150.0	151.5	1.5	CV834-016	Original	1/2 NQ
CV25-834	151.5	152.0	0.5	CV834-017	Original	1/2 NQ
CV25-834				CV834-018	OREAS 753	
CV25-835	21.5	23.0	1.5	CV835-001	Original	1/2 NQ
CV25-835	31.0	32.5	1.5	CV835-002	Original	1/2 NQ
CV25-835	37.0	39.0	2.0	CV835-003	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-835	39.0	41.0	2.0	CV835-004	Original	1/2 NQ
CV25-835	39.0	41.0	2.0	CV835-004x	Ext Dup-P	1/2 NQ
CV25-835	39.0	41.0	2.0	CV835-005	Dup-P	1/2 NQ
CV25-835	39.0	41.0	2.0	CV835-005x	DupExt Dup-P	1/2 NQ
CV25-835	41.0	43.0	2.0	CV835-006	Original	1/2 NQ
CV25-835	54.2	54.8	0.6	CV835-007	Original	1/2 NQ
CV25-835	54.8	55.3	0.5	CV835-008	Original	1/2 NQ
CV25-835	58.5	60.0	1.5	CV835-009	Original	1/2 NQ
CV25-835	80.0	81.5	1.5	CV835-010	Original	1/2 NQ
CV25-835	96.5	97.0	0.5	CV835-011	Original	1/2 NQ
CV25-835				CV835-012	1/4" Silica Blank	
CV25-835	100.0	101.5	1.5	CV835-013	Original	1/2 NQ
CV25-835	120.0	121.5	1.5	CV835-014	Original	1/2 NQ
CV25-835	140.0	141.5	1.5	CV835-015	Original	1/2 NQ
CV25-835	153.0	154.5	1.5	CV835-016	Original	1/2 NQ
CV25-838	19.0	20.5	1.5	CV838-001	Original	1/2 NQ
CV25-838	40.0	41.5	1.5	CV838-002	Original	1/2 NQ
CV25-838	43.7	44.2	0.5	CV838-003	Original	1/2 NQ
CV25-838	60.0	61.5	1.5	CV838-004	Original	1/2 NQ
CV25-838	60.0	61.5	1.5	CV838-004x	Ext Dup-P	1/2 NQ
CV25-838	60.0	61.5	1.5	CV838-005	Dup-P	1/2 NQ
CV25-838	65.8	66.3	0.5	CV838-006	Original	1/2 NQ
CV25-838	79.0	80.5	1.5	CV838-007	Original	1/2 NQ
CV25-838	101.0	102.5	1.5	CV838-008	Original	1/2 NQ
CV25-838	116.0	116.5	0.5	CV838-009	Original	1/2 NQ
CV25-838	119.2	120.2	1.0	CV838-010	Original	1/2 NQ
CV25-838	124.3	125.8	1.5	CV838-011	Original	1/2 NQ
CV25-838				CV838-012	1/4" Silica Blank	
CV25-838	125.8	126.8	1.0	CV838-013	Original	1/2 NQ
CV25-838	135.0	135.5	0.5	CV838-014	Original	1/2 NQ
CV25-838	143.0	144.5	1.5	CV838-015	Original	1/2 NQ
CV25-838	148.1	149.6	1.5	CV838-016	Original	1/2 NQ
CV25-839	12.0	13.5	1.5	CV839-001	Original	1/2 NQ
CV25-839	17.0	18.5	1.5	CV839-002	Original	1/2 NQ
CV25-839	18.5	20.0	1.5	CV839-003	Original	1/2 NQ
CV25-839	20.0	21.5	1.5	CV839-004	Original	1/2 NQ
CV25-839	20.0	21.5	1.5	CV839-004x	Ext Dup-P	1/2 NQ
CV25-839	20.0	21.5	1.5	CV839-005	Dup-P	1/2 NQ
CV25-839	21.5	23.0	1.5	CV839-006	Original	1/2 NQ
CV25-839	23.0	24.0	1.0	CV839-007	Original	1/2 NQ
CV25-839	24.0	25.5	1.5	CV839-008	Original	1/2 NQ
CV25-839	42.0	43.5	1.5	CV839-009	Original	1/2 NQ
CV25-839	51.0	52.5	1.5	CV839-010	Original	1/2 NQ
CV25-839	52.5	54.0	1.5	CV839-011	Original	1/2 NQ
CV25-839				CV839-012	1/4" Silica Blank	

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-839	54.0	55.1	1.1	CV839-013	Original	1/2 NQ
CV25-839	55.1	55.6	0.5	CV839-014	Original	1/2 NQ
CV25-839	58.5	60.0	1.5	CV839-015	Original	1/2 NQ
CV25-839	69.5	70.0	0.5	CV839-016	Original	1/2 NQ
CV25-839	78.0	79.5	1.5	CV839-017	Original	1/2 NQ
CV25-839				CV839-018	OREAS 751	
CV25-839	90.0	91.5	1.5	CV839-019	Original	1/2 NQ
CV25-839	108.5	110.0	1.5	CV839-020	Original	1/2 NQ
CV25-839	122.5	124.0	1.5	CV839-021	Original	1/2 NQ
CV25-839	126.0	127.5	1.5	CV839-022	Original	1/2 NQ
CV25-839	130.5	132.0	1.5	CV839-023	Original	1/2 NQ
CV25-839	147.0	148.0	1.0	CV839-024	Original	1/2 NQ
CV25-839	150.0	151.5	1.5	CV839-025	Original	1/2 NQ
CV25-840	6.5	7.8	1.3	CV840-001	Original	1/2 NQ
CV25-840	7.8	8.3	0.5	CV840-002	Original	1/2 NQ
CV25-840	8.3	9.8	1.5	CV840-003	Original	1/2 NQ
CV25-840	28.5	30.0	1.5	CV840-004	Original	1/2 NQ
CV25-840	28.5	30.0	1.5	CV840-004x	Ext Dup-P	1/2 NQ
CV25-840	28.5	30.0	1.5	CV840-005	Dup-P	1/2 NQ
CV25-840	48.0	49.5	1.5	CV840-006	Original	1/2 NQ
CV25-840	58.8	59.3	0.5	CV840-007	Original	1/2 NQ
CV25-840	70.0	71.5	1.5	CV840-008	Original	1/2 NQ
CV25-840	82.5	83.0	0.5	CV840-009	Original	1/2 NQ
CV25-840	90.0	91.5	1.5	CV840-010	Original	1/2 NQ
CV25-840	94.6	95.1	0.5	CV840-011	Original	1/2 NQ
CV25-840				CV840-012	1/4" Silica Blank	
CV25-840	109.5	111.0	1.5	CV840-013	Original	1/2 NQ
CV25-840	122.6	123.4	0.8	CV840-014	Original	1/2 NQ
CV25-840	126.7	127.2	0.5	CV840-015	Original	1/2 NQ
CV25-840	130.0	131.5	1.5	CV840-016	Original	1/2 NQ
CV25-840	138.6	139.1	0.5	CV840-017	Original	1/2 NQ
CV25-840				CV840-018	OREAS 753	
CV25-840	150.0	151.5	1.5	CV840-019	Original	1/2 NQ
CV25-842	2.6	4.5	1.9	CV842-001	Original	1/2 NQ
CV25-842	4.5	6.5	2.0	CV842-002	Original	1/2 NQ
CV25-842	6.5	8.5	2.0	CV842-003	Original	1/2 NQ
CV25-842	8.5	10.5	2.0	CV842-004	Original	1/2 NQ
CV25-842	8.5	10.5	2.0	CV842-004x	Ext Dup-P	1/2 NQ
CV25-842	8.5	10.5	2.0	CV842-005	Dup-P	1/2 NQ
CV25-842	10.5	12.7	2.2	CV842-006	Original	1/2 NQ
CV25-842	12.7	14.5	1.8	CV842-007	Original	1/2 NQ
CV25-842	14.5	15.8	1.3	CV842-008	Original	1/2 NQ
CV25-842	15.8	17.3	1.5	CV842-009	Original	1/2 NQ
CV25-842	17.3	18.8	1.5	CV842-010	Original	1/2 NQ
CV25-842	24.0	24.5	0.5	CV842-011	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-842				CV842-012	1/4" Silica Blank	
CV25-842	27.4	28.9	1.5	CV842-013	Original	1/2 NQ
CV25-842	28.9	29.4	0.6	CV842-014	Original	1/2 NQ
CV25-842	29.4	31.2	1.7	CV842-015	Original	1/2 NQ
CV25-842	31.2	32.9	1.8	CV842-016	Original	1/2 NQ
CV25-842	32.9	34.4	1.5	CV842-017	Original	1/2 NQ
CV25-842				CV842-018	OREAS 752	
CV25-842	34.4	35.2	0.8	CV842-019	Original	1/2 NQ
CV25-842	35.2	36.5	1.3	CV842-020	Original	1/2 NQ
CV25-842	36.5	38.0	1.5	CV842-021	Original	1/2 NQ
CV25-842	38.0	38.9	0.9	CV842-022	Original	1/2 NQ
CV25-842	38.9	40.3	1.5	CV842-023	Original	1/2 NQ
CV25-842	40.3	42.1	1.7	CV842-024	Original	1/2 NQ
CV25-842	42.1	43.4	1.3	CV842-025	Original	1/2 NQ
CV25-842	43.4	44.8	1.5	CV842-026	Original	1/2 NQ
CV25-842	44.8	45.6	0.8	CV842-027	Original	1/2 NQ
CV25-842	45.6	46.1	0.5	CV842-028	Original	1/2 NQ
CV25-842	46.1	47.0	0.9	CV842-029	Original	1/2 NQ
CV25-842	46.1	47.0	0.9	CV842-029x	Ext Dup-P	
CV25-842	46.1	47.0	0.9	CV842-030	Dup-P	
CV25-842	47.0	48.5	1.6	CV842-031	Original	1/2 NQ
CV25-842	48.5	49.9	1.4	CV842-032	Original	1/2 NQ
CV25-842	49.9	51.8	1.9	CV842-033	Original	1/2 NQ
CV25-842	55.5	57.0	1.5	CV842-034	Original	1/2 NQ
CV25-842	57.0	57.5	0.5	CV842-035	Original	1/2 NQ
CV25-842	69.7	70.2	0.5	CV842-036	Original	1/2 NQ
CV25-842				CV842-037	1/4" Silica Blank	
CV25-842	70.2	71.6	1.5	CV842-038	Original	1/2 NQ
CV25-842	71.6	72.4	0.8	CV842-039	Original	1/2 NQ
CV25-842	74.5	76.0	1.5	CV842-040	Original	1/2 NQ
CV25-842	81.1	81.6	0.5	CV842-041	Original	1/2 NQ
CV25-842	81.6	83.1	1.5	CV842-042	Original	1/2 NQ
CV25-842				CV842-043	OREAS 753	
CV25-842	86.3	87.7	1.4	CV842-044	Original	1/2 NQ
CV25-842	87.7	89.0	1.3	CV842-045	Original	1/2 NQ
CV25-842	92.4	92.9	0.5	CV842-046	Original	1/2 NQ
CV25-842	96.2	96.7	0.5	CV842-047	Original	1/2 NQ
CV25-842	99.6	100.1	0.5	CV842-048	Original	1/2 NQ
CV25-842	100.1	101.6	1.5	CV842-049	Original	1/2 NQ
CV25-842	104.8	106.3	1.5	CV842-050	Original	1/2 NQ
CV25-842	110.5	112.5	2.0	CV842-051	Original	1/2 NQ
CV25-842	112.5	114.5	2.0	CV842-052	Original	1/2 NQ
CV25-842	114.5	116.5	2.0	CV842-053	Original	1/2 NQ
CV25-842	125.0	126.5	1.5	CV842-054	Original	1/2 NQ
CV25-842	125.0	126.5	1.5	CV842-054x	Ext Dup-P	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-842	125.0	126.5	1.5	CV842-055	Dup-P	1/2 NQ
CV25-842	145.5	147.0	1.5	CV842-056	Original	1/2 NQ
CV25-844	9.0	10.5	1.5	CV844-001	Original	1/2 NQ
CV25-844	13.0	13.5	0.5	CV844-002	Original	1/2 NQ
CV25-844	27.0	28.5	1.5	CV844-003	Original	1/2 NQ
CV25-844	31.3	31.8	0.5	CV844-004	Original	1/2 NQ
CV25-844	31.3	31.8	0.5	CV844-004x	Ext Dup-P	
CV25-844	31.3	31.8	0.5	CV844-005	Dup-P	
CV25-844	42.0	43.5	1.5	CV844-006	Original	1/2 NQ
CV25-844	49.1	50.6	1.5	CV844-007	Original	1/2 NQ
CV25-844	50.6	52.0	1.4	CV844-008	Original	1/2 NQ
CV25-844	52.0	52.6	0.5	CV844-009	Original	1/2 NQ
CV25-844	52.6	54.1	1.5	CV844-010	Original	1/2 NQ
CV25-844	60.0	61.5	1.5	CV844-011	Original	1/2 NQ
CV25-844				CV844-012	1/4" Silica Blank	
CV25-844	73.0	74.4	1.4	CV844-013	Original	1/2 NQ
CV25-844	74.4	75.9	1.5	CV844-014	Original	1/2 NQ
CV25-844	75.9	76.5	0.6	CV844-015	Original	1/2 NQ
CV25-844	76.5	78.0	1.5	CV844-016	Original	1/2 NQ
CV25-844	80.5	81.0	0.5	CV844-017	Original	1/2 NQ
CV25-844				CV844-018	OREAS 752	
CV25-844	81.0	82.0	1.0	CV844-019	Original	1/2 NQ
CV25-844	82.0	82.5	0.5	CV844-020	Original	1/2 NQ
CV25-844	82.5	83.0	0.5	CV844-021	Original	1/2 NQ
CV25-844	92.0	93.5	1.5	CV844-022	Original	1/2 NQ
CV25-844	101.4	103.4	2.0	CV844-023	Original	1/2 NQ
CV25-844	103.4	105.4	2.0	CV844-024	Original	1/2 NQ
CV25-844	105.4	107.4	2.0	CV844-025	Original	1/2 NQ
CV25-844	107.4	108.2	0.8	CV844-026	Original	1/2 NQ
CV25-844	108.2	109.0	0.7	CV844-027	Original	1/2 NQ
CV25-844	109.0	110.5	1.5	CV844-028	Original	1/2 NQ
CV25-844	114.3	114.8	0.5	CV844-029	Original	1/2 NQ
CV25-844	114.3	114.8	0.5	CV844-029x	Ext Dup-P	
CV25-844	114.3	114.8	0.5	CV844-030	Dup-P	
CV25-844	118.2	119.7	1.5	CV844-031	Original	1/2 NQ
CV25-844	119.7	120.3	0.6	CV844-032	Original	1/2 NQ
CV25-844	120.3	121.8	1.5	CV844-033	Original	1/2 NQ
CV25-844	121.8	123.3	1.5	CV844-034	Original	1/2 NQ
CV25-844	125.7	127.2	1.5	CV844-035	Original	1/2 NQ
CV25-844	127.2	128.0	0.8	CV844-036	Original	1/2 NQ
CV25-844				CV844-037	1/4" Silica Blank	
CV25-844				CV844-037x	1/4" Silica Blank	
CV25-844	128.0	129.5	1.5	CV844-038	Original	1/2 NQ
CV25-844	129.5	131.0	1.6	CV844-039	Original	1/2 NQ
CV25-844	131.0	131.5	0.5	CV844-040	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-844	133.7	135.2	1.5	CV844-041	Original	1/2 NQ
CV25-844	135.2	136.3	1.1	CV844-042	Original	1/2 NQ
CV25-844				CV844-043	OREAS 753	
CV25-844	136.3	137.8	1.5	CV844-044	Original	1/2 NQ
CV25-844	145.0	146.5	1.5	CV844-045	Original	1/2 NQ
CV25-844	151.0	151.5	0.5	CV844-046	Original	1/2 NQ
CV25-845	19.0	20.5	1.5	CV845-001	Original	1/2 NQ
CV25-845	26.6	27.1	0.5	CV845-002	Original	1/2 NQ
CV25-845	27.1	28.5	1.4	CV845-003	Original	1/2 NQ
CV25-845	28.5	30.3	1.8	CV845-004	Original	1/2 NQ
CV25-845	28.5	30.3	1.8	CV845-004x	Ext Dup-P	1/2 NQ
CV25-845	28.5	30.3	1.8	CV845-005	Dup-P	1/2 NQ
CV25-845	30.3	30.9	0.6	CV845-006	Original	1/2 NQ
CV25-845	36.7	37.2	0.6	CV845-007	Original	1/2 NQ
CV25-845	40.2	41.7	1.5	CV845-008	Original	1/2 NQ
CV25-845	41.7	42.2	0.5	CV845-009	Original	1/2 NQ
CV25-845	46.4	47.7	1.3	CV845-010	Original	1/2 NQ
CV25-845	52.2	52.7	0.5	CV845-011	Original	1/2 NQ
CV25-845				CV845-012	1/4" Silica Blank	
CV25-845	58.0	59.5	1.5	CV845-013	Original	1/2 NQ
CV25-845	66.3	66.8	0.5	CV845-014	Original	1/2 NQ
CV25-845	69.6	71.2	1.5	CV845-015	Original	1/2 NQ
CV25-845	71.2	72.3	1.2	CV845-016	Original	1/2 NQ
CV25-845	72.3	72.8	0.5	CV845-017	Original	1/2 NQ
CV25-845				CV845-018	OREAS 751	
CV25-845	75.8	76.3	0.5	CV845-019	Original	1/2 NQ
CV25-845	78.0	79.5	1.5	CV845-020	Original	1/2 NQ
CV25-845	84.0	85.5	1.5	CV845-021	Original	1/2 NQ
CV25-845	88.3	88.8	0.5	CV845-022	Original	1/2 NQ
CV25-845	92.0	93.5	1.5	CV845-023	Original	1/2 NQ
CV25-845	96.0	97.5	1.5	CV845-024	Original	1/2 NQ
CV25-845	104.0	105.5	1.5	CV845-025	Original	1/2 NQ
CV25-845	109.0	110.5	1.5	CV845-026	Original	1/2 NQ
CV25-845	119.0	120.1	1.1	CV845-027	Original	1/2 NQ
CV25-845	122.5	124.0	1.5	CV845-028	Original	1/2 NQ
CV25-845	125.5	126.0	0.5	CV845-029	Original	1/2 NQ
CV25-845	125.5	126.0	0.5	CV845-029x	Ext Dup-P	1/2 NQ
CV25-845	125.5	126.0	0.5	CV845-030	Dup-P	1/2 NQ
CV25-845	126.0	127.5	1.5	CV845-031	Original	1/2 NQ
CV25-845	134.0	135.5	1.5	CV845-032	Original	1/2 NQ
CV25-845	144.0	145.5	1.5	CV845-033	Original	1/2 NQ
CV25-845	148.5	149.8	1.3	CV845-034	Original	1/2 NQ
CV25-848	9.5	11.0	1.5	CV848-001	Original	1/2 NQ
CV25-848	15.0	16.5	1.5	CV848-002	Original	1/2 NQ
CV25-848	16.5	17.5	1.0	CV848-003	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-848	17.5	18.0	0.5	CV848-004	Original	1/2 NQ
CV25-848	17.5	18.0	0.5	CV848-004x	Ext Dup-P	1/2 NQ
CV25-848	17.5	18.0	0.5	CV848-005	Dup-P	1/2 NQ
CV25-848	19.7	20.7	1.0	CV848-006	Original	1/2 NQ
CV25-848	20.7	21.6	0.9	CV848-007	Original	1/2 NQ
CV25-848	21.6	22.4	0.8	CV848-008	Original	1/2 NQ
CV25-848	22.4	22.9	0.5	CV848-009	Original	1/2 NQ
CV25-848	22.9	24.5	1.6	CV848-010	Original	1/2 NQ
CV25-848	24.5	25.0	0.5	CV848-011	Original	1/2 NQ
CV25-848				CV848-012	1/4" Silica Blank	
CV25-848	25.0	26.4	1.4	CV848-013	Original	1/2 NQ
CV25-848	37.0	38.5	1.5	CV848-014	Original	1/2 NQ
CV25-848	43.5	44.0	0.5	CV848-015	Original	1/2 NQ
CV25-848	59.0	60.5	1.5	CV848-016	Original	1/2 NQ
CV25-848	60.5	61.0	0.5	CV848-017	Original	1/2 NQ
CV25-848				CV848-018	OREAS 752	
CV25-848	73.5	74.0	0.5	CV848-019	Original	1/2 NQ
CV25-848	74.0	74.6	0.6	CV848-020	Original	1/2 NQ
CV25-848	76.5	78.0	1.5	CV848-021	Original	1/2 NQ
CV25-848	89.4	90.9	1.5	CV848-022	Original	1/2 NQ
CV25-848	90.9	92.4	1.5	CV848-023	Original	1/2 NQ
CV25-848	92.4	94.0	1.6	CV848-024	Original	1/2 NQ
CV25-848	94.0	95.4	1.4	CV848-025	Original	1/2 NQ
CV25-848	95.4	96.2	0.7	CV848-026	Original	1/2 NQ
CV25-848	96.2	97.6	1.4	CV848-027	Original	1/2 NQ
CV25-848	97.6	99.3	1.7	CV848-028	Original	1/2 NQ
CV25-848	99.3	100.1	0.8	CV848-029	Original	1/2 NQ
CV25-848	99.3	100.1	0.8	CV848-029x	Ext Dup-P	1/2 NQ
CV25-848	99.3	100.1	0.8	CV848-030	Dup-P	1/2 NQ
CV25-848	100.1	102.1	2.0	CV848-031	Original	1/2 NQ
CV25-848	102.1	104.0	1.9	CV848-032	Original	1/2 NQ
CV25-848	104.0	106.0	2.0	CV848-033	Original	1/2 NQ
CV25-848	106.0	108.0	2.0	CV848-034	Original	1/2 NQ
CV25-848	108.0	110.0	2.0	CV848-035	Original	1/2 NQ
CV25-848	110.0	111.0	1.0	CV848-036	Original	1/2 NQ
CV25-848				CV848-037	1/4" Silica Blank	
CV25-848	111.0	113.0	2.0	CV848-038	Original	1/2 NQ
CV25-848	113.0	114.0	1.0	CV848-039	Original	1/2 NQ
CV25-848	114.0	116.0	2.0	CV848-040	Original	1/2 NQ
CV25-848	116.0	117.4	1.4	CV848-041	Original	1/2 NQ
CV25-848	117.4	119.3	1.9	CV848-042	Original	1/2 NQ
CV25-848				CV848-043	OREAS 753	
CV25-848	119.3	120.8	1.5	CV848-044	Original	1/2 NQ
CV25-848	120.8	122.0	1.2	CV848-045	Original	1/2 NQ
CV25-848	122.0	122.7	0.7	CV848-046	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-848	122.7	124.5	1.8	CV848-047	Original	1/2 NQ
CV25-848	124.5	126.2	1.7	CV848-048	Original	1/2 NQ
CV25-848	126.2	128.2	2.0	CV848-049	Original	1/2 NQ
CV25-848	128.2	130.0	1.8	CV848-050	Original	1/2 NQ
CV25-848	130.0	132.0	2.0	CV848-051	Original	1/2 NQ
CV25-848	132.0	134.0	2.0	CV848-052	Original	1/2 NQ
CV25-848	134.0	136.0	2.0	CV848-053	Original	1/2 NQ
CV25-848	136.0	138.0	2.0	CV848-054	Original	1/2 NQ
CV25-848	136.0	138.0	2.0	CV848-054x	Ext Dup-P	1/2 NQ
CV25-848	136.0	138.0	2.0	CV848-055	Dup-P	1/2 NQ
CV25-848	138.0	140.0	2.0	CV848-056	Original	1/2 NQ
CV25-848	140.0	142.0	2.0	CV848-057	Original	1/2 NQ
CV25-848	142.0	143.9	1.9	CV848-058	Original	1/2 NQ
CV25-848	143.9	144.8	0.9	CV848-059	Original	1/2 NQ
CV25-848	144.8	146.3	1.5	CV848-060	Original	1/2 NQ
CV25-848	146.3	147.8	1.5	CV848-061	Original	1/2 NQ
CV25-848				CV848-062	1/4" Silica Blank	
CV25-849	9.0	10.5	1.5	CV849-001	Original	1/2 NQ
CV25-849	27.5	29.0	1.5	CV849-002	Original	1/2 NQ
CV25-849	32.1	33.3	1.2	CV849-003	Original	1/2 NQ
CV25-849	47.5	49.0	1.5	CV849-004	Original	1/2 NQ
CV25-849	47.5	49.0	1.5	CV849-004x	Ext Dup-P	
CV25-849	47.5	49.0	1.5	CV849-005	Dup-P	
CV25-849	60.0	61.5	1.5	CV849-006	Original	1/2 NQ
CV25-849	63.7	64.2	0.5	CV849-007	Original	1/2 NQ
CV25-849	64.2	65.2	1.0	CV849-008	Original	1/2 NQ
CV25-849	65.2	66.2	1.0	CV849-009	Original	1/2 NQ
CV25-849	66.2	67.2	1.1	CV849-010	Original	1/2 NQ
CV25-849	67.2	68.3	1.0	CV849-011	Original	1/2 NQ
CV25-849				CV849-012	1/4" Silica Blank	
CV25-849	68.3	69.8	1.5	CV849-013	Original	1/2 NQ
CV25-849	69.8	71.3	1.5	CV849-014	Original	1/2 NQ
CV25-849	71.3	72.2	1.0	CV849-015	Original	1/2 NQ
CV25-849	72.2	73.2	1.0	CV849-016	Original	1/2 NQ
CV25-849	73.2	74.3	1.1	CV849-017	Original	1/2 NQ
CV25-849				CV849-018	OREAS 751	
CV25-849	74.3	75.5	1.2	CV849-019	Original	1/2 NQ
CV25-849	75.5	76.7	1.2	CV849-020	Original	1/2 NQ
CV25-849	76.7	78.2	1.5	CV849-021	Original	1/2 NQ
CV25-849	78.2	79.8	1.7	CV849-022	Original	1/2 NQ
CV25-849	79.8	81.4	1.6	CV849-023	Original	1/2 NQ
CV25-849	81.4	81.9	0.5	CV849-024	Original	1/2 NQ
CV25-849	81.9	83.7	1.9	CV849-025	Original	1/2 NQ
CV25-849	83.7	85.7	1.9	CV849-026	Original	1/2 NQ
CV25-849	85.7	86.8	1.2	CV849-027	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-849	86.8	88.0	1.2	CV849-028	Original	1/2 NQ
CV25-849	88.0	88.7	0.7	CV849-029	Original	1/2 NQ
CV25-849	88.0	88.7	0.7	CV849-029x	Ext Dup-P	
CV25-849	88.0	88.7	0.7	CV849-030	Dup-P	
CV25-849	88.7	90.5	1.8	CV849-031	Original	1/2 NQ
CV25-849	90.5	92.0	1.5	CV849-032	Original	1/2 NQ
CV25-849	92.0	93.5	1.5	CV849-033	Original	1/2 NQ
CV25-849	93.5	95.0	1.5	CV849-034	Original	1/2 NQ
CV25-849	95.0	96.5	1.5	CV849-035	Original	1/2 NQ
CV25-849	96.5	98.4	1.9	CV849-036	Original	1/2 NQ
CV25-849				CV849-037	1/4" Silica Blank	
CV25-849	98.4	99.9	1.5	CV849-038	Original	1/2 NQ
CV25-849	99.9	100.6	0.7	CV849-039	Original	1/2 NQ
CV25-849	100.6	102.1	1.5	CV849-040	Original	1/2 NQ
CV25-849	102.1	103.2	1.0	CV849-041	Original	1/2 NQ
CV25-849	103.2	104.2	1.0	CV849-042	Original	1/2 NQ
CV25-849				CV849-043	OREAS 752	
CV25-849	104.2	105.7	1.5	CV849-044	Original	1/2 NQ
CV25-849	105.7	106.9	1.3	CV849-045	Original	1/2 NQ
CV25-849	106.9	108.4	1.5	CV849-046	Original	1/2 NQ
CV25-849	108.4	109.3	0.9	CV849-047	Original	1/2 NQ
CV25-849	109.3	110.8	1.5	CV849-048	Original	1/2 NQ
CV25-849	112.8	114.3	1.5	CV849-049	Original	1/2 NQ
CV25-849	118.8	119.3	0.5	CV849-050	Original	1/2 NQ
CV25-849	128.5	130.0	1.5	CV849-051	Original	1/2 NQ
CV25-849	137.5	138.6	1.2	CV849-052	Original	1/2 NQ
CV25-849	138.6	139.6	1.0	CV849-053	Original	1/2 NQ
CV25-849	144.7	146.2	1.5	CV849-054	Original	1/2 NQ
CV25-849	144.7	146.2	1.5	CV849-054x	Ext Dup-P	
CV25-849	144.7	146.2	1.5	CV849-055	Dup-P	
CV25-849	149.0	150.5	1.5	CV849-056	Original	1/2 NQ
CV25-849	150.5	152.0	1.5	CV849-057	Original	1/2 NQ
CV25-850	4.0	5.5	1.5	CV850-001	Original	1/2 NQ
CV25-850	10.0	11.0	1.0	CV850-002	Original	1/2 NQ
CV25-850	11.0	12.0	1.0	CV850-003	Original	1/2 NQ
CV25-850	12.0	12.5	0.5	CV850-004	Original	1/2 NQ
CV25-850	12.0	12.5	0.5	CV850-004x	Ext Dup-P	1/2 NQ
CV25-850	12.0	12.5	0.5	CV850-005	Dup-P	1/2 NQ
CV25-850	14.0	14.5	0.5	CV850-006	Original	1/2 NQ
CV25-850	19.5	20.0	0.5	CV850-007	Original	1/2 NQ
CV25-850	20.0	21.5	1.5	CV850-008	Original	1/2 NQ
CV25-850	26.0	27.1	1.1	CV850-009	Original	1/2 NQ
CV25-850	28.7	29.2	0.5	CV850-010	Original	1/2 NQ
CV25-850	31.7	32.2	0.5	CV850-011	Original	1/2 NQ
CV25-850				CV850-012	1/4" Silica Blank	

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-850	33.8	34.3	0.5	CV850-013	Original	1/2 NQ
CV25-850	34.3	34.8	0.5	CV850-014	Original	1/2 NQ
CV25-850	34.8	35.3	0.5	CV850-015	Original	1/2 NQ
CV25-850	35.3	35.8	0.5	CV850-016	Original	1/2 NQ
CV25-850	35.8	37.2	1.5	CV850-017	Original	1/2 NQ
CV25-850				CV850-018	OREAS 753	
CV25-850				CV850-018x	OREAS 753	
CV25-850	37.2	38.9	1.7	CV850-019	Original	1/2 NQ
CV25-850	38.9	39.4	0.5	CV850-020	Original	1/2 NQ
CV25-850	39.4	40.0	0.6	CV850-021	Original	1/2 NQ
CV25-850	43.0	44.5	1.5	CV850-022	Original	1/2 NQ
CV25-850	51.0	52.5	1.5	CV850-023	Original	1/2 NQ
CV25-850	57.5	58.7	1.3	CV850-024	Original	1/2 NQ
CV25-850	60.6	62.5	1.9	CV850-025	Original	1/2 NQ
CV25-850	64.5	65.5	1.0	CV850-026	Original	1/2 NQ
CV25-850	70.0	71.5	1.5	CV850-027	Original	1/2 NQ
CV25-850	71.5	72.0	0.5	CV850-028	Original	1/2 NQ
CV25-850	75.3	77.3	2.0	CV850-029	Original	1/2 NQ
CV25-850	75.3	77.3	2.0	CV850-029x	Ext Dup-P	1/2 NQ
CV25-850	75.3	77.3	2.0	CV850-030	Dup-P	1/2 NQ
CV25-850	84.0	85.0	1.0	CV850-031	Original	1/2 NQ
CV25-850	88.0	89.5	1.5	CV850-032	Original	1/2 NQ
CV25-850	92.4	93.0	0.6	CV850-033	Original	1/2 NQ
CV25-850	95.9	97.3	1.4	CV850-034	Original	1/2 NQ
CV25-850	97.3	98.8	1.6	CV850-035	Original	1/2 NQ
CV25-850	98.8	99.3	0.5	CV850-036	Original	1/2 NQ
CV25-850				CV850-037	1/4" Silica Blank	
CV25-850	99.3	100.8	1.5	CV850-038	Original	1/2 NQ
CV25-850	100.8	101.3	0.5	CV850-039	Original	1/2 NQ
CV25-850	104.5	105.1	0.6	CV850-040	Original	1/2 NQ
CV25-850	109.5	110.0	0.6	CV850-041	Original	1/2 NQ
CV25-850	116.5	118.0	1.5	CV850-042	Original	1/2 NQ
CV25-850				CV850-043	OREAS 751	
CV25-850	122.0	122.5	0.5	CV850-044	Original	1/2 NQ
CV25-850	132.0	132.5	0.5	CV850-045	Original	1/2 NQ
CV25-850	135.0	136.5	1.5	CV850-046	Original	1/2 NQ
CV25-850	138.5	140.0	1.5	CV850-047	Original	1/2 NQ
CV25-850	140.0	141.5	1.5	CV850-048	Original	1/2 NQ
CV25-850	146.3	146.8	0.5	CV850-049	Original	1/2 NQ
CV25-850	146.8	148.1	1.3	CV850-050	Original	1/2 NQ
CV25-850	148.1	148.6	0.5	CV850-051	Original	1/2 NQ
CV25-850	151.0	151.5	0.5	CV850-052	Original	1/2 NQ
CV25-852	2.9	3.4	0.5	CV852-001	Original	1/2 NQ
CV25-852	3.4	4.5	1.1	CV852-002	Original	1/2 NQ
CV25-852	4.5	5.0	0.5	CV852-003	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-852	7.0	8.5	1.5	CV852-004	Original	1/2 NQ
CV25-852	7.0	8.5	1.5	CV852-004x	Ext Dup-P	1/2 NQ
CV25-852	7.0	8.5	1.5	CV852-005	Dup-P	1/2 NQ
CV25-852	8.5	10.5	2.0	CV852-006	Original	1/2 NQ
CV25-852	10.5	12.0	1.5	CV852-007	Original	1/2 NQ
CV25-852	27.0	28.0	1.0	CV852-008	Original	1/2 NQ
CV25-852	32.3	32.8	0.5	CV852-009	Original	1/2 NQ
CV25-852	32.8	34.3	1.5	CV852-010	Original	1/2 NQ
CV25-852	39.0	40.5	1.5	CV852-011	Original	1/2 NQ
CV25-852				CV852-012	1/4" Silica Blank	
CV25-852	43.0	44.2	1.2	CV852-013	Original	1/2 NQ
CV25-852	44.2	45.4	1.2	CV852-014	Original	1/2 NQ
CV25-852	45.4	45.9	0.5	CV852-015	Original	1/2 NQ
CV25-852	45.9	46.9	1.0	CV852-016	Original	1/2 NQ
CV25-852	49.4	49.9	0.5	CV852-017	Original	1/2 NQ
CV25-852				CV852-018	OREAS 753	
CV25-852	52.6	54.1	1.5	CV852-019	Original	1/2 NQ
CV25-852	54.1	55.6	1.5	CV852-020	Original	1/2 NQ
CV25-852	58.0	59.5	1.5	CV852-021	Original	1/2 NQ
CV25-852	63.5	65.0	1.5	CV852-022	Original	1/2 NQ
CV25-852	65.0	66.5	1.5	CV852-023	Original	1/2 NQ
CV25-852	76.0	77.5	1.5	CV852-024	Original	1/2 NQ
CV25-852	88.5	90.0	1.5	CV852-025	Original	1/2 NQ
CV25-852	97.5	99.0	1.5	CV852-026	Original	1/2 NQ
CV25-852	107.6	109.1	1.5	CV852-027	Original	1/2 NQ
CV25-852	109.1	109.9	0.8	CV852-028	Original	1/2 NQ
CV25-852	112.0	113.5	1.5	CV852-029	Original	1/2 NQ
CV25-852	112.0	113.5	1.5	CV852-029x	Ext Dup-P	1/2 NQ
CV25-852	112.0	113.5	1.5	CV852-030	Dup-P	1/2 NQ
CV25-852	113.5	115.5	2.0	CV852-031	Original	1/2 NQ
CV25-852	115.5	117.5	2.0	CV852-032	Original	1/2 NQ
CV25-852	117.5	119.5	2.0	CV852-033	Original	1/2 NQ
CV25-852	119.5	121.1	1.6	CV852-034	Original	1/2 NQ
CV25-852	132.0	133.5	1.5	CV852-035	Original	1/2 NQ
CV25-852	138.6	140.1	1.5	CV852-036	Original	1/2 NQ
CV25-852				CV852-037	1/4" Silica Blank	
CV25-852	140.1	141.1	1.1	CV852-038	Original	1/2 NQ
CV25-852	141.1	142.6	1.4	CV852-039	Original	1/2 NQ
CV25-852	142.6	143.6	1.0	CV852-040	Original	1/2 NQ
CV25-852	143.6	144.2	0.7	CV852-041	Original	1/2 NQ
CV25-852	144.2	145.3	1.1	CV852-042	Original	1/2 NQ
CV25-852				CV852-043	OREAS 751	
CV25-852	145.3	146.3	1.0	CV852-044	Original	1/2 NQ
CV25-852	146.3	147.6	1.3	CV852-045	Original	1/2 NQ
CV25-852	147.6	149.6	2.0	CV852-046	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-852	149.6	151.6	2.0	CV852-047	Original	1/2 NQ
CV25-853	5.0	5.5	0.5	CV853-001	Original	1/2 NQ
CV25-853	9.0	10.5	1.5	CV853-002	Original	1/2 NQ
CV25-853	17.0	18.5	1.5	CV853-003	Original	1/2 NQ
CV25-853	21.0	22.5	1.5	CV853-004	Original	1/2 NQ
CV25-853	21.0	22.5	1.5	CV853-004x	Ext Dup-P	1/2 NQ
CV25-853	21.0	22.5	1.5	CV853-005	Dup-P	1/2 NQ
CV25-853	30.0	31.5	1.5	CV853-006	Original	1/2 NQ
CV25-853	38.5	40.0	1.5	CV853-007	Original	1/2 NQ
CV25-853	50.5	52.0	1.5	CV853-008	Original	1/2 NQ
CV25-853	53.8	54.3	0.5	CV853-009	Original	1/2 NQ
CV25-853	56.0	57.5	1.5	CV853-010	Original	1/2 NQ
CV25-853	60.0	61.5	1.5	CV853-011	Original	1/2 NQ
CV25-853				CV853-012	1/4" Silica Blank	
CV25-853	65.0	66.5	1.5	CV853-013	Original	1/2 NQ
CV25-853	72.5	74.0	1.5	CV853-014	Original	1/2 NQ
CV25-853	76.8	77.3	0.5	CV853-015	Original	1/2 NQ
CV25-853	81.5	83.0	1.5	CV853-016	Original	1/2 NQ
CV25-853	88.0	89.5	1.5	CV853-017	Original	1/2 NQ
CV25-853				CV853-018	OREAS 752	
CV25-853	95.0	96.5	1.5	CV853-019	Original	1/2 NQ
CV25-853	104.3	105.7	1.5	CV853-020	Original	1/2 NQ
CV25-853	111.5	113.0	1.5	CV853-021	Original	1/2 NQ
CV25-853	120.0	121.5	1.5	CV853-022	Original	1/2 NQ
CV25-853	124.3	125.5	1.2	CV853-023	Original	1/2 NQ
CV25-853	125.5	127.0	1.5	CV853-024	Original	1/2 NQ
CV25-853	137.5	139.0	1.5	CV853-025	Original	1/2 NQ
CV25-853	146.0	147.5	1.5	CV853-026	Original	1/2 NQ
CV25-853	150.0	151.5	1.5	CV853-027	Original	1/2 NQ
CV25-855	5.0	6.5	1.5	CV855-001	Original	1/2 NQ
CV25-855	9.2	10.2	1.0	CV855-002	Original	1/2 NQ
CV25-855	17.5	19.0	1.5	CV855-003	Original	1/2 NQ
CV25-855	24.0	25.8	1.8	CV855-004	Original	1/2 NQ
CV25-855	24.0	25.8	1.8	CV855-004x	Ext Dup-P	1/2 NQ
CV25-855	24.0	25.8	1.8	CV855-005	Dup-P	1/2 NQ
CV25-855	25.8	27.6	1.7	CV855-006	Original	1/2 NQ
CV25-855	27.6	28.6	1.1	CV855-007	Original	1/2 NQ
CV25-855	28.6	29.1	0.5	CV855-008	Original	1/2 NQ
CV25-855	29.1	30.6	1.5	CV855-009	Original	1/2 NQ
CV25-855	35.5	36.5	1.0	CV855-010	Original	1/2 NQ
CV25-855	44.8	46.3	1.5	CV855-011	Original	1/2 NQ
CV25-855				CV855-012	1/4" Silica Blank	
CV25-855				CV855-012x	1/4" Silica Blank	
CV25-855	51.0	52.5	1.5	CV855-013	Original	1/2 NQ
CV25-855	54.9	55.8	0.9	CV855-014	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-855	55.8	57.2	1.4	CV855-015	Original	1/2 NQ
CV25-855	57.2	58.9	1.7	CV855-016	Original	1/2 NQ
CV25-855	58.9	60.2	1.3	CV855-017	Original	1/2 NQ
CV25-855				CV855-018	OREAS 752	
CV25-855	60.2	60.7	0.5	CV855-019	Original	1/2 NQ
CV25-855	63.5	64.0	0.5	CV855-020	Original	1/2 NQ
CV25-855	68.3	69.8	1.5	CV855-021	Original	1/2 NQ
CV25-855	69.8	70.3	0.5	CV855-022	Original	1/2 NQ
CV25-855	70.3	71.8	1.5	CV855-023	Original	1/2 NQ
CV25-855	71.8	73.8	2.0	CV855-024	Original	1/2 NQ
CV25-855	73.8	75.9	2.1	CV855-025	Original	1/2 NQ
CV25-855	82.0	84.0	2.0	CV855-026	Original	1/2 NQ
CV25-855	84.0	86.0	2.0	CV855-027	Original	1/2 NQ
CV25-855	86.0	86.5	0.5	CV855-028	Original	1/2 NQ
CV25-855	88.5	90.0	1.5	CV855-029	Original	1/2 NQ
CV25-855	88.5	90.0	1.5	CV855-029x	Ext Dup-P	1/2 NQ
CV25-855	88.5	90.0	1.5	CV855-030	Dup-P	1/2 NQ
CV25-855	94.4	95.8	1.5	CV855-031	Original	1/2 NQ
CV25-855	95.8	97.3	1.5	CV855-032	Original	1/2 NQ
CV25-855	97.3	99.2	1.9	CV855-033	Original	1/2 NQ
CV25-855	99.2	99.7	0.5	CV855-034	Original	1/2 NQ
CV25-855	99.7	100.5	0.9	CV855-035	Original	1/2 NQ
CV25-855	100.5	101.6	1.1	CV855-036	Original	1/2 NQ
CV25-855				CV855-037	1/4" Silica Blank	
CV25-855	101.6	103.1	1.5	CV855-038	Original	1/2 NQ
CV25-855	103.1	104.6	1.5	CV855-039	Original	1/2 NQ
CV25-855	107.7	108.2	0.5	CV855-040	Original	1/2 NQ
CV25-855	114.8	115.3	0.5	CV855-041	Original	1/2 NQ
CV25-855	119.0	120.5	1.5	CV855-042	Original	1/2 NQ
CV25-855				CV855-043	OREAS 753	
CV25-855	120.5	122.0	1.5	CV855-044	Original	1/2 NQ
CV25-855	122.0	123.0	1.0	CV855-045	Original	1/2 NQ
CV25-855	123.0	124.0	1.0	CV855-046	Original	1/2 NQ
CV25-855	124.0	125.1	1.1	CV855-047	Original	1/2 NQ
CV25-855	125.1	127.1	2.0	CV855-048	Original	1/2 NQ
CV25-855	127.1	129.1	2.0	CV855-049	Original	1/2 NQ
CV25-855	129.1	131.1	2.0	CV855-050	Original	1/2 NQ
CV25-855	131.1	132.8	1.6	CV855-051	Original	1/2 NQ
CV25-855	132.8	134.4	1.7	CV855-052	Original	1/2 NQ
CV25-855	134.4	134.9	0.5	CV855-053	Original	1/2 NQ
CV25-855	134.9	136.0	1.1	CV855-054	Original	1/2 NQ
CV25-855	134.9	136.0	1.1	CV855-054x	Ext Dup-P	1/2 NQ
CV25-855	134.9	136.0	1.1	CV855-055	Dup-P	1/2 NQ
CV25-855	136.0	137.2	1.2	CV855-056	Original	1/2 NQ
CV25-855	137.2	138.2	1.0	CV855-057	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-855	138.2	140.1	1.9	CV855-058	Original	1/2 NQ
CV25-855	140.1	140.9	0.9	CV855-059	Original	1/2 NQ
CV25-855	140.9	142.8	1.9	CV855-060	Original	1/2 NQ
CV25-855	142.8	144.5	1.7	CV855-061	Original	1/2 NQ
CV25-855				CV855-062	1/4" Silica Blank	
CV25-855	144.5	145.9	1.4	CV855-063	Original	1/2 NQ
CV25-855	145.9	147.4	1.5	CV855-064	Original	1/2 NQ
CV25-855	150.0	151.5	1.5	CV855-065	Original	1/2 NQ
CV25-856	5.5	7.0	1.5	CV856-001	Original	1/2 NQ
CV25-856	27.0	28.5	1.5	CV856-002	Original	1/2 NQ
CV25-856	41.0	42.5	1.5	CV856-003	Original	1/2 NQ
CV25-856	45.0	47.0	2.0	CV856-004	Original	1/2 NQ
CV25-856	45.0	47.0	2.0	CV856-004x	Ext Dup-P	1/2 NQ
CV25-856	45.0	47.0	2.0	CV856-005	Dup-P	1/2 NQ
CV25-856	47.0	49.0	2.0	CV856-006	Original	1/2 NQ
CV25-856	49.0	51.0	2.0	CV856-007	Original	1/2 NQ
CV25-856	51.0	53.0	2.0	CV856-008	Original	1/2 NQ
CV25-856	53.0	54.5	1.5	CV856-009	Original	1/2 NQ
CV25-856	54.5	56.0	1.5	CV856-010	Original	1/2 NQ
CV25-856	56.0	57.4	1.4	CV856-011	Original	1/2 NQ
CV25-856				CV856-012	1/4" Silica Blank	
CV25-856	57.4	58.5	1.1	CV856-013	Original	1/2 NQ
CV25-856	58.5	60.0	1.5	CV856-014	Original	1/2 NQ
CV25-856	60.0	60.8	0.8	CV856-015	Original	1/2 NQ
CV25-856	60.8	61.5	0.7	CV856-016	Original	1/2 NQ
CV25-856	61.5	63.0	1.5	CV856-017	Original	1/2 NQ
CV25-856				CV856-018	OREAS 753	
CV25-856	63.0	64.5	1.5	CV856-019	Original	1/2 NQ
CV25-856	64.5	66.5	2.0	CV856-020	Original	1/2 NQ
CV25-856	66.5	68.5	2.0	CV856-021	Original	1/2 NQ
CV25-856	72.0	73.5	1.5	CV856-022	Original	1/2 NQ
CV25-856	92.0	92.5	0.5	CV856-023	Original	1/2 NQ
CV25-856	95.0	96.5	1.5	CV856-024	Original	1/2 NQ
CV25-856	115.5	117.0	1.5	CV856-025	Original	1/2 NQ
CV25-856	134.0	135.5	1.5	CV856-026	Original	1/2 NQ
CV25-856	145.5	146.0	0.5	CV856-027	Original	1/2 NQ
CV25-856	150.0	151.5	1.5	CV856-028	Original	1/2 NQ
CV25-857	7.0	7.5	0.5	CV857-001	Original	1/2 NQ
CV25-857	7.5	9.0	1.5	CV857-002	Original	1/2 NQ
CV25-857	12.6	14.6	2.0	CV857-003	Original	1/2 NQ
CV25-857	14.6	15.1	0.5	CV857-004	Original	1/2 NQ
CV25-857	14.6	15.1	0.5	CV857-004x	Ext Dup-P	
CV25-857	14.6	15.1	0.5	CV857-005	Dup-P	
CV25-857	20.5	22.0	1.5	CV857-006	Original	1/2 NQ
CV25-857	24.0	25.5	1.5	CV857-007	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-857	30.4	31.6	1.2	CV857-008	Original	1/2 NQ
CV25-857	31.6	32.4	0.8	CV857-009	Original	1/2 NQ
CV25-857	32.4	33.4	1.0	CV857-010	Original	1/2 NQ
CV25-857	42.5	44.0	1.5	CV857-011	Original	1/2 NQ
CV25-857				CV857-012	1/4" Silica Blank	
CV25-857	47.5	48.5	1.0	CV857-013	Original	1/2 NQ
CV25-857	50.5	51.3	0.8	CV857-014	Original	1/2 NQ
CV25-857	61.3	61.8	0.5	CV857-015	Original	1/2 NQ
CV25-857	62.5	64.0	1.5	CV857-016	Original	1/2 NQ
CV25-857	72.0	72.5	0.5	CV857-017	Original	1/2 NQ
CV25-857				CV857-018	OREAS 752	
CV25-857	82.0	84.0	2.0	CV857-019	Original	1/2 NQ
CV25-857	84.0	85.5	1.5	CV857-020	Original	1/2 NQ
CV25-857	98.5	99.0	0.5	CV857-021	Original	1/2 NQ
CV25-857	102.0	103.5	1.5	CV857-022	Original	1/2 NQ
CV25-857	114.0	115.5	1.5	CV857-023	Original	1/2 NQ
CV25-857	137.0	138.5	1.5	CV857-024	Original	1/2 NQ
CV25-857	145.5	147.0	1.5	CV857-025	Original	1/2 NQ
CV25-857	147.0	148.4	1.4	CV857-026	Original	1/2 NQ
CV25-860	12.0	13.5	1.5	CV860-001	Original	1/2 NQ
CV25-860	30.0	31.5	1.5	CV860-002	Original	1/2 NQ
CV25-860	44.1	46.2	2.1	CV860-003	Original	1/2 NQ
CV25-860	51.5	53.0	1.5	CV860-004	Original	1/2 NQ
CV25-860	51.5	53.0	1.5	CV860-004x	Ext Dup-P	1/2 NQ
CV25-860	51.5	53.0	1.5	CV860-005	Dup-P	1/2 NQ
CV25-860	69.0	70.5	1.5	CV860-006	Original	1/2 NQ
CV25-860	73.8	74.3	0.5	CV860-007	Original	1/2 NQ
CV25-860	81.2	81.7	0.5	CV860-008	Original	1/2 NQ
CV25-860	91.1	92.6	1.5	CV860-009	Original	1/2 NQ
CV25-860	92.6	93.9	1.3	CV860-010	Original	1/2 NQ
CV25-860	93.9	95.4	1.5	CV860-011	Original	1/2 NQ
CV25-860				CV860-012	1/4" Silica Blank	
CV25-860	95.4	96.9	1.5	CV860-013	Original	1/2 NQ
CV25-860	96.9	98.5	1.6	CV860-014	Original	1/2 NQ
CV25-860	98.5	100.0	1.5	CV860-015	Original	1/2 NQ
CV25-860	100.0	100.9	0.9	CV860-016	Original	1/2 NQ
CV25-860	100.9	102.4	1.5	CV860-017	Original	1/2 NQ
CV25-860				CV860-018	OREAS 752	
CV25-860	102.4	103.9	1.5	CV860-019	Original	1/2 NQ
CV25-860	111.4	112.1	0.6	CV860-020	Original	1/2 NQ
CV25-860	122.0	123.5	1.5	CV860-021	Original	1/2 NQ
CV25-860	142.0	143.5	1.5	CV860-022	Original	1/2 NQ
CV25-861	4.0	5.5	1.5	CV861-001	Original	1/2 NQ
CV25-861	18.5	20.5	2.0	CV861-002	Original	1/2 NQ
CV25-861	25.0	26.5	1.5	CV861-003	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-861	44.0	45.5	1.5	CV861-004	Original	1/2 NQ
CV25-861	44.0	45.5	1.5	CV861-004x	Ext Dup-P	1/2 NQ
CV25-861	44.0	45.5	1.5	CV861-005	Dup-P	1/2 NQ
CV25-861	60.5	61.0	0.5	CV861-006	Original	1/2 NQ
CV25-861	64.0	65.5	1.5	CV861-007	Original	1/2 NQ
CV25-861	87.0	88.5	1.5	CV861-008	Original	1/2 NQ
CV25-861	99.0	101.0	2.0	CV861-009	Original	1/2 NQ
CV25-861	101.0	103.0	2.0	CV861-010	Original	1/2 NQ
CV25-861	103.0	104.5	1.5	CV861-011	Original	1/2 NQ
CV25-861				CV861-012	1/4" Silica Blank	
CV25-861	104.5	106.0	1.5	CV861-013	Original	1/2 NQ
CV25-861	106.0	108.0	2.0	CV861-014	Original	1/2 NQ
CV25-861	108.0	109.5	1.5	CV861-015	Original	1/2 NQ
CV25-861	109.5	110.0	0.5	CV861-016	Original	1/2 NQ
CV25-861	126.5	127.3	0.8	CV861-017	Original	1/2 NQ
CV25-861				CV861-018	OREAS 752	
CV25-861	127.3	128.8	1.5	CV861-019	Original	1/2 NQ
CV25-861	144.0	145.5	1.5	CV861-020	Original	1/2 NQ
CV25-862	16.0	17.5	1.5	CV862-001	Original	1/2 NQ
CV25-862	38.0	39.5	1.5	CV862-002	Original	1/2 NQ
CV25-862	51.6	52.5	0.9	CV862-003	Original	1/2 NQ
CV25-862	52.5	53.2	0.7	CV862-004	Original	1/2 NQ
CV25-862	52.5	53.2	0.7	CV862-004x	Ext Dup-P	1/2 NQ
CV25-862	52.5	53.2	0.7	CV862-005	Dup-P	1/2 NQ
CV25-862	59.0	60.5	1.5	CV862-006	Original	1/2 NQ
CV25-862	72.6	73.1	0.5	CV862-007	Original	1/2 NQ
CV25-862	75.1	75.6	0.5	CV862-008	Original	1/2 NQ
CV25-862	78.9	79.4	0.5	CV862-009	Original	1/2 NQ
CV25-862	79.4	80.9	1.5	CV862-010	Original	1/2 NQ
CV25-862	98.5	100.0	1.5	CV862-011	Original	1/2 NQ
CV25-862				CV862-012	1/4" Silica Blank	
CV25-862	116.8	117.8	1.0	CV862-013	Original	1/2 NQ
CV25-862	117.8	118.9	1.1	CV862-014	Original	1/2 NQ
CV25-862	118.9	120.9	2.1	CV862-015	Original	1/2 NQ
CV25-862	124.0	125.5	1.5	CV862-016	Original	1/2 NQ
CV25-862	125.5	126.4	0.9	CV862-017	Original	1/2 NQ
CV25-862				CV862-018	OREAS 753	
CV25-862	126.4	128.1	1.7	CV862-019	Original	1/2 NQ
CV25-862	138.5	139.0	0.5	CV862-020	Original	1/2 NQ
CV25-862	139.0	140.0	1.0	CV862-021	Original	1/2 NQ
CV25-862	140.0	141.0	1.0	CV862-022	Original	1/2 NQ
CV25-862	141.0	141.9	0.9	CV862-023	Original	1/2 NQ
CV25-862	141.9	143.5	1.6	CV862-024	Original	1/2 NQ
CV25-862	143.5	144.4	0.9	CV862-025	Original	1/2 NQ
CV25-862	144.4	145.4	1.0	CV862-026	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-865	5.5	7.5	2.0	CV865-001	Original	1/2 NQ
CV25-865	17.0	18.5	1.5	CV865-002	Original	1/2 NQ
CV25-865	37.0	38.5	1.5	CV865-003	Original	1/2 NQ
CV25-865	54.0	55.5	1.5	CV865-004	Original	1/2 NQ
CV25-865	54.0	55.5	1.5	CV865-004x	Ext Dup-P	1/2 NQ
CV25-865	54.0	55.5	1.5	CV865-005	Dup-P	1/2 NQ
CV25-865	73.5	75.0	1.5	CV865-006	Original	1/2 NQ
CV25-865	88.6	89.5	0.9	CV865-007	Original	1/2 NQ
CV25-865	96.0	97.5	1.5	CV865-008	Original	1/2 NQ
CV25-865	118.0	119.5	1.5	CV865-009	Original	1/2 NQ
CV25-865	137.5	139.0	1.5	CV865-010	Original	1/2 NQ
CV25-865	149.0	150.0	1.0	CV865-011	Original	1/2 NQ
CV25-865				CV865-012	1/4" Silica Blank	
CV25-867	9.5	11.0	1.5	CV867-001	Original	1/2 NQ
CV25-867	29.5	31.0	1.5	CV867-002	Original	1/2 NQ
CV25-867	45.4	46.0	0.6	CV867-003	Original	1/2 NQ
CV25-867	49.0	50.5	1.5	CV867-004	Original	1/2 NQ
CV25-867	49.0	50.5	1.5	CV867-004x	Ext Dup-P	1/2 NQ
CV25-867	49.0	50.5	1.5	CV867-005	Dup-P	1/2 NQ
CV25-867	53.1	53.6	0.5	CV867-006	Original	1/2 NQ
CV25-867	71.5	73.0	1.5	CV867-007	Original	1/2 NQ
CV25-867	88.5	90.0	1.5	CV867-008	Original	1/2 NQ
CV25-867	93.5	95.0	1.5	CV867-009	Original	1/2 NQ
CV25-867	99.6	100.1	0.5	CV867-010	Original	1/2 NQ
CV25-867	115.0	116.5	1.5	CV867-011	Original	1/2 NQ
CV25-867				CV867-012	1/4" Silica Blank	
CV25-867	134.0	135.5	1.5	CV867-013	Original	1/2 NQ
CV25-867	135.5	136.0	0.5	CV867-014	Original	1/2 NQ
CV25-867	146.3	146.8	0.5	CV867-015	Original	1/2 NQ
CV25-867	150.5	152.0	1.5	CV867-016	Original	1/2 NQ
CV25-869	15.0	16.5	1.5	CV869-001	Original	1/2 NQ
CV25-869	35.9	36.8	0.9	CV869-002	Original	1/2 NQ
CV25-869	36.8	38.5	1.7	CV869-003	Original	1/2 NQ
CV25-869	38.5	39.1	0.6	CV869-004	Original	1/2 NQ
CV25-869	38.5	39.1	0.6	CV869-004x	Ext Dup-P	1/2 NQ
CV25-869	38.5	39.1	0.6	CV869-005	Dup-P	1/2 NQ
CV25-869	38.5	39.1	0.6	CV869-005x	DupExt Dup-P	1/2 NQ
CV25-869	39.1	40.3	1.2	CV869-006	Original	1/2 NQ
CV25-869	40.3	41.3	1.0	CV869-007	Original	1/2 NQ
CV25-869	41.3	43.1	1.8	CV869-008	Original	1/2 NQ
CV25-869	43.1	45.0	2.0	CV869-009	Original	1/2 NQ
CV25-869	45.0	46.6	1.6	CV869-010	Original	1/2 NQ
CV25-869	46.6	48.0	1.4	CV869-011	Original	1/2 NQ
CV25-869				CV869-012	1/4" Silica Blank	
CV25-869	54.5	56.0	1.5	CV869-013	Original	1/2 NQ

Hole ID	From (m)	To (m)	Length (m)	Sample ID	Sample Type	Source
CV25-869	74.5	76.0	1.5	CV869-014	Original	1/2 NQ
CV25-869	89.5	91.0	1.5	CV869-015	Original	1/2 NQ
CV25-869	108.0	109.5	1.5	CV869-016	Original	1/2 NQ
CV25-869	130.0	131.5	1.5	CV869-017	Original	1/2 NQ
CV25-869				CV869-018	OREAS 752	
CV25-869	146.8	147.3	0.5	CV869-019	Original	1/2 NQ
CV25-869	147.3	148.8	1.5	CV869-020	Original	1/2 NQ
CV25-870	23.5	24.6	1.1	CV870-001	Original	1/2 NQ
CV25-870	26.0	27.5	1.5	CV870-002	Original	1/2 NQ
CV25-870	30.3	30.8	0.5	CV870-003	Original	1/2 NQ
CV25-870	37.5	39.1	1.6	CV870-004	Original	1/2 NQ
CV25-870	37.5	39.1	1.6	CV870-004x	Ext Dup-P	1/2 NQ
CV25-870	37.5	39.1	1.6	CV870-005	Dup-P	1/2 NQ
CV25-870	39.1	40.5	1.4	CV870-006	Original	1/2 NQ
CV25-870	40.5	41.0	0.5	CV870-007	Original	1/2 NQ
CV25-870	44.0	45.5	1.5	CV870-008	Original	1/2 NQ
CV25-870	48.4	49.0	0.6	CV870-009	Original	1/2 NQ
CV25-870	56.0	56.5	0.5	CV870-010	Original	1/2 NQ
CV25-870	65.0	66.5	1.5	CV870-011	Original	1/2 NQ
CV25-870				CV870-012	1/4" Silica Blank	
CV25-870	74.0	75.5	1.5	CV870-013	Original	1/2 NQ
CV25-870	96.0	97.5	1.5	CV870-014	Original	1/2 NQ
CV25-870	112.0	113.5	1.5	CV870-015	Original	1/2 NQ
CV25-870	116.1	116.6	0.5	CV870-016	Original	1/2 NQ
CV25-870	129.5	131.0	1.5	CV870-017	Original	1/2 NQ
CV25-870				CV870-018	OREAS 751	
CV25-870	136.0	136.6	0.6	CV870-019	Original	1/2 NQ
CV25-870	143.5	145.0	1.5	CV870-020	Original	1/2 NQ
CV25-870	145.0	146.5	1.5	CV870-021	Original	1/2 NQ
CV25-870	146.5	148.0	1.5	CV870-022	Original	1/2 NQ
CV25-870	148.0	149.5	1.5	CV870-023	Original	1/2 NQ
CV25-870	149.5	150.5	1.0	CV870-024	Original	1/2 NQ
CV25-870	150.5	152.0	1.5	CV870-025	Original	1/2 NQ

APPENDIX III: GEOLOGICAL LOGS

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-807	0.0	3.0	3.0	Overburden	Overburden	OVB - Till
CV25-807	3.0	68.2	65.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-807	68.2	70.5	2.3	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-807	70.5	147.7	77.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-808	0.0	3.3	3.3	Overburden	Overburden	OVB - Till
CV25-808	3.3	43.1	39.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-808	43.1	113.0	69.9	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-808	113.0	126.4	13.5	Guyer Group	Amphibolite Group	Amphibolite
CV25-808	126.4	152.0	25.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-811	0.0	2.5	2.5	Overburden	Overburden	OVB - Till
CV25-811	2.5	8.0	5.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-811	8.0	20.3	12.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-811	20.3	152.0	131.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-812	0.0	142.7	142.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-812	142.7	146.5	3.8	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-812	146.5	151.9	5.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-815	0.0	7.7	7.7	Overburden	Overburden	OVB - Till
CV25-815	7.7	13.7	6.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-815	13.7	23.1	9.4	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-815	23.1	46.2	23.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-815	46.2	152.0	105.8	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-816	0.0	0.7	0.7	Overburden	Overburden	OVB - Till
CV25-816	0.7	8.9	8.2	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-816	8.9	83.3	74.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-816	83.3	95.1	11.8	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-816	95.1	100.4	5.4	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-816	100.4	106.1	5.7	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-816	106.1	110.7	4.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-816	110.7	117.3	6.6	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-816	117.3	122.0	4.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-816	122.0	128.4	6.4	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-816	128.4	151.9	23.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-820	0.0	2.3	2.3	Overburden	Overburden	OVB - Till
CV25-820	2.3	9.0	6.7	Guyer Group	Amphibolite Group	Amphibolite

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-820	9.0	37.3	28.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-820	37.3	64.2	26.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-820	64.2	97.9	33.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-820	97.9	112.4	14.5	Guyer Group	Amphibolite Group	Amphibolite
CV25-820	112.4	122.6	10.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-820	122.6	149.1	26.5	Guyer Group	Amphibolite Group	Amphibolite
CV25-821	0.0	30.6	30.6	Overburden	Overburden	OVB - Till
CV25-821	30.6	62.8	32.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-821	62.8	75.7	12.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-821	75.7	106.3	30.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-821	106.3	151.9	45.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-824	0.0	2.8	2.8	Overburden	Overburden	OVB - Till
CV25-824	2.8	7.4	4.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-824	7.4	14.3	6.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-824	14.3	20.4	6.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-824	20.4	85.1	64.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-824	85.1	100.7	15.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-824	100.7	116.5	15.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-824	116.5	121.4	4.9	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-824	121.4	152.0	30.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-826	0.0	25.7	25.7	Overburden	Overburden	OVB - Till
CV25-826	25.7	39.0	13.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-826	39.0	110.9	71.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-826	110.9	131.8	20.9	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-826	131.8	151.8	20.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-827	0.0	1.5	1.5	Overburden	Overburden	OVB - Till
CV25-827	1.5	11.2	9.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-827	11.2	38.4	27.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-827	38.4	122.7	84.3	Guyer Group	Amphibolite Group	Amphibolite
CV25-827	122.7	126.6	3.9	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-827	126.6	155.0	28.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-829	0.0	1.2	1.2	Overburden	Overburden	OVB - Till
CV25-829	1.2	116.0	114.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-829	116.0	151.9	35.9	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-831	0.0	1.3	1.3	Overburden	Overburden	OVB - Till
CV25-831	1.3	30.5	29.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-831	30.5	38.3	7.8	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-831	38.3	80.6	42.3	Guyer Group	Amphibolite Group	Amphibolite
CV25-831	80.6	152.1	71.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-834	0.0	3.9	3.9	Overburden	Overburden	OVB - Till

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-834	3.9	128.1	124.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-834	128.1	151.5	23.4	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-834	151.5	152.1	0.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-835	0.0	17.8	17.8	Overburden	Overburden	OVB - Till
CV25-835	17.8	24.2	6.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-835	24.2	44.5	20.3	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-835	44.5	49.6	5.1	Guyer Group	Amphibolite Group	Garnet amphibolite
CV25-835	49.6	132.3	82.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-835	132.3	149.7	17.4	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-835	149.7	155.1	5.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-838	0.0	12.5	12.5	Overburden	Overburden	OVB - Till
CV25-838	12.5	23.2	10.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-838	23.2	44.2	21.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-838	44.2	152.1	107.9	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-839	0.0	5.3	5.3	Overburden	Overburden	OVB - Till
CV25-839	5.3	50.1	44.8	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-839	50.1	63.1	13.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-839	63.1	151.8	88.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-840	0.0	3.3	3.3	Overburden	Overburden	OVB - Till
CV25-840	3.3	32.8	29.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-840	32.8	64.2	31.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-840	64.2	94.5	30.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-840	94.5	97.6	3.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-840	97.6	152.0	54.4	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-842	0.0	2.6	2.6	Overburden	Overburden	OVB - Till
CV25-842	2.6	15.8	13.2	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-842	15.8	28.9	13.1	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-842	28.9	29.4	0.6	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-842	29.4	31.2	1.7	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-842	31.2	32.9	1.8	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-842	32.9	48.5	15.6	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-842	48.5	49.9	1.4	Vieux Comptoir Granitic Suite	Pegmatite	Granitic pegmatite
CV25-842	49.9	152.0	102.2	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	0.0	2.5	2.5	Overburden	Overburden	OVB - Till

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-844	2.5	12.1	9.6	Dykes du Lac Esprit and Senneterre Dykes	Gabbronoritic diabase	Diabase
CV25-844	12.1	50.6	38.5	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	50.6	52.6	2.0	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-844	52.6	75.9	23.3	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	75.9	76.5	0.6	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-844	76.5	108.2	31.7	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	108.2	109.0	0.7	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-844	109.0	119.7	10.7	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	119.7	120.3	0.6	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-844	120.3	127.2	6.9	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	127.2	128.0	0.8	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-844	128.0	135.2	7.2	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-844	135.2	136.3	1.1	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-844	136.3	152.0	15.8	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-845	0.0	13.5	13.5	Overburden	Overburden	OVB - Till
CV25-845	13.5	27.1	13.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-845	27.1	30.9	3.8	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-845	30.9	35.4	4.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-845	35.4	45.4	10.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-845	45.4	48.2	2.8	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-845	48.2	87.9	39.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-845	87.9	94.6	6.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-845	94.6	99.2	4.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-845	99.2	107.2	8.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-845	107.2	124.0	16.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-845	124.0	126.0	2.0	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-845	126.0	148.4	22.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-845	148.4	151.9	3.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-848	0.0	6.0	6.0	Overburden	Overburden	OVB - Till
CV25-848	6.0	13.5	7.5	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-848	13.5	19.4	6.0	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-848	19.4	92.4	73.0	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-848	92.4	95.4	3.1	Bezier Suite	Pluton (Bezier)	Granitic pegmatite (Bezier)
CV25-848	95.4	96.2	0.7	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-848	96.2	144.8	48.6	Bezier Suite	Pluton (Bezier)	Granitic pegmatite (Bezier)
CV25-848	144.8	149.0	4.3	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-849	0.0	3.3	3.3	Overburden	Overburden	OVB - Till
CV25-849	3.3	36.7	33.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-849	36.7	61.6	24.9	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-849	61.6	65.2	3.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-849	65.2	67.2	2.1	Vieux Comptoir Granitic Suite	Pegmatite	Granitic pegmatite
CV25-849	67.2	68.3	1.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-849	68.3	72.2	3.9	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-849	72.2	74.3	2.1	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-849	74.3	76.7	2.4	Vieux Comptoir Granitic Suite	Pegmatite	Granitic pegmatite
CV25-849	76.7	79.8	3.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-849	79.8	85.7	5.8	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-849	85.7	88.0	2.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-849	88.0	90.5	2.5	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-849	90.5	93.5	3.0	Vieux Comptoir Granitic Suite	Pegmatite	Granitic pegmatite
CV25-849	93.5	99.9	6.4	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-849	99.9	100.6	0.7	Vieux Comptoir Granitic Suite	Pegmatite	Tourmaline pegmatite
CV25-849	100.6	103.2	2.5	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-849	103.2	104.2	1.0	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-849	104.2	105.7	1.5	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-849	105.7	106.9	1.3	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-849	106.9	108.4	1.5	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-849	108.4	109.3	0.9	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-849	109.3	114.7	5.4	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-849	114.7	120.6	5.9	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-849	120.6	137.5	16.9	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-849	137.5	152.0	14.6	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-850	0.0	2.6	2.6	Overburden	Overburden	OVB - Till
CV25-850	2.6	30.6	28.0	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-850	30.6	35.8	5.2	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-850	35.8	46.0	10.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-850	46.0	57.5	11.5	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-850	57.5	66.7	9.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-850	66.7	72.7	6.0	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-850	72.7	98.8	26.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-850	98.8	103.0	4.1	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-850	103.0	123.6	20.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-850	123.6	152.0	28.4	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-852	0.0	2.7	2.7	Overburden	Overburden	OVB - Till
CV25-852	2.7	38.6	35.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-852	38.6	85.7	47.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-852	85.7	90.6	4.9	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-852	90.6	105.1	14.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-852	105.1	109.1	4.0	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-852	109.1	113.5	4.4	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-852	113.5	121.1	7.6	Guyer Group	Iron formation (Guyer)	Semi/Massive sulphides
CV25-852	121.1	140.1	19.0	Guyer Group	Amphibolite Group	Amphibolite
CV25-852	140.1	141.1	1.1	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-852	141.1	142.6	1.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-852	142.6	143.6	1.0	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-852	143.6	144.2	0.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-852	144.2	151.6	7.4	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-852	151.6	151.8	0.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-853	0.0	2.5	2.5	Overburden	Overburden	OVB - Till
CV25-853	2.5	6.7	4.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-853	6.7	37.3	30.6	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-853	37.3	45.5	8.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-853	45.5	53.5	8.1	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-853	53.5	57.9	4.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-853	57.9	64.3	6.5	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-853	64.3	69.9	5.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-853	69.9	79.3	9.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-853	79.3	84.5	5.2	Guyer Group	Felsic volcanic	Felsic volcanic
CV25-853	84.5	92.3	7.8	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-853	92.3	109.7	17.5	Guyer Group	Amphibolite Group	Amphibolite
CV25-853	109.7	118.6	8.9	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-853	118.6	123.3	4.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-853	123.3	130.7	7.4	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-853	130.7	143.6	12.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-853	143.6	148.0	4.5	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-853	148.0	152.1	4.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-855	0.0	3.8	3.8	Overburden	Overburden	OVB - Till
CV25-855	3.8	22.5	18.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-855	22.5	27.6	5.1	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-855	27.6	28.6	1.1	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	28.6	69.8	41.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-855	69.8	70.3	0.5	Vieux Comptoir Granitic Suite	Pegmatite	Granitic pegmatite
CV25-855	70.3	94.4	24.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-855	94.4	97.3	3.0	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-855	97.3	101.6	4.3	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	101.6	118.0	16.4	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-855	118.0	122.0	4.0	Guyer Group	Amphibolite Group	Amphibolite
CV25-855	122.0	124.0	2.0	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	124.0	125.1	1.1	Bezier Suite	Pluton (Bezier)	Granodiorite (Bezier)
CV25-855	125.1	132.8	7.6	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	132.8	137.2	4.4	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-855	137.2	138.2	1.0	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	138.2	140.1	1.9	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-855	140.1	140.9	0.9	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	140.9	144.5	3.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-855	144.5	145.9	1.4	Vieux Comptoir Granitic Suite	Pegmatite	Feldspar pegmatite
CV25-855	145.9	152.0	6.1	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-856	0.0	1.6	1.6	Overburden	Overburden	OVB - Till
CV25-856	1.6	60.8	59.3	Guyer Group	Amphibolite Group	Amphibolite
CV25-856	60.8	91.5	30.7	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-856	91.5	152.0	60.5	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-857	0.0	1.6	1.6	Overburden	Overburden	OVB - Till
CV25-857	1.6	11.2	9.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-857	11.2	54.8	43.5	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-857	54.8	94.4	39.6	Guyer Group	Amphibolite Group	Amphibolite
CV25-857	94.4	109.7	15.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-857	109.7	119.9	10.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-857	119.9	143.7	23.8	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-857	143.7	152.0	8.3	Guyer Group	Amphibolite Group	Amphibolite
CV25-860	0.0	3.3	3.3	Overburden	Overburden	OVB - Till
CV25-860	3.3	50.2	46.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-860	50.2	53.5	3.2	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-860	53.5	78.1	24.6	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-860	78.1	92.6	14.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-860	92.6	96.9	4.3	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-860	96.9	100.0	3.1	Vieux Comptoir Granitic Suite	Pegmatite	Granitic pegmatite
CV25-860	100.0	100.9	0.9	Vieux Comptoir Granitic Suite	Pegmatite	Tourmaline pegmatite
CV25-860	100.9	111.1	10.2	Guyer Group	Amphibolite Group	Amphibolite
CV25-860	111.1	121.0	9.9	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-860	121.0	152.0	31.0	Guyer Group	Amphibolite Group	Amphibolite
CV25-861	0.0	1.8	1.8	Overburden	Overburden	OVB - Till
CV25-861	1.8	9.5	7.7	Guyer Group	Amphibolite Group	Amphibolite
CV25-861	9.5	32.3	22.7	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-861	32.3	85.1	52.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-861	85.1	110.0	24.9	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-861	110.0	134.8	24.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-861	134.8	152.1	17.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-862	0.0	6.3	6.3	Overburden	Overburden	OVB - Till
CV25-862	6.3	20.3	14.0	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-862	20.3	71.8	51.6	Guyer Group	Amphibolite Group	Amphibolite

Hole ID	From (m)	To (m)	Length (m)	Rock Type Group (validated)	Rock Type Modelled (validated)	Rock Type Detailed (validated)
CV25-862	71.8	151.9	80.1	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-865	0.0	1.8	1.8	Overburden	Overburden	OVB - Till
CV25-865	1.8	15.8	14.0	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-865	15.8	39.3	23.5	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-865	39.3	152.2	112.8	Guyer Group	Amphibolite Group	Amphibolite
CV25-867	0.0	6.1	6.1	Overburden	Overburden	OVB - Till
CV25-867	6.1	20.2	14.1	Guyer Group	Amphibolite Group	Amphibolite
CV25-867	20.2	65.6	45.4	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-867	65.6	83.5	17.9	Guyer Group	Amphibolite Group	Amphibolite
CV25-867	83.5	152.1	68.6	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-869	0.0	6.1	6.1	Overburden	Overburden	OVB - Till
CV25-869	6.1	35.4	29.4	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-869	35.4	43.1	7.6	Guyer Group	Iron formation (Guyer)	Iron formation (Garnet + FeOx)
CV25-869	43.1	70.7	27.7	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-869	70.7	77.2	6.5	Guyer Group	Amphibolite Group	Amphibolite
CV25-869	77.2	81.0	3.8	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-869	81.0	110.2	29.3	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-869	110.2	118.6	8.4	Guyer Group	Amphibolite Group	Amphibolite
CV25-869	118.6	128.8	10.2	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-869	128.8	136.4	7.6	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-869	136.4	144.7	8.3	Guyer Group	Mafic/Ultramafic	Ultramafic (undifferentiated)
CV25-869	144.7	149.0	4.3	Guyer Group	Metasediments (Guyer)	Metasediments (Guyer)
CV25-870	0.0	22.2	22.2	Overburden	Overburden	OVB - Till
CV25-870	22.2	68.4	46.3	Guyer Group	Amphibolite Group	Amphibolite
CV25-870	68.4	94.6	26.1	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-870	94.6	114.4	19.8	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-870	114.4	124.8	10.4	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)
CV25-870	124.8	132.0	7.2	Formation de Magin	Metasediments (Magin)	Wacke (Magin)
CV25-870	132.0	152.0	19.9	Formation de Magin	Metasediments (Magin)	Conglomerate (Magin)

APPENDIX IV: CORE SAMPLE CERTIFICATES

Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

To INNOVA LITHIUM INC
Att: DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-820	Date Received	21 May 2025
Project	Corvette	Date Analysed	26 May 2025 - 12 Jun 2025
Submission Number	Batch CDM-037	Date Completed	12 Jun 2025
Number of Samples	12	SGS Order Number	BBM25-49906

Methods Summary

Number of Samples	Method Code	Description
12	G_WGH_KG	Weight of samples received
12	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
12	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
10	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 12 Jun 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

ANALYSIS REPORT BBM25-49906

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV820-036	2.14	8.74	29	310	<5	4.5
CV820-037	2.52	8.53	14	216	<5	5.6
CV820-038	0.50	0.24	26	15	<5	<0.1
CV820-039	2.60	8.77	14	180	<5	6.1
CV820-040	2.67	9.05	31	177	<5	5.1
CV820-041	1.67	7.00	54	466	<5	4.0
CV820-042	1.84	6.60	29	306	<5	3.8
CV820-043	2.71	8.42	63	499	<5	3.1
CV820-044	0.50	0.21	<10	<10	<5	<0.1
CV820-045	2.35	8.22	41	358	<5	4.6
CV820-046	2.30	8.97	50	280	<5	4.7
CV820-047	1.12	8.43	40	288	<5	5.2
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV820-040	-	9.08	31	178	<5	5.1
*Std OREAS 750	-	5.45	13	422	35	0.8

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-036	218	20	5.56	1.1	38	1.36
CV820-037	228	<10	5.97	1.0	29	1.47
CV820-038	697	<10	0.62	0.1	<10	0.02
CV820-039	205	11	6.72	1.0	29	1.51
CV820-040	158	14	6.79	1.6	45	1.64
CV820-041	348	14	1.60	1.7	19	0.25
CV820-042	309	<10	1.20	1.4	15	0.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-043	315	<10	3.02	2.7	23	0.37
CV820-044	542	<10	0.49	0.1	<10	0.02
CV820-045	315	23	5.80	2.2	40	0.63
CV820-046	292	32	5.57	1.6	38	0.73
CV820-047	368	28	6.16	1.8	45	0.67
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV820-040	164	13	6.83	1.6	44	1.65
*Std OREAS 750	39	16	1.70	1.7	2311	0.32

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-036	1040	15	0.15	0.22	16	25.9
CV820-037	1343	21	0.20	0.41	16	25.5
CV820-038	41	6	<0.01	<0.01	<5	>30.0
CV820-039	1443	21	0.20	0.56	16	24.0
CV820-040	1411	19	0.21	0.29	18	24.7
CV820-041	511	25	0.10	0.16	9	>30.0
CV820-042	480	16	0.09	0.10	8	>30.0
CV820-043	807	23	0.08	0.36	12	29.8
CV820-044	35	<5	<0.01	<0.01	<5	>30.0
CV820-045	1816	33	0.09	0.56	12	27.2
CV820-046	1813	41	0.12	0.32	17	26.4
CV820-047	1961	53	0.11	0.17	18	26.3
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Rep CV820-040	1419	24	0.21	0.30	18	24.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std OREAS 750	396	11	0.07	0.07	<5	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-036	304	0.49	125	99	<1	8
CV820-037	310	0.54	134	136	<1	10
CV820-038	<10	0.01	<5	<5	<1	<5
CV820-039	332	0.55	136	129	<1	<5
CV820-040	307	0.59	144	246	<1	11
CV820-041	181	0.39	76	328	<1	6
CV820-042	169	0.33	61	517	<1	12
CV820-043	177	0.38	71	93	<1	15
CV820-044	<10	0.01	<5	<5	<1	<5
CV820-045	209	0.39	72	86	<1	53
CV820-046	314	0.44	100	100	<1	28
CV820-047	243	0.52	109	101	<1	41
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV820-040	308	0.60	147	247	<1	12
*Std OREAS 750	69	0.16	24	60	<1	11

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-036	<0.1	<0.2	77.2	30.9	5.1	4.43
CV820-037	<0.1	<0.2	88.1	39.7	2.6	4.92
CV820-038	<0.1	<0.2	5.0	1.5	0.2	0.46
CV820-039	<0.1	<0.2	85.4	40.3	2.1	4.52
CV820-040	<0.1	0.4	88.5	41.4	3.6	4.64
CV820-041	<0.1	0.8	106	12.8	1.5	4.52
CV820-042	<0.1	1.6	99.4	12.5	1.5	4.00
CV820-043	<0.1	<0.2	113	11.7	3.4	4.96
CV820-044	<0.1	<0.2	3.7	1.1	0.2	0.44
CV820-045	<0.1	<0.2	88.0	15.7	7.5	4.52
CV820-046	0.1	<0.2	76.5	20.1	17.5	3.90
CV820-047	<0.1	<0.2	76.5	18.9	43.1	3.89
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Rep CV820-040	<0.1	0.2	93.3	44.7	3.8	5.01
*Std OREAS 750	1.0	0.4	30.6	3.8	21.2	2.57

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-036	2.63	1.61	18	5.13	2	4
CV820-037	2.77	1.92	17	5.65	2	4
CV820-038	0.23	<0.05	<1	0.39	1	1
CV820-039	2.74	1.86	17	5.54	2	4
CV820-040	2.99	2.00	17	5.85	2	4
CV820-041	2.75	2.23	14	5.89	1	5
CV820-042	2.24	2.11	12	5.19	<1	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-043	2.80	2.20	17	6.29	1	6
CV820-044	0.31	0.06	<1	0.36	1	1
CV820-045	2.69	1.96	18	5.47	1	5
CV820-046	2.36	1.76	17	4.91	1	4
CV820-047	2.41	1.82	18	5.11	1	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV820-040	3.06	2.10	18	6.20	2	4
*Std OREAS 750	1.26	0.56	12	2.84	3	3

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-036	0.88	<0.2	37.0	0.43	<2	7
CV820-037	0.96	<0.2	41.4	0.47	<2	7
CV820-038	0.08	<0.2	2.6	<0.05	<2	<1
CV820-039	0.93	<0.2	39.3	0.46	<2	7
CV820-040	1.00	<0.2	40.6	0.50	<2	7
CV820-041	0.93	<0.2	48.9	0.41	2	8
CV820-042	0.78	<0.2	46.4	0.37	3	8
CV820-043	0.95	<0.2	53.7	0.42	2	9
CV820-044	0.11	<0.2	2.1	<0.05	<2	<1
CV820-045	0.90	<0.2	42.7	0.42	<2	7
CV820-046	0.82	<0.2	36.4	0.37	<2	6
CV820-047	0.79	<0.2	37.4	0.38	<2	7
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV820-040	1.05	<0.2	42.4	0.53	<2	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 750	0.47	<0.2	15.2	0.15	2	19

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-036	36.1	11	9.31	38.5	0.5	6.4
CV820-037	43.0	11	10.94	30.2	0.5	7.1
CV820-038	2.2	<5	0.59	2.9	0.2	0.5
CV820-039	42.4	18	10.68	31.4	0.4	7.0
CV820-040	43.7	74	11.10	47.0	0.6	7.5
CV820-041	48.9	23	12.89	50.5	0.5	8.2
CV820-042	46.7	13	12.29	37.8	0.4	7.5
CV820-043	52.7	12	13.79	86.4	0.4	8.7
CV820-044	1.7	<5	0.47	2.2	0.2	0.4
CV820-045	41.7	9	10.77	75.0	0.4	7.0
CV820-046	35.8	8	9.28	54.3	0.7	6.2
CV820-047	36.6	7	9.19	68.2	0.2	6.0
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Rep CV820-040	45.9	71	11.65	51.9	0.5	7.9
*Std OREAS 750	14.3	14	3.71	237	0.4	2.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 12 Jun 2025

ANALYSIS REPORT BBM25-49906

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-036	<1	0.5	0.74	6.1	<0.5	0.40
CV820-037	<1	<0.5	0.79	5.0	<0.5	0.43
CV820-038	<1	<0.5	0.06	1.3	<0.5	<0.05
CV820-039	<1	<0.5	0.78	5.1	<0.5	0.44
CV820-040	1	0.5	0.83	5.1	<0.5	0.47
CV820-041	1	0.6	0.83	8.1	<0.5	0.38
CV820-042	1	<0.5	0.73	7.4	<0.5	0.34
CV820-043	1	0.6	0.90	9.1	<0.5	0.40
CV820-044	1	<0.5	0.06	0.9	<0.5	<0.05
CV820-045	<1	0.5	0.74	7.2	<0.5	0.41
CV820-046	<1	<0.5	0.68	6.1	<0.5	0.36
CV820-047	<1	<0.5	0.70	5.4	<0.5	0.35
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Rep CV820-040	<1	<0.5	0.87	5.4	<0.5	0.45
*Std OREAS 750	40	9.3	0.46	5.9	1.5	0.18

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV820-036	1.45	1	22.4	2.8	165	<5
CV820-037	1.17	1	25.5	3.0	146	<5
CV820-038	0.34	<1	2.3	0.3	34.7	-
CV820-039	1.19	2	24.6	3.0	143	8
CV820-040	1.16	2	25.6	3.1	145	<5
CV820-041	1.69	4	23.7	2.6	202	<5
CV820-042	1.59	4	21.3	2.5	182	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 12 Jun 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-037
Number of Samples	12

ANALYSIS REPORT BBM25-49906

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV820-043	1.98	10	24.6	2.8	224	<5
CV820-044	0.32	<1	2.5	0.3	35.7	-
CV820-045	1.55	7	23.4	2.7	197	22
CV820-046	1.32	5	21.9	2.5	158	<5
CV820-047	1.23	3	23.5	2.5	162	<5
*Std OREAS L12	-	-	-	-	-	602
*Rep CV820-036	-	-	-	-	-	<5
*Blk BLANK	-	-	-	-	-	<5
*Blk BLANK	<0.05	<1	<0.5	<0.1	1.0	-
*Rep CV820-040	1.23	3	27.7	3.4	158	-
*Std OREAS 750	4.25	5	12.6	1.1	108	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
This copy reported on
6-AUG-2025
Account: INVLITH

CERTIFICATE VA25177307

Project: CORVETTE- Batch ID: Check 15

P.O. No.: 20189

This report is for 150 samples of Pulp submitted to our lab in Vancouver, BC, Canada on 16-JUN-2025.

The following have access to data associated with this certificate:

MARIE-PIER BOIVIN	PATRIK SCHMIDT	DARREN SMITH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
ROL-21	Manual Sheet Rolling
LOG-21d	Sample logging - ClientBarCode Dup
SPL-34	Pulp Splitting Charge
LOG-QC	QC Test on Received Samples

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS89L	Super Trace DL Na2O2 by ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

Signature:

Saa Traxler, Director, North Vancouver Operations

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	WEI-21	LOG-QC	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Recvd Wt.	Pass75um	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cs	Cu	Dy	Er
	Units	kg	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	5	4	2	0.4	0.1	0.1	0.8	0.2	0.5	0.1	20	0.03	0.02
CV871-004x		0.27	89.3	<5	<4	447	0.9	0.1	2.4	<0.8	64.3	4.7	9.9	<20	3.60	2.49
CV871-012x		0.24		<5	<4	21	<0.4	<0.1	0.1	<0.8	4.8	1.4	0.1	<20	0.39	0.26
CV870-004x		0.21		<5	28	69	0.4	0.1	5.2	<0.8	26.2	41.5	0.8	40	6.45	3.91
CV869-004x		0.26		<5	91	45	0.5	0.5	2.9	<0.8	13.5	4.9	7.6	30	1.57	0.79
CV869-005x		<0.02		<5	98	45	0.5	0.4	2.9	<0.8	14.5	5.0	7.7	30	1.49	0.85
CV868-004x		0.29		<5	<4	424	1.2	0.1	1.3	<0.8	83.5	2.8	7.8	<20	4.36	2.67
CV867-004x		0.24		<5	18	252	0.6	0.1	3.6	<0.8	34.3	49.2	3.0	70	4.48	2.72
CV866-004x		0.26		<5	<4	215	0.5	<0.1	5.5	<0.8	30.9	50.9	36.5	20	3.52	1.83
CV866-018x		0.02		<5	12	419	103.5	2.1	0.8	<0.8	34.9	3.9	52.0	30	2.36	1.19
CV866-029x		0.25		<5	<4	22	<0.4	<0.1	2.6	<0.8	2.3	18.8	1.0	<20	1.02	0.57
CV866-054x		0.28		<5	7	456	0.6	0.1	1.4	<0.8	48.8	14.6	1.5	30	1.91	0.89
CV865-004x		0.27		<5	<4	198	<0.4	<0.1	8.0	<0.8	10.6	51.9	2.2	120	4.14	2.77
CV864-004x		0.27		<5	<4	29	<0.4	<0.1	9.7	<0.8	8.2	56.2	2.8	130	3.44	2.22
CV864-018x		0.02		<5	6	16	117.0	2.2	0.1	1.3	0.8	1.1	65.1	20	0.18	0.04
CV863-004x		0.27		<5	<4	268	0.7	0.1	3.6	<0.8	27.8	18.9	5.0	30	1.98	1.15
CV863-029x		0.26		<5	<4	337	1.0	0.1	3.4	<0.8	35.9	14.8	3.8	40	2.55	1.53
CV863-054x		0.27		<5	<4	317	0.5	0.1	3.6	<0.8	26.7	16.4	1.6	50	1.75	0.89
CV862-004x		0.26		<5	<4	116	<0.4	0.1	9.2	<0.8	10.4	41.6	2.0	110	3.56	2.34
CV861-004x		0.31		<5	<4	78	<0.4	<0.1	7.7	<0.8	5.7	47.4	0.3	90	2.46	1.77
CV860-004x		0.28		<5	5	1070	0.8	<0.1	1.9	<0.8	34.8	8.1	2.2	40	1.20	0.76
CV859-004x		0.27		<5	4	46	<0.4	0.1	7.7	<0.8	7.1	51.4	8.7	60	3.01	1.98
CV859-029x		0.27		<5	37	22	45.9	0.6	0.1	<0.8	0.8	0.6	472	<20	0.38	0.08
CV859-030x		<0.02		<5	36	22	46.7	0.6	0.1	<0.8	0.8	0.7	481	<20	0.40	0.08
CV858-004x		0.28		<5	<4	464	0.8	0.1	2.3	<0.8	50.7	6.1	5.0	20	2.17	1.39
CV858-029x		0.32		<5	<4	179	0.7	0.1	2.5	<0.8	34.1	16.1	13.6	20	1.91	1.00
CV857-004x		0.20		<5	<4	268	0.8	<0.1	5.3	<0.8	49.6	24.8	2.7	70	3.30	1.82
CV856-004x		0.25		<5	6	136	0.6	<0.1	1.7	<0.8	37.2	34.9	3.9	70	4.61	2.65
CV855-004x		0.23		<5	38	24	2.5	0.1	2.7	<0.8	13.9	2.2	68.6	<20	1.52	1.06
CV855-012x		0.29		<5	<4	12	<0.4	<0.1	<0.1	<0.8	4.1	0.7	0.3	<20	0.33	0.20
CV855-029x		0.28		<5	<4	657	1.9	1.0	3.6	<0.8	37.1	28.4	22.1	60	2.25	1.46
CV855-054x		0.24		<5	<4	533	1.3	0.8	3.1	<0.8	37.5	27.2	29.5	90	2.19	1.22
CV854-004x		0.24		<5	220	28	1.0	0.1	8.2	<0.8	4.9	68.7	14.0	60	1.90	1.25
CV854-029x		0.24		<5	147	<2	<0.4	0.6	3.1	<0.8	1.3	91.7	2.3	130	0.79	0.44
CV853-004x		0.23		<5	<4	506	0.6	0.1	3.0	<0.8	23.1	72.5	10.1	240	1.87	1.05
CV852-004x		0.28		<5	4	264	19.7	0.7	3.7	<0.8	82.8	28.7	126.0	20	4.95	2.25
CV852-029x		0.26		<5	12	490	1.2	0.2	1.0	<0.8	26.9	15.6	13.5	40	2.21	1.17
CV851-004x		0.26		<5	14	119	257	3.8	3.6	<0.8	2.8	23.1	159.0	<20	1.09	0.73
CV851-029x		0.25		<5	<4	61	<0.4	0.1	7.2	<0.8	9.7	52.5	8.0	170	3.32	2.45
CV850-004x		0.26		<5	<4	463	1.9	2.6	3.0	<0.8	29.4	24.2	24.5	50	1.92	1.14
CV850-018x		0.02		<5	5	18	118.5	2.1	0.1	1.0	0.8	1.0	65.5	20	0.17	0.07

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
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MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Eu	Fe	Ga	Gd	Ge	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.03	0.01	0.5	0.03	0.5	0.01	0.3	0.05	0.08	2	0.05	0.01	10	2	0.8
CV871-004x		1.06	2.47	16.8	4.12	<0.5	0.85	<0.3	2.72	31.9	30	0.38	1.50	300	<2	7.6
CV871-012x		0.07	0.52	1.0	0.35	<0.5	0.10	<0.3	0.06	2.49	6	<0.05	0.06	40	<2	0.9
CV870-004x		1.40	9.57	19.6	5.43	<0.5	1.39	<0.3	0.24	10.90	20	0.61	2.52	1470	2	4.7
CV869-004x		0.99	24.2	9.3	1.75	2.6	0.33	<0.3	0.27	6.90	4	0.11	0.80	1010	5	<0.8
CV869-005x		0.94	24.3	9.3	1.68	1.7	0.31	<0.3	0.29	7.17	4	0.09	0.80	1010	5	0.9
CV868-004x		0.95	1.88	16.8	4.85	<0.5	0.98	<0.3	2.93	41.3	19	0.40	0.75	400	<2	9.2
CV867-004x		1.13	7.41	21.7	4.31	<0.5	0.99	<0.3	0.89	15.75	59	0.38	2.53	1890	2	5.2
CV866-004x		1.25	9.37	22.9	3.80	<0.5	0.70	<0.3	0.47	14.00	125	0.25	3.34	1390	<2	5.7
CV866-018x		0.63	1.68	19.2	2.84	2.5	0.46	<0.3	2.55	17.55	4770	0.15	0.31	670	3	40.0
CV866-029x		0.18	3.29	6.2	0.85	<0.5	0.22	<0.3	0.12	0.85	26	0.10	1.58	550	5	1.0
CV866-054x		0.80	0.85	19.6	2.77	<0.5	0.33	<0.3	2.18	24.5	17	0.13	0.41	70	2	4.1
CV865-004x		0.95	9.95	18.8	3.54	0.8	0.92	<0.3	0.54	4.20	22	0.41	4.48	1480	<2	3.0
CV864-004x		0.74	8.93	17.2	2.71	0.6	0.76	<0.3	0.20	3.03	16	0.33	3.71	1590	<2	2.1
CV864-018x		<0.03	0.86	17.5	0.15	5.3	0.02	<0.3	2.06	0.49	10300	<0.05	0.01	760	3	35.4
CV863-004x		0.78	4.51	19.8	2.29	0.6	0.45	<0.3	1.18	13.85	52	0.17	1.62	760	<2	4.6
CV863-029x		0.75	3.68	20.7	2.89	1.1	0.60	<0.3	1.80	17.50	17	0.22	1.21	650	<2	5.8
CV863-054x		0.69	3.97	19.2	2.16	<0.5	0.37	<0.3	0.88	13.20	18	0.15	1.49	650	<2	3.4
CV862-004x		0.81	6.66	15.6	2.95	0.7	0.76	<0.3	0.60	4.42	15	0.34	2.44	1660	<2	2.2
CV861-004x		0.48	8.06	15.5	1.96	1.4	0.60	<0.3	0.18	2.53	32	0.28	5.00	1660	<2	1.2
CV860-004x		0.57	2.10	23.3	1.78	0.9	0.28	<0.3	1.42	17.00	31	0.12	0.83	430	<2	3.5
CV859-004x		0.57	8.14	17.6	2.28	1.8	0.67	<0.3	0.23	3.00	27	0.32	3.56	1840	6	1.4
CV859-029x		0.07	0.38	48.4	0.48	7.4	0.05	<0.3	2.03	0.27	290	<0.05	0.02	780	<2	69.2
CV859-030x		0.08	0.39	48.9	0.53	7.6	0.04	<0.3	2.00	0.26	290	<0.05	0.02	780	<2	66.9
CV858-004x		0.80	3.09	20.9	2.76	1.4	0.45	<0.3	2.29	25.7	21	0.20	0.43	560	<2	5.1
CV858-029x		0.86	3.64	21.2	2.18	1.9	0.38	<0.3	1.49	17.00	37	0.15	1.92	650	2	4.7
CV857-004x		1.16	5.61	16.2	3.50	1.8	0.63	<0.3	2.21	23.6	42	0.23	1.89	1400	<2	11.4
CV856-004x		1.08	7.62	18.6	3.95	2.5	0.99	<0.3	0.81	17.85	45	0.45	1.91	2070	<2	4.6
CV855-004x		0.73	23.5	3.9	1.58	7.7	0.33	<0.3	0.18	7.25	7	0.16	1.30	500	3	1.0
CV855-012x		0.05	0.39	1.2	0.31	0.5	0.07	<0.3	0.09	2.17	6	<0.05	0.01	20	<2	<0.8
CV855-029x		0.98	7.38	18.8	2.72	2.0	0.52	<0.3	1.82	17.80	172	0.23	2.90	850	5	6.0
CV855-054x		0.84	7.00	18.9	2.44	2.0	0.47	<0.3	2.14	17.90	320	0.19	2.84	750	7	4.5
CV854-004x		0.43	7.67	12.8	1.52	1.6	0.42	<0.3	0.27	2.03	30	0.19	7.52	1640	<2	1.0
CV854-029x		0.06	6.25	5.8	0.77	1.7	0.18	<0.3	<0.05	0.35	8	0.07	14.05	770	<2	<0.8
CV853-004x		0.63	8.59	18.2	1.61	1.2	0.37	<0.3	1.51	12.00	69	0.17	6.51	880	11	3.1
CV852-004x		2.23	6.51	33.6	7.07	3.5	0.92	<0.3	2.26	31.6	71	0.27	2.44	1470	9	28.9
CV852-029x		0.76	6.46	20.0	2.05	1.7	0.44	<0.3	2.38	13.15	144	0.20	1.32	680	2	4.6
CV851-004x		0.26	3.79	29.4	0.90	4.9	0.27	<0.3	0.89	1.19	102	0.15	1.89	1320	<2	71.4
CV851-029x		0.80	9.61	16.7	3.01	1.7	0.79	<0.3	0.42	3.73	68	0.36	5.12	1420	<2	2.6
CV850-004x		0.76	6.56	17.6	2.34	1.7	0.43	<0.3	1.77	13.90	80	0.21	2.47	680	10	7.8
CV850-018x		<0.03	0.87	16.2	0.15	5.7	0.02	<0.3	2.07	0.42	10500	<0.05	0.01	760	3	35.6

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr	Ta	Tb	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.07	10	0.5	0.03	0.5	0.01	0.3	3	0.04	3	20	0.04	0.01	0.5	0.1
CV871-004x		24.9	10	11.8	7.02	107.5	<0.01	0.5	<3	4.75	<3	100	0.62	0.66	<0.5	8.7
CV871-012x		2.02	<10	1.4	0.49	3.0	<0.01	<0.3	<3	0.41	<3	<20	<0.04	0.08	<0.5	1.0
CV870-004x		15.95	40	3.0	3.27	6.4	<0.01	0.9	<3	4.35	<3	150	0.22	0.99	<0.5	1.4
CV869-004x		6.45	20	3.6	1.52	13.5	<0.01	1.2	<3	1.36	<3	110	0.06	0.23	<0.5	0.3
CV869-005x		6.81	20	3.5	1.66	14.1	<0.01	1.3	3	1.38	<3	110	0.50	0.25	0.5	0.3
CV868-004x		30.9	<10	11.6	8.75	110.0	<0.01	0.3	<3	5.76	<3	90	0.91	0.74	<0.5	10.4
CV867-004x		16.55	80	7.2	3.90	36.1	<0.01	0.5	<3	4.17	<3	170	0.58	0.71	<0.5	2.5
CV866-004x		15.35	10	3.1	3.63	46.3	<0.01	<0.3	<3	3.67	<3	290	0.43	0.56	<0.5	1.0
CV866-018x		14.70	10	19.9	3.91	543	0.01	0.7	<3	3.26	164	80	29.2	0.45	<0.5	6.5
CV866-029x		1.64	50	0.8	0.34	3.8	0.02	<0.3	<3	0.59	<3	50	0.09	0.12	<0.5	0.1
CV866-054x		18.70	10	9.3	5.25	71.9	0.02	<0.3	<3	3.67	<3	230	0.26	0.35	<0.5	8.1
CV865-004x		7.99	120	2.8	1.49	16.9	<0.01	0.4	<3	2.65	<3	150	0.06	0.64	<0.5	0.4
CV864-004x		5.90	150	0.9	1.16	2.6	0.01	<0.3	<3	2.00	<3	130	<0.04	0.47	<0.5	0.3
CV864-018x		0.27	10	10.8	0.07	664	<0.01	0.3	<3	0.13	142	30	20.8	0.03	<0.5	0.3
CV863-004x		12.25	30	4.9	3.16	44.5	<0.01	0.3	<3	2.35	<3	250	0.24	0.36	<0.5	2.8
CV863-029x		14.70	20	12.2	3.85	71.7	<0.01	<0.3	<3	3.29	<3	260	0.95	0.44	<0.5	6.9
CV863-054x		11.45	30	7.9	3.01	27.3	<0.01	<0.3	<3	2.55	<3	310	0.29	0.30	<0.5	3.6
CV862-004x		6.81	100	7.1	1.42	22.7	<0.01	0.3	<3	2.04	<3	140	0.13	0.51	<0.5	0.4
CV861-004x		3.75	110	1.1	0.77	3.1	<0.01	0.3	<3	1.28	<3	130	0.34	0.37	<0.5	0.4
CV860-004x		13.70	20	11.6	3.73	23.9	<0.01	0.4	<3	2.41	<3	1290	0.24	0.22	<0.5	2.9
CV859-004x		4.56	90	1.7	0.99	12.7	0.01	0.3	<3	1.52	<3	100	0.47	0.43	<0.5	0.4
CV859-029x		0.54	<10	7.7	0.12	3410	<0.01	5.1	<3	0.38	103	<20	146.0	0.08	<0.5	3.5
CV859-030x		0.64	<10	7.9	0.15	3460	<0.01	5.4	<3	0.46	103	<20	139.0	0.09	<0.5	3.4
CV858-004x		19.15	10	9.0	5.40	80.7	<0.01	<0.3	<3	3.43	<3	250	0.47	0.40	<0.5	10.2
CV858-029x		14.70	40	12.2	3.78	62.9	<0.01	<0.3	<3	2.93	<3	130	0.36	0.35	<0.5	3.5
CV857-004x		21.6	100	2.4	5.59	69.3	<0.01	<0.3	<3	4.11	<3	180	0.84	0.58	<0.5	2.2
CV856-004x		17.50	50	4.5	4.39	55.5	<0.01	<0.3	<3	4.08	<3	180	0.25	0.75	<0.5	3.2
CV855-004x		6.31	<10	1.4	1.52	27.6	<0.01	<0.3	<3	1.42	<3	80	0.44	0.23	<0.5	0.6
CV855-012x		1.52	<10	1.3	0.45	2.0	<0.01	<0.3	<3	0.33	<3	<20	0.08	0.04	<0.5	0.9
CV855-029x		15.80	130	12.3	4.23	126.0	0.04	<0.3	<3	3.24	<3	400	0.77	0.45	<0.5	3.5
CV855-054x		15.90	140	10.2	4.12	155.0	0.02	<0.3	3	3.36	<3	430	0.69	0.35	<0.5	4.0
CV854-004x		3.32	390	1.1	0.69	52.4	<0.01	1.1	<3	1.10	<3	100	0.11	0.31	<0.5	0.3
CV854-029x		1.16	1290	0.7	0.20	0.7	<0.01	4.2	<3	0.46	<3	<20	<0.04	0.11	<0.5	0.1
CV853-004x		9.11	460	9.2	2.35	101.5	0.02	0.3	<3	1.98	<3	170	0.26	0.28	<0.5	3.0
CV852-004x		44.3	100	25.2	10.75	376	<0.01	3.2	<3	8.98	10	250	79.8	0.96	<0.5	2.9
CV852-029x		11.25	50	3.3	2.99	147.0	<0.01	<0.3	<3	2.49	<3	220	0.42	0.31	<0.5	3.2
CV851-004x		1.80	50	12.8	0.41	701	<0.01	0.7	<3	0.64	14	60	243	0.17	<0.5	11.7
CV851-029x		7.36	120	0.8	1.42	28.6	<0.01	0.6	4	2.01	<3	100	0.65	0.57	<0.5	0.3
CV850-004x		13.95	130	11.0	3.56	110.0	0.01	<0.3	<3	2.55	<3	490	2.19	0.37	<0.5	3.2
CV850-018x		0.31	10	10.1	0.14	663	<0.01	<0.3	<3	0.16	141	30	21.2	0.03	<0.5	0.3

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.01	0.2	1	0.3	0.2	0.02	10
CV871-004x		0.196	0.40	0.40	2.7	21	1.0	23.4	2.48	60
CV871-012x		0.019	0.02	0.05	0.4	6	<0.3	2.6	0.31	10
CV870-004x		0.856	0.03	0.60	0.4	321	1.5	37.6	3.68	160
CV869-004x		0.017	0.09	0.12	0.2	34	0.4	10.0	0.75	20
CV869-005x		0.017	0.09	0.14	0.2	34	0.3	9.9	0.73	40
CV868-004x		0.132	0.42	0.41	2.7	10	1.3	26.5	2.63	60
CV867-004x		0.760	0.15	0.38	0.7	277	1.6	24.4	2.54	190
CV866-004x		0.694	0.22	0.32	0.2	228	0.4	18.8	1.70	110
CV866-018x		0.139	2.90	0.18	7.4	26	7.8	13.1	0.94	100
CV866-029x		0.145	0.03	0.08	<0.2	92	<0.3	5.7	0.60	40
CV866-054x		0.301	0.23	0.14	2.3	96	0.9	7.5	0.72	20
CV865-004x		0.653	0.14	0.39	<0.2	328	0.3	24.6	2.72	120
CV864-004x		0.520	0.03	0.37	<0.2	305	<0.3	20.4	2.14	100
CV864-018x		<0.005	3.59	0.01	6.2	2	5.7	0.7	0.05	90
CV863-004x		0.325	0.20	0.15	0.9	105	0.6	11.8	0.95	80
CV863-029x		0.288	0.34	0.23	4.6	90	0.4	15.7	1.49	80
CV863-054x		0.288	0.14	0.15	1.5	95	<0.3	10.1	0.96	70
CV862-004x		0.521	0.10	0.36	<0.2	263	0.5	20.7	2.08	100
CV861-004x		0.334	<0.02	0.28	<0.2	267	<0.3	15.9	1.78	100
CV860-004x		0.162	0.11	0.11	1.1	56	0.8	7.9	0.74	60
CV859-004x		0.395	0.09	0.31	<0.2	291	0.5	18.2	1.94	80
CV859-029x		<0.005	20.2	0.02	9.9	5	2.4	2.3	0.08	20
CV859-030x		<0.005	20.3	0.01	9.8	4	2.3	2.1	0.08	30
CV858-004x		0.292	0.33	0.20	2.4	85	1.1	12.8	1.30	30
CV858-029x		0.322	0.28	0.16	1.4	95	2.9	10.4	1.02	80
CV857-004x		0.511	0.17	0.25	0.5	144	1.5	17.3	1.57	80
CV856-004x		0.630	0.25	0.41	0.9	235	1.0	27.3	2.73	90
CV855-004x		0.027	0.10	0.13	0.2	12	1.7	13.0	0.96	20
CV855-012x		0.010	<0.02	0.04	0.3	5	<0.3	2.2	0.22	10
CV855-029x		0.318	0.63	0.23	1.1	137	0.8	12.9	1.38	70
CV855-054x		0.293	0.71	0.19	1.3	123	2.1	12.0	1.22	80
CV854-004x		0.267	0.33	0.22	<0.2	206	0.5	11.4	1.17	80
CV854-029x		0.111	0.06	0.06	<0.2	79	<0.3	4.2	0.40	60
CV853-004x		0.219	0.68	0.18	1.0	129	12.4	9.5	1.09	90
CV852-004x		1.120	1.28	0.32	2.1	169	6.1	27.2	1.92	100
CV852-029x		0.351	0.63	0.18	1.0	109	4.5	11.3	1.04	80
CV851-004x		0.173	3.33	0.13	22.7	120	1.3	6.6	0.84	70
CV851-029x		0.591	0.15	0.34	<0.2	316	0.8	20.7	2.08	80
CV850-004x		0.255	0.51	0.21	1.8	106	0.4	11.8	1.17	70
CV850-018x		<0.005	3.56	0.01	6.0	2	5.6	0.7	0.07	90

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

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To: INNOVA LITHIUM INC.
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Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	WEI-21	LOG-QC	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Recvd Wt.	Pass75um	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cs	Cu	Dy	Er
	Units	kg	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	5	4	2	0.4	0.1	0.1	0.8	0.2	0.5	0.1	20	0.03	0.02
CV850-029x		Not Recvd														
CV849-004x		0.25		<5	11	92	2.4	0.8	7.8	<0.8	5.0	75.2	1.5	40	1.87	1.09
CV849-029x		0.25		<5	10	106	3.2	0.5	0.3	<0.8	8.0	6.6	9.2	30	1.19	0.63
CV849-054x		0.25		<5	7	248	1.3	0.2	0.6	<0.8	30.1	23.5	5.6	40	2.35	1.35
CV848-004x		0.25		<5	<4	682	1.6	8.9	2.8	<0.8	36.2	28.7	14.8	100	1.85	1.19
CV848-029x		0.26		<5	<4	37	9.4	1.6	0.6	<0.8	2.1	0.7	13.5	<20	1.07	1.01
CV848-054x		0.27		<5	<4	194	6.3	1.0	0.5	<0.8	3.7	0.7	39.7	<20	1.52	1.98
CV847-004x		0.26		<5	41	115	<0.4	<0.1	7.5	<0.8	7.2	45.2	2.4	70	2.93	2.03
CV847-012x		Not Recvd														
CV846-004x		0.26		<5	<4	270	0.8	<0.1	4.4	<0.8	30.7	51.4	4.9	50	7.40	4.62
CV846-029x		0.25	90.4	<5	4	106	<0.4	<0.1	8.3	<0.8	9.5	56.2	4.9	160	3.27	1.95
CV845-004x		0.26		<5	<4	992	1.2	0.3	2.9	<0.8	56.3	15.8	2.6	50	5.88	3.75
CV845-029x		0.25		<5	447	67	0.5	0.2	5.9	<0.8	36.3	55.0	1.4	20	4.48	2.89
CV844-004x		0.25		<5	<4	125	2.3	0.1	1.3	<0.8	25.8	11.6	90.3	100	3.54	2.24
CV844-029x		0.26		<5	4	272	6.1	1.7	2.2	<0.8	20.5	13.8	50.0	20	1.98	1.10
CV844-037x		0.25		<5	<4	21	<0.4	0.1	<0.1	<0.8	5.2	1.2	0.3	<20	0.54	0.38
CV843-004x		0.26		<5	10	31	<0.4	<0.1	8.9	<0.8	7.5	55.9	5.5	160	3.22	2.17
CV842-004x		0.25		<5	<4	29	4.6	11.6	0.3	<0.8	14.1	0.9	68.0	<20	2.08	1.78
CV842-029x		0.25		<5	4	461	3.0	0.9	2.2	<0.8	41.0	18.0	14.6	160	1.72	1.14
CV842-054x		0.26		<5	23	593	1.3	1.7	2.8	<0.8	38.4	28.7	15.1	70	2.34	1.33
CV841-004x		0.25		<5	366	2	<0.4	0.1	4.9	<0.8	4.8	93.2	2.7	50	1.49	0.95
CV841-029x		0.25		<5	267	3	4.9	0.5	5.4	<0.8	5.1	84.2	4.0	<20	1.67	1.17
CV840-004x		0.25		<5	<4	301	0.6	<0.1	1.9	<0.8	48.8	16.6	3.2	30	2.02	1.35
CV839-004x		0.25		<5	46	302	1.0	0.1	5.1	<0.8	31.8	45.9	3.1	70	5.64	3.71
CV838-004x		0.26		<5	<4	573	0.7	<0.1	3.1	<0.8	65.5	22.2	2.6	50	3.12	1.71
CV837-004x		0.25		<5	<4	140	<0.4	0.1	7.0	<0.8	7.1	56.2	24.6	100	3.08	2.01
CV837-029x		0.25		<5	58	11	136.0	1.7	0.3	<0.8	1.0	0.7	257	<20	0.35	0.07
CV836-004x		0.22		<5	<4	89	<0.4	0.1	6.3	<0.8	6.7	50.5	4.7	210	2.76	1.72
CV835-004x		0.25		<5	52	294	1.1	0.4	2.1	<0.8	33.7	29.3	2.8	100	3.75	2.40
CV835-005x		<0.02		<5	61	281	1.2	0.3	2.2	<0.8	34.0	28.5	2.6	90	3.76	2.40
CV834-004x		0.26		<5	5	97	<0.4	<0.1	6.1	<0.8	6.0	50.6	5.6	110	2.57	1.87
CV833-004x		0.23		<5	5	6	<0.4	<0.1	0.6	<0.8	0.8	7.1	0.9	<20	0.12	0.07
CV833-029x		0.24		<5	412	62	2.5	0.6	6.4	<0.8	5.2	86.5	1780	30	1.48	1.04
CV833-037x		0.23		<5	<4	23	<0.4	<0.1	<0.1	<0.8	4.5	1.4	0.8	<20	0.39	0.27
CV832-004x		0.25		<5	<4	544	0.6	0.1	1.4	<0.8	54.1	7.0	5.0	<20	1.48	0.82
CV831-004x		0.25		<5	<4	475	1.0	0.2	1.9	<0.8	42.5	24.2	9.0	50	3.26	1.92
CV830-004x		0.26		<5	10	403	1.0	<0.1	5.6	<0.8	28.5	39.6	2.8	30	6.76	4.40
CV829-004x		0.25		<5	4	33	<0.4	0.4	4.6	<0.8	7.1	32.9	2.5	270	3.06	2.09
CV828-004x		0.25		<5	29	117	<0.4	0.1	8.3	<0.8	9.3	46.4	23.6	100	3.19	2.16
CV828-029x		0.24		<5	158	12	148.5	6.0	0.1	<0.8	1.8	<0.5	302	<20	0.56	0.08

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Eu	Fe	Ga	Gd	Ge	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.03	0.01	0.5	0.03	0.5	0.01	0.3	0.05	0.08	2	0.05	0.01	10	2	0.8
CV850-029x																
CV849-004x		0.49	7.49	10.5	1.46	3.6	0.40	<0.3	0.42	1.94	50	0.15	9.18	1670	3	1.4
CV849-029x		0.23	1.68	23.5	1.52	2.0	0.24	<0.3	1.00	3.21	65	0.14	0.92	250	4	38.1
CV849-054x		0.75	6.83	19.8	2.64	1.8	0.51	<0.3	1.80	14.60	135	0.19	2.15	590	<2	4.7
CV848-004x		0.80	6.07	17.8	2.26	2.4	0.39	<0.3	2.06	17.65	71	0.16	3.37	740	40	3.7
CV848-029x		0.16	0.78	38.6	0.67	3.6	0.26	<0.3	1.75	0.85	18	0.42	0.02	530	<2	24.6
CV848-054x		0.12	0.41	32.3	0.85	4.3	0.40	<0.3	4.20	1.41	28	1.10	0.04	830	<2	25.3
CV847-004x		0.63	10.15	15.3	2.26	1.6	0.63	<0.3	0.47	3.28	19	0.34	2.59	3680	<2	1.3
CV847-012x																
CV846-004x		1.73	8.55	22.8	6.86	1.7	1.56	<0.3	0.67	12.65	30	0.66	1.89	2270	<2	7.0
CV846-029x		0.83	9.68	17.6	3.27	2.2	0.72	<0.3	0.34	3.34	48	0.28	4.01	2100	<2	2.9
CV845-004x		1.07	4.47	18.8	5.73	1.3	1.28	<0.3	2.14	26.6	33	0.52	1.16	560	3	11.2
CV845-029x		1.22	9.76	15.1	4.44	1.9	0.92	<0.3	0.28	16.05	25	0.43	7.09	1920	2	3.9
CV844-004x		0.51	2.66	30.4	3.69	3.1	0.73	<0.3	4.57	11.35	53	0.62	0.39	400	<2	80.1
CV844-029x		0.50	3.92	22.1	2.20	3.0	0.36	<0.3	1.32	9.52	175	0.13	1.49	510	44	21.1
CV844-037x		0.06	0.44	1.6	0.37	1.8	0.10	<0.3	0.10	2.78	7	0.06	0.02	30	<2	1.1
CV843-004x		0.76	8.83	16.9	2.54	2.5	0.71	<0.3	0.19	2.83	13	0.31	4.00	1550	<2	2.2
CV842-004x		0.07	0.55	26.5	1.79	2.9	0.43	<0.3	3.87	5.49	8	0.66	0.02	340	<2	116.0
CV842-029x		0.83	6.28	20.0	2.12	2.5	0.35	<0.3	1.62	21.1	168	0.16	1.03	900	3	5.9
CV842-054x		0.92	5.97	20.7	3.01	2.6	0.46	<0.3	2.33	18.65	87	0.19	2.34	820	11	4.5
CV841-004x		0.19	7.98	9.6	1.16	2.0	0.29	<0.3	<0.05	1.86	13	0.15	13.40	1440	<2	1.0
CV841-029x		0.29	8.14	12.3	1.33	1.9	0.40	<0.3	<0.05	2.04	250	0.19	12.70	1850	<2	1.9
CV840-004x		0.81	3.01	17.2	2.58	1.1	0.45	<0.3	2.21	26.1	27	0.20	1.15	990	<2	4.7
CV839-004x		1.48	7.50	19.4	5.28	2.0	1.30	<0.3	1.72	13.75	42	0.53	1.96	1780	<2	6.7
CV838-004x		0.98	4.88	24.2	3.66	1.7	0.58	<0.3	2.01	32.1	39	0.21	0.63	1050	<2	6.1
CV837-004x		0.60	7.61	16.5	2.41	1.6	0.72	<0.3	0.41	3.16	51	0.33	2.91	1800	<2	1.4
CV837-029x		<0.03	0.37	82.3	0.38	7.5	0.03	0.3	1.52	0.47	290	<0.05	0.04	1140	<2	59.3
CV836-004x		0.55	8.08	16.4	2.09	2.0	0.60	<0.3	0.46	2.81	21	0.29	2.59	2750	<2	1.4
CV835-004x		1.43	12.00	11.8	3.74	2.2	0.86	<0.3	1.56	15.45	19	0.39	0.94	2780	3	6.7
CV835-005x		1.38	11.80	11.8	3.78	1.7	0.80	<0.3	1.59	15.45	20	0.36	0.95	2870	2	6.8
CV834-004x		0.55	8.01	14.4	2.13	1.6	0.62	<0.3	0.31	2.44	21	0.30	5.67	1660	<2	1.1
CV833-004x		0.03	1.12	2.3	0.10	0.6	0.02	<0.3	<0.05	0.38	7	<0.05	0.71	100	<2	<0.8
CV833-029x		0.48	8.44	10.2	1.41	2.2	0.37	<0.3	0.63	1.96	510	0.16	11.25	1730	3	1.7
CV833-037x		0.05	0.49	1.8	0.44	2.2	0.10	<0.3	0.07	2.44	6	0.05	0.03	30	<2	<0.8
CV832-004x		0.62	1.47	18.3	1.86	2.1	0.30	<0.3	1.81	28.8	24	0.13	0.38	470	<2	5.5
CV831-004x		0.89	5.20	22.1	3.33	2.6	0.69	<0.3	2.95	20.7	58	0.30	1.21	660	<2	6.7
CV830-004x		1.70	10.95	21.7	6.15	2.6	1.49	<0.3	0.67	12.30	20	0.66	2.88	3820	<2	6.4
CV829-004x		0.57	8.63	13.4	2.36	3.0	0.67	<0.3	0.10	2.91	17	0.37	1.98	3570	<2	1.5
CV828-004x		0.75	7.89	18.4	2.82	2.4	0.70	<0.3	0.60	3.76	72	0.27	3.99	1420	<2	1.9
CV828-029x		0.08	0.26	72.9	0.96	8.4	0.06	<0.3	1.79	0.64	155	<0.05	0.03	1090	<2	87.7

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr	Ta	Tb	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.07	10	0.5	0.03	0.5	0.01	0.3	3	0.04	3	20	0.04	0.01	0.5	0.1
CV850-029x																
CV849-004x		3.75	640	19.6	0.71	24.4	0.01	<0.3	<3	1.20	<3	150	0.22	0.26	<0.5	0.3
CV849-029x		5.40	20	86.5	1.22	135.5	<0.01	<0.3	<3	1.70	<3	50	21.2	0.24	<0.5	4.0
CV849-054x		14.90	40	99.9	3.71	69.6	<0.01	<0.3	<3	3.14	<3	80	0.63	0.39	<0.5	3.3
CV848-004x		15.45	180	12.0	4.17	95.0	0.01	<0.3	<3	2.91	<3	290	0.39	0.32	<0.5	4.1
CV848-029x		1.38	10	45.5	0.29	351	<0.01	<0.3	<3	0.57	<3	110	9.62	0.16	<0.5	3.2
CV848-054x		1.92	<10	59.9	0.46	853	<0.01	<0.3	4	0.69	<3	130	4.01	0.15	<0.5	6.7
CV847-004x		4.81	90	1.0	1.03	17.6	0.05	0.5	<3	1.61	<3	100	0.10	0.44	<0.5	0.5
CV847-012x																
CV846-004x		20.2	60	3.3	4.16	29.4	0.01	<0.3	3	5.75	<3	140	0.54	1.15	<0.5	1.8
CV846-029x		7.44	150	0.6	1.54	15.1	0.01	0.4	<3	2.59	<3	90	0.52	0.55	<0.5	0.3
CV845-004x		25.9	30	10.1	6.61	54.9	<0.01	<0.3	<3	5.40	<3	190	0.83	0.96	<0.5	5.2
CV845-029x		19.70	320	1.8	4.73	7.6	<0.01	2.4	4	4.20	<3	70	0.35	0.69	<0.5	2.4
CV844-004x		13.30	10	212	3.40	898	<0.01	<0.3	5	3.52	<3	60	20.3	0.60	<0.5	7.3
CV844-029x		10.05	80	38.5	2.51	179.0	0.01	<0.3	<3	2.36	<3	380	4.99	0.33	<0.5	5.1
CV844-037x		2.22	<10	1.5	0.56	4.0	<0.01	<0.3	<3	0.43	<3	<20	0.24	0.08	<0.5	1.3
CV843-004x		5.89	140	0.9	1.14	2.5	<0.01	0.4	3	1.90	<3	140	0.22	0.48	<0.5	0.3
CV842-004x		8.25	<10	127.0	2.00	859	<0.01	<0.3	<3	2.13	<3	20	24.9	0.32	<0.5	8.7
CV842-029x		15.95	40	15.7	4.42	243	<0.01	<0.3	5	2.58	<3	280	1.20	0.31	<0.5	4.8
CV842-054x		17.45	110	9.9	4.45	113.5	<0.01	<0.3	<3	3.39	<3	420	0.34	0.39	<0.5	4.2
CV841-004x		3.07	880	<0.5	0.65	0.8	<0.01	1.3	<3	0.84	<3	<20	0.07	0.22	<0.5	0.4
CV841-029x		3.43	990	0.8	0.73	0.6	<0.01	334	<3	0.98	<3	<20	0.64	0.24	<0.5	0.3
CV840-004x		18.70	30	6.3	5.29	67.1	<0.01	0.7	<3	3.14	<3	120	0.43	0.35	<0.5	9.2
CV839-004x		18.15	60	6.2	4.12	65.8	<0.01	0.8	<3	4.60	<3	140	0.48	0.93	<0.5	2.3
CV838-004x		28.1	40	10.3	7.56	63.5	<0.01	<0.3	3	4.97	<3	280	0.55	0.51	<0.5	11.2
CV837-004x		5.04	100	0.9	1.00	31.2	<0.01	<0.3	4	1.67	<3	80	0.12	0.44	<0.5	0.4
CV837-029x		0.46	<10	2.7	0.11	1910	<0.01	8.2	<3	0.39	103	<20	121.5	0.09	<0.5	2.5
CV836-004x		4.48	80	0.9	0.92	19.8	<0.01	<0.3	<3	1.48	<3	60	0.36	0.40	<0.5	0.4
CV835-004x		16.75	50	18.8	4.35	63.7	0.04	2.5	<3	3.73	4	120	0.49	0.65	0.5	2.6
CV835-005x		17.45	50	17.7	4.20	62.4	0.02	2.8	3	3.61	4	120	0.49	0.63	<0.5	2.5
CV834-004x		4.28	80	1.0	0.82	17.2	<0.01	0.3	<3	1.33	<3	140	0.05	0.37	<0.5	0.4
CV833-004x		0.37	40	<0.5	0.10	1.2	<0.01	0.4	<3	0.12	<3	30	0.07	0.02	<0.5	<0.1
CV833-029x		3.82	540	8.6	0.71	671	<0.01	40.6	<3	1.02	7	20	0.44	0.22	<0.5	0.2
CV833-037x		1.80	<10	1.7	0.61	4.0	<0.01	0.3	<3	0.37	<3	<20	0.06	0.06	<0.5	1.2
CV832-004x		18.35	10	14.2	5.60	47.2	<0.01	<0.3	<3	2.86	<3	220	0.44	0.26	<0.5	8.4
CV831-004x		18.00	60	9.0	4.73	98.7	<0.01	<0.3	<3	3.74	<3	90	0.34	0.52	<0.5	4.2
CV830-004x		17.85	50	2.7	3.85	28.2	<0.01	0.4	<3	4.78	<3	110	0.31	1.08	<0.5	1.4
CV829-004x		4.89	30	1.9	1.08	2.0	<0.01	0.4	3	1.64	<3	70	0.06	0.46	<0.5	0.3
CV828-004x		6.69	100	1.4	1.41	58.0	<0.01	0.9	4	2.12	<3	130	0.27	0.54	<0.5	0.5
CV828-029x		1.16	<10	6.1	0.24	2400	<0.01	9.5	<3	0.83	56	<20	91.4	0.16	<0.5	5.6

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

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To: INNOVA LITHIUM INC.
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SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.01	0.2	1	0.3	0.2	0.02	10
CV850-029x										
CV849-004x		0.244	0.15	0.15	<0.2	176	5.4	9.7	0.99	190
CV849-029x		0.108	0.60	0.14	2.4	31	19.9	11.8	0.94	110
CV849-054x		0.349	0.35	0.23	0.8	117	2.6	12.2	1.24	310
CV848-004x		0.278	0.43	0.17	1.3	128	2.3	11.6	1.14	70
CV848-029x		0.012	1.67	0.22	13.2	11	0.6	16.3	1.98	10
CV848-054x		0.015	3.99	0.49	9.8	5	0.5	20.4	4.66	20
CV847-004x		0.359	0.09	0.33	0.2	263	0.5	17.4	1.92	80
CV847-012x										
CV846-004x		1.270	0.10	0.68	0.5	284	0.6	41.7	4.12	150
CV846-029x		0.606	0.05	0.29	<0.2	298	0.8	18.8	1.80	90
CV845-004x		0.392	0.23	0.56	1.4	89	2.0	36.0	3.71	170
CV845-029x		0.653	0.04	0.43	0.6	235	1.1	24.6	2.55	140
CV844-004x		0.121	4.16	0.41	5.2	39	1.4	33.6	3.29	150
CV844-029x		0.149	0.89	0.13	3.5	64	0.8	11.8	0.87	50
CV844-037x		0.016	0.02	0.06	0.4	8	0.3	3.1	0.41	<10
CV843-004x		0.500	0.03	0.33	<0.2	294	0.3	18.5	2.09	90
CV842-004x		<0.005	3.97	0.36	11.5	5	0.9	25.1	3.41	10
CV842-029x		0.211	1.14	0.15	1.5	66	5.1	9.9	0.88	90
CV842-054x		0.359	0.55	0.20	1.2	146	71.7	12.4	1.38	70
CV841-004x		0.210	0.02	0.14	<0.2	154	0.3	8.3	0.91	80
CV841-029x		0.170	0.03	0.18	0.2	148	1.0	10.7	1.09	70
CV840-004x		0.274	0.22	0.20	2.0	66	1.5	11.4	1.23	30
CV839-004x		0.786	0.40	0.53	0.6	273	1.6	33.6	3.47	180
CV838-004x		0.393	0.23	0.23	3.4	126	3.2	15.4	1.44	60
CV837-004x		0.405	0.16	0.29	<0.2	297	0.6	17.1	2.00	90
CV837-029x		0.009	7.98	0.01	5.4	5	3.3	1.6	0.07	40
CV836-004x		0.377	0.06	0.29	<0.2	275	<0.3	15.4	1.57	60
CV835-004x		0.277	0.82	0.37	0.7	97	0.7	19.8	2.32	240
CV835-005x		0.284	0.78	0.35	0.6	93	1.0	20.5	2.19	230
CV834-004x		0.340	0.05	0.29	<0.2	264	0.3	16.0	1.72	80
CV833-004x		0.039	<0.02	0.01	<0.2	22	<0.3	0.5	0.07	10
CV833-029x		0.210	5.45	0.16	<0.2	171	0.3	9.1	1.00	140
CV833-037x		0.015	0.02	0.04	0.4	7	0.3	2.3	0.36	10
CV832-004x		0.179	0.20	0.13	2.4	43	1.0	7.7	0.93	60
CV831-004x		0.377	0.42	0.28	1.1	136	1.8	18.2	2.02	90
CV830-004x		1.145	0.08	0.67	0.4	277	1.1	38.7	3.98	150
CV829-004x		0.383	<0.02	0.35	<0.2	233	0.5	18.6	2.08	80
CV828-004x		0.476	0.29	0.30	<0.2	292	0.9	18.6	1.90	80
CV828-029x		0.005	12.45	<0.01	6.2	4	2.3	2.5	0.08	30

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	WEI-21	LOG-QC	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Recvd Wt.	Pass75um	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cs	Cu	Dy	Er
	Units	kg	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	5	4	2	0.4	0.1	0.1	0.8	0.2	0.5	0.1	20	0.03	0.02
CV827-004x		0.24		<5	<4	504	1.3	0.2	2.3	<0.8	64.7	10.2	9.2	20	4.09	2.36
CV826-004x		0.25		<5	6	216	0.9	0.1	7.2	<0.8	33.7	44.9	4.0	70	3.70	2.00
CV825-004x		0.25		<5	<4	114	<0.4	0.1	7.3	<0.8	14.0	49.5	7.9	150	2.95	1.88
CV825-029x		0.25		<5	<4	102	0.5	0.8	1.7	<0.8	23.0	69.3	30.2	230	1.36	0.93
CV824-004x		0.27		<5	45	113	1.5	0.3	5.8	<0.8	25.3	55.6	51.1	80	7.83	5.07
CV824-018x		0.02		<5	6	17	117.0	2.1	0.1	1.2	0.7	1.1	67.2	20	0.12	0.06
CV824-029x		0.24		<5	59	113	0.4	0.1	7.0	<0.8	13.0	57.4	9.2	120	4.60	2.96
CV823-004x		0.25		<5	438	<2	<0.4	0.7	2.9	<0.8	2.7	94.2	5.6	20	0.98	0.63
CV823-005x		<0.02		<5	444	<2	<0.4	0.6	2.8	<0.8	2.6	89.0	5.5	20	0.85	0.54
CV822-004x		0.25		<5	34	139	0.5	<0.1	5.4	<0.8	15.9	57.8	1.8	70	5.38	3.37
CV822-029x		0.25		<5	<4	44	0.5	<0.1	1.5	<0.8	12.6	21.3	1.6	30	1.82	1.11
CV822-054x		0.25		<5	31	293	0.9	0.1	3.3	<0.8	26.6	25.1	4.5	40	2.18	1.37
CV821-004x		0.25		<5	<4	425	1.2	0.1	2.1	<0.8	46.4	24.6	4.3	50	3.90	2.12
CV821-029x		0.25		<5	29	203	0.7	0.1	5.8	<0.8	28.6	40.2	2.9	50	7.15	4.61
CV820-004x		0.27		<5	3770	312	0.9	0.7	7.6	<0.8	77.1	9.5	11.3	40	3.37	2.27
CV820-029x		0.28		<5	18	41	<0.4	0.2	7.0	<0.8	13.9	51.9	2.1	280	4.07	2.67
CV819-004x		0.24		<5	150	32	<0.4	0.1	4.7	<0.8	4.3	59.4	4.7	<20	1.35	0.91
CV819-029x		0.29		<5	104	154	99.8	0.3	0.3	<0.8	4.3	1.1	738	<20	0.55	0.05
CV818-004x		0.25		<5	5	79	<0.4	<0.1	9.3	<0.8	6.1	48.6	3.2	130	2.86	1.79
CV818-018x		0.02		<5	6	17	119.0	2.0	0.1	1.1	0.7	1.0	65.6	20	0.16	0.04
CV817-004x		0.25	88.4	<5	18	117	0.5	0.1	7.5	<0.8	15.1	48.9	12.8	200	2.87	1.86
CV817-029x		0.25		<5	6	53	<0.4	0.1	9.7	<0.8	11.8	53.9	12.2	110	4.34	3.09
CV816-004x		0.25		<5	6	302	0.6	0.1	1.4	<0.8	36.7	9.1	8.4	20	1.51	0.88
CV816-029x		0.25		<5	857	37	0.8	0.2	2.2	<0.8	11.6	15.6	3.6	60	2.28	1.44
CV815-004x		0.25		<5	7	371	0.6	0.1	0.8	<0.8	47.2	10.4	2.1	30	2.15	1.23
CV814-004x		0.25		<5	1230	3	1.7	0.5	2.2	<0.8	1.5	80.6	37.3	<20	0.74	0.55
CV814-029x		0.25		<5	<4	217	0.8	0.2	2.9	<0.8	47.0	15.2	19.0	20	2.67	1.42
CV813-004x		0.25		<5	<4	97	<0.4	<0.1	6.6	<0.8	7.4	51.1	6.5	80	2.97	2.06
CV812-004x		0.25		<5	56	192	0.4	0.1	6.0	<0.8	16.5	53.6	3.3	90	5.30	3.48
CV812-029x		0.25		<5	8	73	0.6	<0.1	7.6	<0.8	27.0	54.3	0.9	70	8.23	5.02
CV811-004x		0.25		<5	33	50	<0.4	<0.1	4.7	<0.8	6.9	45.9	0.8	<20	2.64	1.58
CV810-004x		0.25		<5	6	178	0.4	<0.1	7.9	<0.8	14.3	54.7	1.4	170	4.78	2.85
CV809-004x		0.25		<5	9	37	<0.4	0.2	6.7	<0.8	11.5	56.5	4.1	270	3.03	1.82
CV809-005x		<0.02		<5	9	36	<0.4	0.2	6.5	<0.8	12.5	56.5	4.0	270	3.25	1.75
CV809-029x		0.25		<5	49	342	0.9	0.1	1.5	<0.8	47.8	20.5	12.6	40	3.54	1.90
CV808-004x		0.25		<5	20	142	0.8	0.2	4.0	<0.8	30.8	12.3	2.5	50	1.82	0.89
CV807-004x		0.26		<5	41	95	<0.4	<0.1	4.2	<0.8	11.5	52.0	1.2	70	3.37	1.92
CV806-004x		0.22		<5	8	174	0.4	0.1	6.3	<0.8	30.3	46.9	6.3	70	7.38	4.68
CV806-029x		0.25		<5	171	127	14.0	0.1	6.9	<0.8	12.4	65.3	36.8	80	3.40	1.84
CV805-004x		0.23		<5	6	78	<0.4	<0.1	7.5	<0.8	13.6	61.7	2.1	130	4.02	2.50

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

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To: INNOVA LITHIUM INC.
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Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Eu	Fe	Ga	Gd	Ge	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.03	0.01	0.5	0.03	0.5	0.01	0.3	0.05	0.08	2	0.05	0.01	10	2	0.8
CV827-004x		1.07	3.15	18.4	4.40	2.3	0.84	<0.3	2.23	32.8	62	0.40	1.04	650	2	8.0
CV826-004x		1.18	8.12	17.4	3.75	3.4	0.76	<0.3	0.47	15.05	25	0.34	4.91	1550	<2	3.5
CV825-004x		0.72	8.31	16.2	2.50	2.3	0.65	<0.3	0.33	6.25	57	0.33	4.19	1570	<2	3.0
CV825-029x		0.51	24.4	12.4	1.68	0.9	0.28	<0.3	0.93	12.25	74	0.16	1.82	8570	<2	2.2
CV824-004x		1.91	12.90	22.3	7.20	2.5	1.66	<0.3	0.46	10.15	49	0.78	3.74	2080	<2	5.9
CV824-018x		0.03	0.87	17.6	0.11	6.8	0.02	<0.3	2.04	0.41	10300	<0.05	0.02	760	3	36.3
CV824-029x		1.03	11.35	19.8	3.85	2.0	1.00	<0.3	0.62	5.32	61	0.47	3.35	2680	<2	3.4
CV823-004x		0.13	6.43	5.4	0.72	1.2	0.22	<0.3	<0.05	1.10	6	0.12	17.35	1000	<2	<0.8
CV823-005x		0.18	6.07	5.1	0.63	1.1	0.20	<0.3	<0.05	1.07	4	0.13	16.45	950	<2	<0.8
CV822-004x		1.24	12.05	21.5	4.38	2.6	1.18	<0.3	0.43	6.31	46	0.49	1.84	3710	<2	3.9
CV822-029x		0.48	4.30	9.4	1.46	2.0	0.36	<0.3	0.16	6.08	8	0.14	1.43	410	2	2.2
CV822-054x		0.92	5.67	18.1	2.15	2.6	0.46	<0.3	1.87	13.30	24	0.17	1.34	780	2	3.8
CV821-004x		1.31	5.68	19.5	3.88	2.0	0.78	<0.3	2.06	23.3	34	0.30	1.13	610	2	4.7
CV821-029x		1.74	8.91	20.1	6.43	2.2	1.65	<0.3	0.73	12.30	20	0.71	2.40	1880	<2	5.7
CV820-004x		1.41	5.28	15.0	4.52	1.4	0.73	<0.3	1.66	37.0	30	0.37	0.57	1090	4	6.7
CV820-029x		0.84	12.60	15.6	3.51	1.2	0.88	<0.3	0.22	5.57	18	0.37	2.49	3100	<2	3.4
CV819-004x		0.36	6.77	13.5	1.20	0.9	0.28	<0.3	0.21	1.96	108	0.16	7.76	1100	<2	0.9
CV819-029x		0.09	0.58	92.3	0.99	9.1	0.06	<0.3	1.21	2.85	12300	<0.05	0.13	1410	2	55.4
CV818-004x		0.50	6.46	14.3	2.37	1.4	0.59	<0.3	0.25	2.08	45	0.29	2.66	1680	<2	1.9
CV818-018x		<0.03	0.88	16.4	0.15	6.1	0.02	<0.3	2.05	0.38	10500	<0.05	0.01	760	4	36.2
CV817-004x		0.78	8.25	17.0	2.82	2.4	0.61	<0.3	0.55	6.70	95	0.27	3.62	1490	<2	2.9
CV817-029x		1.11	9.87	19.1	3.96	2.0	0.99	<0.3	0.20	4.65	91	0.45	2.91	1910	<2	3.3
CV816-004x		0.60	2.21	15.2	1.86	1.0	0.28	<0.3	0.95	20.0	27	0.15	0.55	340	3	3.3
CV816-029x		1.34	20.8	6.3	2.49	3.0	0.50	<0.3	0.45	5.60	10	0.23	1.21	440	11	11.8
CV815-004x		0.60	2.12	14.6	2.37	1.1	0.43	<0.3	1.75	25.0	24	0.23	0.45	250	2	4.2
CV814-004x		0.17	6.06	17.3	0.53	4.7	0.20	<0.3	0.07	0.60	45	0.10	15.50	850	<2	1.1
CV814-029x		0.89	3.08	19.4	2.89	0.8	0.56	<0.3	1.25	23.3	110	0.21	1.56	720	2	5.9
CV813-004x		0.63	6.78	14.0	2.40	1.0	0.67	<0.3	0.50	3.21	23	0.31	3.23	1640	<2	1.3
CV812-004x		1.35	10.80	19.1	4.86	2.3	1.20	<0.3	0.50	6.28	29	0.54	3.23	1660	<2	3.7
CV812-029x		1.70	15.95	20.9	6.90	1.8	1.78	<0.3	0.16	10.95	23	0.73	2.24	5650	<2	6.3
CV811-004x		0.46	7.23	11.9	2.29	1.3	0.59	<0.3	0.32	2.86	9	0.28	2.99	1340	<2	1.6
CV810-004x		1.16	9.59	20.0	4.11	1.1	1.00	<0.3	0.24	5.42	9	0.44	3.18	2250	<2	3.7
CV809-004x		0.82	22.2	14.0	2.69	1.6	0.65	<0.3	0.22	5.04	8	0.29	3.30	9070	<2	2.7
CV809-005x		0.75	22.1	13.4	2.68	1.3	0.70	<0.3	0.22	5.56	7	0.27	3.28	8990	<2	2.7
CV809-029x		1.08	5.76	17.8	3.61	1.4	0.68	<0.3	2.72	23.6	50	0.28	0.99	670	2	6.2
CV808-004x		0.95	2.38	11.5	2.12	0.6	0.33	<0.3	1.15	15.85	37	0.13	1.33	530	2	2.0
CV807-004x		0.81	8.57	16.1	3.30	1.5	0.72	<0.3	0.52	4.78	41	0.30	3.01	1720	<2	3.0
CV806-004x		1.70	11.20	20.2	6.79	1.3	1.62	<0.3	0.53	12.50	27	0.66	2.41	2440	<2	7.6
CV806-029x		0.89	9.47	20.3	3.16	2.2	0.71	<0.3	0.66	4.83	350	0.31	3.44	2710	<2	6.1
CV805-004x		0.94	9.33	18.5	3.32	1.5	0.87	<0.3	0.27	5.01	14	0.43	2.96	2280	<2	2.9

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

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1801 AV. MCGILL COLLEGE
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MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr	Ta	Tb	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.07	10	0.5	0.03	0.5	0.01	0.3	3	0.04	3	20	0.04	0.01	0.5	0.1
CV827-004x		27.2	20	11.4	7.31	96.2	<0.01	<0.3	<3	4.86	<3	140	0.82	0.63	<0.5	8.7
CV826-004x		19.55	70	5.8	4.41	19.6	0.04	0.3	<3	4.42	<3	360	0.19	0.60	<0.5	2.5
CV825-004x		7.92	80	2.2	1.89	24.3	0.01	0.5	<3	1.94	<3	120	0.33	0.48	<0.5	1.3
CV825-029x		9.11	50	6.8	2.53	31.5	<0.01	<0.3	3	1.63	<3	80	0.38	0.19	<0.5	3.6
CV824-004x		17.35	50	2.2	3.76	37.8	<0.01	0.6	<3	5.20	16	90	0.42	1.22	<0.5	1.1
CV824-018x		0.32	10	11.0	0.07	668	<0.01	0.3	<3	0.12	144	30	19.40	0.04	<0.5	0.3
CV824-029x		9.49	110	1.6	1.91	31.0	<0.01	0.4	<3	2.81	<3	90	0.11	0.70	<0.5	0.6
CV823-004x		1.94	1500	0.6	0.38	1.2	<0.01	34.9	<3	0.62	<3	40	<0.04	0.13	<0.5	0.1
CV823-005x		1.67	1450	0.7	0.33	0.5	<0.01	33.3	<3	0.44	<3	40	0.16	0.11	<0.5	0.1
CV822-004x		11.10	30	1.6	2.33	21.0	0.01	0.7	<3	3.17	<3	230	0.48	0.81	<0.5	0.7
CV822-029x		6.21	40	2.1	1.56	6.9	<0.01	0.9	<3	1.48	<3	80	<0.04	0.29	<0.5	1.2
CV822-054x		10.95	60	6.1	3.04	102.5	<0.01	2.7	3	2.24	<3	200	0.32	0.35	<0.5	2.7
CV821-004x		20.4	60	9.5	5.32	79.7	<0.01	0.7	<3	4.06	<3	190	0.74	0.62	<0.5	3.6
CV821-029x		17.85	40	4.2	3.82	26.3	<0.01	0.9	<3	5.40	<3	160	0.48	1.10	<0.5	1.3
CV820-004x		32.4	20	12.0	8.63	65.9	0.01	3.3	<3	5.39	<3	240	0.36	0.63	<0.5	6.2
CV820-029x		9.12	70	1.7	2.01	5.6	<0.01	0.4	<3	2.55	<3	130	0.21	0.61	<0.5	0.7
CV819-004x		2.51	410	1.2	0.59	24.4	<0.01	3.4	3	1.08	<3	200	0.18	0.19	<0.5	0.2
CV819-029x		1.81	<10	4.3	0.50	1500	<0.01	12.1	<3	0.97	71	40	129.0	0.19	<0.5	2.1
CV818-004x		5.03	140	0.9	0.94	11.4	<0.01	0.4	<3	1.54	<3	100	0.43	0.42	<0.5	0.1
CV818-018x		0.31	10	10.7	0.08	669	<0.01	<0.3	<3	0.10	142	30	19.35	0.04	<0.5	0.3
CV817-004x		8.09	80	2.4	1.92	60.1	<0.01	0.6	5	2.07	<3	130	0.34	0.47	<0.5	1.2
CV817-029x		8.51	110	2.2	1.80	8.9	0.03	0.3	<3	2.76	<3	170	0.50	0.67	<0.5	0.5
CV816-004x		13.15	20	7.9	3.85	38.5	0.01	<0.3	<3	2.12	<3	240	0.30	0.27	<0.5	3.5
CV816-029x		6.89	30	2.7	1.58	26.7	0.01	1.3	4	2.12	<3	140	<0.04	0.35	<0.5	3.6
CV815-004x		17.30	20	9.1	4.92	50.1	<0.01	0.3	3	2.68	<3	110	0.40	0.34	<0.5	5.1
CV814-004x		1.22	1300	0.8	0.23	10.4	<0.01	228	<3	0.36	23	90	1.50	0.11	<0.5	0.1
CV814-029x		17.90	30	10.2	5.07	56.0	<0.01	0.3	<3	3.45	<3	220	0.54	0.43	<0.5	7.7
CV813-004x		5.06	100	1.0	1.00	25.9	<0.01	0.4	<3	1.59	<3	100	<0.04	0.42	<0.5	0.5
CV812-004x		11.70	80	1.5	2.39	15.7	<0.01	0.6	3	3.60	<3	100	0.34	0.81	<0.5	0.6
CV812-029x		19.70	40	1.5	3.96	3.8	0.01	0.7	<3	5.73	<3	140	0.36	1.18	<0.5	1.2
CV811-004x		4.98	60	1.1	1.02	5.8	<0.01	0.4	<3	1.56	<3	30	0.26	0.38	<0.5	0.3
CV810-004x		10.25	50	2.5	2.22	9.1	<0.01	<0.3	<3	3.52	<3	130	0.37	0.73	<0.5	0.6
CV809-004x		7.68	90	1.2	1.62	2.0	0.01	0.9	<3	2.22	<3	70	0.20	0.47	<0.5	0.6
CV809-005x		7.73	90	1.3	1.73	1.9	0.01	0.9	<3	2.30	<3	70	0.26	0.48	<0.5	0.6
CV809-029x		20.6	40	5.5	5.58	137.0	<0.01	0.7	<3	3.75	<3	140	1.02	0.59	<0.5	5.9
CV808-004x		12.35	10	10.8	3.40	48.7	<0.01	0.3	<3	2.12	<3	100	0.39	0.29	<0.5	1.9
CV807-004x		8.05	110	4.8	1.64	17.5	<0.01	0.5	<3	2.50	<3	70	0.48	0.50	<0.5	0.6
CV806-004x		19.05	60	2.5	4.15	23.6	<0.01	0.4	<3	5.56	<3	130	0.44	1.17	<0.5	1.6
CV806-029x		8.57	210	1.6	1.78	184.5	<0.01	21.2	<3	2.61	9	130	13.70	0.52	<0.5	0.7
CV805-004x		8.24	70	1.6	1.79	8.6	<0.01	<0.3	<3	2.57	<3	100	0.26	0.56	<0.5	0.6

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.01	0.2	1	0.3	0.2	0.02	10
CV827-004x		0.226	0.33	0.36	2.7	52	1.3	23.5	2.61	80
CV826-004x		0.470	0.15	0.37	0.8	251	0.5	18.8	1.86	100
CV825-004x		0.427	0.15	0.27	0.3	266	0.4	17.0	1.92	90
CV825-029x		0.169	0.31	0.15	1.2	55	<0.3	10.0	0.89	130
CV824-004x		1.425	0.22	0.73	0.3	443	1.4	43.2	4.59	160
CV824-018x		<0.005	3.70	0.01	5.8	3	5.3	0.7	0.05	90
CV824-029x		0.712	0.13	0.43	0.2	367	1.9	26.5	2.72	150
CV823-004x		0.093	0.04	0.10	<0.2	105	0.6	5.9	0.68	60
CV823-005x		0.088	0.03	0.08	<0.2	99	0.6	5.7	0.64	60
CV822-004x		0.847	0.09	0.48	0.2	411	1.0	30.5	3.41	100
CV822-029x		0.242	0.05	0.15	0.4	113	1.5	9.8	0.99	40
CV822-054x		0.327	0.45	0.19	0.8	128	2.0	11.8	1.21	70
CV821-004x		0.387	0.36	0.30	0.9	137	1.3	19.9	1.99	110
CV821-029x		1.115	0.12	0.70	0.4	319	3.9	40.1	4.30	140
CV820-004x		0.269	0.30	0.34	1.4	71	719	19.2	2.17	80
CV820-029x		0.592	0.05	0.40	0.2	307	1.6	23.3	2.62	130
CV819-004x		0.306	0.15	0.14	<0.2	182	0.6	8.4	0.94	100
CV819-029x		<0.005	8.04	0.01	3.0	4	1.5	3.1	0.04	80
CV818-004x		0.429	0.05	0.26	<0.2	237	0.3	15.4	1.80	90
CV818-018x		<0.005	3.54	<0.01	5.9	3	5.3	0.7	0.05	90
CV817-004x		0.440	0.25	0.27	0.3	267	0.6	17.2	1.75	90
CV817-029x		0.695	0.07	0.43	<0.2	353	0.7	25.0	2.95	120
CV816-004x		0.183	0.15	0.12	1.1	46	1.1	8.2	0.84	40
CV816-029x		0.035	0.17	0.20	0.8	35	0.6	15.4	1.36	130
CV815-004x		0.199	0.22	0.20	1.3	50	2.6	12.0	1.32	50
CV814-004x		0.085	0.08	0.09	<0.2	104	0.5	4.7	0.59	80
CV814-029x		0.288	0.23	0.22	2.5	77	0.7	13.8	1.54	40
CV813-004x		0.396	0.12	0.30	<0.2	286	0.4	17.6	2.10	90
CV812-004x		0.913	0.08	0.48	0.2	408	1.3	31.3	3.31	120
CV812-029x		1.400	<0.02	0.81	0.3	475	0.9	51.4	4.96	150
CV811-004x		0.355	0.04	0.21	<0.2	213	0.9	16.3	1.58	160
CV810-004x		0.745	0.04	0.47	0.2	351	0.3	29.9	2.81	140
CV809-004x		0.446	<0.02	0.24	0.2	219	0.5	20.9	1.75	140
CV809-005x		0.451	0.03	0.27	0.3	216	0.5	20.0	1.78	120
CV809-029x		0.304	0.64	0.27	1.6	99	2.6	21.1	1.78	80
CV808-004x		0.108	0.16	0.09	0.6	35	1.3	11.7	0.81	80
CV807-004x		0.569	0.06	0.29	0.2	274	0.7	20.7	1.97	120
CV806-004x		1.215	0.10	0.67	0.4	278	1.0	45.5	4.24	110
CV806-029x		0.613	1.06	0.25	0.2	285	0.9	19.8	1.75	110
CV805-004x		0.649	0.05	0.33	0.2	333	<0.3	24.6	2.52	120

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	WEI-21	LOG-QC	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Recvd Wt.	Pass75um	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cs	Cu	Dy	Er
	Units	kg	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	5	4	2	0.4	0.1	0.1	0.8	0.2	0.5	0.1	20	0.03	0.02
CV804-004x		0.25		<5	13	72	0.7	0.1	6.4	<0.8	7.8	46.1	19.6	80	3.11	1.69
CV804-029x		0.25		<5	117	296	2.7	0.1	4.4	<0.8	2.4	83.9	1735	<20	0.81	0.50
CV803-004x		0.25		<5	23	107	<0.4	<0.1	12.7	<0.8	6.6	60.2	30.3	100	2.26	1.35
CV803-029x		0.25		<5	11	96	<0.4	<0.1	8.8	<0.8	6.4	56.3	8.6	100	3.08	2.12
CV802-004x		0.25		<5	128	122	0.8	0.2	5.5	<0.8	6.2	54.7	48.4	100	2.93	1.82
CV802-029x		0.25		<5	825	41	6.0	3.2	0.4	<0.8	1.3	0.7	10150	<20	0.31	0.07
CV801-004x		0.25		<5	5	39	<0.4	<0.1	7.9	<0.8	13.7	59.2	10.2	140	2.56	1.50
CV800-004x		0.25		<5	14	238	1.3	0.2	3.2	<0.8	47.2	21.3	29.8	20	3.25	1.81
CV799-004x		0.25		<5	6	112	<0.4	<0.1	9.2	<0.8	7.7	52.4	14.1	110	2.95	2.04
CV799-005x		<0.02		<5	5	109	<0.4	<0.1	9.1	<0.8	7.6	52.2	13.7	110	3.13	2.00
CV798-04x		Not Recvd														
CV797-004x		0.25		<5	7	52	<0.4	<0.1	8.1	<0.8	7.3	62.0	3.4	120	3.39	2.04
CV796-004x		0.25		<5	63	9	150.0	0.4	0.3	<0.8	0.5	1.1	191.5	<20	0.21	0.04
CV796-029x		0.25		<5	681	212	2.9	0.3	7.7	<0.8	8.6	70.4	102.0	20	1.98	1.26
CV795-004x		0.25		<5	71	59	<0.4	<0.1	6.9	<0.8	9.2	70.8	4.6	250	2.20	1.30
CV794-004x		0.24		<5	171	146	169.5	1.7	0.5	<0.8	0.9	0.8	1470	<20	0.49	0.05
CV794-029x		0.25		<5	138	245	61.7	1.7	0.3	<0.8	0.8	1.3	426	<20	0.33	0.08
CV793-004x		0.24		<5	18	21	<0.4	0.1	5.8	<0.8	5.7	82.9	27.4	<20	1.80	1.18
CV793-029x		0.25		<5	7550	45	10.9	1.1	6.6	1.3	6.7	50.5	336	230	3.03	1.90
CV792-004x		0.25		<5	167	12	43.6	259	0.4	<0.8	1.0	0.8	91.8	<20	0.27	0.04
CV792-029x		0.26		<5	88	51	122.5	0.7	0.6	<0.8	3.5	0.6	343	<20	4.12	0.34
CV791-004x		0.24		<5	19	293	0.5	0.2	5.5	<0.8	20.7	54.2	6.5	210	5.31	3.15
CV790-004x		0.25		<5	20	275	7.6	0.6	6.5	<0.8	6.7	52.7	15.2	50	2.95	1.96
CV790-029x		0.25		<5	275	137	1.1	0.1	6.7	<0.8	11.0	62.1	24.5	60	2.07	1.37
CV789-004x		0.25		<5	74	71	198.0	11.4	0.3	<0.8	3.5	0.9	207	<20	0.90	0.12
CV789-029x		0.25		<5	85	284	<0.4	0.1	7.5	<0.8	9.0	53.1	17.2	20	2.32	1.54
CV788-004x		0.27		<5	23	46	<0.4	<0.1	8.2	<0.8	8.0	53.7	3.8	140	3.01	2.09
CV788-029x		0.25		<5	5	363	0.8	0.1	5.2	<0.8	46.9	17.1	26.1	40	3.27	2.04
CV847-018		0.02														
CV798-004x		0.25														

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method Analyte Units LOD	ME-MS89L Eu ppm 0.03	ME-MS89L Fe % 0.01	ME-MS89L Ga ppm 0.5	ME-MS89L Gd ppm 0.03	ME-MS89L Ge ppm 0.5	ME-MS89L Ho ppm 0.01	ME-MS89L In ppm 0.3	ME-MS89L K % 0.05	ME-MS89L La ppm 0.08	ME-MS89L Li ppm 2	ME-MS89L Lu ppm 0.05	ME-MS89L Mg % 0.01	ME-MS89L Mn ppm 10	ME-MS89L Mo ppm 2	ME-MS89L Nb ppm 0.8
CV804-004x		0.64	8.10	21.7	2.73	1.6	0.69	<0.3	0.51	3.24	300	0.30	4.76	1500	<2	2.2
CV804-029x		0.35	6.01	14.8	0.58	3.3	0.18	<0.3	2.21	0.74	420	0.08	13.80	1280	<2	6.8
CV803-004x		0.51	7.44	11.8	1.88	1.3	0.53	<0.3	0.80	2.79	82	0.24	4.95	1680	<2	1.7
CV803-029x		0.52	9.54	15.4	2.42	1.4	0.72	<0.3	0.36	2.58	72	0.41	3.70	2280	<2	1.5
CV802-004x		0.54	8.16	20.1	2.04	1.2	0.64	<0.3	0.62	2.68	320	0.31	3.25	1940	<2	1.7
CV802-029x		0.04	0.33	67.1	0.44	23.8	0.02	<0.3	2.52	0.64	10400	<0.05	0.04	1290	<2	28.7
CV801-004x		0.69	7.77	15.1	2.29	2.1	0.57	<0.3	0.26	5.83	17	0.24	5.35	1360	<2	2.9
CV800-004x		1.05	5.31	19.0	3.91	1.1	0.68	<0.3	0.95	23.7	175	0.28	1.59	920	<2	7.0
CV799-004x		0.70	8.32	15.5	2.30	1.5	0.68	<0.3	0.67	3.18	41	0.33	4.10	1680	<2	1.7
CV799-005x		0.64	8.28	15.8	2.38	1.3	0.66	<0.3	0.67	3.19	42	0.30	4.08	1660	<2	2.0
CV798-04x																
CV797-004x		0.75	7.39	17.0	2.79	1.6	0.74	<0.3	0.24	2.64	17	0.30	3.74	1730	<2	2.2
CV796-004x		0.03	0.41	59.7	0.23	4.4	0.01	<0.3	1.24	0.16	72	<0.05	0.05	330	<2	38.1
CV796-029x		0.43	7.60	15.4	1.60	2.3	0.41	<0.3	0.89	4.05	380	0.18	7.12	1720	<2	1.9
CV795-004x		0.60	7.95	12.4	2.19	1.7	0.51	<0.3	0.20	3.60	75	0.21	7.66	1400	<2	2.4
CV794-004x		0.03	0.31	59.6	0.77	12.6	0.03	<0.3	4.89	0.45	166	<0.05	0.02	560	<2	51.0
CV794-029x		0.06	0.58	57.4	0.28	6.1	0.03	<0.3	3.06	0.36	1090	<0.05	0.07	530	<2	37.8
CV793-004x		0.43	7.82	11.4	1.41	1.9	0.35	<0.3	0.16	2.55	450	0.18	10.55	1480	<2	1.3
CV793-029x		0.65	7.89	38.4	2.31	4.5	0.69	<0.3	0.35	2.92	890	0.36	3.88	2240	<2	3.1
CV792-004x		0.05	0.20	48.3	0.27	8.8	0.03	<0.3	0.44	0.36	29	<0.05	0.01	310	<2	20.4
CV792-029x		0.05	0.41	71.9	6.21	6.1	0.25	<0.3	1.56	1.13	5140	<0.05	0.03	2150	<2	129.0
CV791-004x		1.18	9.00	23.2	4.68	1.5	1.20	<0.3	0.91	8.44	59	0.49	1.68	2040	<2	6.3
CV790-004x		0.58	8.46	17.4	2.32	1.8	0.63	<0.3	0.92	2.81	40	0.31	3.30	1930	<2	2.0
CV790-029x		0.51	7.62	15.2	1.84	2.2	0.46	<0.3	0.56	5.00	410	0.22	6.71	1580	<2	2.5
CV789-004x		0.08	0.38	73.7	1.72	6.9	0.07	<0.3	0.95	1.28	2940	<0.05	0.04	1270	<2	172.0
CV789-029x		0.59	7.31	15.0	2.27	1.6	0.55	<0.3	1.20	3.83	49	0.20	4.30	1520	<2	2.1
CV788-004x		0.58	7.82	15.1	2.38	1.7	0.68	<0.3	0.25	3.02	13	0.37	4.10	1440	<2	1.7
CV788-029x		1.01	4.25	17.3	3.53	1.1	0.73	<0.3	1.78	21.4	79	0.34	1.52	950	2	8.3
CV847-018																
CV798-004x																

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method Analyte Units LOD	ME-MS89L Nd ppm 0.07	ME-MS89L Ni ppm 10	ME-MS89L Pb ppm 0.5	ME-MS89L Pr ppm 0.03	ME-MS89L Rb ppm 0.5	ME-MS89L Re ppm 0.01	ME-MS89L Sb ppm 0.3	ME-MS89L Se ppm 3	ME-MS89L Sm ppm 0.04	ME-MS89L Sn ppm 3	ME-MS89L Sr ppm 20	ME-MS89L Ta ppm 0.04	ME-MS89L Tb ppm 0.01	ME-MS89L Te ppm 0.5	ME-MS89L Th ppm 0.1
CV804-004x		5.91	110	1.6	1.21	154.0	0.05	2.8	<3	2.07	6	90	0.16	0.52	<0.5	0.6
CV804-029x		1.70	1240	0.6	0.38	1025	<0.01	16.8	<3	0.49	7	20	0.67	0.12	<0.5	0.2
CV803-004x		4.60	180	1.6	0.92	32.2	<0.01	0.4	<3	1.45	<3	70	0.17	0.33	<0.5	0.4
CV803-029x		4.63	90	1.1	0.92	7.8	0.01	0.7	<3	1.71	<3	70	0.13	0.46	<0.5	0.4
CV802-004x		4.10	90	1.4	0.92	113.0	<0.01	11.5	<3	1.41	<3	90	0.23	0.41	<0.5	0.4
CV802-029x		0.55	<10	8.9	0.14	4360	<0.01	34.9	<3	0.39	90	20	436	0.10	<0.5	2.1
CV801-004x		7.96	200	1.8	1.76	12.2	<0.01	0.3	<3	2.10	<3	140	0.61	0.43	<0.5	1.0
CV800-004x		20.6	10	7.4	5.39	53.9	<0.01	0.4	<3	4.14	<3	180	0.35	0.56	<0.5	5.0
CV799-004x		5.12	80	1.2	1.10	22.9	<0.01	0.3	<3	2.01	<3	80	0.52	0.47	<0.5	0.5
CV799-005x		5.05	70	1.2	1.14	22.2	<0.01	<0.3	<3	1.68	<3	80	0.07	0.43	<0.5	0.5
CV798-04x																
CV797-004x		5.85	170	1.1	1.19	8.2	<0.01	0.3	<3	2.10	<3	100	0.52	0.48	<0.5	0.2
CV796-004x		0.28	<10	3.4	0.08	1655	<0.01	8.5	<3	0.16	100	<20	26.5	0.05	<0.5	1.0
CV796-029x		4.66	430	1.0	1.09	433	<0.01	15.7	<3	1.43	8	70	1.31	0.29	<0.5	0.8
CV795-004x		6.06	360	1.4	1.35	12.7	<0.01	1.3	<3	1.62	<3	110	0.62	0.36	<0.5	0.5
CV794-004x		0.61	<10	10.8	0.12	12400	<0.01	10.2	<3	0.56	288	40	103.5	0.17	<0.5	1.3
CV794-029x		0.43	<10	8.3	0.13	3710	<0.01	4.2	<3	0.21	74	60	140.0	0.06	<0.5	0.9
CV793-004x		3.62	590	0.7	0.79	48.0	<0.01	1.8	<3	1.00	<3	30	0.31	0.26	<0.5	0.4
CV793-029x		4.49	90	4.7	1.04	393	0.07	295	<3	1.48	14	70	6.92	0.50	<0.5	1.8
CV792-004x		0.46	10	65.7	0.14	717	0.01	31.9	<3	0.27	20	20	58.0	0.07	<0.5	1.6
CV792-029x		2.40	<10	6.9	0.57	2200	0.01	8.0	<3	4.69	47	20	167.0	1.32	<0.5	4.7
CV791-004x		14.45	90	3.7	2.89	46.6	0.01	0.4	<3	3.90	<3	80	0.68	0.87	<0.5	1.3
CV790-004x		4.82	90	2.7	0.99	83.7	<0.01	0.9	<3	1.61	10	140	0.30	0.46	<0.5	0.4
CV790-029x		6.37	270	1.3	1.43	121.0	0.01	11.8	<3	1.61	<3	140	0.11	0.33	<0.5	1.1
CV789-004x		2.14	<10	6.0	0.55	1090	<0.01	6.3	<3	1.77	143	20	202	0.30	<0.5	10.4
CV789-029x		5.58	160	1.4	1.22	104.0	<0.01	0.7	3	1.85	<3	110	<0.04	0.37	<0.5	0.8
CV788-004x		5.68	80	1.1	1.14	2.4	<0.01	0.5	3	1.77	<3	80	0.34	0.41	<0.5	0.6
CV788-029x		20.3	40	5.6	5.41	83.9	<0.01	0.3	<3	3.91	<3	160	0.40	0.57	<0.5	4.5
CV847-018																
CV798-004x																

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.01	0.2	1	0.3	0.2	0.02	10
CV804-004x		0.502	0.64	0.31	0.2	264	0.9	18.0	1.73	90
CV804-029x		0.080	6.43	0.07	<0.2	72	<0.3	5.4	0.57	100
CV803-004x		0.310	0.16	0.23	<0.2	200	0.4	14.6	1.40	80
CV803-029x		0.365	0.04	0.32	<0.2	280	0.3	21.6	2.17	100
CV802-004x		0.403	0.51	0.27	<0.2	286	0.5	18.6	1.79	90
CV802-029x		<0.005	22.9	<0.01	11.2	3	5.2	1.7	0.03	40
CV801-004x		0.432	0.07	0.23	0.2	212	<0.3	15.4	1.51	70
CV800-004x		0.522	0.25	0.26	1.3	156	0.8	20.0	1.74	70
CV799-004x		0.430	0.08	0.28	<0.2	271	<0.3	20.0	1.92	90
CV799-005x		0.423	0.07	0.28	<0.2	270	<0.3	20.0	1.90	90
CV798-04x										
CV797-004x		0.496	0.06	0.30	<0.2	289	0.4	21.0	2.12	100
CV796-004x		0.008	6.62	<0.01	1.4	6	2.3	1.0	0.05	30
CV796-029x		0.281	2.06	0.17	0.2	180	0.7	12.0	1.24	90
CV795-004x		0.369	0.05	0.19	<0.2	205	0.3	14.0	1.38	90
CV794-004x		<0.005	81.2	<0.01	2.9	4	1.8	2.3	0.08	30
CV794-029x		0.016	21.9	<0.01	2.8	7	0.9	1.9	0.10	40
CV793-004x		0.253	0.22	0.14	<0.2	179	0.4	11.4	1.19	80
CV793-029x		0.334	2.74	0.32	0.3	255	1.1	18.5	1.87	90
CV792-004x		<0.005	3.70	<0.01	2.6	4	0.5	1.4	0.08	30
CV792-029x		0.005	13.10	0.03	12.0	3	2.5	16.3	0.25	90
CV791-004x		0.910	0.18	0.45	0.4	367	0.6	33.3	3.14	100
CV790-004x		0.371	0.33	0.27	<0.2	272	0.7	18.8	1.84	90
CV790-029x		0.327	0.69	0.21	0.3	195	1.0	14.0	1.42	80
CV789-004x		0.006	4.65	0.01	6.5	4	3.2	4.8	0.18	30
CV789-029x		0.368	0.44	0.22	<0.2	242	0.9	14.4	1.43	70
CV788-004x		0.401	0.02	0.35	<0.2	309	0.7	19.0	2.01	80
CV788-029x		0.383	0.34	0.30	1.2	102	0.9	20.6	1.98	80
CV847-018										
CV798-004x										

Comments: **Corrected copy with last sample ID Corrected to CV798-004x.**

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To: INNOVA LITHIUM INC.
1801 AV. MCGILL COLLEGE
SUITE 900
MONTRÉAL QC H3A 1Z4

Finalized Date: 30-JUN-2025
Account: INVLITH

Project: CORVETTE- Batch ID: Check 15

CERTIFICATE OF ANALYSIS VA25177307

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
LOG-21d	LOG-24	LOG-QC	ME-MS89L
ROL-21	SPL-34	WEI-21	

ANALYSIS REPORT BBM25-48443

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-807	Date Received	22 Mar 2025
Project	Corvette	Date Analysed	25 Mar 2025 - 16 Apr 2025
Submission Number	Batch CDM-001	Date Completed	16 Apr 2025
Number of Samples	20	SGS Order Number	BBM25-48443

Methods Summary

Number of Sample	Method Code	Description
20	G_WGH_KG	Weight of samples received
20	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
20	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
11	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.
Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.
Marked Cu and V NR for sample CV807-007 due to Fe interference in scheme GE_ICP91A50.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com
Member of the SGS Group (SGS SA)

Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV807-001	3.67	7.07	22	227	<5	7.1
CV807-002	3.52	6.98	14	24	<5	8.9
CV807-003	3.70	7.31	46	159	<5	4.9
CV807-004	2.32	6.02	42	95	<5	4.1
CV807-005	-	5.42	30	93	<5	4.0
CV807-006	3.83	5.35	111	205	<5	4.9
CV807-007	3.83	0.33	<10	23	<5	1.6
CV807-008	3.14	7.62	66	340	<5	1.4
CV807-009	3.15	6.60	37	119	<5	0.6
CV807-010	2.33	4.60	23	146	<5	0.4
CV807-011	2.87	5.80	209	144	<5	0.5
CV807-012	0.51	0.16	<10	30	<5	<0.1
CV807-013	3.47	7.16	11	86	<5	3.0
CV807-014	2.35	7.37	33	205	<5	3.2
CV807-015	1.39	6.52	213	108	<5	6.9
CV807-016	3.66	7.28	11	212	<5	4.6
CV807-017	2.43	6.86	<10	209	<5	5.7
CV807-018	0.03	8.34	25	57	153	0.3
CV807-019	0.99	5.28	14	176	<5	4.5
CV807-020	3.18	6.69	35	306	<5	4.5
*Std OREAS 753	-	8.14	16	16	111	0.2
*Rep CV807-007	-	0.33	11	21	<5	1.6
*Std AMIS0341	-	8.59	433	154	209	0.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 550	-	2.71	232	335	<5	6.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV807-001	416	99	7.91	0.6	18	3.53
CV807-002	377	82	7.32	0.2	16	3.66
CV807-003	149	121	10.51	0.8	44	2.56
CV807-004	427	117	9.34	0.6	43	2.91
CV807-005	467	78	8.38	0.5	41	2.79
CV807-006	207	181	14.74	0.8	43	2.21
CV807-007	170	NR	>25.00	<0.1	<10	1.17
CV807-008	261	43	4.96	2.1	40	1.07
CV807-009	272	27	2.30	0.6	21	0.91
CV807-010	334	18	1.89	0.8	17	0.78
CV807-011	325	18	2.24	0.6	25	1.05
CV807-012	328	<10	0.28	0.1	<10	<0.01
CV807-013	383	61	8.46	0.4	78	5.87
CV807-014	720	82	10.08	0.7	67	4.31
CV807-015	555	105	15.91	0.6	20	2.30
CV807-016	240	44	10.58	0.7	34	2.32
CV807-017	234	31	9.39	0.7	30	2.21
CV807-018	22	36	0.83	2.2	7108	0.05
CV807-019	272	21	7.26	0.7	47	1.35
CV807-020	207	24	3.39	0.9	28	0.99
*Std OREAS 753	24	18	0.80	2.0	9874	0.01
*Rep CV807-007	155	NR	>25.00	0.1	<10	1.17
*Std AMIS0341	431	50	0.90	2.9	5024	0.21
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 550	40	2674	1.22	0.7	104	6.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV807-001	1583	71	0.02	0.05	46	23.9
CV807-002	2003	70	0.02	0.08	45	23.1
CV807-003	1904	43	0.05	0.15	46	23.5
CV807-004	1792	100	0.03	0.47	39	27.2
CV807-005	1639	107	0.03	0.30	35	27.9
CV807-006	5415	46	0.03	2.60	22	21.9
CV807-007	277	6	0.14	0.43	<5	22.6
CV807-008	498	42	0.03	0.65	12	>30.0
CV807-009	191	26	0.02	0.15	6	>30.0
CV807-010	202	24	0.02	0.16	<5	>30.0
CV807-011	223	25	0.02	0.08	5	>30.0
CV807-012	22	10	<0.01	<0.01	<5	>30.0
CV807-013	1377	167	0.09	0.05	33	23.1
CV807-014	2726	157	0.08	0.24	29	22.7
CV807-015	7048	219	0.08	1.23	29	19.9
CV807-016	3335	63	0.07	0.60	17	25.2
CV807-017	3286	57	0.07	0.41	16	25.9
CV807-018	787	14	0.14	0.03	<5	>30.0
CV807-019	2376	43	0.04	0.54	11	29.5
CV807-020	1207	25	0.05	<0.01	12	30.0
*Std OREAS 753	718	14	0.11	<0.01	<5	>30.0
*Rep CV807-007	277	7	0.14	0.43	<5	22.7
*Std AMIS0341	1693	28	0.28	0.02	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 550	1173	18	0.03	0.21	6	23.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV807-001	87	0.36	249	80	<1	<5
CV807-002	97	0.36	247	82	<1	<5
CV807-003	130	0.83	367	127	<1	14
CV807-004	71	0.63	282	119	<1	21
CV807-005	59	0.56	258	110	<1	27
CV807-006	63	0.39	153	148	<1	6
CV807-007	32	0.01	NR	5	<1	<5
CV807-008	125	0.26	79	88	<1	6
CV807-009	156	0.19	47	26	<1	32
CV807-010	90	0.13	31	16	<1	448
CV807-011	130	0.16	42	16	<1	416
CV807-012	<10	0.01	<5	<5	<1	<5
CV807-013	123	0.73	250	81	<1	53
CV807-014	121	0.47	167	85	<1	49
CV807-015	189	0.34	165	76	<1	555
CV807-016	223	0.38	112	78	<1	<5
CV807-017	200	0.36	102	71	<1	<5
CV807-018	41	0.02	<5	104	<1	11
CV807-019	96	0.28	72	53	<1	6
CV807-020	176	0.29	80	62	<1	<5
*Std OREAS 753	30	<0.01	<5	82	<1	<5
*Rep CV807-007	32	0.01	NR	7	<1	<5
*Std AMIS0341	68	0.01	5	110	<1	20
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 550	57	0.18	56	43	<1	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV807-001	<0.1	<0.2	6.2	45.4	1.9	2.98
CV807-002	<0.1	<0.2	6.2	43.3	0.4	3.08
CV807-003	<0.1	<0.2	17.6	51.0	2.0	5.69
CV807-004	<0.1	<0.2	12.9	49.5	1.2	3.78
CV807-005	<0.1	<0.2	12.2	46.3	1.1	3.62
CV807-006	0.3	0.4	30.5	36.6	2.1	3.82
CV807-007	<0.1	<0.2	15.3	1.6	16.3	1.64
CV807-008	0.2	<0.2	34.7	15.3	3.9	2.00
CV807-009	0.1	<0.2	38.3	10.4	1.1	1.40
CV807-010	0.2	<0.2	26.2	6.6	0.9	1.17
CV807-011	<0.1	<0.2	33.0	8.5	1.1	1.53
CV807-012	<0.1	<0.2	3.9	0.9	0.2	0.40
CV807-013	<0.1	<0.2	38.2	47.7	1.1	4.42
CV807-014	<0.1	<0.2	39.9	44.8	2.1	2.96
CV807-015	0.1	<0.2	29.9	61.7	0.7	2.32
CV807-016	<0.1	<0.2	37.5	23.2	1.4	3.06
CV807-017	<0.1	<0.2	32.8	20.8	1.3	2.75
CV807-018	2.7	2.0	3.7	1.4	68.2	0.41
CV807-019	<0.1	<0.2	25.9	13.9	1.7	2.24
CV807-020	<0.1	<0.2	31.4	13.1	1.4	2.45
*Std OREAS 753	2.5	1.8	0.8	1.2	64.2	0.16
*Rep CV807-007	<0.1	<0.2	15.1	1.5	15.6	1.57
*Std AMIS0341	24.9	<0.2	1.1	3.7	495	0.29
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 550	1.5	<0.2	38.7	1553	0.6	3.40

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV807-001	2.03	0.56	14	2.27	2	1
CV807-002	2.18	0.59	14	2.32	2	1
CV807-003	3.68	1.27	21	5.01	2	3
CV807-004	2.36	0.92	17	3.63	2	2
CV807-005	2.24	0.93	16	3.34	1	2
CV807-006	2.44	0.83	16	3.68	2	3
CV807-007	1.09	1.09	1	1.69	8	<1
CV807-008	1.19	0.73	16	2.30	2	3
CV807-009	0.82	0.53	14	1.58	<1	3
CV807-010	0.68	0.43	11	1.32	<1	2
CV807-011	0.89	0.59	14	1.81	<1	3
CV807-012	0.25	<0.05	<1	0.32	<1	1
CV807-013	2.76	1.22	18	4.45	2	3
CV807-014	1.76	1.22	16	3.40	2	3
CV807-015	1.44	0.77	12	2.58	2	1
CV807-016	1.85	1.04	16	3.31	1	4
CV807-017	1.68	1.08	15	3.12	1	3
CV807-018	0.15	0.05	18	0.35	6	2
CV807-019	1.35	0.75	12	2.38	1	2
CV807-020	1.58	0.82	15	2.57	1	3
*Std OREAS 753	0.05	<0.05	16	0.13	6	1
*Rep CV807-007	0.98	1.02	1	1.69	8	<1
*Std AMIS0341	0.12	<0.05	43	0.29	9	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 550	1.80	0.82	7	3.99	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV807-001	0.63	<0.2	2.6	0.30	<2	1
CV807-002	0.65	<0.2	2.6	0.31	<2	1
CV807-003	1.12	<0.2	6.9	0.50	<2	3
CV807-004	0.81	<0.2	5.4	0.30	<2	3
CV807-005	0.72	<0.2	5.3	0.29	<2	3
CV807-006	0.79	<0.2	14.2	0.35	<2	5
CV807-007	0.35	<0.2	8.0	0.14	<2	<1
CV807-008	0.37	<0.2	17.8	0.16	<2	3
CV807-009	0.27	<0.2	19.9	0.12	<2	3
CV807-010	0.21	<0.2	13.2	0.11	2	2
CV807-011	0.30	<0.2	16.9	0.14	<2	3
CV807-012	0.08	<0.2	2.0	<0.05	<2	<1
CV807-013	0.91	<0.2	17.7	0.38	<2	5
CV807-014	0.58	<0.2	17.2	0.25	<2	4
CV807-015	0.45	<0.2	12.8	0.21	<2	4
CV807-016	0.61	<0.2	18.0	0.26	<2	6
CV807-017	0.55	<0.2	16.2	0.23	<2	6
CV807-018	0.05	<0.2	1.9	<0.05	3	53
CV807-019	0.42	<0.2	12.7	0.18	2	4
CV807-020	0.51	<0.2	15.6	0.23	<2	5
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	36
*Rep CV807-007	0.34	<0.2	8.1	0.15	<2	<1
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	120
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 550	0.63	<0.2	21.4	0.23	2	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV807-001	4.4	<5	0.88	20.5	0.4	1.5
CV807-002	4.5	<5	0.88	2.7	0.4	1.5
CV807-003	12.8	<5	2.62	23.1	0.4	3.8
CV807-004	9.5	5	1.83	15.5	0.4	2.8
CV807-005	8.7	5	1.74	15.1	0.5	2.8
CV807-006	14.6	27	3.59	21.0	0.7	3.3
CV807-007	7.4	<5	1.73	3.9	0.9	1.5
CV807-008	13.9	9	3.84	58.4	0.2	2.5
CV807-009	14.2	7	3.97	13.4	0.2	2.2
CV807-010	9.9	<5	2.78	18.0	0.2	1.6
CV807-011	13.1	6	3.57	13.4	0.3	2.2
CV807-012	1.7	<5	0.45	2.5	0.2	0.3
CV807-013	20.2	<5	4.79	14.6	0.4	4.3
CV807-014	20.8	<5	5.10	20.7	0.4	4.0
CV807-015	16.2	<5	3.92	15.7	1.3	3.0
CV807-016	17.6	5	4.42	23.7	0.3	3.6
CV807-017	15.2	<5	3.96	22.4	0.3	3.2
CV807-018	1.5	18	0.41	667	0.6	0.4
CV807-019	12.6	<5	3.08	26.1	0.4	2.5
CV807-020	13.7	6	3.52	26.6	0.2	2.6
*Std OREAS 753	0.3	12	0.09	637	0.2	0.2
*Rep CV807-007	7.0	<5	1.69	3.9	0.9	1.4
*Std AMIS0341	0.6	13	0.12	3954	11.0	0.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 550	19.3	15	4.91	21.0	0.3	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV807-001	<1	<0.5	0.39	0.4	<0.5	0.29
CV807-002	<1	<0.5	0.41	0.4	<0.5	0.29
CV807-003	<1	<0.5	0.81	0.9	<0.5	0.49
CV807-004	<1	<0.5	0.58	0.7	<0.5	0.32
CV807-005	<1	<0.5	0.50	0.6	<0.5	0.30
CV807-006	1	<0.5	0.55	3.9	<0.5	0.35
CV807-007	<1	<0.5	0.23	0.5	<0.5	0.15
CV807-008	<1	<0.5	0.29	4.4	<0.5	0.15
CV807-009	<1	<0.5	0.23	4.4	<0.5	0.12
CV807-010	<1	<0.5	0.18	3.1	<0.5	0.09
CV807-011	<1	<0.5	0.24	3.6	<0.5	0.13
CV807-012	<1	<0.5	0.05	1.0	<0.5	<0.05
CV807-013	1	<0.5	0.65	1.9	<0.5	0.40
CV807-014	<1	<0.5	0.45	2.7	<0.5	0.25
CV807-015	<1	<0.5	0.35	1.0	<0.5	0.19
CV807-016	1	<0.5	0.48	2.8	<0.5	0.26
CV807-017	1	<0.5	0.44	2.6	<0.5	0.24
CV807-018	233	43.4	0.07	1.1	4.1	<0.05
CV807-019	1	<0.5	0.33	2.0	<0.5	0.19
CV807-020	1	<0.5	0.37	3.3	<0.5	0.22
*Std OREAS 753	133	20.1	<0.05	0.3	3.9	<0.05
*Rep CV807-007	<1	<0.5	0.22	0.5	<0.5	0.14
*Std AMIS0341	78	733	<0.05	5.6	41.1	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 550	1	0.5	0.55	5.4	<0.5	0.24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV807-001	0.11	<1	18.2	2.0	39.8	-
CV807-002	0.10	<1	19.2	2.2	39.2	-
CV807-003	0.25	1	30.8	3.4	94.7	-
CV807-004	0.22	<1	21.0	2.2	67.0	<5
CV807-005	0.18	<1	20.1	2.1	62.4	-
CV807-006	0.97	<1	23.5	2.4	107	14
CV807-007	0.13	<1	12.3	1.0	7.4	6
CV807-008	1.39	3	10.2	1.1	108	5
CV807-009	1.13	2	8.0	0.8	100	-
CV807-010	0.79	1	6.8	0.7	77.4	<5
CV807-011	1.01	2	9.1	1.0	102	<5
CV807-012	0.32	<1	2.5	0.3	30.6	-
CV807-013	0.48	3	25.4	2.7	114	-
CV807-014	0.63	<1	16.8	1.9	108	<5
CV807-015	0.21	<1	14.5	1.4	54.4	9
CV807-016	0.70	<1	18.8	1.9	137	<5
CV807-017	0.68	<1	16.9	1.6	132	<5
CV807-018	8.88	5	1.9	0.2	33.6	-
CV807-019	0.55	<1	13.8	1.3	98.1	<5
CV807-020	0.78	<1	14.7	1.5	119	-
*Std OREAS 753	6.23	6	0.8	<0.1	12.2	-
*Rep CV807-007	0.13	<1	12.0	1.0	7.8	-
*Std AMIS0341	13.43	5	2.0	0.1	24.5	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.6	-
*Std OREAS 550	24.64	<1	18.5	1.6	103	-
*Blk BLANK	-	-	-	-	-	<5
*Std SL107	-	-	-	-	-	4950
*Std SN117	-	-	-	-	-	8690
*Std OREAS L14	-	-	-	-	-	3280

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-807
Project	Corvette
Submission Number	Batch CDM-001
Number of Samples	20

ANALYSIS REPORT BBM25-48443

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48444

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-808	Date Received	22 Mar 2025
Project	Corvette	Date Analysed	25 Mar 2025 - 10 Apr 2025
Submission Number	Batch CDM-002	Date Completed	14 Apr 2025
Number of Samples	25	SGS Order Number	BBM25-48444

Methods Summary

Number of Sample	Method Code	Description
25	G_WGH_KG	Weight of samples received
25	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
25	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
14	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV808-001	3.51	7.23	<10	142	<5	6.0
CV808-002	3.45	8.05	<10	81	<5	5.8
CV808-003	3.63	6.92	<10	27	<5	6.5
CV808-004	1.30	5.35	33	174	<5	2.6
CV808-005	-	4.82	35	127	<5	4.1
CV808-006	3.25	6.62	26	168	<5	0.8
CV808-007	2.13	6.11	21	174	<5	1.2
CV808-008	3.19	6.88	22	265	<5	1.3
CV808-009	3.16	6.51	35	148	<5	0.7
CV808-010	2.58	6.81	331	190	<5	4.5
CV808-011	2.97	6.94	<10	79	<5	4.1
CV808-012	0.51	0.21	<10	16	<5	<0.1
CV808-013	3.58	6.47	10	242	<5	4.7
CV808-014	2.53	6.98	15	220	<5	4.7
CV808-015	2.35	7.15	19	282	<5	4.6
CV808-016	3.62	7.84	28	376	<5	3.2
CV808-017	3.79	5.41	18	298	<5	0.7
CV808-018	0.04	8.30	23	56	154	0.2
CV808-019	4.36	5.56	46	310	<5	0.9
CV808-020	3.28	6.23	47	435	<5	3.0
CV808-021	2.89	6.94	19	144	<5	6.3
CV808-022	3.52	6.37	17	166	<5	4.2
CV808-023	3.52	6.57	<10	72	<5	6.2
CV808-024	3.46	7.43	16	346	<5	4.0
CV808-025	2.35	6.89	103	331	<5	5.2
*Rep CV808-001	-	7.24	<10	144	<5	6.0
*Std OREAS 147	-	4.95	26	1925	34	1.2
*Blk BLANK	-	0.01	<10	<10	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV808-001	424	111	9.31	1.2	73	4.09
CV808-002	449	122	7.47	0.3	45	3.27
CV808-003	205	121	10.79	0.2	15	2.74
CV808-004	292	72	2.44	1.2	37	1.23
CV808-005	298	54	2.50	1.1	40	1.42
CV808-006	334	22	2.77	0.9	23	0.85
CV808-007	339	20	2.38	0.8	22	0.57
CV808-008	311	24	2.56	1.0	27	0.67
CV808-009	303	20	2.81	0.9	40	1.07
CV808-010	601	16	14.07	0.9	27	2.53
CV808-011	197	54	11.48	0.7	31	2.57
CV808-012	420	<10	0.38	0.1	<10	0.02
CV808-013	220	45	10.20	1.1	23	2.22
CV808-014	242	41	11.36	0.9	32	2.26
CV808-015	278	26	9.92	1.2	29	2.19
CV808-016	254	35	6.15	2.0	37	1.76
CV808-017	261	87	5.73	2.0	31	0.83
CV808-018	24	38	0.86	2.1	6650	0.05
CV808-019	242	31	3.17	2.5	34	0.69
CV808-020	256	64	6.45	2.1	57	1.09
CV808-021	179	107	9.64	0.6	19	3.10
CV808-022	232	96	9.63	1.1	34	2.62
CV808-023	176	47	11.06	0.3	12	2.00
CV808-024	193	39	5.24	2.4	30	1.22
CV808-025	222	54	7.39	1.0	21	2.14
*Rep CV808-001	414	113	9.37	1.2	73	4.12
*Std OREAS 147	72	300	3.27	1.8	2254	0.55
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV808-001	1593	73	0.03	0.09	46	24.0
CV808-002	1408	87	0.03	0.13	50	25.1
CV808-003	3103	50	0.05	0.07	44	23.4
CV808-004	415	23	0.08	0.22	<5	>30.0
CV808-005	548	18	0.07	0.22	<5	>30.0
CV808-006	292	28	0.03	0.13	7	>30.0
CV808-007	296	26	0.03	0.15	6	>30.0
CV808-008	330	29	0.02	0.14	6	>30.0
CV808-009	310	28	0.03	0.14	6	>30.0
CV808-010	6209	144	0.07	0.45	26	23.5
CV808-011	3302	67	0.07	0.58	16	24.8
CV808-012	25	10	<0.01	<0.01	<5	>30.0
CV808-013	3445	57	0.07	0.39	15	24.4
CV808-014	4540	60	0.07	0.84	16	24.3
CV808-015	3857	58	0.07	0.25	16	26.3
CV808-016	1626	60	0.06	1.09	16	27.3
CV808-017	615	40	0.05	3.43	11	>30.0
CV808-018	788	16	0.14	0.03	<5	>30.0
CV808-019	563	20	0.03	0.97	8	>30.0
CV808-020	1401	21	0.09	1.61	19	29.4
CV808-021	1955	69	0.10	0.17	50	22.8
CV808-022	1593	68	0.07	1.66	33	23.8
CV808-023	2056	29	0.16	0.25	42	23.6
CV808-024	1282	30	0.06	0.04	12	28.5
CV808-025	1086	46	0.09	0.17	26	26.3
*Rep CV808-001	1605	68	0.02	0.09	46	24.0
*Std OREAS 147	398	28	0.16	0.02	9	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV808-001	91	0.37	257	84	<1	<5
CV808-002	146	0.41	273	68	<1	<5
CV808-003	173	0.75	343	99	<1	27
CV808-004	109	0.13	37	66	<1	11
CV808-005	91	0.11	36	57	<1	13
CV808-006	143	0.20	50	38	<1	8
CV808-007	186	0.18	44	36	<1	9
CV808-008	188	0.19	47	35	<1	18
CV808-009	91	0.20	52	21	<1	114
CV808-010	171	0.52	164	94	<1	132
CV808-011	59	0.38	110	60	<1	<5
CV808-012	<10	0.01	<5	<5	<1	<5
CV808-013	133	0.34	97	59	<1	<5
CV808-014	119	0.37	105	65	<1	<5
CV808-015	130	0.38	110	78	<1	<5
CV808-016	149	0.39	103	104	<1	<5
CV808-017	81	0.31	53	324	<1	26
CV808-018	40	0.02	<5	86	<1	13
CV808-019	89	0.18	19	207	<1	<5
CV808-020	123	0.48	76	177	<1	230
CV808-021	173	1.32	486	135	<1	49
CV808-022	122	0.78	279	141	<1	30
CV808-023	174	1.22	344	128	<1	8
CV808-024	148	0.35	77	65	<1	7
CV808-025	193	0.69	245	84	<1	<5
*Rep CV808-001	90	0.38	255	81	<1	<5
*Std OREAS 147	300	0.48	62	131	<1	34
*Blk BLANK	<10	<0.01	<5	11	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV808-001	<0.1	<0.2	5.8	42.9	3.1	2.53
CV808-002	<0.1	<0.2	6.6	50.3	0.7	3.08
CV808-003	<0.1	<0.2	15.0	49.6	0.3	5.18
CV808-004	0.3	<0.2	26.0	10.3	2.5	1.44
CV808-005	0.2	<0.2	31.9	11.1	2.1	1.68
CV808-006	<0.1	<0.2	43.2	9.8	0.8	1.61
CV808-007	0.1	<0.2	35.0	9.7	0.9	1.40
CV808-008	<0.1	<0.2	40.7	10.8	1.0	1.49
CV808-009	0.2	<0.2	46.1	9.6	1.7	1.47
CV808-010	<0.1	<0.2	42.2	37.0	2.4	3.23
CV808-011	<0.1	<0.2	33.3	25.2	0.9	2.81
CV808-012	<0.1	<0.2	3.8	1.1	0.1	0.39
CV808-013	<0.1	<0.2	31.3	20.7	1.8	2.79
CV808-014	0.1	<0.2	33.4	23.7	1.7	2.80
CV808-015	<0.1	<0.2	35.5	21.7	1.9	3.11
CV808-016	0.2	<0.2	36.2	23.9	3.2	3.11
CV808-017	0.4	0.7	48.6	16.0	2.2	5.86
CV808-018	2.7	1.3	3.6	1.3	67.2	0.37
CV808-019	0.1	0.4	67.3	5.8	3.2	8.90
CV808-020	0.1	0.3	47.1	14.6	5.7	7.34
CV808-021	<0.1	<0.2	21.0	64.1	1.3	7.38
CV808-022	0.3	0.3	23.9	47.8	2.7	5.83
CV808-023	<0.1	<0.2	24.7	46.4	0.3	7.99
CV808-024	<0.1	<0.2	40.7	15.1	3.0	3.33
CV808-025	<0.1	<0.2	34.5	34.9	2.1	4.09
*Rep CV808-001	<0.1	<0.2	5.7	45.1	3.2	2.59
*Std OREAS 147	13.3	0.6	1214	6.8	242	8.76
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV808-001	1.72	0.54	17	2.00	2	1
CV808-002	2.03	0.61	19	2.34	2	1
CV808-003	3.32	1.06	23	4.70	2	3
CV808-004	0.89	0.71	13	1.68	<1	2
CV808-005	0.82	0.89	13	1.92	<1	<1
CV808-006	0.90	0.56	18	1.89	1	3
CV808-007	0.78	0.54	15	1.62	<1	2
CV808-008	0.88	0.54	18	1.71	1	3
CV808-009	0.91	0.56	17	1.97	<1	3
CV808-010	1.80	1.29	17	3.75	1	2
CV808-011	1.75	0.98	19	3.19	1	3
CV808-012	0.25	0.06	<1	0.30	1	<1
CV808-013	1.65	0.98	18	2.91	1	3
CV808-014	1.74	0.98	18	2.96	1	3
CV808-015	1.85	0.95	19	3.19	1	3
CV808-016	1.88	0.90	21	3.26	1	4
CV808-017	3.67	1.03	18	5.73	1	5
CV808-018	0.15	0.06	20	0.37	6	2
CV808-019	5.76	1.33	19	8.07	1	8
CV808-020	4.91	1.42	21	6.68	2	6
CV808-021	4.71	1.57	26	5.94	2	4
CV808-022	3.64	1.18	22	5.04	1	3
CV808-023	4.98	2.01	25	7.04	1	4
CV808-024	2.06	1.00	21	3.50	1	4
CV808-025	2.54	1.11	20	4.00	2	4
*Rep CV808-001	1.73	0.53	17	2.01	2	1
*Std OREAS 147	2.69	10.56	21	21.45	3	6
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV808-001	0.57	<0.2	2.4	0.25	<2	1
CV808-002	0.67	<0.2	2.8	0.30	<2	1
CV808-003	1.12	<0.2	6.0	0.47	<2	3
CV808-004	0.27	<0.2	13.6	0.10	<2	2
CV808-005	0.30	<0.2	17.2	0.11	<2	2
CV808-006	0.32	<0.2	23.3	0.13	<2	3
CV808-007	0.28	<0.2	18.6	0.11	<2	3
CV808-008	0.29	<0.2	21.9	0.12	<2	3
CV808-009	0.30	<0.2	24.9	0.13	<2	3
CV808-010	0.67	<0.2	18.8	0.27	<2	4
CV808-011	0.58	<0.2	16.1	0.26	<2	6
CV808-012	0.08	<0.2	2.1	<0.05	<2	<1
CV808-013	0.58	<0.2	15.3	0.23	<2	5
CV808-014	0.58	<0.2	16.5	0.24	2	5
CV808-015	0.59	<0.2	17.5	0.25	<2	6
CV808-016	0.64	<0.2	17.7	0.26	<2	6
CV808-017	1.25	<0.2	22.2	0.58	<2	9
CV808-018	<0.05	<0.2	1.9	<0.05	3	52
CV808-019	1.88	<0.2	30.8	0.95	2	14
CV808-020	1.57	<0.2	20.9	0.74	<2	10
CV808-021	1.54	<0.2	8.5	0.64	<2	5
CV808-022	1.19	<0.2	10.9	0.49	<2	5
CV808-023	1.72	<0.2	10.0	0.71	<2	5
CV808-024	0.69	<0.2	20.4	0.28	<2	6
CV808-025	0.85	<0.2	16.2	0.37	<2	5
*Rep CV808-001	0.60	<0.2	2.4	0.27	<2	1
*Std OREAS 147	1.26	2.9	738	0.18	8	1171
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV808-001	4.0	<5	0.81	32.1	0.3	1.3
CV808-002	4.7	<5	0.92	5.8	0.4	1.6
CV808-003	11.2	<5	2.25	5.4	0.8	3.4
CV808-004	10.5	15	2.79	46.1	0.3	1.9
CV808-005	12.6	11	3.44	40.2	0.3	2.1
CV808-006	15.9	7	4.51	24.4	0.2	2.4
CV808-007	12.7	8	3.69	20.8	0.2	1.9
CV808-008	14.3	9	4.20	22.5	0.2	2.2
CV808-009	17.0	6	4.86	29.6	0.2	2.6
CV808-010	22.6	<5	5.38	32.8	0.8	4.3
CV808-011	15.7	<5	3.98	17.4	0.4	3.2
CV808-012	1.6	<5	0.46	2.5	0.2	0.3
CV808-013	14.9	<5	3.75	39.5	0.4	3.0
CV808-014	15.7	7	4.02	34.2	0.4	3.2
CV808-015	17.0	6	4.23	49.3	0.3	3.4
CV808-016	16.6	9	4.30	73.9	0.4	3.3
CV808-017	24.1	14	6.05	49.2	0.8	5.4
CV808-018	1.5	18	0.41	666	0.7	0.4
CV808-019	35.7	8	8.47	67.5	0.2	8.1
CV808-020	26.5	8	6.19	68.2	1.6	6.3
CV808-021	14.9	<5	3.04	22.8	0.7	4.6
CV808-022	14.3	11	3.19	33.4	1.4	4.0
CV808-023	17.5	<5	3.58	6.4	0.4	5.4
CV808-024	17.7	7	4.66	68.9	0.1	3.6
CV808-025	17.7	<5	4.33	23.6	0.3	3.7
*Rep CV808-001	4.0	<5	0.82	32.1	0.3	1.4
*Std OREAS 147	387	29	120	1201	10.4	48.6
*Blk BLANK	<0.1	<5	<0.05	<0.2	0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV808-001	<1	<0.5	0.36	0.4	<0.5	0.26
CV808-002	<1	<0.5	0.42	0.4	<0.5	0.31
CV808-003	<1	<0.5	0.79	0.7	<0.5	0.45
CV808-004	<1	<0.5	0.23	2.6	<0.5	0.11
CV808-005	<1	<0.5	0.28	1.6	<0.5	0.11
CV808-006	<1	<0.5	0.27	4.7	<0.5	0.13
CV808-007	<1	<0.5	0.23	3.9	<0.5	0.13
CV808-008	<1	<0.5	0.24	4.8	<0.5	0.12
CV808-009	<1	<0.5	0.24	4.6	<0.5	0.13
CV808-010	<1	<0.5	0.53	2.1	<0.5	0.27
CV808-011	<1	<0.5	0.46	2.6	<0.5	0.24
CV808-012	<1	<0.5	<0.05	1.2	<0.5	<0.05
CV808-013	1	<0.5	0.42	2.4	<0.5	0.23
CV808-014	1	<0.5	0.47	2.5	<0.5	0.24
CV808-015	<1	<0.5	0.48	2.7	<0.5	0.26
CV808-016	1	<0.5	0.50	3.3	<0.5	0.27
CV808-017	3	0.6	0.93	5.6	<0.5	0.55
CV808-018	237	40.7	0.06	1.0	3.9	<0.05
CV808-019	3	0.8	1.37	4.9	<0.5	0.90
CV808-020	2	0.6	1.11	3.4	<0.5	0.69
CV808-021	1	<0.5	1.11	1.1	<0.5	0.66
CV808-022	1	<0.5	0.87	2.2	<0.5	0.52
CV808-023	1	<0.5	1.17	1.4	<0.5	0.70
CV808-024	2	<0.5	0.54	3.7	<0.5	0.30
CV808-025	<1	<0.5	0.64	2.5	<0.5	0.37
*Rep CV808-001	<1	<0.5	0.36	0.4	<0.5	0.27
*Std OREAS 147	798	17.3	2.16	91.9	11.5	0.31
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV808-001	0.10	3	14.6	1.8	36.8	<5
CV808-002	0.09	1	17.4	2.0	38.9	-
CV808-003	0.17	7	28.9	3.2	78.2	-
CV808-004	0.85	1	8.6	0.8	84.0	16
CV808-005	0.65	2	10.0	0.7	33.2	-
CV808-006	1.24	2	8.7	0.9	95.1	-
CV808-007	1.25	2	7.6	0.8	78.4	<5
CV808-008	1.32	3	8.2	0.9	108	<5
CV808-009	1.17	1	8.3	0.9	96.9	-
CV808-010	0.47	<1	18.1	2.0	86.4	13
CV808-011	0.65	2	16.3	1.6	123	<5
CV808-012	0.35	<1	2.2	0.3	29.3	-
CV808-013	0.65	<1	16.1	1.7	111	-
CV808-014	0.65	<1	16.2	1.7	120	<5
CV808-015	0.70	1	16.7	1.7	126	-
CV808-016	0.86	1	17.4	1.8	133	<5
CV808-017	1.45	2	32.6	3.9	170	13
CV808-018	8.31	5	1.7	0.1	27.9	-
CV808-019	1.24	1	49.3	6.4	252	<5
CV808-020	0.86	7	41.7	4.8	204	10
CV808-021	0.29	2	40.5	4.3	126	<5
CV808-022	0.56	3	32.8	3.3	108	20
CV808-023	0.34	1	43.5	4.7	150	-
CV808-024	0.86	<1	19.3	1.9	162	-
CV808-025	0.64	5	23.1	2.5	127	<5
*Std SN117	-	-	-	-	-	8720
*Rep CV808-014	-	-	-	-	-	<5
*Blk BLANK	-	-	-	-	-	<5
*Rep CV808-001	0.10	2	14.4	1.8	37.6	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-808
Project	Corvette
Submission Number	Batch CDM-002
Number of Samples	25

ANALYSIS REPORT BBM25-48444

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std OREAS 147	15.72	5	27.1	1.7	194	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.5	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48445

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-811	Date Received	22 Mar 2025
Project	Corvette	Date Analysed	25 Mar 2025 - 10 Apr 2025
Submission Number	Batch CDM-003	Date Completed	10 Apr 2025
Number of Samples	22	SGS Order Number	BBM25-48445

Methods Summary

Number of Sample	Method Code	Description
22	G_WGH_KG	Weight of samples received
22	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
22	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
12	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV811-001	3.72	7.08	24	84	<5	6.5
CV811-002	1.24	7.25	1000	118	<5	5.6
CV811-003	3.46	7.87	37	498	<5	3.3
CV811-004	1.20	4.04	1681	45	<5	4.6
CV811-005	-	4.23	2160	52	<5	4.4
CV811-006	3.78	7.01	61	72	<5	7.9
CV811-007	3.78	6.32	1199	219	<5	6.1
CV811-008	3.90	6.46	82	227	<5	6.8
CV811-009	3.75	6.67	75	105	<5	6.3
CV811-010	3.96	6.49	155	262	<5	6.1
CV811-011	4.27	5.52	13	77	<5	7.6
CV811-012	0.51	0.17	<10	16	<5	<0.1
CV811-013	3.85	6.95	17	336	<5	6.0
CV811-014	3.87	6.79	23	287	<5	6.4
CV811-015	3.96	5.17	71	171	<5	7.7
CV811-016	1.31	6.32	2640	120	<5	7.3
CV811-017	3.99	5.86	142	75	<5	6.5
CV811-018	0.02	8.43	19	17	116	0.2
CV811-019	3.99	5.59	1012	189	6	5.5
CV811-020	3.95	6.32	448	268	<5	6.3
CV811-021	4.03	6.41	111	139	<5	6.6
CV811-022	3.61	5.81	564	176	<5	6.4
*Std OREAS 753	-	8.14	16	16	111	0.2
*Std AMIS0341	-	8.59	433	154	209	0.6
*Rep CV811-004	-	4.10	1706	45	<5	4.7
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 550	-	2.71	232	335	<5	6.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV811-001	226	109	10.30	0.6	18	3.84
CV811-002	192	146	9.31	0.7	24	3.41
CV811-003	229	45	4.92	1.6	89	2.35
CV811-004	340	<10	7.40	0.3	11	2.94
CV811-005	268	<10	6.94	0.4	11	2.85
CV811-006	193	129	9.00	0.2	21	3.47
CV811-007	149	86	10.68	0.5	30	3.13
CV811-008	161	112	10.91	0.9	50	3.27
CV811-009	150	102	11.45	0.5	27	3.49
CV811-010	153	74	12.47	0.4	31	2.35
CV811-011	104	77	17.57	0.3	20	3.01
CV811-012	319	<10	0.34	0.1	<10	0.01
CV811-013	194	60	9.82	0.4	23	2.04
CV811-014	209	61	11.30	0.5	34	2.24
CV811-015	176	128	13.39	0.6	29	1.88
CV811-016	172	239	13.69	0.4	31	2.42
CV811-017	197	108	16.14	0.3	31	2.19
CV811-018	26	18	0.83	2.0	10175	0.01
CV811-019	289	200	12.78	0.5	42	2.13
CV811-020	169	107	11.63	0.5	40	2.30
CV811-021	181	86	13.81	0.4	29	2.43
CV811-022	186	103	11.01	0.5	43	2.02
*Std OREAS 753	24	18	0.80	2.0	9874	0.01
*Std AMIS0341	431	50	0.90	2.9	5024	0.21
*Rep CV811-004	321	<10	7.45	0.3	11	2.97
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 550	40	2674	1.22	0.7	104	6.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV811-001	1870	76	0.03	0.03	47	24.3
CV811-002	1838	68	0.06	0.44	41	23.9
CV811-003	1416	62	0.08	0.09	20	29.0
CV811-004	1333	63	0.01	<0.01	34	28.8
CV811-005	1240	64	0.01	<0.01	30	28.7
CV811-006	2230	88	0.03	0.18	46	23.1
CV811-007	1856	58	0.10	0.38	42	23.5
CV811-008	1708	77	0.09	0.24	43	22.1
CV811-009	1773	71	0.10	0.15	46	22.8
CV811-010	3613	53	0.10	0.29	37	22.9
CV811-011	6118	51	0.07	0.20	40	19.3
CV811-012	34	8	<0.01	<0.01	<5	>30.0
CV811-013	3275	67	0.09	0.10	45	25.3
CV811-014	3543	72	0.09	0.17	45	23.9
CV811-015	3587	62	0.05	3.62	30	21.9
CV811-016	3909	51	0.08	1.02	42	21.2
CV811-017	5157	111	0.08	1.50	40	21.6
CV811-018	747	23	0.11	<0.01	<5	27.2
CV811-019	3393	67	0.08	1.97	37	25.0
CV811-020	3643	55	0.09	0.82	42	22.9
CV811-021	4550	78	0.09	0.77	44	21.8
CV811-022	3337	60	0.09	0.84	39	23.6
*Std OREAS 753	718	14	0.11	<0.01	<5	>30.0
*Std AMIS0341	1693	28	0.28	0.02	<5	>30.0
*Rep CV811-004	1345	65	0.01	<0.01	35	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 550	1173	18	0.03	0.21	6	23.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV811-001	176	0.60	323	114	<1	13
CV811-002	169	0.62	287	159	<1	80
CV811-003	186	0.35	122	130	<1	26
CV811-004	31	0.38	220	150	<1	13
CV811-005	41	0.35	202	141	<1	16
CV811-006	153	0.54	291	102	<1	20
CV811-007	113	0.95	357	135	<1	19
CV811-008	121	0.97	370	117	<1	57
CV811-009	118	1.01	396	127	<1	12
CV811-010	154	1.09	320	120	<1	19
CV811-011	70	0.93	344	119	<1	19
CV811-012	<10	0.01	<5	<5	<1	<5
CV811-013	128	1.27	442	132	<1	59
CV811-014	121	1.24	441	133	<1	67
CV811-015	156	0.66	235	97	<1	16
CV811-016	77	1.01	367	132	<1	28
CV811-017	59	0.98	336	162	<1	21
CV811-018	30	<0.01	<5	85	<1	<5
CV811-019	83	0.91	335	120	<1	10
CV811-020	129	1.06	360	125	<1	26
CV811-021	111	1.12	373	128	<1	72
CV811-022	105	0.99	331	115	<1	61
*Std OREAS 753	30	<0.01	<5	82	<1	<5
*Std AMIS0341	68	0.01	5	110	<1	20
*Rep CV811-004	34	0.38	222	151	<1	16
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 550	57	0.18	56	43	<1	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV811-001	<0.1	<0.2	10.3	53.7	2.0	4.13
CV811-002	0.1	<0.2	22.5	44.1	2.8	4.73
CV811-003	<0.1	0.6	45.8	22.1	11.1	3.08
CV811-004	<0.1	<0.2	7.6	36.9	0.7	2.93
CV811-005	<0.1	<0.2	6.3	35.3	0.8	2.46
CV811-006	<0.1	<0.2	7.7	55.6	1.5	3.64
CV811-007	0.2	0.3	21.2	47.5	33.1	6.27
CV811-008	0.1	<0.2	16.6	49.8	8.4	5.94
CV811-009	<0.1	<0.2	16.4	52.9	4.7	5.87
CV811-010	<0.1	0.2	29.0	47.0	6.2	7.22
CV811-011	<0.1	<0.2	17.3	49.1	3.9	6.12
CV811-012	<0.1	<0.2	4.2	1.0	0.2	0.45
CV811-013	<0.1	<0.2	22.1	54.2	2.9	7.27
CV811-014	<0.1	<0.2	22.3	57.2	4.7	7.48
CV811-015	0.8	<0.2	20.9	40.8	5.5	5.62
CV811-016	0.1	<0.2	20.2	56.3	4.9	6.79
CV811-017	0.3	2.5	20.6	70.8	2.8	6.40
CV811-018	2.5	1.4	0.8	1.2	61.6	0.16
CV811-019	4.5	0.4	19.3	48.6	3.4	6.08
CV811-020	1.9	0.3	18.9	43.1	42.5	6.27
CV811-021	0.3	0.2	21.5	54.7	7.2	6.96
CV811-022	0.4	<0.2	19.3	49.3	7.2	6.39
*Std OREAS 753	2.5	1.8	0.8	1.2	64.2	0.16
*Std AMIS0341	24.9	<0.2	1.1	3.7	495	0.29
*Rep CV811-004	<0.1	<0.2	7.2	38.1	0.7	2.96
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 550	1.5	<0.2	38.7	1553	0.6	3.40

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV811-001	2.68	0.92	18	3.37	2	2
CV811-002	2.98	1.23	19	4.65	2	3
CV811-003	1.71	1.11	16	3.56	1	4
CV811-004	1.83	0.55	12	2.40	2	1
CV811-005	1.67	0.51	12	2.17	2	1
CV811-006	2.31	0.82	18	2.99	2	2
CV811-007	4.04	1.51	20	5.50	3	4
CV811-008	3.65	1.48	19	5.36	2	3
CV811-009	3.84	1.41	20	5.06	2	3
CV811-010	4.60	1.65	20	6.50	2	4
CV811-011	4.07	1.19	18	5.44	2	3
CV811-012	0.30	0.06	<1	0.41	1	2
CV811-013	4.53	1.53	22	6.43	2	4
CV811-014	4.70	1.70	22	6.39	2	4
CV811-015	3.49	1.36	16	4.58	2	3
CV811-016	4.43	1.39	20	5.84	2	4
CV811-017	4.09	1.39	19	5.50	2	3
CV811-018	<0.05	<0.05	16	0.14	6	<1
CV811-019	3.70	1.34	18	5.28	4	3
CV811-020	4.06	1.40	18	5.73	3	3
CV811-021	4.80	1.53	20	6.24	3	4
CV811-022	4.10	1.47	18	5.69	3	3
*Std OREAS 753	0.05	<0.05	16	0.13	6	1
*Std AMIS0341	0.12	<0.05	43	0.29	9	3
*Rep CV811-004	1.98	0.55	12	2.34	2	1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 550	1.80	0.82	7	3.99	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV811-001	0.85	<0.2	4.0	0.35	<2	2
CV811-002	0.95	<0.2	9.6	0.40	<2	5
CV811-003	0.58	<0.2	21.6	0.24	<2	5
CV811-004	0.57	<0.2	3.1	0.25	<2	1
CV811-005	0.52	<0.2	2.5	0.24	<2	1
CV811-006	0.74	<0.2	2.8	0.32	<2	2
CV811-007	1.29	<0.2	8.5	0.52	<2	4
CV811-008	1.18	<0.2	6.3	0.50	<2	3
CV811-009	1.20	<0.2	6.3	0.51	<2	4
CV811-010	1.41	<0.2	12.0	0.65	<2	7
CV811-011	1.26	<0.2	7.1	0.57	<2	4
CV811-012	0.09	<0.2	2.3	<0.05	<2	<1
CV811-013	1.47	<0.2	8.5	0.60	<2	5
CV811-014	1.47	<0.2	8.8	0.62	<2	5
CV811-015	1.14	<0.2	8.8	0.48	<2	5
CV811-016	1.38	<0.2	8.1	0.61	<2	4
CV811-017	1.31	<0.2	8.4	0.59	<2	4
CV811-018	<0.05	<0.2	0.4	<0.05	3	31
CV811-019	1.19	<0.2	7.7	0.47	6	5
CV811-020	1.28	<0.2	7.5	0.54	<2	4
CV811-021	1.49	<0.2	8.6	0.64	<2	5
CV811-022	1.33	<0.2	7.8	0.58	<2	4
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	36
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	120
*Rep CV811-004	0.59	<0.2	2.9	0.27	<2	2
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 550	0.63	<0.2	21.4	0.23	2	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV811-001	7.8	<5	1.49	23.4	0.7	2.5
CV811-002	14.1	18	3.02	21.1	0.5	3.9
CV811-003	21.2	15	5.28	67.4	0.3	4.0
CV811-004	5.5	<5	1.08	4.6	0.4	1.6
CV811-005	4.7	<5	0.92	6.2	0.4	1.5
CV811-006	6.6	<5	1.20	2.9	0.5	2.2
CV811-007	14.6	<5	3.01	28.6	0.5	4.4
CV811-008	12.4	<5	2.46	30.6	0.7	3.9
CV811-009	12.8	<5	2.49	22.0	0.4	4.0
CV811-010	18.8	<5	3.95	13.1	0.4	5.1
CV811-011	13.0	<5	2.55	4.6	0.6	4.1
CV811-012	1.9	<5	0.51	2.2	0.2	0.4
CV811-013	16.0	<5	3.18	12.4	0.3	4.8
CV811-014	16.2	<5	3.17	18.9	0.4	4.9
CV811-015	13.2	<5	2.78	20.1	0.3	3.7
CV811-016	14.3	<5	2.92	9.1	0.3	4.4
CV811-017	14.5	<5	2.97	8.7	0.3	4.4
CV811-018	0.3	12	0.09	622	0.2	0.1
CV811-019	13.7	<5	2.79	25.5	0.3	4.0
CV811-020	13.8	<5	2.83	41.6	0.3	4.4
CV811-021	15.7	<5	3.10	15.8	0.3	4.8
CV811-022	14.1	<5	2.86	29.4	0.3	4.3
*Std OREAS 753	0.3	12	0.09	637	0.2	0.2
*Std AMIS0341	0.6	13	0.12	3954	11.0	0.2
*Rep CV811-004	5.4	<5	1.07	4.8	0.4	1.8
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 550	19.3	15	4.91	21.0	0.3	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV811-001	<1	<0.5	0.57	0.5	<0.5	0.37
CV811-002	<1	<0.5	0.73	2.2	<0.5	0.42
CV811-003	1	<0.5	0.51	4.7	<0.5	0.24
CV811-004	<1	<0.5	0.40	0.3	<0.5	0.25
CV811-005	<1	<0.5	0.34	0.3	<0.5	0.24
CV811-006	<1	<0.5	0.51	0.3	<0.5	0.32
CV811-007	23	<0.5	0.89	1.1	<0.5	0.55
CV811-008	<1	<0.5	0.82	0.7	<0.5	0.51
CV811-009	<1	<0.5	0.84	0.8	<0.5	0.51
CV811-010	1	<0.5	1.07	1.9	<0.5	0.62
CV811-011	<1	<0.5	0.87	1.1	<0.5	0.57
CV811-012	<1	<0.5	0.06	1.3	<0.5	<0.05
CV811-013	1	<0.5	1.03	1.1	<0.5	0.63
CV811-014	1	<0.5	1.04	1.1	<0.5	0.66
CV811-015	<1	<0.5	0.79	1.5	<0.5	0.49
CV811-016	<1	<0.5	0.97	1.0	<0.5	0.62
CV811-017	1	<0.5	0.92	1.1	<0.5	0.59
CV811-018	102	16.5	<0.05	0.3	4.0	<0.05
CV811-019	48	<0.5	0.85	0.9	<0.5	0.51
CV811-020	18	<0.5	0.91	0.9	<0.5	0.55
CV811-021	5	<0.5	1.01	1.1	<0.5	0.62
CV811-022	10	<0.5	0.90	1.0	<0.5	0.59
*Std OREAS 753	133	20.1	<0.05	0.3	3.9	<0.05
*Std AMIS0341	78	733	<0.05	5.6	41.1	<0.05
*Rep CV811-004	<1	<0.5	0.40	0.3	<0.5	0.27
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 550	1	0.5	0.55	5.4	<0.5	0.24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV811-001	0.13	<1	23.7	2.6	61.3	-
CV811-002	0.54	2	27.6	2.8	96.5	<5
CV811-003	1.07	1	17.0	1.7	128	-
CV811-004	0.11	<1	16.8	1.8	41.6	<5
CV811-005	0.10	<1	14.7	1.6	36.5	-
CV811-006	0.08	<1	20.9	2.2	51.7	-
CV811-007	0.36	22	35.8	3.7	150	<5
CV811-008	0.21	2	33.6	3.7	123	<5
CV811-009	0.21	1	34.2	3.5	126	-
CV811-010	0.52	1	43.2	4.3	163	-
CV811-011	0.34	2	36.9	4.0	103	-
CV811-012	0.42	<1	2.9	0.4	51.9	-
CV811-013	0.29	3	42.4	4.2	135	<5
CV811-014	0.28	2	41.9	4.3	130	-
CV811-015	0.42	3	33.1	3.4	102	<5
CV811-016	0.33	3	41.2	4.5	125	<5
CV811-017	0.32	<1	36.9	4.1	123	<5
CV811-018	6.54	6	0.8	<0.1	11.3	-
CV811-019	0.27	2	34.1	3.3	115	121
CV811-020	0.24	2	37.2	3.8	115	36
CV811-021	0.29	4	43.1	4.4	135	<5
CV811-022	0.27	4	38.4	4.0	119	<5
*Blk BLANK	-	-	-	-	-	<5
*Std SL107	-	-	-	-	-	4950
*Rep CV811-022	-	-	-	-	-	<5
*Std SN117	-	-	-	-	-	8690
*Std OREAS L14	-	-	-	-	-	3280
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS 753	6.23	6	0.8	<0.1	12.2	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-811
Project	Corvette
Submission Number	Batch CDM-003
Number of Samples	22

ANALYSIS REPORT BBM25-48445

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std AMIS0341	13.43	5	2.0	0.1	24.5	-
*Rep CV811-004	0.11	<1	17.2	1.9	42.1	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.6	-
*Std OREAS 550	24.64	<1	18.5	1.6	103	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

ANALYSIS REPORT BBM25-48446

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-812	Date Received	22 Mar 2025
Project	Corvette	Date Analysed	26 Mar 2025 - 10 Apr 2025
Submission Number	Batch CDM-004	Date Completed	10 Apr 2025
Number of Samples	35	SGS Order Number	BBM25-48446

Methods Summary

Number of Sample	Method Code	Description
35	G_WGH_KG	Weight of samples received
35	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
35	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
21	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV812-001	3.82	6.77	62	91	<5	6.5
CV812-002	1.21	5.61	73	282	<5	5.4
CV812-003	1.25	5.88	23	70	<5	6.8
CV812-004	1.24	6.55	413	159	<5	6.0
CV812-005	-	6.76	372	189	<5	6.0
CV812-006	3.92	6.69	13	37	<5	6.4
CV812-007	1.94	7.27	41	335	<5	6.4
CV812-008	3.90	6.76	22	76	<5	5.8
CV812-009	3.40	6.11	<10	209	<5	4.5
CV812-010	2.14	6.91	74	46	<5	5.8
CV812-011	2.82	7.21	55	596	<5	3.3
CV812-012	0.51	0.17	<10	14	<5	<0.1
CV812-013	1.24	6.89	22	286	<5	6.6
CV812-014	5.32	6.63	172	224	<5	6.6
CV812-015	4.01	6.54	138	385	<5	6.8
CV812-016	4.05	6.86	23	528	<5	6.5
CV812-017	1.37	7.22	<10	490	<5	6.2
CV812-018	0.02	8.59	24	56	151	0.2
CV812-019	1.30	6.42	32	260	<5	7.3
CV812-020	4.00	6.77	65	232	<5	6.7
CV812-021	3.21	6.81	850	267	<5	6.4
CV812-022	3.11	6.97	345	168	<5	7.2
CV812-023	5.03	6.81	97	258	<5	6.7
CV812-024	1.50	1.94	957	62	<5	1.5
CV812-025	3.77	7.03	42	294	<5	5.6
CV812-026	1.32	5.98	51	101	<5	5.8
CV812-027	4.01	6.52	282	167	9	7.7
CV812-028	4.50	7.75	5504	136	8	5.6
CV812-029	4.03	5.77	21	62	<5	7.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV812-030	-	5.75	13	54	<5	7.5
CV812-031	3.42	5.93	37	322	<5	3.3
CV812-032	3.17	6.34	59	439	<5	2.2
CV812-033	3.78	7.00	20	215	<5	7.9
CV812-034	2.50	4.50	1019	40	<5	7.4
CV812-035	3.74	7.29	35	94	<5	6.1
*Rep CV812-006	-	6.70	14	36	<5	6.5
*Std AMIS0341	-	8.75	426	150	208	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 553	-	3.02	312	300	<5	5.4
*Std OREAS 750	-	5.67	12	416	39	0.8
*Std OREAS 753	-	8.14	16	16	111	0.2
*Std AMIS0341	-	8.59	433	154	209	0.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 550	-	2.71	232	335	<5	6.5

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV812-001	154	95	10.56	0.2	23	2.71
CV812-002	185	69	8.66	0.7	55	2.51
CV812-003	186	96	9.45	0.3	19	2.74
CV812-004	211	90	11.25	0.5	31	3.34
CV812-005	200	97	10.71	0.5	34	3.15
CV812-006	160	121	11.32	0.2	27	3.37
CV812-007	148	230	11.54	0.9	50	3.73

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV812-008	147	96	11.46	0.4	20	3.38
CV812-009	81	110	13.48	1.2	54	2.56
CV812-010	131	41	10.14	1.1	34	2.63
CV812-011	137	35	4.38	2.7	45	0.74
CV812-012	387	<10	0.32	0.1	<10	0.01
CV812-013	183	<10	8.63	0.6	21	2.11
CV812-014	210	94	13.72	0.5	31	2.38
CV812-015	206	70	13.39	0.6	46	2.46
CV812-016	203	64	12.70	0.5	37	2.43
CV812-017	254	26	14.30	0.3	31	2.31
CV812-018	26	36	0.81	2.1	7025	0.04
CV812-019	218	94	13.64	0.5	38	1.92
CV812-020	216	93	11.38	0.5	39	2.02
CV812-021	228	48	10.33	0.5	37	2.04
CV812-022	279	58	13.25	0.8	45	2.88
CV812-023	333	130	12.47	1.2	49	2.42
CV812-024	457	61	4.91	0.2	22	0.74
CV812-025	228	121	11.24	0.5	54	2.32
CV812-026	281	155	14.57	0.2	27	2.07
CV812-027	199	147	14.85	0.5	24	2.65
CV812-028	269	362	19.43	0.3	29	2.37
CV812-029	176	83	15.15	0.1	24	2.06
CV812-030	164	79	15.31	0.1	24	2.05
CV812-031	209	89	11.33	1.2	67	1.50
CV812-032	328	64	6.36	1.5	57	1.50
CV812-033	219	107	10.81	0.5	32	3.51
CV812-034	1972	52	9.55	0.2	68	7.92
CV812-035	146	170	11.00	0.5	46	3.07
*Rep CV812-006	165	120	11.30	0.2	27	3.36

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std AMIS0341	425	54	0.88	2.8	4949	0.20
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 553	39	5658	1.21	0.7	101	5.28
*Std OREAS 750	32	21	1.63	1.7	2416	0.31
*Std OREAS 753	24	18	0.80	2.0	9874	0.01
*Std AMIS0341	431	50	0.90	2.9	5024	0.21
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 550	40	2674	1.22	0.7	104	6.03

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV812-001	2418	66	0.05	0.25	45	23.1
CV812-002	1325	43	0.11	0.16	34	24.0
CV812-003	1675	64	0.10	0.26	37	23.4
CV812-004	1709	73	0.08	0.27	45	23.3
CV812-005	1635	78	0.08	0.31	42	23.9
CV812-006	1678	61	0.10	0.29	45	22.7
CV812-007	1637	69	0.10	0.46	43	22.2
CV812-008	1859	64	0.10	0.17	45	23.3
CV812-009	1944	25	0.14	0.61	42	23.3
CV812-010	1549	41	0.22	0.18	35	23.7
CV812-011	823	30	0.08	0.61	15	29.5
CV812-012	21	12	<0.01	<0.01	<5	>30.0
CV812-013	1923	46	0.14	<0.01	37	25.1
CV812-014	4537	62	0.09	0.50	43	22.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV812-015	4133	65	0.09	0.32	43	21.6
CV812-016	3721	64	0.09	0.20	45	22.4
CV812-017	5860	65	0.10	0.12	45	22.0
CV812-018	774	15	0.14	0.03	<5	>30.0
CV812-019	4799	66	0.08	0.60	42	21.6
CV812-020	3414	72	0.09	0.19	45	23.5
CV812-021	3219	69	0.09	0.61	44	23.8
CV812-022	4713	78	0.03	1.04	38	20.8
CV812-023	4453	73	0.03	2.77	36	21.5
CV812-024	2400	26	0.03	0.63	10	>30.0
CV812-025	3337	57	0.10	0.65	46	23.2
CV812-026	6391	59	0.09	0.52	35	23.2
CV812-027	4388	69	0.09	1.78	46	20.3
CV812-028	7545	105	0.09	5.43	38	15.9
CV812-029	5153	38	0.10	0.38	41	21.1
CV812-030	5538	43	0.10	0.38	40	21.4
CV812-031	1971	44	0.08	2.24	19	25.4
CV812-032	1233	47	0.04	1.44	12	29.3
CV812-033	3918	81	0.04	0.16	42	22.4
CV812-034	2811	550	0.03	0.09	32	23.1
CV812-035	2101	47	0.05	0.12	45	23.4
*Rep CV812-006	1676	59	0.10	0.28	45	23.0
*Std AMIS0341	1647	24	0.28	0.02	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 553	1548	26	0.05	0.27	7	26.4
*Std OREAS 750	386	16	0.07	0.06	<5	>30.0
*Std OREAS 753	718	14	0.11	<0.01	<5	>30.0
*Std AMIS0341	1693	28	0.28	0.02	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std OREAS 550	1173	18	0.03	0.21	6	23.3

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-001	134	0.79	359	139	<1	<5
CV812-002	119	0.78	292	103	<1	20
CV812-003	149	0.84	314	105	<1	22
CV812-004	87	0.94	389	120	<1	37
CV812-005	90	0.90	371	122	<1	44
CV812-006	114	1.00	392	129	<1	5
CV812-007	143	0.98	375	155	<1	24
CV812-008	121	1.00	391	149	<1	17
CV812-009	126	1.39	374	212	<1	10
CV812-010	128	1.30	284	138	<1	65
CV812-011	70	0.46	92	153	<1	13
CV812-012	<10	0.01	5	<5	<1	<5
CV812-013	178	1.32	338	142	<1	176
CV812-014	166	1.11	368	126	<1	55
CV812-015	157	1.07	365	134	<1	49
CV812-016	145	1.15	384	136	<1	42
CV812-017	118	1.11	387	137	<1	85
CV812-018	40	0.02	<5	101	<1	12
CV812-019	85	1.09	399	130	<1	29
CV812-020	91	1.19	429	141	<1	42
CV812-021	114	1.20	427	120	<1	31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-022	134	0.48	247	94	<1	83
CV812-023	123	0.48	237	91	<1	42
CV812-024	23	0.26	99	41	<1	<5
CV812-025	109	1.15	398	130	<1	24
CV812-026	80	0.89	310	123	<1	14
CV812-027	97	1.15	408	155	<1	9
CV812-028	160	0.99	348	123	<1	<5
CV812-029	134	1.32	443	145	<1	<5
CV812-030	132	1.31	442	145	<1	<5
CV812-031	81	0.49	150	294	<1	24
CV812-032	96	0.29	83	138	<1	9
CV812-033	135	0.59	288	108	<1	15
CV812-034	65	0.35	200	114	<1	557
CV812-035	85	0.77	350	129	<1	6
*Rep CV812-006	114	1.01	394	136	<1	5
*Std AMIS0341	65	0.01	5	117	<1	23
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 553	56	0.20	73	51	<1	8
*Std OREAS 750	73	0.16	27	65	<1	13
*Std OREAS 753	30	<0.01	<5	82	<1	<5
*Std AMIS0341	68	0.01	5	110	<1	20
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 550	57	0.18	56	43	<1	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-001	<0.1	<0.2	14.6	51.4	0.4	5.64
CV812-002	<0.1	<0.2	19.1	38.8	4.7	5.09
CV812-003	<0.1	<0.2	16.0	42.9	0.7	5.13
CV812-004	0.1	<0.2	16.1	51.5	2.7	6.03
CV812-005	<0.1	<0.2	15.2	49.5	3.1	5.73
CV812-006	<0.1	<0.2	17.2	51.4	1.6	6.38
CV812-007	<0.1	<0.2	21.0	54.0	9.8	6.36
CV812-008	<0.1	0.2	17.4	50.9	3.8	6.36
CV812-009	<0.1	0.3	31.7	48.3	12.6	10.26
CV812-010	<0.1	<0.2	34.8	37.9	12.8	6.73
CV812-011	0.1	0.3	55.7	16.4	34.4	5.90
CV812-012	<0.1	<0.2	4.0	1.1	0.2	0.38
CV812-013	0.1	<0.2	30.2	45.1	7.8	7.78
CV812-014	0.1	<0.2	21.6	51.0	5.3	7.73
CV812-015	0.1	0.2	20.9	50.9	8.7	7.32
CV812-016	<0.1	<0.2	21.4	49.5	3.3	7.44
CV812-017	<0.1	0.2	22.4	44.2	2.4	8.14
CV812-018	2.7	1.8	3.6	1.3	67.0	0.36
CV812-019	<0.1	<0.2	21.1	51.1	2.6	6.84
CV812-020	<0.1	<0.2	32.8	55.1	3.1	7.34
CV812-021	0.3	0.2	20.8	50.8	59.0	6.97
CV812-022	0.3	<0.2	9.8	43.1	63.5	2.92
CV812-023	0.5	<0.2	12.1	39.7	40.9	3.11
CV812-024	31.8	<0.2	5.4	13.7	3.9	1.92
CV812-025	0.2	<0.2	22.3	52.6	5.5	7.59
CV812-026	0.1	<0.2	17.6	47.1	3.7	6.38
CV812-027	0.6	0.5	22.7	51.7	15.1	7.99
CV812-028	4.9	0.6	18.9	83.6	4.5	7.34
CV812-029	<0.1	<0.2	24.3	46.5	0.9	8.22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-030	<0.1	<0.2	25.2	46.8	0.9	8.27
CV812-031	0.2	0.7	28.9	26.4	16.3	4.28
CV812-032	0.3	0.3	35.8	18.4	16.0	2.96
CV812-033	<0.1	<0.2	12.1	46.3	14.4	4.38
CV812-034	0.5	0.2	6.0	84.0	16.4	2.60
CV812-035	<0.1	<0.2	13.9	48.7	5.7	5.18
*Rep CV812-006	<0.1	<0.2	17.4	50.1	1.5	6.33
*Std AMIS0341	23.2	<0.2	1.1	3.5	491	0.29
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 553	2.5	<0.2	52.8	6163	0.7	3.63
*Std OREAS 750	1.0	0.7	32.3	4.2	22.8	2.68
*Std OREAS 753	2.5	1.8	0.8	1.2	64.2	0.16
*Std AMIS0341	24.9	<0.2	1.1	3.7	495	0.29
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 550	1.5	<0.2	38.7	1553	0.6	3.40

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-001	3.54	1.24	19	4.62	2	3
CV812-002	3.25	1.24	17	4.73	2	3
CV812-003	3.46	1.30	18	4.53	2	3
CV812-004	3.80	1.46	20	5.23	3	3
CV812-005	3.63	1.45	21	5.28	2	3
CV812-006	3.94	1.45	22	5.94	3	3
CV812-007	3.80	1.69	22	5.72	2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-008	3.99	1.48	21	5.98	2	4
CV812-009	6.39	2.12	23	9.53	2	5
CV812-010	3.90	1.93	22	6.90	2	4
CV812-011	3.43	1.45	19	6.04	2	5
CV812-012	0.22	0.05	<1	0.31	1	1
CV812-013	4.48	2.03	22	7.71	2	5
CV812-014	4.86	1.44	21	7.00	2	4
CV812-015	4.58	1.55	21	6.62	2	4
CV812-016	4.67	1.60	21	6.87	2	4
CV812-017	4.89	1.63	21	7.32	2	4
CV812-018	0.14	<0.05	18	0.38	6	2
CV812-019	4.29	1.35	21	6.32	2	3
CV812-020	4.49	1.72	22	7.09	2	4
CV812-021	4.33	1.63	21	6.57	5	4
CV812-022	1.91	0.81	17	2.64	2	1
CV812-023	2.10	0.97	16	2.86	2	1
CV812-024	1.32	0.36	6	1.62	3	<1
CV812-025	4.78	1.69	22	7.06	2	4
CV812-026	4.13	1.29	18	5.76	2	3
CV812-027	4.86	1.68	23	7.27	7	4
CV812-028	5.01	1.36	22	5.96	9	3
CV812-029	5.07	1.80	22	7.41	2	4
CV812-030	5.22	1.72	22	7.75	2	4
CV812-031	2.60	1.06	16	4.35	2	3
CV812-032	1.85	0.86	15	3.24	1	3
CV812-033	2.68	0.90	19	3.95	2	2
CV812-034	1.59	0.61	12	2.43	4	1
CV812-035	3.28	1.08	21	4.73	2	3
*Rep CV812-006	3.78	1.43	21	5.81	3	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0341	0.13	<0.05	46	0.31	9	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 553	1.96	0.91	9	4.47	1	3
*Std OREAS 750	1.37	0.58	14	3.20	3	4
*Std OREAS 753	0.05	<0.05	16	0.13	6	1
*Std AMIS0341	0.12	<0.05	43	0.29	9	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 550	1.80	0.82	7	3.99	1	3

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-001	1.15	<0.2	5.5	0.51	<2	3
CV812-002	1.03	<0.2	8.0	0.42	<2	4
CV812-003	1.05	<0.2	6.6	0.48	<2	3
CV812-004	1.20	<0.2	6.2	0.50	<2	3
CV812-005	1.21	<0.2	5.9	0.50	<2	3
CV812-006	1.31	<0.2	6.8	0.57	<2	4
CV812-007	1.33	<0.2	8.8	0.58	<2	5
CV812-008	1.32	<0.2	7.0	0.58	<2	4
CV812-009	2.13	<0.2	13.1	0.92	<2	8
CV812-010	1.37	<0.2	14.8	0.55	<2	8
CV812-011	1.16	<0.2	26.2	0.50	3	9
CV812-012	0.07	<0.2	2.2	<0.05	<2	<1
CV812-013	1.55	<0.2	12.5	0.65	<2	8
CV812-014	1.65	<0.2	8.8	0.70	<2	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-015	1.55	<0.2	8.4	0.67	<2	5
CV812-016	1.56	<0.2	8.6	0.66	<2	5
CV812-017	1.67	<0.2	9.1	0.73	<2	6
CV812-018	<0.05	<0.2	1.9	<0.05	3	52
CV812-019	1.44	<0.2	8.7	0.63	<2	5
CV812-020	1.51	<0.2	11.8	0.67	<2	5
CV812-021	1.45	<0.2	8.3	0.61	<2	5
CV812-022	0.63	<0.2	4.3	0.28	<2	2
CV812-023	0.67	<0.2	5.2	0.29	<2	2
CV812-024	0.42	<0.2	2.3	0.22	2	1
CV812-025	1.57	<0.2	8.9	0.67	<2	5
CV812-026	1.36	<0.2	7.1	0.63	<2	4
CV812-027	1.65	<0.2	9.1	0.72	<2	6
CV812-028	1.61	<0.2	8.1	0.82	<2	5
CV812-029	1.69	<0.2	9.9	0.76	<2	6
CV812-030	1.75	<0.2	10.2	0.77	<2	6
CV812-031	0.88	<0.2	13.4	0.39	<2	5
CV812-032	0.63	<0.2	17.9	0.27	2	5
CV812-033	0.92	<0.2	5.0	0.41	<2	3
CV812-034	0.55	<0.2	2.3	0.22	<2	1
CV812-035	1.11	<0.2	5.5	0.47	<2	4
*Rep CV812-006	1.30	<0.2	7.0	0.57	<2	4
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	4	123
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 553	0.68	0.2	31.3	0.25	3	9
*Std OREAS 750	0.49	<0.2	16.1	0.17	2	21
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	36
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	120
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 550	0.63	<0.2	21.4	0.23	2	8

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-001	11.1	<5	2.18	1.7	0.9	3.4
CV812-002	12.8	<5	2.68	22.5	0.7	3.7
CV812-003	11.5	<5	2.27	2.8	0.4	3.5
CV812-004	12.6	<5	2.45	11.9	0.6	3.8
CV812-005	11.8	<5	2.32	15.4	0.6	3.8
CV812-006	13.1	<5	2.67	7.0	1.1	4.3
CV812-007	14.6	<5	3.03	27.1	0.5	4.3
CV812-008	13.3	<5	2.72	8.5	0.3	4.1
CV812-009	22.7	<5	4.65	40.7	0.3	7.0
CV812-010	22.1	<5	4.86	26.0	0.3	5.8
CV812-011	27.6	8	6.89	94.6	0.1	5.8
CV812-012	1.6	<5	0.46	2.3	0.2	0.4
CV812-013	21.4	<5	4.46	14.1	0.4	6.3
CV812-014	16.1	<5	3.26	14.4	0.5	4.9
CV812-015	15.2	<5	3.08	22.1	0.4	4.8
CV812-016	15.7	<5	3.27	15.4	0.5	5.0
CV812-017	16.3	<5	3.37	6.2	0.6	5.2
CV812-018	1.5	17	0.42	670	0.7	0.4
CV812-019	15.2	<5	3.14	16.7	0.5	4.5
CV812-020	22.8	<5	4.94	19.9	0.4	5.7
CV812-021	15.6	<5	3.08	82.9	0.4	4.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number CV25-812
Project Corvette
Submission Number Batch CDM-004
Number of Samples 35

ANALYSIS REPORT BBM25-48446

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-022	6.6	<5	1.43	84.2	0.4	1.9
CV812-023	7.7	<5	1.70	65.9	0.3	2.2
CV812-024	3.6	<5	0.75	6.7	0.1	1.1
CV812-025	16.4	<5	3.30	23.4	0.3	5.1
CV812-026	12.9	<5	2.62	6.4	0.4	4.0
CV812-027	16.6	<5	3.35	27.2	0.4	5.3
CV812-028	13.8	<5	2.78	12.9	0.3	4.1
CV812-029	17.5	<5	3.64	3.3	0.6	5.5
CV812-030	17.8	<5	3.74	3.4	0.6	5.6
CV812-031	15.2	6	3.64	61.6	0.4	3.7
CV812-032	16.2	6	4.15	113	0.2	3.2
CV812-033	8.8	<5	1.76	19.6	0.3	2.7
CV812-034	4.8	<5	0.95	20.3	1.3	1.7
CV812-035	10.4	<5	2.13	17.0	0.3	3.4
*Rep CV812-006	13.1	<5	2.60	7.0	1.1	4.1
*Std AMIS0341	0.6	13	0.13	4110	12.3	0.2
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std OREAS 553	23.3	14	6.39	24.3	0.4	4.5
*Std OREAS 750	15.1	16	3.98	247	0.4	3.5
*Std OREAS 753	0.3	12	0.09	637	0.2	0.2
*Std AMIS0341	0.6	13	0.12	3954	11.0	0.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 550	19.3	15	4.91	21.0	0.3	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-001	<1	<0.5	0.76	0.8	<0.5	0.51
CV812-002	1	<0.5	0.74	1.1	<0.5	0.44
CV812-003	<1	<0.5	0.73	0.6	<0.5	0.47
CV812-004	1	<0.5	0.83	0.7	<0.5	0.53
CV812-005	1	<0.5	0.82	0.7	<0.5	0.52
CV812-006	1	<0.5	0.90	0.8	<0.5	0.56
CV812-007	1	<0.5	0.92	1.2	<0.5	0.57
CV812-008	1	<0.5	0.90	0.8	<0.5	0.56
CV812-009	2	<0.5	1.53	1.5	<0.5	0.92
CV812-010	1	<0.5	1.05	1.6	<0.5	0.57
CV812-011	2	0.7	0.88	4.1	<0.5	0.49
CV812-012	<1	<0.5	<0.05	1.0	<0.5	<0.05
CV812-013	2	<0.5	1.15	2.0	<0.5	0.65
CV812-014	1	<0.5	1.08	1.1	<0.5	0.71
CV812-015	1	<0.5	1.04	1.2	<0.5	0.67
CV812-016	1	<0.5	1.08	1.1	<0.5	0.67
CV812-017	1	<0.5	1.15	1.4	<0.5	0.73
CV812-018	239	40.2	0.07	1.0	4.0	<0.05
CV812-019	2	<0.5	1.00	1.1	<0.5	0.64
CV812-020	1	<0.5	1.09	3.1	<0.5	0.64
CV812-021	33	<0.5	1.01	1.1	0.8	0.62
CV812-022	1	<0.5	0.44	0.5	0.7	0.28
CV812-023	<1	<0.5	0.47	0.6	<0.5	0.28
CV812-024	13	<0.5	0.27	0.3	<0.5	0.21
CV812-025	1	<0.5	1.11	1.2	<0.5	0.69
CV812-026	1	<0.5	0.93	1.0	<0.5	0.60
CV812-027	125	<0.5	1.17	1.2	<0.5	0.72
CV812-028	116	<0.5	0.98	1.0	<0.5	0.77
CV812-029	2	<0.5	1.21	1.2	<0.5	0.73

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV812-030	1	<0.5	1.19	1.2	<0.5	0.78
CV812-031	2	<0.5	0.65	3.2	<0.5	0.39
CV812-032	1	<0.5	0.44	4.0	0.6	0.27
CV812-033	<1	<0.5	0.63	0.6	<0.5	0.41
CV812-034	10	<0.5	0.37	0.3	<0.5	0.23
CV812-035	1	<0.5	0.78	0.7	<0.5	0.49
*Rep CV812-006	1	<0.5	0.91	0.8	<0.5	0.56
*Std AMIS0341	86	763	<0.05	5.4	40.8	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 553	2	0.6	0.61	5.9	<0.5	0.27
*Std OREAS 750	44	9.6	0.44	6.9	1.6	0.19
*Std OREAS 753	133	20.1	<0.05	0.3	3.9	<0.05
*Std AMIS0341	78	733	<0.05	5.6	41.1	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 550	1	0.5	0.55	5.4	<0.5	0.24

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV812-001	0.22	<1	34.0	3.5	94.1	-
CV812-002	0.32	1	29.6	3.0	124	<5
CV812-003	0.20	<1	30.5	3.3	111	<5
CV812-004	0.20	1	36.2	3.7	123	<5
CV812-005	0.19	1	32.9	3.5	111	-
CV812-006	0.22	2	36.0	3.9	125	-
CV812-007	0.34	5	35.0	3.9	133	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV812-008	0.22	<1	35.3	3.8	123	-
CV812-009	0.40	1	58.3	6.2	176	6
CV812-010	0.45	5	36.7	3.8	148	<5
CV812-011	1.07	4	33.7	3.4	185	<5
CV812-012	0.33	<1	2.1	0.3	30.2	-
CV812-013	0.47	6	42.5	4.4	166	<5
CV812-014	0.32	2	44.1	4.8	127	<5
CV812-015	0.31	2	42.4	4.6	123	6
CV812-016	0.30	2	43.0	4.7	131	<5
CV812-017	0.33	<1	46.4	4.9	126	5
CV812-018	8.47	5	1.9	0.2	27.4	-
CV812-019	0.31	7	38.3	4.3	107	7
CV812-020	0.31	5	40.6	4.4	114	-
CV812-021	0.28	3	39.7	4.2	120	15
CV812-022	0.19	1	17.9	1.9	41.6	-
CV812-023	0.27	1	18.4	1.9	43.3	12
CV812-024	0.08	<1	11.8	1.3	27.5	456
CV812-025	0.31	1	42.8	4.6	131	-
CV812-026	0.24	<1	36.9	4.2	95.6	8
CV812-027	0.33	3	46.9	4.8	134	-
CV812-028	0.28	2	46.1	5.3	112	100
CV812-029	0.34	<1	47.1	5.0	131	-
CV812-030	0.34	1	47.8	5.2	131	-
CV812-031	0.96	2	25.2	2.6	112	11
CV812-032	1.05	2	17.5	1.9	119	9
CV812-033	0.16	1	25.5	2.8	62.6	-
CV812-034	0.07	73	14.9	1.5	34.6	15
CV812-035	0.19	1	30.5	3.3	80.2	-
*Blk BLANK	-	-	-	-	-	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-812
Project	Corvette
Submission Number	Batch CDM-004
Number of Samples	35

ANALYSIS REPORT BBM25-48446

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std SL107	-	-	-	-	-	4950
*Std SN117	-	-	-	-	-	8690
*Std OREAS L14	-	-	-	-	-	3280
*Blk BLANK	-	-	-	-	-	<5
*Rep CV812-006	0.21	2	36.2	3.8	120	-
*Std AMIS0341	13.85	5	1.9	0.1	21.1	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 553	28.45	1	19.3	1.9	101	-
*Std OREAS 750	4.58	9	13.8	1.2	104	-
*Std OREAS 753	6.23	6	0.8	<0.1	12.2	-
*Std AMIS0341	13.43	5	2.0	0.1	24.5	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.6	-
*Std OREAS 550	24.64	<1	18.5	1.6	103	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48447

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-815	Date Received	22 Mar 2025
Project	Corvette	Date Analysed	25 Mar 2025 - 11 Apr 2025
Submission Number	Batch CDM-005	Date Completed	14 Apr 2025
Number of Samples	24	SGS Order Number	BBM25-48447

Methods Summary

Number of Sample	Method Code	Description
24	G_WGH_KG	Weight of samples received
24	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
24	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
11	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV815-001	3.61	3.58	<10	<10	<5	4.8
CV815-002	3.62	6.74	55	125	<5	5.6
CV815-003	3.70	5.84	88	63	<5	6.2
CV815-004	3.24	5.89	88	360	<5	0.9
CV815-005	-	5.89	72	371	<5	0.8
CV815-006	3.14	6.84	42	327	<5	1.4
CV815-007	3.38	4.64	38	343	<5	0.7
CV815-008	1.21	7.04	26	47	<5	6.7
CV815-009	2.17	7.79	150	202	<5	3.5
CV815-010	3.81	7.91	275	591	<5	3.3
CV815-011	3.63	8.11	212	404	<5	4.2
CV815-012	0.50	0.19	<10	14	<5	<0.1
CV815-013	3.45	8.68	28	287	<5	4.2
CV815-014	3.54	8.36	68	603	<5	2.1
CV815-015	3.43	6.61	27	298	<5	2.1
CV815-016	1.17	7.53	24	266	<5	1.8
CV815-017	3.40	6.87	125	455	<5	1.2
CV815-018	0.02	8.06	25	406	103	0.8
CV815-019	3.45	8.20	143	569	<5	2.3
CV815-020	3.43	7.18	63	379	<5	2.0
CV815-021	1.13	7.45	132	452	<5	2.4
CV815-022	1.11	7.69	349	493	<5	1.6
CV815-023	1.18	5.14	46	184	<5	10.5
CV815-024	3.57	6.98	102	385	<5	2.3
*Rep CV815-003	-	5.79	96	64	<5	6.2
*Std OREAS 554	-	4.11	179	1230	<5	4.0
*Std AMIS0355	-	7.79	15	35	164	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 149	-	7.58	30	2785	28	1.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV815-001	2615	26	6.21	<0.1	13	13.91
CV815-002	747	91	8.91	0.7	40	5.02
CV815-003	819	134	12.88	0.6	30	3.87
CV815-004	201	22	2.16	1.7	26	0.45
CV815-005	201	23	2.04	1.7	24	0.44
CV815-006	197	29	2.78	1.4	29	0.47
CV815-007	241	44	6.15	1.6	19	0.32
CV815-008	501	<10	8.78	0.4	88	4.54
CV815-009	725	24	9.26	1.2	119	5.69
CV815-010	418	64	10.94	2.8	73	1.92
CV815-011	220	47	8.25	1.8	55	1.91
CV815-012	336	<10	0.31	0.1	<10	0.02
CV815-013	252	88	8.04	0.9	32	2.08
CV815-014	287	51	5.28	2.0	57	1.53
CV815-015	259	40	2.44	1.5	26	0.82
CV815-016	186	21	2.16	1.0	20	0.58
CV815-017	253	17	2.48	1.8	24	0.77
CV815-018	37	33	1.66	2.4	4602	0.30
CV815-019	245	47	4.46	2.3	31	1.18
CV815-020	237	36	4.12	1.8	24	1.00
CV815-021	351	48	4.72	2.0	31	1.08
CV815-022	264	46	4.46	1.8	30	1.02
CV815-023	235	41	3.33	1.4	24	0.91
CV815-024	318	55	5.13	1.9	33	1.13
*Rep CV815-003	822	138	12.82	0.6	30	3.83
*Std OREAS 554	66	>10000	1.75	1.7	37	3.15
*Std AMIS0355	282	326	1.24	1.3	7416	0.87
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std OREAS 149	105	327	4.21	1.4	10068	0.55

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV815-001	1220	1046	0.01	0.03	22	22.8
CV815-002	1930	271	0.03	0.62	34	25.2
CV815-003	2086	280	0.02	3.30	32	22.5
CV815-004	251	35	0.02	0.27	6	>30.0
CV815-005	248	30	0.02	0.22	6	>30.0
CV815-006	415	27	0.03	0.18	6	>30.0
CV815-007	228	44	<0.01	3.16	<5	>30.0
CV815-008	1347	224	0.07	0.04	20	19.6
CV815-009	1738	295	0.10	0.20	29	22.2
CV815-010	2958	117	0.09	0.59	27	25.3
CV815-011	1336	76	0.11	0.46	30	26.7
CV815-012	25	13	<0.01	<0.01	<5	>30.0
CV815-013	1147	54	0.14	0.13	35	26.6
CV815-014	668	75	0.07	0.46	16	29.9
CV815-015	360	32	0.04	0.15	7	>30.0
CV815-016	407	26	0.03	0.15	6	>30.0
CV815-017	363	46	0.04	0.09	12	>30.0
CV815-018	658	16	0.12	0.06	<5	>30.0
CV815-019	552	67	0.05	0.89	18	>30.0
CV815-020	535	57	0.05	0.85	15	>30.0
CV815-021	621	67	0.04	0.96	17	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV815-022	595	87	0.05	0.80	20	>30.0
CV815-023	1525	49	0.04	0.84	14	25.6
CV815-024	631	68	0.06	1.13	18	>30.0
*Rep CV815-003	2058	275	0.03	3.28	32	22.4
*Std OREAS 554	1096	40	0.03	0.79	8	28.4
*Std AMIS0355	1002	151	0.04	0.03	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 149	448	37	0.11	0.03	7	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-001	29	0.13	107	68	<1	1043
CV815-002	82	0.51	237	105	<1	220
CV815-003	77	0.46	229	99	<1	141
CV815-004	100	0.19	45	46	<1	<5
CV815-005	97	0.19	44	43	<1	<5
CV815-006	187	0.23	49	45	<1	<5
CV815-007	58	0.17	37	24	<1	<5
CV815-008	144	0.42	131	118	<1	159
CV815-009	75	0.55	193	84	<1	47
CV815-010	48	0.51	182	139	<1	<5
CV815-011	196	0.62	215	118	<1	17
CV815-012	<10	0.01	<5	<5	<1	<5
CV815-013	301	0.78	248	120	<1	<5
CV815-014	192	0.38	122	86	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-015	183	0.20	52	52	<1	8
CV815-016	368	0.19	44	53	<1	5
CV815-017	139	0.28	78	57	<1	19
CV815-018	77	0.14	25	92	<1	9
CV815-019	204	0.43	141	118	<1	16
CV815-020	187	0.36	112	106	<1	5
CV815-021	188	0.40	135	115	<1	18
CV815-022	170	0.44	144	99	<1	80
CV815-023	348	0.30	98	80	<1	11
CV815-024	169	0.40	131	122	<1	15
*Rep CV815-003	77	0.47	225	98	<1	142
*Std OREAS 554	68	0.21	112	53	<1	61
*Std AMIS0355	52	0.04	16	87	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 149	217	0.36	73	348	2	154

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-001	0.1	<0.2	6.0	75.5	0.4	1.33
CV815-002	<0.1	0.2	13.3	56.8	1.6	4.15
CV815-003	<0.1	0.3	8.3	73.4	1.3	3.01
CV815-004	0.1	<0.2	46.8	9.8	1.9	2.15
CV815-005	0.1	<0.2	44.6	9.1	1.9	2.22
CV815-006	0.1	<0.2	51.2	8.8	2.0	1.92
CV815-007	0.4	<0.2	47.3	13.3	1.1	2.12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-008	<0.1	<0.2	48.4	44.1	2.8	3.54
CV815-009	<0.1	<0.2	36.1	58.4	8.3	3.17
CV815-010	<0.1	0.2	41.1	43.0	4.4	3.72
CV815-011	<0.1	<0.2	48.8	40.6	2.8	4.31
CV815-012	<0.1	<0.2	4.3	0.6	0.2	0.50
CV815-013	<0.1	<0.2	57.9	29.0	1.8	4.81
CV815-014	0.3	<0.2	44.9	23.4	3.8	3.26
CV815-015	<0.1	<0.2	32.0	10.7	2.6	1.88
CV815-016	<0.1	<0.2	30.2	9.2	1.6	1.46
CV815-017	<0.1	<0.2	49.9	13.2	2.1	3.48
CV815-018	1.9	1.2	32.6	3.5	51.2	2.50
CV815-019	0.2	<0.2	37.0	25.0	2.6	4.16
CV815-020	0.1	<0.2	48.9	22.0	2.2	4.00
CV815-021	0.2	<0.2	36.4	26.9	2.9	4.09
CV815-022	0.1	<0.2	47.4	32.7	2.3	4.97
CV815-023	<0.1	0.5	42.4	18.7	3.0	5.21
CV815-024	0.2	0.2	42.1	27.3	3.7	4.78
*Rep CV815-003	<0.1	0.2	8.6	74.0	1.4	2.92
*Std OREAS 554	2.9	0.2	65.0	8022	2.4	3.68
*Std AMIS0355	1.0	0.3	5.3	47.4	266	0.92
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 149	51.4	1.2	445	8.6	377	5.20

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-001	0.89	0.27	7	1.21	2	<1
CV815-002	2.61	0.82	17	3.58	2	2
CV815-003	1.80	0.75	15	2.73	2	1
CV815-004	1.27	0.61	14	2.53	1	3
CV815-005	1.29	0.67	14	2.36	1	3
CV815-006	1.09	0.63	16	2.32	1	5
CV815-007	1.23	0.52	12	2.39	1	5
CV815-008	2.06	1.04	16	3.89	1	4
CV815-009	1.92	1.25	17	3.79	1	3
CV815-010	2.13	1.15	18	3.97	1	3
CV815-011	2.64	1.50	20	4.91	1	3
CV815-012	0.35	0.06	<1	0.41	1	1
CV815-013	2.78	1.77	21	5.48	2	4
CV815-014	1.93	1.14	22	3.52	2	4
CV815-015	0.97	0.74	15	2.28	1	2
CV815-016	0.82	0.64	18	1.92	<1	2
CV815-017	2.03	0.89	16	3.83	1	4
CV815-018	1.23	0.59	19	2.90	5	4
CV815-019	2.44	1.42	19	4.31	1	3
CV815-020	2.29	1.30	18	4.43	2	3
CV815-021	2.46	1.43	18	4.33	1	3
CV815-022	2.90	1.28	18	5.27	2	3
CV815-023	3.00	3.85	14	5.37	2	2
CV815-024	2.80	1.53	17	5.01	2	3
*Rep CV815-003	1.85	0.76	15	2.52	2	1
*Std OREAS 554	2.08	0.89	12	4.35	1	2
*Std AMIS0355	0.22	0.08	71	1.22	7	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 149	1.90	4.58	50	10.29	7	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-001	0.28	<0.2	2.7	0.13	<2	<1
CV815-002	0.86	<0.2	5.6	0.39	<2	3
CV815-003	0.62	<0.2	3.3	0.25	<2	2
CV815-004	0.43	<0.2	24.9	0.19	<2	3
CV815-005	0.44	<0.2	23.6	0.19	<2	3
CV815-006	0.36	<0.2	27.5	0.17	<2	3
CV815-007	0.42	<0.2	25.5	0.20	<2	3
CV815-008	0.69	<0.2	23.2	0.33	<2	4
CV815-009	0.64	<0.2	15.3	0.27	<2	5
CV815-010	0.75	<0.2	18.8	0.31	<2	4
CV815-011	0.88	<0.2	22.3	0.38	<2	6
CV815-012	0.11	<0.2	2.3	<0.05	<2	<1
CV815-013	0.94	<0.2	25.3	0.40	<2	7
CV815-014	0.63	<0.2	22.5	0.27	<2	5
CV815-015	0.38	<0.2	16.5	0.15	<2	2
CV815-016	0.28	<0.2	15.6	0.12	<2	1
CV815-017	0.72	<0.2	24.9	0.31	<2	5
CV815-018	0.46	<0.2	16.2	0.14	3	38
CV815-019	0.89	<0.2	18.2	0.42	<2	4
CV815-020	0.80	<0.2	26.0	0.31	<2	3
CV815-021	0.84	<0.2	18.0	0.33	3	4
CV815-022	0.97	<0.2	23.3	0.39	2	4
CV815-023	1.04	<0.2	20.5	0.35	<2	4
CV815-024	0.92	<0.2	21.3	0.36	<2	3
*Rep CV815-003	0.62	<0.2	3.5	0.25	<2	2
*Std OREAS 554	0.75	<0.2	36.1	0.29	3	7
*Std AMIS0355	0.09	<0.2	3.0	<0.05	<2	48
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 149	0.79	12.0	288	0.19	12	6705

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-001	3.5	<5	0.80	0.7	3.5	1.0
CV815-002	8.9	<5	1.86	22.2	1.0	2.7
CV815-003	6.5	<5	1.25	22.5	1.9	1.9
CV815-004	18.0	10	5.17	47.3	0.3	3.1
CV815-005	17.6	10	4.97	48.5	0.3	2.9
CV815-006	18.8	9	5.53	40.2	0.3	2.8
CV815-007	17.4	10	5.06	40.3	0.2	2.8
CV815-008	23.2	<5	5.99	15.2	1.1	4.4
CV815-009	20.0	<5	4.86	50.1	0.6	3.9
CV815-010	21.0	6	5.12	123	0.5	4.2
CV815-011	27.1	6	6.44	71.5	0.4	5.2
CV815-012	1.9	<5	0.50	2.0	0.2	0.4
CV815-013	31.7	<5	7.68	31.5	0.4	6.0
CV815-014	20.9	14	5.40	79.5	0.2	4.2
CV815-015	14.4	7	3.73	62.1	0.4	2.5
CV815-016	13.5	7	3.65	29.3	0.3	2.4
CV815-017	22.5	9	5.89	57.3	0.3	4.0
CV815-018	15.2	21	3.87	516	0.5	3.2
CV815-019	19.7	10	4.76	75.7	0.4	4.3
CV815-020	22.6	10	6.02	62.3	0.5	4.4
CV815-021	18.5	9	4.67	81.3	0.4	4.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-022	24.3	9	5.87	56.6	0.4	4.9
CV815-023	22.2	5	5.44	60.8	0.4	4.9
CV815-024	22.3	8	5.45	76.7	0.5	4.8
*Rep CV815-003	6.6	<5	1.29	22.6	0.6	2.1
*Std OREAS 554	28.8	20	7.80	85.6	2.1	5.0
*Std AMIS0355	2.2	8	0.62	3877	0.3	1.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 149	161	39	53.02	898	28.3	20.5

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-001	1	<0.5	0.19	2.2	<0.5	0.12
CV815-002	2	<0.5	0.59	2.1	<0.5	0.36
CV815-003	1	<0.5	0.47	0.4	<0.5	0.27
CV815-004	1	0.5	0.35	5.0	<0.5	0.18
CV815-005	1	<0.5	0.37	5.8	<0.5	0.19
CV815-006	1	<0.5	0.32	6.2	<0.5	0.16
CV815-007	2	<0.5	0.35	9.1	<0.5	0.18
CV815-008	1	<0.5	0.57	5.9	<0.5	0.32
CV815-009	2	<0.5	0.52	2.0	<0.5	0.25
CV815-010	2	<0.5	0.61	3.3	0.5	0.31
CV815-011	2	<0.5	0.72	2.8	<0.5	0.40
CV815-012	1	<0.5	0.07	0.9	<0.5	0.05
CV815-013	2	<0.5	0.82	2.7	<0.5	0.39
CV815-014	2	<0.5	0.54	6.0	<0.5	0.27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV815-015	1	<0.5	0.33	2.8	<0.5	0.15
CV815-016	1	<0.5	0.27	2.4	<0.5	0.11
CV815-017	2	<0.5	0.57	5.0	<0.5	0.29
CV815-018	156	26.9	0.44	5.3	3.0	0.17
CV815-019	2	<0.5	0.67	3.3	0.5	0.40
CV815-020	1	<0.5	0.62	3.8	<0.5	0.33
CV815-021	2	<0.5	0.65	3.1	<0.5	0.33
CV815-022	2	<0.5	0.80	3.5	<0.5	0.40
CV815-023	1	<0.5	0.86	2.5	<0.5	0.38
CV815-024	1	<0.5	0.76	3.3	<0.5	0.39
*Rep CV815-003	1	<0.5	0.44	0.4	<0.5	0.25
*Std OREAS 554	3	<0.5	0.62	8.6	0.5	0.31
*Std AMIS0355	471	204	0.26	3.7	29.3	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 149	3464	28.7	1.16	120	7.8	0.24

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV815-001	0.21	<1	7.4	0.8	27.5	-
CV815-002	0.26	7	22.3	2.3	86.9	-
CV815-003	0.12	<1	17.0	1.7	52.6	13
CV815-004	1.39	3	11.8	1.3	111	-
CV815-005	1.37	3	12.1	1.3	107	-
CV815-006	1.87	1	10.0	1.1	178	-
CV815-007	3.12	3	11.4	1.3	167	22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV815-008	0.97	<1	19.2	2.2	145	<5
CV815-009	0.40	4	16.5	1.8	104	-
CV815-010	0.63	1	19.6	2.1	117	<5
CV815-011	0.67	<1	23.5	2.5	132	-
CV815-012	0.32	<1	3.0	0.4	37.9	-
CV815-013	0.56	<1	25.5	2.6	152	<5
CV815-014	1.95	1	17.1	1.8	135	-
CV815-015	0.83	<1	9.7	1.0	90.4	<5
CV815-016	0.83	7	7.6	0.8	84.5	<5
CV815-017	1.41	2	19.2	1.9	134	-
CV815-018	7.33	6	12.1	1.1	104	-
CV815-019	0.92	5	21.6	2.2	115	11
CV815-020	0.80	2	20.8	2.2	101	-
CV815-021	0.92	2	22.3	2.3	116	8
CV815-022	1.03	2	25.9	2.7	124	8
CV815-023	1.02	6	29.0	2.6	83.9	16
CV815-024	0.87	2	24.7	2.5	113	-
*Rep CV815-003	0.13	<1	16.6	1.7	52.1	-
*Std OREAS 554	15.48	2	19.7	2.0	83.7	-
*Std AMIS0355	5.97	2	4.7	0.2	25.1	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 149	26.34	15	19.0	1.6	177	-
*Std OREAS 250c	-	-	-	-	-	312
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L12	-	-	-	-	-	627
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-815
Project	Corvette
Submission Number	Batch CDM-005
Number of Samples	24

ANALYSIS REPORT BBM25-48447

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48448

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-816	Date Received	22 Mar 2025
Project	Corvette	Date Analysed	25 Mar 2025 - 11 Apr 2025
Submission Number	Batch CDM-006	Date Completed	14 Apr 2025
Number of Samples	51	SGS Order Number	BBM25-48448

Methods Summary

Number of Sample	Method Code	Description
51	G_WGH_KG	Weight of samples received
51	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
51	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
35	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Marked Cu and/or V NR for samples CV816-013, CV816-014, CV816-015, CV816-016, CV816-017, CV816-028, CV816-035, CV816-042, CV816-044, and CV816-045 due to Fe interference in scheme GE_ICP91A50.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV816-001	3.84	5.43	95	24	<5	5.2
CV816-002	2.20	6.64	569	231	<5	1.4
CV816-003	3.52	6.09	56	349	<5	1.9
CV816-004	3.39	6.59	26	292	<5	1.5
CV816-005	-	6.61	26	299	<5	1.5
CV816-006	3.96	4.99	73	260	<5	2.2
CV816-007	3.60	7.75	31	503	<5	3.7
CV816-008	3.98	5.98	183	19	<5	5.9
CV816-009	1.18	4.88	100	120	<5	3.5
CV816-010	3.49	5.77	216	558	<5	0.8
CV816-011	3.23	3.46	79	244	<5	1.2
CV816-012	0.51	0.23	<10	18	<5	<0.1
CV816-013	3.02	0.66	<10	65	<5	1.3
CV816-014	3.05	0.74	<10	116	<5	0.9
CV816-015	4.98	0.52	<10	125	<5	1.2
CV816-016	5.81	0.56	<10	193	<5	0.8
CV816-017	5.70	0.62	<10	217	<5	1.3
CV816-018	0.02	8.31	17	16	116	0.2
CV816-019	5.13	0.70	<10	274	<5	1.2
CV816-020	2.76	1.20	12	104	<5	1.6
CV816-021	3.26	6.05	473	1034	<5	1.7
CV816-022	3.18	4.58	287	648	<5	1.5
CV816-023	2.55	6.56	66	1341	<5	2.0
CV816-024	3.34	6.41	43	404	<5	4.9
CV816-025	3.09	0.93	13	41	<5	1.5
CV816-026	3.76	0.78	<10	67	<5	1.8
CV816-027	2.94	1.10	101	24	<5	0.7
CV816-028	1.42	3.05	29	350	<5	0.5
CV816-029	2.14	1.88	<10	44	<5	2.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV816-030	-	1.40	<10	27	<5	2.0
CV816-031	1.80	10.48	484	744	<5	1.6
CV816-032	4.60	4.16	18	235	<5	0.2
CV816-033	4.19	3.42	230	206	<5	1.0
CV816-034	4.58	0.83	<10	34	<5	1.5
CV816-035	4.67	0.44	<10	96	<5	0.8
CV816-036	4.46	0.56	<10	99	<5	1.0
CV816-037	0.51	0.20	<10	44	<5	<0.1
CV816-038	1.52	4.60	33	514	<5	1.2
CV816-039	3.86	6.15	46	870	<5	2.7
CV816-040	3.43	6.38	43	746	<5	2.3
CV816-041	3.64	7.49	68	618	<5	4.1
CV816-042	5.42	0.96	<10	50	<5	1.8
CV816-043	0.03	8.35	24	57	158	0.2
CV816-044	4.14	0.40	<10	15	<5	1.1
CV816-045	4.08	0.54	<10	79	<5	1.7
CV816-046	3.75	0.75	<10	72	<5	3.4
CV816-047	4.96	4.90	84	394	<5	5.4
CV816-048	4.17	8.00	23	721	<5	3.7
CV816-049	1.33	6.41	155	92	<5	5.6
CV816-050	3.92	6.65	396	53	<5	6.0
CV816-051	3.75	6.88	35	317	<5	5.5
*Dup CV816-036	-	0.52	<10	90	<5	1.0
*Rep CV816-009	-	4.94	106	118	<5	3.6
*Std OREAS 554	-	4.11	179	1230	<5	4.0
*Std AMIS0355	-	7.79	15	35	164	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 149	-	7.58	30	2785	28	1.1
*Rep CV816-040	-	6.40	41	743	<5	2.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Std OREAS 750	-	5.37	13	420	39	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.37	443	152	212	0.6

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV816-001	1578	104	9.24	0.4	40	9.77
CV816-002	229	70	2.09	0.6	23	0.64
CV816-003	241	32	3.30	1.3	43	0.88
CV816-004	245	14	2.11	0.9	29	0.53
CV816-005	260	17	2.18	1.0	30	0.55
CV816-006	269	37	10.92	1.5	29	0.87
CV816-007	415	61	6.21	2.0	41	1.78
CV816-008	292	32	17.62	0.3	13	2.75
CV816-009	331	17	9.44	0.7	23	1.78
CV816-010	314	23	8.87	2.0	42	0.82
CV816-011	294	16	11.02	1.2	19	0.36
CV816-012	436	<10	0.45	0.1	<10	0.02
CV816-013	117	NR	>25.00	0.2	<10	1.58
CV816-014	111	NR	>25.00	0.2	<10	1.46
CV816-015	113	NR	>25.00	0.2	<10	1.21
CV816-016	100	NR	>25.00	0.2	<10	1.37
CV816-017	69	NR	>25.00	0.2	<10	1.41
CV816-018	25	17	0.86	2.0	9922	0.01
CV816-019	140	<10	22.56	0.2	<10	1.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV816-020	163	16	20.98	0.3	14	0.92
CV816-021	157	32	11.07	2.0	98	1.22
CV816-022	198	<10	7.04	1.4	64	0.84
CV816-023	178	59	5.36	2.6	51	0.75
CV816-024	199	36	13.48	1.1	37	2.10
CV816-025	212	14	24.77	0.2	<10	1.16
CV816-026	226	14	24.23	0.2	<10	1.32
CV816-027	266	48	19.81	0.4	<10	1.47
CV816-028	221	63	>25.00	1.4	29	0.62
CV816-029	265	53	22.15	0.5	13	1.17
CV816-030	367	51	20.32	0.4	10	1.06
CV816-031	497	21	5.40	3.3	83	1.79
CV816-032	310	26	10.38	1.7	16	0.22
CV816-033	361	19	9.67	0.8	21	0.55
CV816-034	236	19	22.85	0.2	<10	1.37
CV816-035	210	47	>25.00	0.2	<10	1.17
CV816-036	221	18	24.56	0.2	<10	1.26
CV816-037	423	<10	0.47	0.1	<10	0.02
CV816-038	219	44	20.84	1.9	51	0.72
CV816-039	279	116	6.45	2.8	24	0.48
CV816-040	203	47	3.89	2.5	26	0.45
CV816-041	281	15	7.77	2.2	40	2.19
CV816-042	175	35	>25.00	0.2	<10	1.04
CV816-043	28	36	0.91	2.1	6938	0.05
CV816-044	110	23	>25.00	<0.1	<10	1.84
CV816-045	125	<10	>25.00	0.1	<10	1.49
CV816-046	211	42	22.56	0.1	<10	0.83
CV816-047	264	53	11.38	1.3	53	1.40
CV816-048	229	36	5.11	1.1	50	1.80

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV816-049	167	114	12.20	0.4	23	2.64
CV816-050	143	47	12.69	0.4	36	2.91
CV816-051	143	53	10.77	0.5	34	2.09
*Dup CV816-036	221	17	24.50	0.2	<10	1.25
*Rep CV816-009	342	16	9.60	0.7	24	1.81
*Std OREAS 554	66	>10000	1.75	1.7	37	3.15
*Std AMIS0355	282	326	1.24	1.3	7416	0.87
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 149	105	327	4.21	1.4	10068	0.55
*Rep CV816-040	205	45	3.90	2.5	25	0.45
*Std OREAS 750	32	19	1.74	1.8	2322	0.31
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	438	51	0.95	2.8	4764	0.21

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV816-001	1867	505	0.02	<0.01	32	22.8
CV816-002	326	31	0.02	0.05	6	>30.0
CV816-003	666	44	0.04	0.17	10	>30.0
CV816-004	334	22	0.02	0.05	5	>30.0
CV816-005	345	23	0.03	0.05	5	>30.0
CV816-006	1013	46	0.05	4.65	9	>30.0
CV816-007	2488	109	0.10	<0.01	20	28.2
CV816-008	8415	79	0.09	0.08	17	22.6
CV816-009	4544	67	0.09	0.03	12	29.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV816-010	887	61	0.04	2.87	13	29.0
CV816-011	949	36	0.02	3.39	7	28.6
CV816-012	26	11	<0.01	<0.01	<5	>30.0
CV816-013	503	13	0.17	1.28	<5	22.0
CV816-014	405	14	0.13	1.15	<5	21.0
CV816-015	375	11	0.08	1.21	<5	23.0
CV816-016	386	13	0.12	0.68	<5	25.1
CV816-017	427	12	0.13	0.97	<5	22.5
CV816-018	747	18	0.11	<0.01	<5	>30.0
CV816-019	671	14	0.06	1.15	<5	23.5
CV816-020	432	17	0.11	3.49	<5	22.4
CV816-021	552	33	0.07	0.16	14	27.0
CV816-022	457	21	0.05	0.02	8	>30.0
CV816-023	942	20	0.08	0.52	13	29.0
CV816-024	4835	41	0.05	0.96	13	25.2
CV816-025	856	28	0.19	2.49	<5	27.8
CV816-026	595	17	0.15	2.73	<5	26.6
CV816-027	623	28	0.12	8.28	<5	28.4
CV816-028	151	56	0.09	>10.00	7	20.5
CV816-029	395	35	0.10	9.65	<5	26.6
CV816-030	446	66	0.09	8.91	<5	28.0
CV816-031	746	156	0.08	0.08	26	27.5
CV816-032	1613	43	<0.01	4.47	8	>30.0
CV816-033	889	29	0.02	3.22	6	>30.0
CV816-034	548	20	0.12	3.68	<5	26.8
CV816-035	380	31	0.12	8.62	<5	22.5
CV816-036	341	14	0.12	2.87	<5	28.7
CV816-037	25	11	<0.01	<0.01	<5	>30.0
CV816-038	491	37	0.04	8.76	9	24.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV816-039	806	61	0.04	2.94	8	29.9
CV816-040	780	13	0.03	0.81	9	>30.0
CV816-041	2243	62	0.06	0.43	19	28.4
CV816-042	462	17	0.13	2.77	<5	25.5
CV816-043	803	15	0.14	0.03	<5	>30.0
CV816-044	411	9	0.16	2.31	<5	24.4
CV816-045	383	10	0.16	0.77	<5	26.3
CV816-046	607	15	0.12	3.20	<5	26.9
CV816-047	934	40	0.10	2.73	14	28.0
CV816-048	823	47	0.07	0.02	16	29.5
CV816-049	1981	41	0.13	0.76	43	25.7
CV816-050	2532	43	0.17	0.26	42	24.7
CV816-051	2126	28	0.19	0.29	34	26.3
*Dup CV816-036	341	19	0.12	3.07	<5	28.2
*Rep CV816-009	4654	69	0.09	0.03	12	26.7
*Std OREAS 554	1096	40	0.03	0.79	8	28.4
*Std AMIS0355	1002	151	0.04	0.03	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 149	448	37	0.11	0.03	7	>30.0
*Rep CV816-040	792	14	0.03	0.80	9	>30.0
*Std OREAS 750	386	18	0.07	0.07	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1684	26	0.28	0.02	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-001	185	0.47	232	92	<1	214
CV816-002	258	0.18	45	35	<1	60
CV816-003	129	0.24	66	57	<1	<5
CV816-004	214	0.17	39	37	<1	<5
CV816-005	213	0.18	41	39	<1	<5
CV816-006	79	0.22	62	55	<1	14
CV816-007	187	0.45	128	99	<1	79
CV816-008	86	0.37	104	81	<1	62
CV816-009	76	0.27	78	54	<1	31
CV816-010	62	0.26	84	76	<1	25
CV816-011	55	0.17	47	44	<1	20
CV816-012	<10	0.02	<5	<5	<1	<5
CV816-013	46	0.02	NR	22	<1	<5
CV816-014	52	0.03	NR	9	<1	129
CV816-015	75	0.02	NR	6	<1	71
CV816-016	44	0.02	NR	<5	<1	43
CV816-017	65	0.02	NR	8	<1	143
CV816-018	30	<0.01	<5	86	<1	5
CV816-019	53	0.02	11	7	<1	114
CV816-020	33	0.04	18	56	<1	89
CV816-021	53	0.37	62	758	<1	33
CV816-022	47	0.25	38	293	<1	22
CV816-023	94	0.36	35	637	<1	34
CV816-024	104	0.31	88	77	<1	41
CV816-025	36	0.04	15	111	<1	102
CV816-026	62	0.02	10	132	<1	36
CV816-027	34	0.04	21	156	<1	212
CV816-028	52	0.12	NR	97	<1	620
CV816-029	180	0.03	32	122	<1	844

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-030	110	0.05	30	102	<1	1079
CV816-031	180	0.46	168	102	<1	333
CV816-032	28	0.19	54	60	<1	9
CV816-033	92	0.14	38	47	<1	<5
CV816-034	74	0.03	14	46	<1	118
CV816-035	36	0.02	NR	11	<1	333
CV816-036	43	0.02	9	89	<1	27
CV816-037	<10	0.01	<5	<5	<1	<5
CV816-038	87	0.21	49	193	<1	28
CV816-039	120	0.25	39	1625	<1	20
CV816-040	106	0.20	12	361	<1	<5
CV816-041	182	0.42	124	106	<1	27
CV816-042	73	0.04	NR	22	<1	9
CV816-043	40	0.02	<5	97	<1	13
CV816-044	46	0.02	NR	13	<1	167
CV816-045	77	0.02	NR	15	<1	56
CV816-046	130	0.03	11	51	<1	124
CV816-047	137	0.28	84	97	<1	96
CV816-048	167	0.38	111	77	<1	<5
CV816-049	145	1.12	392	143	<1	23
CV816-050	104	1.32	353	171	<1	12
CV816-051	131	1.24	213	129	<1	<5
*Dup CV816-036	42	0.02	10	94	<1	27
*Rep CV816-009	76	0.27	78	53	<1	36
*Std OREAS 554	68	0.21	112	53	<1	61
*Std AMIS0355	52	0.04	16	87	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 149	217	0.36	73	348	2	154
*Rep CV816-040	105	0.20	10	368	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 750	72	0.15	26	60	<1	13
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	64	0.01	<5	113	<1	23

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-001	0.3	<0.2	7.7	80.3	1.5	2.95
CV816-002	<0.1	<0.2	27.5	10.9	1.5	1.44
CV816-003	0.1	<0.2	42.6	13.6	2.1	3.27
CV816-004	<0.1	<0.2	30.5	7.8	8.2	1.51
CV816-005	<0.1	<0.2	36.1	8.0	8.0	1.57
CV816-006	0.3	<0.2	23.1	15.7	11.5	2.11
CV816-007	<0.1	<0.2	39.1	22.5	11.8	3.59
CV816-008	0.1	<0.2	33.9	24.2	1.3	3.35
CV816-009	<0.1	<0.2	22.2	17.3	2.4	2.25
CV816-010	0.1	<0.2	25.5	17.3	4.2	2.30
CV816-011	0.1	<0.2	18.3	10.4	2.1	1.52
CV816-012	<0.1	<0.2	5.0	1.3	0.3	0.41
CV816-013	<0.1	<0.2	11.2	3.4	5.4	1.56
CV816-014	0.3	<0.2	13.7	2.7	9.4	1.74
CV816-015	<0.1	<0.2	9.5	2.0	4.8	1.31
CV816-016	<0.1	<0.2	14.6	1.9	6.9	1.65
CV816-017	0.1	<0.2	13.7	2.1	6.1	1.60
CV816-018	2.3	1.6	1.0	0.9	61.4	0.18
CV816-019	0.2	<0.2	9.9	2.0	7.6	0.98

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-020	0.3	<0.2	12.3	4.6	15.5	1.57
CV816-021	0.2	2.2	22.5	18.8	17.3	5.03
CV816-022	<0.1	0.7	18.1	9.9	9.5	3.62
CV816-023	0.2	1.4	57.6	12.7	6.6	10.65
CV816-024	<0.1	<0.2	31.3	18.0	6.6	2.91
CV816-025	<0.1	0.3	17.8	5.4	7.0	1.76
CV816-026	<0.1	0.4	14.1	4.4	6.9	1.55
CV816-027	0.2	0.4	16.1	10.5	6.9	2.07
CV816-028	0.9	0.3	23.3	19.4	8.5	1.64
CV816-029	0.2	0.5	13.0	15.8	3.8	2.77
CV816-030	0.2	0.3	10.9	17.5	3.0	2.59
CV816-031	<0.1	<0.2	49.7	41.4	10.1	3.12
CV816-032	0.1	<0.2	18.5	14.9	2.8	1.49
CV816-033	0.1	<0.2	14.0	9.1	3.7	1.08
CV816-034	0.2	<0.2	16.1	6.6	9.4	1.60
CV816-035	0.3	<0.2	13.7	7.6	24.7	1.20
CV816-036	0.2	<0.2	11.2	3.2	16.4	1.26
CV816-037	<0.1	0.2	4.4	1.2	0.5	0.45
CV816-038	1.1	0.5	39.9	17.5	17.3	3.77
CV816-039	0.9	3.9	59.6	19.7	6.0	5.13
CV816-040	0.2	0.8	85.8	5.8	4.1	13.49
CV816-041	<0.1	<0.2	38.2	27.4	9.7	4.44
CV816-042	0.2	<0.2	15.3	3.7	7.2	1.50
CV816-043	2.6	1.6	3.5	1.3	71.6	0.41
CV816-044	0.2	<0.2	18.1	3.1	2.1	2.03
CV816-045	0.1	<0.2	17.6	2.1	3.5	1.87
CV816-046	0.2	<0.2	12.5	4.6	7.8	1.45
CV816-047	0.2	0.2	44.2	17.1	24.2	3.87
CV816-048	<0.1	<0.2	33.5	22.0	48.0	2.90

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-049	0.1	<0.2	20.3	57.6	26.0	7.02
CV816-050	0.1	0.2	25.7	44.5	57.5	8.06
CV816-051	<0.1	<0.2	37.6	32.8	23.5	9.38
*Dup CV816-036	0.2	<0.2	11.4	3.4	14.6	1.39
*Rep CV816-009	<0.1	<0.2	22.2	19.0	2.4	2.37
*Std OREAS 554	2.9	0.2	65.0	8022	2.4	3.68
*Std AMIS0355	1.0	0.3	5.3	47.4	266	0.92
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 149	51.4	1.2	445	8.6	377	5.20
*Rep CV816-040	0.2	0.7	81.4	5.9	3.9	12.59
*Std OREAS 750	1.0	0.5	34.2	3.9	23.6	2.70
*Blk BLANK	<0.1	<0.2	0.2	<0.5	0.2	<0.05
*Std AMIS0341	25.1	<0.2	0.9	3.8	505	0.29

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-001	1.64	0.66	14	2.75	2	1
CV816-002	0.85	0.54	15	1.61	1	3
CV816-003	1.97	0.91	14	3.10	1	3
CV816-004	0.93	0.59	15	1.70	1	3
CV816-005	0.88	0.65	15	1.80	<1	3
CV816-006	1.34	0.80	12	2.28	2	2
CV816-007	2.07	1.16	18	3.94	1	4
CV816-008	2.01	1.13	16	3.58	3	3
CV816-009	1.32	0.70	11	2.36	2	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-010	1.34	0.72	14	2.60	2	2
CV816-011	0.97	0.62	9	1.66	3	2
CV816-012	0.27	0.06	<1	0.43	1	1
CV816-013	1.10	0.95	2	1.43	6	<1
CV816-014	1.13	0.99	2	1.76	5	<1
CV816-015	0.88	0.83	1	1.40	4	<1
CV816-016	1.04	1.04	2	1.74	6	<1
CV816-017	1.12	1.02	2	1.61	6	<1
CV816-018	<0.05	<0.05	16	0.15	6	1
CV816-019	0.62	0.68	2	1.07	4	<1
CV816-020	1.14	0.68	4	1.54	4	<1
CV816-021	3.21	0.75	17	4.25	3	6
CV816-022	2.45	0.60	13	3.14	2	5
CV816-023	6.64	1.59	20	9.59	3	8
CV816-024	1.79	0.93	15	2.96	3	3
CV816-025	1.11	1.04	3	2.06	5	<1
CV816-026	1.07	1.15	2	1.72	6	<1
CV816-027	1.45	1.26	3	1.91	2	<1
CV816-028	1.07	0.98	7	1.78	1	2
CV816-029	1.58	1.49	6	2.86	3	<1
CV816-030	1.62	1.37	4	3.04	3	1
CV816-031	1.95	1.38	24	3.74	3	4
CV816-032	0.89	0.49	10	1.59	2	2
CV816-033	0.67	0.46	8	1.25	3	1
CV816-034	1.11	1.11	3	1.78	4	<1
CV816-035	0.83	0.89	1	1.38	6	<1
CV816-036	0.87	0.83	2	1.34	6	<1
CV816-037	0.29	0.16	<1	0.40	1	1
CV816-038	2.24	1.11	13	3.87	2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-039	3.17	1.12	19	4.98	3	5
CV816-040	8.31	1.90	21	12.18	2	11
CV816-041	2.71	1.11	18	4.61	2	4
CV816-042	1.05	1.00	4	1.52	5	<1
CV816-043	0.14	0.06	18	0.39	7	2
CV816-044	1.39	1.47	3	2.23	4	<1
CV816-045	1.27	1.38	2	1.94	6	<1
CV816-046	1.03	0.81	3	1.46	6	<1
CV816-047	2.22	1.70	13	4.72	2	3
CV816-048	1.74	0.99	18	3.19	1	3
CV816-049	4.41	1.63	21	6.08	2	3
CV816-050	5.03	1.91	23	7.31	2	4
CV816-051	5.75	2.13	23	8.37	2	5
*Dup CV816-036	0.93	0.88	2	1.31	5	<1
*Rep CV816-009	1.40	0.74	11	2.38	2	2
*Std OREAS 554	2.08	0.89	12	4.35	1	2
*Std AMIS0355	0.22	0.08	71	1.22	7	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 149	1.90	4.58	50	10.29	7	6
*Rep CV816-040	8.13	1.85	22	11.64	2	10
*Std OREAS 750	1.33	0.65	13	3.18	3	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.13	<0.05	45	0.25	9	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-001	0.60	<0.2	3.0	0.22	<2	1
CV816-002	0.27	<0.2	15.7	0.12	<2	2
CV816-003	0.65	<0.2	22.2	0.29	<2	5
CV816-004	0.29	<0.2	16.9	0.13	<2	2
CV816-005	0.30	<0.2	20.4	0.13	<2	2
CV816-006	0.43	<0.2	12.4	0.19	<2	2
CV816-007	0.73	<0.2	19.6	0.29	<2	6
CV816-008	0.67	<0.2	17.0	0.29	<2	5
CV816-009	0.44	<0.2	11.1	0.20	<2	3
CV816-010	0.44	<0.2	13.5	0.20	<2	3
CV816-011	0.31	<0.2	9.7	0.13	<2	2
CV816-012	0.09	<0.2	3.0	0.05	<2	<1
CV816-013	0.35	<0.2	6.3	0.15	<2	<1
CV816-014	0.36	<0.2	7.9	0.17	<2	<1
CV816-015	0.29	<0.2	5.7	0.12	<2	<1
CV816-016	0.35	<0.2	8.2	0.16	<2	<1
CV816-017	0.35	<0.2	8.4	0.16	<2	<1
CV816-018	<0.05	<0.2	0.6	<0.05	3	36
CV816-019	0.21	<0.2	5.8	0.09	<2	<1
CV816-020	0.34	<0.2	7.0	0.16	<2	<1
CV816-021	1.07	0.3	10.3	0.54	2	8
CV816-022	0.80	<0.2	9.4	0.41	2	7
CV816-023	2.14	0.3	30.2	0.99	<2	12
CV816-024	0.56	<0.2	16.1	0.26	<2	3
CV816-025	0.36	<0.2	9.7	0.16	<2	<1
CV816-026	0.35	<0.2	7.9	0.15	<2	<1
CV816-027	0.46	<0.2	8.2	0.23	<2	<1
CV816-028	0.33	<0.2	11.5	0.17	3	1
CV816-029	0.52	<0.2	6.3	0.20	10	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number CV25-816
Project Corvette
Submission Number Batch CDM-006
Number of Samples 51

ANALYSIS REPORT BBM25-48448

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-030	0.56	<0.2	5.2	0.22	8	15
CV816-031	0.64	<0.2	24.3	0.29	<2	5
CV816-032	0.30	<0.2	9.5	0.12	<2	1
CV816-033	0.20	<0.2	7.0	0.09	<2	<1
CV816-034	0.36	<0.2	8.6	0.17	<2	<1
CV816-035	0.26	<0.2	8.0	0.13	<2	<1
CV816-036	0.29	<0.2	6.2	0.14	<2	<1
CV816-037	0.15	<0.2	2.5	0.11	<2	<1
CV816-038	0.75	<0.2	19.4	0.34	3	5
CV816-039	1.03	0.7	29.0	0.48	4	7
CV816-040	2.73	0.2	38.1	1.27	<2	15
CV816-041	0.91	<0.2	18.4	0.42	<2	5
CV816-042	0.32	<0.2	8.2	0.14	<2	<1
CV816-043	0.06	<0.2	2.1	<0.05	3	52
CV816-044	0.45	<0.2	9.6	0.19	<2	<1
CV816-045	0.40	<0.2	9.0	0.19	<2	<1
CV816-046	0.32	<0.2	7.0	0.16	<2	<1
CV816-047	0.75	<0.2	19.3	0.32	7	12
CV816-048	0.59	<0.2	16.7	0.25	<2	4
CV816-049	1.44	<0.2	8.2	0.64	<2	2
CV816-050	1.65	<0.2	10.8	0.71	<2	5
CV816-051	1.89	<0.2	16.3	0.84	<2	6
*Dup CV816-036	0.30	<0.2	6.2	0.14	<2	<1
*Rep CV816-009	0.47	<0.2	11.3	0.19	<2	3
*Std OREAS 554	0.75	<0.2	36.1	0.29	3	7
*Std AMIS0355	0.09	<0.2	3.0	<0.05	<2	48
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 149	0.79	12.0	288	0.19	12	6705
*Rep CV816-040	2.59	<0.2	36.1	1.25	<2	15

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 750	0.48	<0.2	17.2	0.18	<2	18
*Blk BLANK	<0.05	<0.2	0.2	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	124

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-001	6.5	<5	1.24	10.6	1.4	2.1
CV816-002	11.4	9	3.11	17.7	0.2	1.9
CV816-003	19.3	8	5.11	43.8	0.2	3.6
CV816-004	12.2	9	3.51	36.2	0.2	2.1
CV816-005	13.9	9	4.01	36.3	0.1	2.2
CV816-006	11.9	9	2.83	57.8	0.2	2.5
CV816-007	21.0	5	5.10	101	0.2	4.3
CV816-008	17.6	<5	4.32	3.8	0.8	3.7
CV816-009	11.5	<5	2.91	30.8	0.5	2.3
CV816-010	12.8	9	3.30	92.9	0.3	2.5
CV816-011	8.9	5	2.29	46.9	0.3	1.7
CV816-012	2.4	<5	0.65	3.3	0.2	0.5
CV816-013	6.3	<5	1.48	9.2	0.6	1.3
CV816-014	7.6	<5	1.76	16.7	0.6	1.5
CV816-015	5.1	<5	1.21	8.5	0.5	1.1
CV816-016	7.5	<5	1.85	14.7	0.8	1.5
CV816-017	7.1	<5	1.74	13.3	1.1	1.4
CV816-018	0.4	12	0.10	644	0.2	0.2
CV816-019	4.8	<5	1.22	13.4	0.7	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-020	6.6	<5	1.62	24.2	0.4	1.3
CV816-021	13.8	5	3.30	123	0.8	3.7
CV816-022	10.5	6	2.51	74.5	0.4	2.8
CV816-023	36.1	20	8.43	132	0.4	8.5
CV816-024	14.4	6	3.53	56.2	1.3	2.9
CV816-025	8.8	<5	2.07	9.1	0.8	1.7
CV816-026	6.9	<5	1.57	8.9	1.0	1.2
CV816-027	7.9	<5	1.88	18.5	0.5	1.6
CV816-028	10.9	11	2.71	71.5	1.3	2.0
CV816-029	8.7	<5	1.73	28.1	1.3	2.7
CV816-030	7.9	<5	1.55	21.8	1.2	2.6
CV816-031	23.0	14	5.69	185	2.9	4.4
CV816-032	8.1	<5	2.05	65.0	0.4	1.7
CV816-033	6.6	5	1.56	37.1	0.5	1.3
CV816-034	7.5	<5	1.82	8.2	1.0	1.5
CV816-035	6.5	<5	1.58	15.6	1.1	1.2
CV816-036	5.4	<5	1.28	16.2	0.8	1.1
CV816-037	2.1	<5	0.60	2.3	0.4	0.5
CV816-038	19.3	22	4.63	107	0.8	4.0
CV816-039	27.2	65	6.66	131	0.7	5.6
CV816-040	46.6	19	10.67	117	0.3	11.4
CV816-041	19.8	8	4.58	113	0.4	4.3
CV816-042	7.5	<5	1.78	9.3	0.6	1.4
CV816-043	1.8	18	0.42	679	0.7	0.4
CV816-044	9.4	<5	2.13	1.2	1.0	1.9
CV816-045	8.4	<5	1.90	2.6	0.6	1.6
CV816-046	6.1	<5	1.47	3.9	0.4	1.2
CV816-047	25.9	10	5.64	62.5	0.3	5.5
CV816-048	15.6	<5	3.85	41.6	0.1	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-049	15.0	<5	2.91	11.6	0.4	4.6
CV816-050	18.8	<5	3.62	12.2	0.3	5.4
CV816-051	23.5	<5	4.95	14.7	0.3	6.6
*Dup CV816-036	5.6	<5	1.34	14.9	0.8	1.2
*Rep CV816-009	12.2	<5	2.98	29.9	0.5	2.3
*Std OREAS 554	28.8	20	7.80	85.6	2.1	5.0
*Std AMIS0355	2.2	8	0.62	3877	0.3	1.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 149	161	39	53.02	898	28.3	20.5
*Rep CV816-040	44.3	19	10.24	117	0.3	10.4
*Std OREAS 750	16.5	16	4.05	251	0.3	3.4
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std AMIS0341	0.6	14	0.12	4133	12.0	0.2

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-001	1	<0.5	0.44	1.2	<0.5	0.23
CV816-002	1	<0.5	0.23	2.7	<0.5	0.12
CV816-003	2	<0.5	0.54	4.2	<0.5	0.29
CV816-004	2	<0.5	0.24	3.3	<0.5	0.12
CV816-005	1	<0.5	0.27	3.6	<0.5	0.12
CV816-006	2	<0.5	0.34	2.2	<0.5	0.19
CV816-007	2	<0.5	0.59	2.7	<0.5	0.30
CV816-008	2	<0.5	0.57	2.2	<0.5	0.29
CV816-009	2	<0.5	0.34	1.5	<0.5	0.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-010	1	<0.5	0.37	2.5	<0.5	0.19
CV816-011	1	<0.5	0.24	1.8	<0.5	0.13
CV816-012	1	<0.5	0.06	0.8	<0.5	<0.05
CV816-013	1	<0.5	0.21	1.9	<0.5	0.14
CV816-014	<1	<0.5	0.25	1.5	<0.5	0.18
CV816-015	1	<0.5	0.19	0.7	<0.5	0.13
CV816-016	2	<0.5	0.25	0.9	<0.5	0.15
CV816-017	2	<0.5	0.23	0.6	<0.5	0.17
CV816-018	138	19.1	<0.05	0.2	3.9	<0.05
CV816-019	2	<0.5	0.14	0.8	<0.5	0.09
CV816-020	1	<0.5	0.22	1.5	<0.5	0.15
CV816-021	4	<0.5	0.75	4.2	0.7	0.49
CV816-022	3	<0.5	0.56	6.4	<0.5	0.39
CV816-023	7	0.7	1.65	4.2	0.7	0.98
CV816-024	1	<0.5	0.45	7.0	<0.5	0.24
CV816-025	<1	<0.5	0.28	2.7	<0.5	0.15
CV816-026	<1	<0.5	0.23	1.7	<0.5	0.15
CV816-027	<1	<0.5	0.29	2.0	<0.5	0.21
CV816-028	<1	<0.5	0.24	4.0	0.6	0.15
CV816-029	<1	<0.5	0.44	4.8	<0.5	0.22
CV816-030	<1	<0.5	0.42	5.5	<0.5	0.23
CV816-031	1	<0.5	0.52	6.8	1.0	0.28
CV816-032	<1	<0.5	0.24	2.2	<0.5	0.12
CV816-033	<1	<0.5	0.18	1.5	<0.5	0.09
CV816-034	<1	<0.5	0.24	1.3	<0.5	0.16
CV816-035	<1	<0.5	0.19	0.7	<0.5	0.11
CV816-036	<1	<0.5	0.20	0.8	<0.5	0.12
CV816-037	<1	<0.5	0.15	1.2	<0.5	0.12
CV816-038	2	<0.5	0.58	4.5	0.7	0.33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number CV25-816
Project Corvette
Submission Number Batch CDM-006
Number of Samples 51

ANALYSIS REPORT BBM25-48448

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV816-039	7	<0.5	0.78	8.3	0.7	0.49
CV816-040	5	1.0	1.92	6.2	0.6	1.24
CV816-041	1	<0.5	0.66	3.3	0.6	0.41
CV816-042	<1	<0.5	0.21	1.3	<0.5	0.13
CV816-043	241	40.6	0.07	0.9	4.2	<0.05
CV816-044	<1	<0.5	0.32	0.6	<0.5	0.20
CV816-045	<1	<0.5	0.27	0.7	<0.5	0.18
CV816-046	<1	<0.5	0.20	1.1	<0.5	0.14
CV816-047	<1	<0.5	0.62	5.2	<0.5	0.31
CV816-048	<1	<0.5	0.45	3.0	<0.5	0.25
CV816-049	1	<0.5	0.99	1.1	<0.5	0.65
CV816-050	1	<0.5	1.16	1.6	<0.5	0.75
CV816-051	1	<0.5	1.36	2.2	<0.5	0.83
*Dup CV816-036	<1	<0.5	0.19	0.7	<0.5	0.13
*Rep CV816-009	<1	<0.5	0.37	1.6	<0.5	0.20
*Std OREAS 554	3	<0.5	0.62	8.6	0.5	0.31
*Std AMIS0355	471	204	0.26	3.7	29.3	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 149	3464	28.7	1.16	120	7.8	0.24
*Rep CV816-040	5	0.9	1.84	5.9	0.6	1.19
*Std OREAS 750	42	9.2	0.45	6.9	1.5	0.18
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	85	715	0.06	5.0	41.8	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV816-001	0.10	<1	15.2	1.6	47.6	-
CV816-002	1.49	1	7.7	0.9	95.6	<5
CV816-003	1.30	2	17.7	2.0	119	-
CV816-004	0.97	6	8.1	0.9	106	-
CV816-005	0.98	<1	7.9	0.8	104	-
CV816-006	0.50	2	11.8	1.2	79.6	43
CV816-007	0.59	5	18.6	2.0	147	-
CV816-008	0.52	3	18.9	1.9	124	-
CV816-009	0.40	<1	12.6	1.3	93.4	<5
CV816-010	0.66	3	12.5	1.2	92.1	28
CV816-011	0.40	<1	8.4	0.9	64.0	18
CV816-012	0.43	<1	2.2	0.3	35.9	-
CV816-013	0.31	<1	11.6	1.0	14.7	<5
CV816-014	0.31	2	12.3	1.1	13.8	69
CV816-015	0.15	<1	9.9	0.8	8.2	15
CV816-016	0.21	<1	11.3	0.9	10.9	10
CV816-017	0.25	1	12.1	1.0	10.7	18
CV816-018	6.40	6	0.8	<0.1	12.0	-
CV816-019	0.31	<1	6.5	0.7	9.9	14
CV816-020	0.56	<1	10.7	1.0	18.6	79
CV816-021	1.18	5	25.3	3.5	206	14
CV816-022	1.62	3	20.5	2.7	187	<5
CV816-023	1.09	3	55.7	6.7	298	9
CV816-024	0.77	1	16.0	1.7	131	6
CV816-025	0.27	<1	12.2	1.1	16.8	12
CV816-026	0.44	<1	12.4	0.9	13.8	7
CV816-027	0.30	<1	13.8	1.4	20.9	18
CV816-028	0.86	<1	9.8	1.0	63.9	312
CV816-029	0.85	<1	16.5	1.4	53.0	156

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV816-030	1.11	<1	16.8	1.4	87.2	-
CV816-031	1.74	8	17.0	1.9	150	<5
CV816-032	0.46	<1	8.7	0.8	76.6	16
CV816-033	0.27	1	6.0	0.7	52.4	8
CV816-034	0.26	2	11.6	1.0	15.4	36
CV816-035	0.13	<1	9.4	0.8	9.2	48
CV816-036	0.15	<1	9.9	0.9	10.4	<5
CV816-037	0.44	<1	2.2	0.3	43.3	-
CV816-038	1.11	5	20.6	2.2	140	21
CV816-039	2.26	1	29.3	3.3	185	-
CV816-040	1.45	<1	71.8	8.4	390	-
CV816-041	0.70	2	24.6	2.8	149	-
CV816-042	0.32	1	11.0	1.0	17.7	42
CV816-043	8.37	5	1.8	0.1	30.7	-
CV816-044	0.12	<1	14.3	1.2	9.3	9
CV816-045	0.15	<1	12.9	1.2	11.9	7
CV816-046	0.30	<1	11.2	1.0	15.4	15
CV816-047	0.88	5	22.0	2.2	127	<5
CV816-048	0.70	<1	15.8	1.6	141	<5
CV816-049	0.25	<1	38.8	4.3	132	7
CV816-050	0.39	1	43.4	4.9	148	-
CV816-051	0.55	<1	50.9	5.5	182	-
*Dup CV816-036	0.14	2	10.1	0.9	9.6	5
*Rep CV816-002	-	-	-	-	-	<5
*Std OREAS 250c	-	-	-	-	-	312
*Blk BLANK	-	-	-	-	-	<5
*Rep CV816-027	-	-	-	-	-	12
*Std OREAS L12	-	-	-	-	-	627
*Blk BLANK	-	-	-	-	-	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-816
Project	Corvette
Submission Number	Batch CDM-006
Number of Samples	51

ANALYSIS REPORT BBM25-48448

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Rep CV816-009	0.40	<1	13.0	1.2	90.8	-
*Std OREAS 554	15.48	2	19.7	2.0	83.7	-
*Std AMIS0355	5.97	2	4.7	0.2	25.1	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 149	26.34	15	19.0	1.6	177	-
*Rep CV816-040	1.37	<1	70.7	8.2	390	-
*Std OREAS 750	4.04	5	13.7	1.2	112	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	1.0	-
*Std AMIS0341	13.18	5	1.9	0.1	21.2	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48784

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-821	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	07 Apr 2025 - 22 Apr 2025
Submission Number	Batch CDM-008	Date Completed	22 Apr 2025
Number of Samples	39	SGS Order Number	BBM25-48784

Methods Summary

Number of Samples	Method Code	Description
39	G_WGH_KG	Weight of samples received
39	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
39	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
32	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com
Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV821-001	3.32	7.73	77	427	<5	2.4
CV821-002	1.44	1.01	68	40	<5	0.8
CV821-003	1.33	7.61	58	442	<5	2.2
CV821-004	3.19	7.53	54	418	<5	2.2
CV821-005	-	7.14	56	419	<5	2.0
CV821-006	3.34	7.98	64	482	<5	2.1
CV821-007	3.17	7.55	52	455	<5	2.2
CV821-008	3.19	8.46	67	402	<5	2.5
CV821-009	3.08	8.73	116	530	<5	1.8
CV821-010	2.65	8.93	145	475	<5	1.7
CV821-011	1.90	5.27	47	273	<5	1.7
CV821-012	0.51	0.16	<10	13	<5	<0.1
CV821-013	2.24	4.83	49	156	<5	1.6
CV821-014	2.97	3.08	<10	140	<5	1.3
CV821-015	1.33	1.33	<10	24	<5	3.3
CV821-016	3.92	5.57	16	38	<5	6.8
CV821-017	2.50	6.64	14	192	<5	5.6
CV821-018	0.02	8.15	22	394	99	0.8
CV821-019	3.89	5.65	<10	82	<5	6.1
CV821-020	3.51	6.24	88	596	<5	2.2
CV821-021	3.42	7.20	25	88	<5	4.1
CV821-022	3.36	7.40	139	125	<5	3.1
CV821-023	3.55	6.89	654	250	<5	3.9
CV821-024	3.63	6.72	102	487	<5	2.5
CV821-025	3.51	7.58	18	195	<5	3.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV821-026	3.45	7.97	128	419	<5	2.1
CV821-027	3.76	7.05	66	119	<5	7.2
CV821-028	1.28	6.97	92	831	<5	2.1
CV821-029	2.07	6.61	17	218	<5	5.4
CV821-030	-	6.53	19	230	<5	5.5
CV821-031	3.79	6.59	21	142	<5	5.4
CV821-032	3.63	6.82	11	89	<5	6.2
CV821-033	2.50	6.75	11	378	<5	5.2
CV821-034	3.57	6.75	14	128	<5	5.2
CV821-035	3.73	6.93	2200	93	<5	5.0
CV821-036	3.76	5.78	752	127	<5	6.5
CV821-037	0.51	0.25	<10	21	<5	<0.1
CV821-038	3.58	7.11	15	205	<5	6.3
CV821-039	3.56	7.14	24	323	<5	5.3
*Std OREAS 149	-	7.66	28	2714	26	1.0
*Rep CV821-017	-	6.61	12	192	<5	5.6
*Std OREAS 553	-	2.93	311	313	<5	5.4
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.46	427	149	206	0.5
*Rep CV821-030	-	6.51	16	228	<5	5.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.62	440	151	211	0.6
*Std OREAS 553	-	2.94	315	307	<5	5.4
*Std OREAS 750	-	5.56	11	421	39	0.9

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV821-001	305	53	5.74	2.1	30	1.17
CV821-002	438	11	0.97	0.3	<10	0.12
CV821-003	332	41	4.88	1.9	38	1.11
CV821-004	348	44	5.68	2.0	36	1.12
CV821-005	364	47	5.03	1.9	38	1.01
CV821-006	324	38	4.54	2.2	34	1.15
CV821-007	381	52	4.73	2.0	32	1.26
CV821-008	430	63	5.07	2.0	37	1.40
CV821-009	380	43	4.54	2.5	43	1.49
CV821-010	451	47	4.57	2.5	55	2.20
CV821-011	386	33	5.63	1.5	34	1.38
CV821-012	132	<10	0.29	<0.1	<10	0.01
CV821-013	370	19	5.49	1.0	29	1.30
CV821-014	46	17	3.65	0.7	17	0.79
CV821-015	276	110	21.08	0.4	<10	0.70
CV821-016	255	34	17.81	0.4	<10	2.12
CV821-017	235	30	12.52	1.1	18	1.81
CV821-018	45	32	1.60	2.4	4637	0.29
CV821-019	229	44	15.87	0.6	16	1.82
CV821-020	258	50	8.77	2.9	22	0.74
CV821-021	218	36	5.59	0.7	43	1.67
CV821-022	258	31	5.32	0.6	31	1.74
CV821-023	197	25	7.58	1.2	38	1.69
CV821-024	253	32	6.08	2.4	32	0.96
CV821-025	209	37	4.77	0.9	25	1.98

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Date: 22 Apr 2025

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

ANALYSIS REPORT BBM25-48784

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV821-026	360	59	5.61	2.3	43	2.00
CV821-027	467	91	8.01	0.6	15	4.70
CV821-028	276	99	7.00	2.3	62	1.78
CV821-029	169	51	9.06	0.9	26	2.42
CV821-030	162	52	9.05	0.9	25	2.44
CV821-031	144	67	10.60	0.7	17	2.72
CV821-032	141	69	10.62	0.4	14	2.56
CV821-033	126	33	8.72	0.8	34	2.47
CV821-034	194	40	10.88	0.5	14	3.59
CV821-035	149	177	11.45	0.4	19	3.76
CV821-036	803	27	9.10	0.4	24	4.54
CV821-037	310	<10	0.32	0.1	<10	0.03
CV821-038	176	87	9.30	0.4	22	2.34
CV821-039	176	87	6.36	0.6	26	1.50
*Std OREAS 149	107	343	4.11	1.4	10185	0.53
*Rep CV821-017	234	28	12.47	1.1	18	1.80
*Std OREAS 553	48	5876	1.24	0.8	101	5.42
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	430	53	0.90	2.8	4874	0.21
*Rep CV821-030	169	52	9.02	0.9	25	2.42
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	431	50	0.92	2.9	4882	0.21
*Std OREAS 553	49	5718	1.25	0.8	100	5.42
*Std OREAS 750	42	19	1.68	1.8	2379	0.32

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Date: 22 Apr 2025

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

ANALYSIS REPORT BBM25-48784

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV821-001	773	69	0.06	1.08	19	29.5
CV821-002	78	21	0.01	0.18	<5	>30.0
CV821-003	586	67	0.05	0.79	18	29.7
CV821-004	646	77	0.05	0.96	17	>30.0
CV821-005	552	56	0.05	0.82	15	>30.0
CV821-006	467	57	0.05	0.75	16	>30.0
CV821-007	592	70	0.06	0.94	19	>30.0
CV821-008	752	86	0.06	0.90	24	>30.0
CV821-009	669	82	0.06	0.75	19	28.5
CV821-010	642	125	0.06	0.34	19	28.6
CV821-011	1227	61	0.05	0.85	13	>30.0
CV821-012	20	<5	<0.01	<0.01	<5	30.0
CV821-013	985	56	0.04	0.38	11	>30.0
CV821-014	743	<5	<0.01	0.07	<5	21.1
CV821-015	464	26	0.11	9.73	<5	23.9
CV821-016	8017	30	0.04	1.71	10	22.0
CV821-017	5630	41	0.06	0.38	13	24.9
CV821-018	647	19	0.12	0.06	<5	>30.0
CV821-019	6775	38	0.06	1.73	12	21.8
CV821-020	704	53	0.05	4.20	14	27.3
CV821-021	1189	54	0.07	1.12	15	27.0
CV821-022	875	57	0.07	1.10	16	28.7
CV821-023	1354	47	0.07	2.34	15	25.7
CV821-024	700	42	0.04	2.12	11	28.6
CV821-025	1004	58	0.07	0.47	16	28.4

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Date: 22 Apr 2025

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

ANALYSIS REPORT BBM25-48784

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV821-026	677	118	0.07	1.20	16	28.9
CV821-027	1556	61	0.13	0.02	35	24.9
CV821-028	947	89	0.07	1.90	18	27.7
CV821-029	1880	49	0.14	0.54	37	25.2
CV821-030	1900	49	0.13	0.51	37	24.6
CV821-031	1918	71	0.11	0.32	39	24.8
CV821-032	2034	49	0.11	0.30	41	24.0
CV821-033	1594	31	0.16	0.20	31	25.1
CV821-034	2173	81	0.11	0.10	45	23.6
CV821-035	2190	60	0.12	0.59	46	22.9
CV821-036	1950	255	0.09	0.07	34	22.2
CV821-037	26	21	<0.01	<0.01	<5	>30.0
CV821-038	1837	47	0.07	0.48	32	24.1
CV821-039	1341	36	0.07	1.07	21	26.3
*Std OREAS 149	439	38	0.11	0.04	7	>30.0
*Rep CV821-017	5653	39	0.06	0.38	13	24.5
*Std OREAS 553	1587	26	0.05	0.29	7	27.1
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1665	29	0.28	0.03	<5	>30.0
*Rep CV821-030	1887	49	0.13	0.52	37	24.6
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1699	29	0.28	0.03	<5	>30.0
*Std OREAS 553	1592	28	0.05	0.29	7	26.6
*Std OREAS 750	395	18	0.07	0.08	<5	>30.0

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-001	171	0.44	142	116	<1	5
CV821-002	26	0.05	17	24	<1	<5
CV821-003	176	0.42	133	113	<1	7
CV821-004	180	0.41	131	110	<1	9
CV821-005	167	0.37	113	98	<1	<5
CV821-006	174	0.39	121	113	<1	<5
CV821-007	152	0.45	142	118	<1	7
CV821-008	222	0.56	171	142	<1	15
CV821-009	172	0.42	136	102	<1	23
CV821-010	147	0.35	120	79	<1	41
CV821-011	100	0.29	86	65	<1	5
CV821-012	<10	0.01	<5	<5	<1	<5
CV821-013	118	0.27	78	55	<1	38
CV821-014	73	0.17	14	32	<1	25
CV821-015	73	0.03	16	30	<1	5
CV821-016	141	0.25	69	64	<1	<5
CV821-017	127	0.31	86	74	<1	6
CV821-018	78	0.14	24	92	<1	9
CV821-019	75	0.28	74	62	<1	<5
CV821-020	90	0.30	80	213	<1	60
CV821-021	140	0.35	101	74	<1	38
CV821-022	188	0.37	104	106	<1	23
CV821-023	150	0.34	94	128	<1	267
CV821-024	88	0.26	62	643	<1	6
CV821-025	190	0.37	107	77	<1	44

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ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-026	110	0.33	109	105	<1	46
CV821-027	329	0.49	231	100	<1	22
CV821-028	106	0.38	118	143	<1	5
CV821-029	145	1.15	298	135	<1	12
CV821-030	145	1.12	299	136	<1	20
CV821-031	151	1.00	331	139	<1	19
CV821-032	164	0.97	341	138	<1	22
CV821-033	247	0.94	251	120	<1	23
CV821-034	168	0.96	377	118	<1	26
CV821-035	158	1.13	405	126	<1	12
CV821-036	126	0.76	266	114	<1	264
CV821-037	<10	0.01	<5	<5	<1	<5
CV821-038	138	0.60	246	106	<1	<5
CV821-039	172	0.42	133	94	<1	<5
*Std OREAS 149	218	0.36	72	347	<1	132
*Rep CV821-017	127	0.30	85	72	<1	10
*Std OREAS 553	57	0.20	73	48	<1	7
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	64	0.01	5	111	<1	21
*Rep CV821-030	144	1.11	295	136	<1	24
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	66	0.01	5	121	<1	24
*Std OREAS 553	57	0.20	75	53	<1	8
*Std OREAS 750	75	0.16	27	66	<1	13

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-001	0.1	0.2	45.5	25.8	2.9	3.76
CV821-002	<0.1	<0.2	6.5	4.6	0.7	0.72
CV821-003	0.1	<0.2	45.9	22.9	4.8	4.24
CV821-004	0.2	<0.2	47.5	24.4	4.6	3.82
CV821-005	0.1	<0.2	46.2	19.4	3.7	3.10
CV821-006	0.1	<0.2	38.4	20.8	3.4	3.33
CV821-007	0.1	<0.2	43.0	28.6	3.7	4.27
CV821-008	0.1	<0.2	44.9	32.9	4.3	4.78
CV821-009	0.1	<0.2	38.1	26.0	4.6	2.87
CV821-010	0.2	<0.2	45.0	26.6	5.5	2.41
CV821-011	<0.1	<0.2	27.3	18.2	4.1	2.15
CV821-012	<0.1	<0.2	3.9	0.9	0.4	0.32
CV821-013	<0.1	<0.2	25.5	17.0	2.8	1.92
CV821-014	<0.1	<0.2	25.0	17.3	2.6	1.76
CV821-015	0.3	<0.2	13.8	8.4	1.9	1.07
CV821-016	0.1	<0.2	25.3	13.6	1.0	2.14
CV821-017	<0.1	<0.2	33.5	16.7	1.9	2.46
CV821-018	1.7	1.1	32.3	3.3	46.6	2.06
CV821-019	0.2	<0.2	30.9	15.5	1.5	2.49
CV821-020	0.3	0.5	45.6	18.3	2.6	3.78
CV821-021	<0.1	<0.2	35.8	19.2	4.9	2.82
CV821-022	<0.1	<0.2	38.3	19.5	3.4	2.71
CV821-023	0.2	<0.2	38.5	17.1	4.6	2.68
CV821-024	0.4	1.8	58.4	10.7	4.0	5.28
CV821-025	<0.1	<0.2	38.7	20.8	3.1	2.76

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-026	0.4	0.2	56.3	24.0	5.1	2.66
CV821-027	<0.1	<0.2	37.8	43.8	1.5	3.56
CV821-028	0.2	0.3	48.7	24.1	7.9	3.54
CV821-029	<0.1	<0.2	24.6	37.4	3.2	6.39
CV821-030	<0.1	<0.2	27.0	38.5	3.3	6.66
CV821-031	<0.1	<0.2	29.2	41.8	1.7	6.22
CV821-032	<0.1	<0.2	24.0	40.6	0.8	6.28
CV821-033	<0.1	<0.2	40.1	32.1	1.9	5.75
CV821-034	<0.1	<0.2	18.5	46.6	1.8	5.64
CV821-035	0.1	<0.2	20.0	48.2	18.6	6.08
CV821-036	<0.1	<0.2	17.3	53.3	2.6	4.75
CV821-037	<0.1	<0.2	4.2	0.9	0.5	0.39
CV821-038	<0.1	<0.2	28.3	36.3	1.0	3.97
CV821-039	0.1	0.2	49.3	25.7	2.5	3.66
*Std OREAS 149	46.6	12.1	405	7.3	295	4.19
*Rep CV821-017	<0.1	<0.2	36.2	19.1	2.3	2.80
*Std OREAS 553	2.4	<0.2	56.8	4944	0.9	3.42
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std AMIS0341	22.7	0.3	1.1	3.4	398	0.27
*Rep CV821-030	<0.1	<0.2	26.0	38.1	3.1	6.59
*Blk BLANK	<0.1	<0.2	0.2	<0.5	<0.1	<0.05
*Std AMIS0341	25.0	0.2	0.9	3.8	565	0.29
*Std OREAS 553	2.8	0.3	58.5	6521	0.8	3.62
*Std OREAS 750	1.1	0.7	34.0	4.0	25.3	2.52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-001	2.25	1.21	20	4.53	2	3
CV821-002	0.39	0.28	3	0.84	1	<1
CV821-003	2.36	1.31	18	4.91	2	3
CV821-004	2.13	1.24	20	4.29	2	3
CV821-005	1.75	1.06	18	3.92	2	2
CV821-006	1.98	1.17	20	4.15	2	3
CV821-007	2.56	1.26	19	4.86	1	3
CV821-008	2.87	1.48	21	5.55	1	3
CV821-009	1.69	1.04	21	3.59	1	3
CV821-010	1.39	0.95	21	3.21	1	3
CV821-011	1.13	0.64	12	2.49	2	2
CV821-012	0.19	0.05	<1	0.37	<1	<1
CV821-013	1.06	0.74	12	2.27	2	2
CV821-014	1.06	0.61	11	2.28	2	2
CV821-015	0.72	0.68	7	1.39	2	<1
CV821-016	1.33	0.75	14	2.45	2	2
CV821-017	1.61	0.76	16	3.03	2	3
CV821-018	1.00	0.52	19	2.77	4	4
CV821-019	1.63	0.78	13	3.06	2	3
CV821-020	2.37	0.99	19	4.44	1	4
CV821-021	1.61	0.80	16	3.48	1	3
CV821-022	1.54	0.87	16	3.38	1	3
CV821-023	1.63	1.01	16	3.31	1	3
CV821-024	3.25	0.99	19	5.93	1	5
CV821-025	1.56	0.84	18	3.42	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-026	1.55	1.04	21	3.68	1	3
CV821-027	2.13	1.22	19	4.47	2	2
CV821-028	2.12	0.97	18	4.17	1	3
CV821-029	3.98	1.57	19	6.61	2	3
CV821-030	4.04	1.57	20	6.67	2	4
CV821-031	3.91	1.55	21	6.56	2	4
CV821-032	3.99	1.41	21	6.45	2	3
CV821-033	3.40	1.64	20	6.43	2	3
CV821-034	3.49	1.39	21	5.84	2	3
CV821-035	3.88	1.45	21	6.48	2	3
CV821-036	2.89	1.12	18	5.03	2	2
CV821-037	0.27	0.06	<1	0.40	1	1
CV821-038	2.83	1.14	19	4.06	2	3
CV821-039	2.48	1.32	17	4.13	2	4
*Std OREAS 149	1.67	3.74	48	9.57	6	5
*Rep CV821-017	1.77	0.86	17	3.35	2	3
*Std OREAS 553	1.80	0.82	8	4.56	<1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.12	<0.05	44	0.28	8	3
*Rep CV821-030	3.97	1.52	19	6.62	2	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.16	0.06	48	0.30	10	4
*Std OREAS 553	2.17	0.97	9	4.78	1	3
*Std OREAS 750	1.39	0.70	15	3.15	3	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-001	0.86	<0.2	22.8	0.36	<2	5
CV821-002	0.15	<0.2	3.4	0.05	2	<1
CV821-003	0.92	<0.2	22.9	0.39	<2	4
CV821-004	0.77	<0.2	24.3	0.33	<2	5
CV821-005	0.64	<0.2	24.6	0.26	<2	7
CV821-006	0.75	<0.2	19.3	0.31	<2	5
CV821-007	0.94	<0.2	21.3	0.40	<2	5
CV821-008	1.09	<0.2	22.2	0.43	<2	5
CV821-009	0.62	<0.2	18.8	0.25	<2	4
CV821-010	0.52	<0.2	22.9	0.22	<2	5
CV821-011	0.43	<0.2	13.8	0.20	<2	4
CV821-012	0.07	<0.2	2.2	<0.05	<2	<1
CV821-013	0.41	<0.2	12.6	0.17	<2	4
CV821-014	0.40	<0.2	12.7	0.18	<2	3
CV821-015	0.27	<0.2	8.2	0.12	<2	2
CV821-016	0.49	<0.2	13.5	0.22	<2	3
CV821-017	0.57	<0.2	18.0	0.27	2	4
CV821-018	0.42	<0.2	17.0	0.14	3	40
CV821-019	0.59	<0.2	16.0	0.26	2	4
CV821-020	0.84	<0.2	23.2	0.39	3	6
CV821-021	0.62	<0.2	18.2	0.26	<2	6
CV821-022	0.58	<0.2	19.2	0.25	<2	6
CV821-023	0.60	<0.2	20.1	0.25	<2	6
CV821-024	1.17	0.2	29.5	0.56	<2	9
CV821-025	0.59	<0.2	19.5	0.25	<2	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-026	0.56	<0.2	29.6	0.24	2	6
CV821-027	0.81	<0.2	17.9	0.34	<2	3
CV821-028	0.81	<0.2	25.1	0.35	2	6
CV821-029	1.47	<0.2	10.7	0.63	<2	5
CV821-030	1.52	<0.2	11.9	0.66	<2	5
CV821-031	1.48	<0.2	13.7	0.69	<2	5
CV821-032	1.45	<0.2	10.5	0.63	<2	5
CV821-033	1.25	<0.2	18.4	0.54	<2	5
CV821-034	1.34	<0.2	7.8	0.58	<2	3
CV821-035	1.43	<0.2	8.4	0.59	<2	4
CV821-036	1.06	<0.2	7.4	0.46	<2	4
CV821-037	0.08	<0.2	2.3	<0.05	<2	<1
CV821-038	0.85	<0.2	13.3	0.38	<2	4
CV821-039	0.80	<0.2	23.7	0.34	3	7
*Std OREAS 149	0.72	12.1	262	0.20	9	5550
*Rep CV821-017	0.63	<0.2	19.6	0.29	2	5
*Std OREAS 553	0.71	0.2	35.0	0.26	2	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	3	127
*Rep CV821-030	1.46	<0.2	11.2	0.65	<2	5
*Blk BLANK	<0.05	<0.2	0.2	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	4	134
*Std OREAS 553	0.75	0.2	34.8	0.26	3	10
*Std OREAS 750	0.48	<0.2	16.7	0.17	2	23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-001	23.0	8	5.32	81.4	0.7	4.8
CV821-002	3.5	<5	0.77	8.9	0.5	0.8
CV821-003	23.2	9	5.33	72.7	0.6	4.8
CV821-004	22.3	10	5.33	83.1	0.7	4.6
CV821-005	21.1	9	5.04	71.9	0.6	4.2
CV821-006	20.3	8	4.57	81.8	0.6	4.1
CV821-007	22.2	8	5.04	89.9	0.6	4.8
CV821-008	24.6	7	5.51	78.0	0.5	5.5
CV821-009	18.7	9	4.39	94.5	0.5	3.5
CV821-010	20.9	10	5.03	96.1	0.7	3.7
CV821-011	13.1	5	3.08	70.8	0.4	2.6
CV821-012	1.9	<5	0.46	2.7	0.2	0.4
CV821-013	12.6	<5	2.87	38.6	0.5	2.6
CV821-014	11.9	6	2.76	43.9	0.8	2.2
CV821-015	6.4	<5	1.51	12.2	0.6	1.2
CV821-016	11.8	<5	2.84	8.0	1.6	2.3
CV821-017	15.6	5	3.65	44.0	1.3	3.1
CV821-018	15.1	18	3.72	449	0.6	3.2
CV821-019	14.2	<5	3.38	22.1	1.3	2.9
CV821-020	22.1	13	5.22	117	0.7	4.6
CV821-021	17.3	7	4.10	29.7	0.9	3.5
CV821-022	18.0	10	4.30	23.1	0.5	3.5
CV821-023	17.7	12	4.15	51.2	0.6	3.4
CV821-024	28.0	30	6.59	94.1	0.5	6.1
CV821-025	18.5	5	4.26	35.0	0.6	3.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-026	25.3	14	6.13	103	0.9	4.4
CV821-027	22.2	8	4.72	20.3	0.6	4.8
CV821-028	23.4	10	5.47	108	0.5	4.6
CV821-029	17.6	<5	3.44	34.0	0.7	5.2
CV821-030	18.8	<5	3.63	33.5	0.7	5.2
CV821-031	19.1	<5	3.76	22.6	1.1	5.1
CV821-032	16.8	<5	3.23	7.8	0.7	5.0
CV821-033	24.9	<5	5.00	21.1	0.5	5.8
CV821-034	14.1	<5	2.61	16.6	0.6	4.3
CV821-035	15.2	<5	2.84	13.4	0.5	4.6
CV821-036	12.6	<5	2.38	12.8	1.0	3.8
CV821-037	2.0	<5	0.50	3.6	0.2	0.4
CV821-038	15.2	<5	3.33	9.7	0.6	3.7
CV821-039	23.1	6	5.51	16.8	0.2	4.6
*Std OREAS 149	155	33	47.12	733	27.5	19.7
*Rep CV821-017	16.9	6	3.93	49.3	1.5	3.4
*Std OREAS 553	25.2	13	6.34	26.3	0.4	5.0
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std AMIS0341	0.6	12	0.12	3606	12.7	0.2
*Rep CV821-030	18.2	<5	3.48	32.7	0.8	5.1
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1
*Std AMIS0341	0.7	15	0.12	4748	13.7	0.3
*Std OREAS 553	26.6	16	6.61	27.6	0.5	4.9
*Std OREAS 750	15.7	17	3.87	274	0.5	3.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-001	<1	<0.5	0.68	3.8	<0.5	0.36
CV821-002	<1	<0.5	0.12	0.3	<0.5	0.06
CV821-003	<1	<0.5	0.71	3.2	<0.5	0.39
CV821-004	<1	<0.5	0.64	4.0	<0.5	0.33
CV821-005	2	<0.5	0.56	4.0	<0.5	0.27
CV821-006	1	<0.5	0.57	3.4	<0.5	0.31
CV821-007	1	<0.5	0.73	3.5	<0.5	0.40
CV821-008	1	<0.5	0.85	3.3	<0.5	0.46
CV821-009	<1	<0.5	0.52	3.6	<0.5	0.26
CV821-010	<1	<0.5	0.43	5.8	<0.5	0.21
CV821-011	<1	<0.5	0.35	2.4	<0.5	0.18
CV821-012	<1	<0.5	0.06	0.8	<0.5	<0.05
CV821-013	<1	<0.5	0.33	2.4	<0.5	0.18
CV821-014	<1	<0.5	0.33	3.4	<0.5	0.17
CV821-015	<1	<0.5	0.19	1.3	<0.5	0.12
CV821-016	<1	<0.5	0.34	2.5	<0.5	0.22
CV821-017	<1	<0.5	0.45	3.1	<0.5	0.24
CV821-018	142	30.3	0.40	6.3	2.7	0.15
CV821-019	<1	<0.5	0.45	2.6	<0.5	0.26
CV821-020	2	<0.5	0.68	4.4	0.6	0.38
CV821-021	<1	<0.5	0.49	3.1	<0.5	0.26
CV821-022	<1	1.0	0.48	3.1	<0.5	0.25
CV821-023	1	<0.5	0.50	3.2	<0.5	0.25
CV821-024	3	0.6	0.94	6.3	<0.5	0.52
CV821-025	1	0.5	0.49	3.3	<0.5	0.26

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV821-026	1	<0.5	0.49	8.2	<0.5	0.24
CV821-027	<1	<0.5	0.65	3.1	<0.5	0.33
CV821-028	<1	<0.5	0.61	5.0	0.5	0.34
CV821-029	1	0.5	1.05	1.4	<0.5	0.64
CV821-030	1	<0.5	1.14	1.4	<0.5	0.65
CV821-031	<1	<0.5	1.01	1.4	<0.5	0.63
CV821-032	<1	<0.5	1.03	1.3	<0.5	0.61
CV821-033	<1	<0.5	0.96	2.1	<0.5	0.54
CV821-034	<1	<0.5	0.91	0.7	<0.5	0.55
CV821-035	1	<0.5	1.02	0.8	<0.5	0.61
CV821-036	<1	<0.5	0.79	0.9	<0.5	0.46
CV821-037	<1	<0.5	0.06	1.2	<0.5	<0.05
CV821-038	<1	<0.5	0.64	2.4	<0.5	0.38
CV821-039	<1	<0.5	0.63	4.9	<0.5	0.35
*Std OREAS 149	2566	31.0	1.01	123	6.5	0.23
*Rep CV821-017	<1	<0.5	0.48	3.5	<0.5	0.27
*Std OREAS 553	1	0.6	0.65	5.9	<0.5	0.28
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	78	716	0.05	5.0	36.7	<0.05
*Rep CV821-030	1	<0.5	1.04	1.3	<0.5	0.64
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	95	782	0.05	5.4	44.5	<0.05
*Std OREAS 553	<1	0.7	0.66	6.2	<0.5	0.28
*Std OREAS 750	48	9.9	0.45	6.8	1.7	0.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

Order Number CV25-821
Project Corvette
Submission Number Batch CDM-008
Number of Samples 39

ANALYSIS REPORT BBM25-48784

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV821-001	1.01	1	22.1	2.2	110	11
CV821-002	0.14	<1	4.3	0.3	13.9	<5
CV821-003	0.88	1	24.0	2.3	108	7
CV821-004	0.94	1	21.6	2.0	113	6
CV821-005	0.87	1	16.8	1.6	85.5	-
CV821-006	0.85	1	19.1	1.8	100	6
CV821-007	0.89	1	25.1	2.4	112	7
CV821-008	0.82	<1	28.3	2.6	123	6
CV821-009	0.98	2	15.9	1.6	102	6
CV821-010	1.61	2	13.0	1.3	106	6
CV821-011	0.58	1	12.0	1.1	87.9	7
CV821-012	0.28	<1	2.0	0.2	29.5	-
CV821-013	0.54	1	10.9	1.1	82.8	8
CV821-014	0.51	1	10.7	1.0	81.6	6
CV821-015	0.22	<1	8.6	0.7	15.2	96
CV821-016	0.56	2	13.1	1.3	87.8	23
CV821-017	0.73	<1	15.3	1.5	114	9
CV821-018	7.04	6	10.4	0.8	102	-
CV821-019	0.63	2	15.9	1.6	101	12
CV821-020	1.06	1	23.0	2.4	137	55
CV821-021	0.70	2	16.2	1.6	129	8
CV821-022	0.70	1	15.2	1.5	128	10
CV821-023	0.75	2	15.9	1.5	124	13
CV821-024	1.54	2	31.1	3.3	175	48
CV821-025	0.75	3	15.5	1.6	137	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV821-026	2.20	2	14.5	1.4	111	9
CV821-027	0.83	<1	20.1	2.0	75.4	-
CV821-028	1.37	2	20.7	2.0	124	13
CV821-029	0.33	3	38.0	3.8	123	<5
CV821-030	0.36	3	37.6	4.0	129	-
CV821-031	0.35	1	36.3	3.8	135	<5
CV821-032	0.33	<1	36.7	3.9	119	6
CV821-033	0.48	2	32.0	3.2	122	6
CV821-034	0.20	<1	33.0	3.4	124	9
CV821-035	0.22	<1	35.7	3.6	133	6
CV821-036	0.31	1	27.0	2.7	95.8	9
CV821-037	0.39	<1	2.5	0.3	37.2	-
CV821-038	0.53	<1	24.4	2.7	94.7	-
CV821-039	1.17	<1	22.5	2.5	137	5
*Std OREAS 149	24.04	12	16.8	1.3	152	-
*Rep CV821-017	0.92	<1	17.0	1.7	128	-
*Std OREAS 553	35.22	<1	18.4	1.6	106	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.5	-
*Std AMIS0341	13.18	5	1.8	0.1	20.6	-
*Rep CV821-030	0.33	4	37.5	3.8	126	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std AMIS0341	13.78	6	2.0	0.1	18.8	-
*Std OREAS 553	26.87	1	20.7	1.9	101	-
*Std OREAS 750	4.70	6	14.2	1.2	110	-
*Std OREAS L12	-	-	-	-	-	644

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48784

Order Number	CV25-821
Project	Corvette
Submission Number	Batch CDM-008
Number of Samples	39

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Blk BLANK	-	-	-	-	-	<5
*Rep CV821-029	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3350
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1310

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48785

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-827	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	05 Apr 2025 - 17 Apr 2025
Submission Number	Batch CDM-010	Date Completed	17 Apr 2025
Number of Samples	21	SGS Order Number	BBM25-48785

Methods Summary

Number of Sample	Method Code	Description
21	G_WGH_KG	Weight of samples received
21	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
21	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
8	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV827-001	3.83	7.01	58	85	<5	6.6
CV827-002	3.51	7.40	43	384	<5	3.9
CV827-003	1.07	7.35	179	505	<5	2.0
CV827-004	3.82	7.55	79	496	<5	2.4
CV827-005	-	7.47	78	489	<5	2.3
CV827-006	3.81	6.01	35	375	<5	1.1
CV827-007	2.40	7.40	63	226	<5	1.0
CV827-008	1.38	6.12	13	78	<5	2.2
CV827-009	3.47	6.78	19	107	<5	5.1
CV827-010	3.73	7.12	57	280	<5	7.5
CV827-011	3.46	7.36	82	54	<5	7.2
CV827-012	0.50	0.24	26	15	<5	<0.1
CV827-013	3.72	7.32	26	76	<5	6.0
CV827-014	1.19	6.29	15	157	<5	7.0
CV827-015	3.60	7.12	52	184	<5	7.6
CV827-016	1.94	7.19	43	114	<5	7.5
CV827-017	2.44	6.40	34	166	<5	6.9
CV827-018	0.01	8.24	22	399	102	0.7
CV827-019	1.14	7.08	43	213	<5	5.7
CV827-020	3.53	7.79	87	198	<5	6.0
CV827-021	1.26	6.61	290	20	<5	7.3
*Rep CV827-004	-	7.48	79	493	<5	2.3
*Std OREAS 750	-	5.58	15	426	39	0.8
*Std OREAS 553	-	2.93	312	323	<5	5.4
*Std AMIS0341	-	8.66	433	153	213	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 554	-	4.37	182	1274	<5	4.0
*Std AMIS0341	-	8.89	453	157	217	0.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Std OREAS 753	-	8.63	16	17	118	0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV827-001	188	77	11.77	0.4	13	2.80
CV827-002	174	25	6.35	1.7	48	0.95
CV827-003	276	14	2.22	2.1	48	0.91
CV827-004	312	17	3.18	2.2	64	1.04
CV827-005	309	18	3.14	2.2	64	1.02
CV827-006	234	29	3.22	2.8	66	1.11
CV827-007	186	24	4.00	1.4	91	1.74
CV827-008	151	122	9.92	0.5	99	3.72
CV827-009	151	120	9.08	0.5	31	3.07
CV827-010	769	116	7.41	0.5	33	6.29
CV827-011	367	70	9.10	0.3	24	3.97
CV827-012	456	<10	0.47	<0.1	<10	0.03
CV827-013	166	172	10.91	0.3	20	2.96
CV827-014	564	43	6.12	0.1	<10	3.39
CV827-015	516	122	9.20	0.2	14	4.51
CV827-016	459	147	9.06	0.3	11	4.12
CV827-017	631	98	11.35	0.6	39	3.65
CV827-018	39	28	1.67	2.4	4666	0.30
CV827-019	249	94	9.58	1.4	51	2.97
CV827-020	405	110	7.47	0.5	26	3.60
CV827-021	929	140	9.22	0.2	23	4.41

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Rep CV827-004	315	20	3.15	2.2	62	1.03
*Std OREAS 750	29	18	1.74	1.8	2400	0.33
*Std OREAS 553	39	5771	1.27	0.7	99	5.53
*Std AMIS0341	434	46	0.95	2.8	4909	0.22
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 554	77	>10000	1.83	1.8	33	3.13
*Std AMIS0341	439	54	0.96	3.0	4916	0.22
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 753	27	17	0.88	2.0	9904	0.02

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV827-001	2873	72	0.10	0.30	44	23.8
CV827-002	1816	12	0.07	0.21	13	28.2
CV827-003	443	23	0.02	0.03	9	>30.0
CV827-004	654	22	0.04	0.04	10	>30.0
CV827-005	644	20	0.04	0.04	10	>30.0
CV827-006	597	19	0.04	0.03	10	>30.0
CV827-007	697	22	0.06	0.03	13	>30.0
CV827-008	1300	51	0.03	2.52	36	26.0
CV827-009	1578	50	0.04	0.09	46	25.9
CV827-010	1361	117	0.01	0.01	46	23.5
CV827-011	1898	76	0.02	0.03	46	24.0
CV827-012	47	7	<0.01	<0.01	<5	>30.0
CV827-013	3627	52	0.05	0.25	46	24.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV827-014	2192	127	0.04	0.01	34	27.3
CV827-015	2914	147	0.03	0.14	40	23.4
CV827-016	3324	148	0.03	0.19	39	23.2
CV827-017	3680	153	0.03	0.42	35	22.2
CV827-018	657	16	0.12	0.06	<5	>30.0
CV827-019	1883	70	0.04	0.20	42	24.5
CV827-020	1634	113	0.02	0.05	49	25.1
CV827-021	2156	278	0.02	0.18	37	23.7
*Rep CV827-004	652	21	0.04	0.04	10	>30.0
*Std OREAS 750	399	15	0.07	0.07	<5	>30.0
*Std OREAS 553	1598	26	0.05	0.28	7	25.4
*Std AMIS0341	1713	23	0.28	0.03	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 554	1089	41	0.03	0.78	8	28.1
*Std AMIS0341	1732	24	0.29	0.03	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 753	755	16	0.11	0.02	<5	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-001	148	1.14	404	168	<1	19
CV827-002	126	0.46	104	72	<1	<5
CV827-003	131	0.18	50	59	<1	<5
CV827-004	127	0.24	48	75	<1	<5
CV827-005	125	0.23	47	76	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-006	85	0.27	74	61	<1	7
CV827-007	86	0.37	96	54	<1	<5
CV827-008	52	0.48	245	94	<1	78
CV827-009	82	0.62	322	98	<1	9
CV827-010	67	0.26	217	111	<1	11
CV827-011	66	0.37	258	84	<1	5
CV827-012	<10	0.02	7	6	<1	<5
CV827-013	105	0.79	362	119	<1	11
CV827-014	142	0.55	237	66	<1	<5
CV827-015	128	0.61	286	99	<1	<5
CV827-016	126	0.57	272	108	<1	<5
CV827-017	44	0.52	255	90	<1	52
CV827-018	78	0.14	27	95	<1	10
CV827-019	60	0.55	291	93	<1	<5
CV827-020	141	0.39	277	86	<1	9
CV827-021	118	0.51	261	103	<1	19
*Rep CV827-004	124	0.23	48	77	<1	<5
*Std OREAS 750	71	0.16	28	65	<1	14
*Std OREAS 553	54	0.20	76	51	<1	8
*Std AMIS0341	63	0.01	6	116	<1	24
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 554	70	0.23	119	58	<1	67
*Std AMIS0341	69	0.01	6	115	<1	23
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 753	30	<0.01	<5	88	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-001	<0.1	<0.2	24.2	53.4	1.0	7.61
CV827-002	<0.1	<0.2	42.9	10.3	4.8	4.11
CV827-003	0.2	<0.2	49.2	8.7	6.5	3.85
CV827-004	0.2	<0.2	66.5	10.6	8.3	4.17
CV827-005	0.2	<0.2	64.6	9.8	8.0	4.14
CV827-006	0.9	<0.2	39.0	10.4	11.9	2.56
CV827-007	0.2	<0.2	43.0	13.4	6.3	2.98
CV827-008	0.6	<0.2	16.1	96.7	2.4	3.51
CV827-009	<0.1	<0.2	17.8	48.8	1.9	4.36
CV827-010	<0.1	<0.2	4.9	48.6	8.1	2.03
CV827-011	<0.1	<0.2	6.9	44.6	5.5	2.95
CV827-012	<0.1	<0.2	4.3	1.0	0.5	0.35
CV827-013	<0.1	<0.2	15.9	55.0	1.0	5.53
CV827-014	<0.1	<0.2	7.6	45.0	0.5	2.78
CV827-015	<0.1	<0.2	9.3	57.7	0.7	3.65
CV827-016	<0.1	<0.2	8.6	57.6	1.0	3.38
CV827-017	<0.1	<0.2	9.9	55.0	2.1	3.41
CV827-018	1.9	1.3	33.5	3.9	47.4	2.42
CV827-019	<0.1	<0.2	14.9	43.8	5.6	4.51
CV827-020	<0.1	<0.2	6.7	51.5	1.9	3.10
CV827-021	<0.1	<0.2	7.5	73.2	0.8	3.22
*Rep CV827-004	0.2	<0.2	65.8	10.2	8.1	4.08
*Std OREAS 750	1.1	0.6	34.3	4.1	22.3	2.71
*Std OREAS 553	2.7	<0.2	56.3	6502	0.9	3.66
*Std AMIS0341	26.6	<0.2	1.1	4.0	467	0.25
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Std OREAS 554	2.9	0.2	68.6	8192	2.7	3.67
*Std AMIS0341	25.9	<0.2	1.1	3.4	492	0.34
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 753	2.4	1.7	0.8	0.9	62.6	0.16

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-001	4.70	1.59	21	6.56	2	4
CV827-002	2.39	1.11	17	3.86	1	4
CV827-003	2.31	0.83	17	3.76	1	4
CV827-004	2.77	1.10	19	4.52	1	6
CV827-005	2.64	1.07	18	4.30	1	6
CV827-006	1.67	0.73	13	2.66	<1	4
CV827-007	1.77	0.96	16	3.35	<1	4
CV827-008	2.25	0.81	15	2.88	1	3
CV827-009	3.00	1.02	18	3.75	2	3
CV827-010	1.45	0.39	13	1.54	2	<1
CV827-011	2.12	0.58	16	2.27	2	1
CV827-012	0.29	0.06	<1	0.31	1	1
CV827-013	3.58	1.24	23	4.82	2	3
CV827-014	1.72	0.76	15	2.69	2	2
CV827-015	2.07	0.98	19	3.19	2	2
CV827-016	2.16	0.88	18	3.15	2	2
CV827-017	2.16	0.81	17	2.99	2	2
CV827-018	1.22	0.56	20	2.79	5	4
CV827-019	3.29	0.94	19	3.46	2	2
CV827-020	2.12	0.59	17	2.33	2	1
CV827-021	2.01	0.81	17	3.00	2	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Rep CV827-004	2.72	1.11	19	4.41	1	6
*Std OREAS 750	1.36	0.66	13	3.20	3	4
*Std OREAS 553	2.17	0.93	9	4.29	1	3
*Std AMIS0341	0.14	<0.05	46	0.27	9	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 554	2.12	0.89	13	4.22	2	2
*Std AMIS0341	0.15	<0.05	44	0.31	9	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 753	0.05	<0.05	16	0.13	7	1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-001	1.58	<0.2	10.1	0.67	<2	5
CV827-002	0.82	<0.2	21.2	0.36	<2	6
CV827-003	0.73	<0.2	24.6	0.35	<2	6
CV827-004	0.86	<0.2	33.2	0.41	<2	7
CV827-005	0.86	<0.2	32.4	0.41	<2	7
CV827-006	0.52	<0.2	19.3	0.25	<2	5
CV827-007	0.60	<0.2	21.5	0.27	<2	6
CV827-008	0.73	<0.2	7.5	0.35	<2	3
CV827-009	0.96	<0.2	8.1	0.43	<2	3
CV827-010	0.48	<0.2	2.2	0.21	<2	<1
CV827-011	0.65	<0.2	3.1	0.31	<2	<1
CV827-012	0.08	<0.2	2.2	<0.05	<2	<1
CV827-013	1.17	<0.2	6.4	0.50	<2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number CV25-827
Project Corvette
Submission Number Batch CDM-010
Number of Samples 21

ANALYSIS REPORT BBM25-48785

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-014	0.57	<0.2	2.8	0.22	<2	2
CV827-015	0.73	<0.2	3.3	0.28	<2	2
CV827-016	0.72	<0.2	3.2	0.27	<2	2
CV827-017	0.71	<0.2	4.2	0.29	<2	2
CV827-018	0.42	<0.2	16.9	0.14	3	39
CV827-019	0.98	<0.2	6.8	0.46	<2	2
CV827-020	0.70	<0.2	3.0	0.32	<2	<1
CV827-021	0.69	<0.2	2.6	0.27	<2	1
*Rep CV827-004	0.83	<0.2	33.1	0.39	<2	7
*Std OREAS 750	0.50	<0.2	17.2	0.17	2	20
*Std OREAS 553	0.71	<0.2	33.4	0.28	3	7
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	4	123
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 554	0.72	<0.2	36.1	0.29	4	8
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	122
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	34

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-001	17.5	<5	3.47	12.7	0.5	5.1
CV827-002	21.0	5	5.02	58.1	0.2	4.3
CV827-003	21.7	18	5.69	68.5	0.1	4.2
CV827-004	29.3	13	7.21	87.2	0.2	5.2
CV827-005	27.9	13	7.23	86.3	0.2	5.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-006	16.7	11	4.13	125	0.2	3.0
CV827-007	19.0	12	4.69	55.6	0.1	3.8
CV827-008	9.2	86	1.93	16.6	5.0	2.6
CV827-009	10.6	<5	2.22	18.5	0.4	3.1
CV827-010	3.4	<5	0.62	19.4	0.3	1.1
CV827-011	4.9	<5	0.93	13.8	0.3	1.6
CV827-012	2.0	<5	0.51	2.8	0.2	0.4
CV827-013	11.7	<5	2.26	7.9	0.4	3.7
CV827-014	6.5	<5	1.15	4.1	0.2	2.0
CV827-015	7.8	<5	1.40	6.6	0.6	2.6
CV827-016	7.3	<5	1.31	10.0	0.4	2.4
CV827-017	7.4	<5	1.44	14.5	0.7	2.3
CV827-018	15.8	21	3.82	515	0.6	3.4
CV827-019	9.2	<5	1.91	43.6	0.5	2.8
CV827-020	4.7	<5	0.94	19.3	0.3	1.5
CV827-021	6.4	<5	1.15	5.2	1.3	2.2
*Rep CV827-004	27.8	19	7.22	87.2	0.1	5.2
*Std OREAS 750	16.0	16	3.96	254	0.4	3.3
*Std OREAS 553	24.8	15	6.29	26.0	0.4	4.7
*Std AMIS0341	0.6	14	0.12	4223	13.2	0.2
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std OREAS 554	29.8	18	7.76	88.5	2.3	5.1
*Std AMIS0341	0.6	13	0.12	4217	12.6	0.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 753	0.3	12	0.08	645	0.2	0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number CV25-827
Project Corvette
Submission Number Batch CDM-010
Number of Samples 21

ANALYSIS REPORT BBM25-48785

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV827-001	1	<0.5	1.08	1.2	<0.5	0.68
CV827-002	1	<0.5	0.61	3.2	<0.5	0.36
CV827-003	2	0.6	0.60	10.6	<0.5	0.34
CV827-004	2	0.6	0.70	11.0	<0.5	0.38
CV827-005	2	0.6	0.68	9.8	<0.5	0.39
CV827-006	<1	<0.5	0.43	5.4	0.6	0.24
CV827-007	1	<0.5	0.52	5.9	<0.5	0.28
CV827-008	<1	<0.5	0.50	2.3	<0.5	0.32
CV827-009	<1	<0.5	0.68	2.0	<0.5	0.42
CV827-010	<1	<0.5	0.29	0.5	<0.5	0.22
CV827-011	<1	<0.5	0.43	0.5	<0.5	0.30
CV827-012	<1	<0.5	0.06	1.0	<0.5	<0.05
CV827-013	1	<0.5	0.82	1.0	<0.5	0.53
CV827-014	<1	<0.5	0.44	0.4	<0.5	0.24
CV827-015	<1	<0.5	0.55	0.4	<0.5	0.30
CV827-016	<1	0.5	0.56	0.4	<0.5	0.28
CV827-017	<1	<0.5	0.52	0.5	<0.5	0.29
CV827-018	162	27.7	0.43	6.6	3.1	0.16
CV827-019	<1	<0.5	0.65	1.6	<0.5	0.45
CV827-020	<1	<0.5	0.44	0.5	<0.5	0.33
CV827-021	<1	<0.5	0.50	0.3	<0.5	0.29
*Rep CV827-004	2	0.5	0.69	10.3	<0.5	0.39
*Std OREAS 750	42	9.7	0.48	7.0	1.6	0.20
*Std OREAS 553	1	0.5	0.67	5.6	<0.5	0.30
*Std AMIS0341	85	780	0.06	4.9	43.1	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 554	2	0.7	0.61	8.8	0.6	0.30
*Std AMIS0341	86	760	0.06	4.8	42.5	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 753	139	19.2	<0.05	<0.1	3.8	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV827-001	0.36	<1	39.0	4.5	140	-
CV827-002	0.78	2	21.2	2.5	170	-
CV827-003	3.23	<1	19.7	2.3	130	<5
CV827-004	2.66	1	24.2	2.6	197	-
CV827-005	2.62	1	23.9	2.7	192	-
CV827-006	1.29	1	14.6	1.7	121	7
CV827-007	1.39	1	16.5	1.8	136	<5
CV827-008	0.48	3	19.0	2.3	81.8	37
CV827-009	0.42	1	25.0	3.0	83.3	-
CV827-010	0.08	<1	12.6	1.4	23.2	-
CV827-011	0.10	<1	18.3	2.1	37.5	-
CV827-012	0.35	<1	2.1	0.3	29.6	-
CV827-013	0.21	<1	30.9	3.4	86.6	-
CV827-014	0.06	<1	14.6	1.5	45.8	5
CV827-015	0.08	<1	18.5	1.9	51.7	-
CV827-016	0.09	<1	19.3	1.9	50.9	-
CV827-017	0.14	1	19.0	2.0	50.9	6
CV827-018	7.30	8	11.8	1.0	97.9	-
CV827-019	0.36	<1	27.2	3.1	77.3	<5
CV827-020	0.11	<1	18.3	2.1	37.9	-
CV827-021	0.07	<1	17.9	1.9	44.8	13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-827
Project	Corvette
Submission Number	Batch CDM-010
Number of Samples	21

ANALYSIS REPORT BBM25-48785

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Rep CV827-004	2.58	1	24.1	2.7	193	-
*Std OREAS 750	4.26	6	14.1	1.2	103	-
*Std OREAS 553	26.44	1	20.1	1.9	104	-
*Std AMIS0341	13.87	5	2.0	0.2	20.5	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Rep CV827-017	-	-	-	-	-	7
*Std OREAS L14	-	-	-	-	-	3310
*Std OREAS L12	-	-	-	-	-	636
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS 554	13.73	1	19.4	2.1	83.8	-
*Std AMIS0341	13.45	6	1.9	0.1	21.4	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 753	5.94	5	0.7	<0.1	12.1	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM25-48786

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-824	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	05 Apr 2025 - 17 Apr 2025
Submission Number	Batch CDM-009	Date Completed	17 Apr 2025
Number of Samples	30	SGS Order Number	BBM25-48786

Methods Summary

Number of Sample	Method Code	Description
30	G_WGH_KG	Weight of samples received
30	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
30	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
18	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV824-001	2.62	5.36	15	249	<5	2.5
CV824-002	3.26	5.53	<10	167	<5	2.0
CV824-003	4.11	5.98	17	202	<5	2.2
CV824-004	4.06	6.43	523	115	<5	5.9
CV824-005	-	6.33	522	112	<5	5.8
CV824-006	1.28	7.14	4087	112	<5	6.7
CV824-007	3.71	6.28	591	160	<5	6.8
CV824-008	1.29	6.98	1485	102	<5	5.1
CV824-009	3.39	5.74	17	290	<5	1.7
CV824-010	1.21	6.33	18	90	<5	6.9
CV824-011	3.84	7.18	2478	271	<5	7.2
CV824-012	0.51	0.21	12	16	<5	<0.1
CV824-013	3.80	6.93	24	96	<5	6.9
CV824-014	2.47	6.62	122	680	<5	4.9
CV824-015	2.45	6.41	11	59	<5	7.6
CV824-016	2.91	6.25	106	194	<5	6.9
CV824-017	2.17	5.01	12	136	<5	4.8
CV824-018	0.02	8.59	16	17	118	<0.1
CV824-019	3.76	6.93	68	159	<5	6.6
CV824-020	3.98	5.88	53	195	<5	7.0
CV824-021	1.80	4.73	113	105	<5	4.7
CV824-022	3.45	7.65	4291	180	7	7.4
CV824-023	2.46	5.94	32	250	<5	7.9
CV824-024	4.28	5.65	25	230	<5	4.6
CV824-025	3.50	7.22	59	258	<5	2.9
CV824-026	1.20	5.82	140	178	<5	3.4
CV824-027	3.76	7.30	15	157	<5	6.2
CV824-028	3.50	6.71	3760	79	<5	6.8
CV824-029	3.95	7.06	304	112	<5	7.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV824-030	-	7.12	302	113	<5	7.0
*Std OREAS 750	-	5.58	15	426	39	0.8
*Rep CV824-015	-	6.37	12	58	<5	7.5
*Std OREAS 553	-	2.93	312	323	<5	5.4
*Std AMIS0341	-	8.66	433	153	213	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV824-001	256	50	5.20	0.8	36	0.45
CV824-002	237	<10	5.56	0.5	23	0.63
CV824-003	237	11	5.59	0.6	31	0.78
CV824-004	206	71	13.26	0.5	48	3.79
CV824-005	209	75	13.02	0.5	47	3.72
CV824-006	214	125	13.27	0.5	20	3.55
CV824-007	166	98	12.96	0.6	26	3.82
CV824-008	157	82	13.42	0.3	17	3.56
CV824-009	205	11	5.69	0.6	40	0.83
CV824-010	200	71	12.44	0.3	36	2.20
CV824-011	156	78	14.70	0.5	40	3.37
CV824-012	639	<10	0.56	<0.1	<10	0.02
CV824-013	251	76	13.56	0.3	30	2.58
CV824-014	203	92	10.01	0.7	58	2.26
CV824-015	179	56	13.39	0.1	20	2.50
CV824-016	157	96	13.14	0.5	52	2.76

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV824-017	207	88	9.37	0.3	58	2.03
CV824-018	31	20	0.89	2.0	10113	0.01
CV824-019	217	56	13.70	0.2	21	2.29
CV824-020	137	96	15.92	0.3	24	2.58
CV824-021	287	90	9.69	0.5	29	2.62
CV824-022	286	119	12.94	0.6	31	3.43
CV824-023	223	100	12.41	1.2	44	3.58
CV824-024	335	84	9.71	1.4	58	3.23
CV824-025	224	<10	3.66	2.3	42	0.59
CV824-026	241	157	6.07	0.5	18	1.71
CV824-027	200	103	8.28	0.4	22	2.52
CV824-028	449	401	14.25	0.5	34	3.26
CV824-029	372	115	11.62	0.7	40	3.39
CV824-030	365	118	11.74	0.6	39	3.42
*Std OREAS 750	29	18	1.74	1.8	2400	0.33
*Rep CV824-015	196	57	13.27	0.1	20	2.45
*Std OREAS 553	39	5771	1.27	0.7	99	5.53
*Std AMIS0341	434	46	0.95	2.8	4909	0.22
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV824-001	850	14	0.07	1.04	13	>30.0
CV824-002	933	6	0.08	0.12	13	>30.0
CV824-003	923	13	0.08	0.28	14	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV824-004	2091	53	0.14	0.43	45	23.0
CV824-005	2053	60	0.14	0.43	44	22.5
CV824-006	2077	55	0.14	1.14	57	21.4
CV824-007	2212	55	0.11	0.62	49	22.2
CV824-008	2153	35	0.10	0.26	46	23.0
CV824-009	869	<5	0.09	0.27	14	>30.0
CV824-010	3322	74	0.09	0.49	43	22.2
CV824-011	4140	50	0.13	0.73	49	18.9
CV824-012	39	11	<0.01	<0.01	<5	>30.0
CV824-013	3312	59	0.10	0.16	44	21.6
CV824-014	2778	36	0.09	0.23	33	25.9
CV824-015	4567	56	0.09	0.10	42	20.9
CV824-016	4343	64	0.09	0.16	41	20.5
CV824-017	2981	42	0.07	0.32	32	25.7
CV824-018	754	28	0.11	0.02	<5	>30.0
CV824-019	4351	71	0.09	0.21	46	23.3
CV824-020	5397	54	0.10	0.80	41	21.3
CV824-021	3036	65	0.02	0.48	29	27.4
CV824-022	4284	87	0.03	1.01	46	19.5
CV824-023	4751	68	0.02	1.35	35	20.8
CV824-024	2616	72	0.07	2.62	29	24.2
CV824-025	786	14	0.07	0.02	10	29.5
CV824-026	1032	31	0.05	0.25	20	29.3
CV824-027	2371	56	0.09	0.08	49	25.3
CV824-028	2657	160	0.04	2.02	34	21.0
CV824-029	2716	115	0.04	0.19	46	23.2
CV824-030	2726	110	0.04	0.19	46	23.5
*Std OREAS 750	399	15	0.07	0.07	<5	>30.0
*Rep CV824-015	4528	147	0.09	0.10	42	21.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std OREAS 553	1598	26	0.05	0.28	7	25.4
*Std AMIS0341	1713	23	0.28	0.03	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-001	113	0.42	20	97	<1	102
CV824-002	110	0.42	15	105	<1	9
CV824-003	109	0.44	31	109	<1	5
CV824-004	85	1.47	412	153	<1	51
CV824-005	85	1.44	407	151	<1	36
CV824-006	103	1.19	448	152	<1	<5
CV824-007	80	1.14	440	163	<1	13
CV824-008	120	1.39	420	157	<1	24
CV824-009	91	0.45	18	117	<1	<5
CV824-010	88	1.09	375	187	<1	49
CV824-011	145	1.48	472	182	<1	709
CV824-012	<10	0.01	7	7	<1	<5
CV824-013	136	1.27	397	139	<1	83
CV824-014	90	0.90	271	123	<1	6
CV824-015	99	1.10	374	125	<1	27
CV824-016	87	1.09	364	124	<1	93
CV824-017	52	0.83	287	83	<1	44
CV824-018	27	<0.01	<5	88	<1	5
CV824-019	136	1.29	454	140	<1	42

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-020	108	1.27	448	153	<1	46
CV824-021	23	0.32	184	91	<1	25
CV824-022	118	0.47	301	138	<1	20
CV824-023	67	0.38	220	92	<1	38
CV824-024	66	0.59	225	168	<1	51
CV824-025	83	0.35	37	72	<1	<5
CV824-026	101	0.50	152	105	<1	<5
CV824-027	154	1.27	463	153	<1	39
CV824-028	89	0.43	257	616	<1	79
CV824-029	88	0.73	342	144	<1	53
CV824-030	87	0.74	343	145	<1	53
*Std OREAS 750	71	0.16	28	65	<1	14
*Rep CV824-015	100	1.09	371	125	<1	28
*Std OREAS 553	54	0.20	76	51	<1	8
*Std AMIS0341	63	0.01	6	116	<1	24
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-001	0.2	<0.2	74.4	8.6	9.1	16.66
CV824-002	<0.1	<0.2	76.9	7.4	7.2	17.85
CV824-003	<0.1	<0.2	75.2	9.4	13.7	15.10
CV824-004	0.3	0.2	25.6	55.2	48.7	8.05
CV824-005	0.3	0.3	25.2	52.4	48.2	7.84
CV824-006	1.1	0.2	22.6	53.6	3.8	7.67

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-007	0.3	0.3	18.9	53.9	5.4	7.09
CV824-008	0.1	<0.2	22.5	52.2	14.7	7.81
CV824-009	<0.1	<0.2	75.5	9.2	10.9	17.47
CV824-010	<0.1	0.3	20.9	53.0	4.6	6.96
CV824-011	0.2	<0.2	29.4	52.9	4.5	9.56
CV824-012	<0.1	<0.2	3.8	1.1	0.4	0.44
CV824-013	<0.1	<0.2	22.0	58.9	3.4	7.07
CV824-014	<0.1	<0.2	37.3	36.1	29.7	7.39
CV824-015	<0.1	<0.2	21.8	52.3	1.5	7.29
CV824-016	0.1	<0.2	21.1	55.3	3.9	7.01
CV824-017	0.1	<0.2	16.9	40.8	6.7	5.63
CV824-018	2.4	1.7	0.8	1.1	62.2	0.14
CV824-019	<0.1	0.2	22.6	57.5	3.1	7.61
CV824-020	0.2	0.3	25.8	60.3	2.8	8.44
CV824-021	0.2	<0.2	6.7	40.2	2.4	2.18
CV824-022	0.5	0.3	9.1	50.8	3.1	3.21
CV824-023	0.1	<0.2	8.7	41.8	6.1	2.74
CV824-024	0.5	<0.2	24.0	39.9	6.3	4.14
CV824-025	<0.1	<0.2	44.4	9.4	10.7	3.87
CV824-026	<0.1	<0.2	49.9	23.7	4.1	6.91
CV824-027	<0.1	<0.2	23.1	50.1	7.2	7.30
CV824-028	0.5	1.1	10.2	56.5	4.3	3.11
CV824-029	0.1	0.3	13.4	57.1	8.4	4.67
CV824-030	0.1	0.2	13.3	56.8	8.7	4.75
*Std OREAS 750	1.1	0.6	34.3	4.1	22.3	2.71
*Rep CV824-015	<0.1	<0.2	22.0	54.0	1.1	7.35
*Std OREAS 553	2.7	<0.2	56.3	6502	0.9	3.66
*Std AMIS0341	26.6	<0.2	1.1	4.0	467	0.25
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-001	11.48	2.88	17	14.82	1	13
CV824-002	12.14	2.95	22	15.50	2	13
CV824-003	10.69	2.63	21	13.79	1	12
CV824-004	5.42	2.10	23	7.37	3	5
CV824-005	5.17	2.01	23	7.13	3	5
CV824-006	5.17	2.02	24	6.84	5	5
CV824-007	4.73	1.75	21	6.22	5	4
CV824-008	5.17	1.74	22	6.69	3	4
CV824-009	11.97	2.92	22	15.73	1	14
CV824-010	4.91	1.62	21	6.23	2	4
CV824-011	6.30	1.99	27	8.39	2	5
CV824-012	0.29	0.06	<1	0.34	1	1
CV824-013	4.66	1.69	23	6.31	2	4
CV824-014	4.98	1.63	21	6.75	2	5
CV824-015	4.96	1.57	21	6.26	2	4
CV824-016	4.70	1.58	21	6.29	2	4
CV824-017	3.72	1.16	16	4.89	1	3
CV824-018	<0.05	<0.05	16	0.13	7	1
CV824-019	5.18	1.68	22	6.80	2	4
CV824-020	5.72	1.93	24	7.42	2	4
CV824-021	1.57	0.53	13	1.80	2	1
CV824-022	2.20	0.77	22	2.62	6	1
CV824-023	1.90	0.65	14	2.22	2	1
CV824-024	2.77	1.15	16	3.76	1	3
CV824-025	2.57	1.00	18	4.02	1	5
CV824-026	4.64	1.50	17	6.29	2	6
CV824-027	4.93	1.69	24	6.55	2	4
CV824-028	2.06	0.81	21	2.79	2	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-029	3.21	1.08	20	4.13	2	2
CV824-030	3.37	1.08	21	4.26	2	2
*Std OREAS 750	1.36	0.66	13	3.20	3	4
*Rep CV824-015	4.88	1.59	21	6.32	2	4
*Std OREAS 553	2.17	0.93	9	4.29	1	3
*Std AMIS0341	0.14	<0.05	46	0.27	9	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-001	3.59	<0.2	32.0	1.69	<2	15
CV824-002	3.88	<0.2	33.3	1.82	<2	16
CV824-003	3.37	<0.2	33.7	1.55	3	16
CV824-004	1.77	<0.2	10.5	0.76	<2	5
CV824-005	1.71	<0.2	10.2	0.74	<2	5
CV824-006	1.69	<0.2	8.8	0.77	<2	7
CV824-007	1.52	<0.2	7.4	0.65	<2	4
CV824-008	1.61	<0.2	9.0	0.70	<2	5
CV824-009	3.82	<0.2	32.8	1.68	<2	16
CV824-010	1.54	<0.2	8.6	0.70	<2	4
CV824-011	2.00	<0.2	11.9	0.88	<2	7
CV824-012	0.10	<0.2	2.1	<0.05	<2	<1
CV824-013	1.51	<0.2	8.8	0.65	<2	5
CV824-014	1.59	<0.2	16.5	0.69	<2	6
CV824-015	1.56	<0.2	8.8	0.69	<2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-016	1.54	<0.2	8.8	0.67	<2	4
CV824-017	1.18	<0.2	6.9	0.51	<2	3
CV824-018	<0.05	<0.2	0.4	<0.05	3	35
CV824-019	1.65	<0.2	9.2	0.72	<2	5
CV824-020	1.84	<0.2	10.7	0.82	<2	5
CV824-021	0.49	<0.2	2.7	0.23	<2	<1
CV824-022	0.70	<0.2	3.7	0.31	<2	1
CV824-023	0.59	<0.2	3.9	0.27	<2	<1
CV824-024	0.87	<0.2	10.7	0.41	6	9
CV824-025	0.80	<0.2	21.5	0.37	<2	6
CV824-026	1.50	<0.2	23.2	0.64	<2	7
CV824-027	1.56	<0.2	9.5	0.66	<2	5
CV824-028	0.69	<0.2	4.5	0.28	<2	1
CV824-029	1.06	<0.2	5.5	0.47	<2	3
CV824-030	1.04	<0.2	5.3	0.46	<2	3
*Std OREAS 750	0.50	<0.2	17.2	0.17	2	20
*Rep CV824-015	1.56	<0.2	8.8	0.68	<2	5
*Std OREAS 553	0.71	<0.2	33.4	0.28	3	7
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	4	123
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-001	46.3	5	9.65	22.2	0.3	12.7
CV824-002	48.1	<5	9.93	13.3	0.3	13.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-003	45.9	6	9.65	19.1	0.2	12.1
CV824-004	19.1	<5	3.64	36.8	0.5	5.7
CV824-005	19.0	<5	3.61	36.3	0.4	5.8
CV824-006	17.3	7	3.19	22.4	0.6	5.3
CV824-007	15.1	<5	2.81	33.4	0.4	4.7
CV824-008	16.8	<5	3.25	10.5	0.4	5.3
CV824-009	47.4	<5	9.81	18.2	0.1	13.2
CV824-010	15.3	<5	2.92	15.3	0.8	4.9
CV824-011	21.5	<5	4.14	17.5	0.6	6.5
CV824-012	1.7	<5	0.43	2.6	0.1	0.4
CV824-013	16.9	<5	3.15	10.9	1.0	5.2
CV824-014	22.0	<5	4.76	29.6	0.3	5.9
CV824-015	16.0	<5	3.06	6.0	0.4	4.7
CV824-016	15.6	<5	2.99	15.6	0.4	4.7
CV824-017	12.4	<5	2.37	14.0	0.4	3.8
CV824-018	0.3	13	0.09	658	0.2	0.1
CV824-019	16.2	<5	3.13	6.9	0.4	5.0
CV824-020	18.4	<5	3.59	8.1	0.6	5.6
CV824-021	4.5	<5	0.91	23.1	0.4	1.4
CV824-022	6.3	<5	1.25	38.4	0.4	2.0
CV824-023	5.7	<5	1.13	48.3	1.0	1.6
CV824-024	13.8	20	3.03	62.7	0.7	3.4
CV824-025	20.5	<5	4.99	70.1	0.1	4.1
CV824-026	25.2	6	5.85	22.3	0.2	6.0
CV824-027	17.0	<5	3.26	16.0	0.3	5.1
CV824-028	7.2	<5	1.40	20.9	0.4	2.2
CV824-029	10.3	<5	1.99	29.1	0.4	3.2
CV824-030	10.0	<5	1.90	30.3	0.3	3.3
*Std OREAS 750	16.0	16	3.96	254	0.4	3.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Rep CV824-015	15.9	<5	3.03	6.1	0.5	4.8
*Std OREAS 553	24.8	15	6.29	26.0	0.4	4.7
*Std AMIS0341	0.6	14	0.12	4223	13.2	0.2
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-001	2	1.0	2.54	5.8	<0.5	1.65
CV824-002	2	1.0	2.75	6.1	<0.5	1.77
CV824-003	2	1.0	2.40	6.2	<0.5	1.53
CV824-004	15	<0.5	1.26	1.4	<0.5	0.74
CV824-005	15	<0.5	1.23	1.3	<0.5	0.73
CV824-006	57	<0.5	1.16	1.0	<0.5	0.73
CV824-007	42	<0.5	1.04	0.9	<0.5	0.66
CV824-008	3	<0.5	1.23	2.1	<0.5	0.72
CV824-009	3	1.1	2.71	6.1	<0.5	1.72
CV824-010	<1	<0.5	1.06	1.3	<0.5	0.69
CV824-011	1	<0.5	1.46	1.7	<0.5	0.89
CV824-012	<1	<0.5	0.07	0.9	<0.5	<0.05
CV824-013	<1	<0.5	1.07	1.2	<0.5	0.65
CV824-014	1	<0.5	1.15	3.0	<0.5	0.69
CV824-015	<1	<0.5	1.06	1.2	<0.5	0.71
CV824-016	<1	<0.5	1.10	1.1	<0.5	0.66
CV824-017	1	<0.5	0.83	0.9	<0.5	0.51
CV824-018	136	19.7	<0.05	0.3	3.9	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number CV25-824
Project Corvette
Submission Number Batch CDM-009
Number of Samples 30

ANALYSIS REPORT BBM25-48786

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV824-019	1	<0.5	1.17	1.1	<0.5	0.73
CV824-020	1	<0.5	1.25	1.3	<0.5	0.81
CV824-021	4	<0.5	0.33	0.4	<0.5	0.23
CV824-022	78	<0.5	0.47	0.5	<0.5	0.32
CV824-023	<1	<0.5	0.39	0.4	<0.5	0.28
CV824-024	<1	<0.5	0.62	7.7	<0.5	0.41
CV824-025	1	<0.5	0.64	4.0	<0.5	0.36
CV824-026	2	0.5	1.06	4.7	<0.5	0.65
CV824-027	<1	<0.5	1.14	1.2	<0.5	0.70
CV824-028	2	<0.5	0.47	0.8	<0.5	0.30
CV824-029	2	<0.5	0.72	0.7	<0.5	0.46
CV824-030	2	<0.5	0.75	0.7	<0.5	0.46
*Std OREAS 750	42	9.7	0.48	7.0	1.6	0.20
*Rep CV824-015	<1	<0.5	1.09	1.1	<0.5	0.70
*Std OREAS 553	1	0.5	0.67	5.6	<0.5	0.30
*Std AMIS0341	85	780	0.06	4.9	43.1	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV824-001	1.59	4	95.6	11.2	433	6
CV824-002	1.63	<1	106	11.9	454	-
CV824-003	1.68	2	90.2	10.4	418	<5
CV824-004	0.31	1	45.9	5.0	166	6
CV824-005	0.32	1	45.5	4.9	166	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV824-006	0.32	3	44.2	5.0	157	18
CV824-007	0.22	2	39.9	4.4	148	-
CV824-008	0.27	<1	43.1	4.8	126	<5
CV824-009	1.59	<1	104	11.4	457	6
CV824-010	0.29	3	42.2	4.7	124	36
CV824-011	0.40	2	53.8	6.1	168	<5
CV824-012	0.34	<1	2.8	0.3	32.0	-
CV824-013	0.25	2	40.1	4.4	135	-
CV824-014	0.72	<1	42.2	4.6	171	<5
CV824-015	0.30	<1	43.4	4.6	122	<5
CV824-016	0.28	1	41.4	4.3	120	-
CV824-017	0.22	2	32.5	3.5	94.2	6
CV824-018	6.07	5	0.8	<0.1	10.8	-
CV824-019	0.28	1	44.1	5.0	123	-
CV824-020	0.33	12	49.1	5.4	135	<5
CV824-021	0.09	1	13.1	1.5	29.8	6
CV824-022	0.11	<1	19.0	2.1	42.0	7
CV824-023	0.11	2	17.0	1.9	35.3	7
CV824-024	1.31	3	24.0	2.7	86.7	16
CV824-025	1.00	5	23.1	2.4	177	-
CV824-026	1.14	<1	41.0	4.5	171	<5
CV824-027	0.28	2	41.2	4.6	130	-
CV824-028	0.21	7	18.2	2.0	52.4	12
CV824-029	0.17	2	27.8	2.9	73.6	-
CV824-030	0.19	2	28.4	3.0	74.0	-
*Std OREAS L14	-	-	-	-	-	3310
*Std OREAS L12	-	-	-	-	-	636
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS 750	4.26	6	14.1	1.2	103	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	CV25-824
Project	Corvette
Submission Number	Batch CDM-009
Number of Samples	30

ANALYSIS REPORT BBM25-48786

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Rep CV824-015	0.30	<1	43.4	4.6	126	-
*Std OREAS 553	26.44	1	20.1	1.9	104	-
*Std AMIS0341	13.87	5	2.0	0.2	20.5	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-829	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	05 Apr 2025 - 09 May 2025
Submission Number	Batch CDM-011	Date Completed	09 May 2025
Number of Samples	22	SGS Order Number	BBM25-48791

Methods Summary

Number of Samples	Method Code	Description
22	G_WGH_KG	Weight of samples received
22	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
22	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
10	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV829-001	1.36	5.25	957	308	<5	6.9
CV829-002	3.82	7.83	25	1559	<5	8.8
CV829-003	3.86	6.87	126	319	<5	7.6
CV829-004	1.86	4.42	4293	34	<5	4.8
CV829-005	-	3.85	4191	26	<5	3.8
CV829-006	3.97	6.17	83	213	<5	6.8
CV829-007	3.17	5.70	759	151	<5	7.4
CV829-008	2.80	5.45	2764	82	<5	7.4
CV829-009	3.82	6.00	1114	318	<5	7.3
CV829-010	2.96	6.60	7003	40	<5	5.5
CV829-011	3.08	5.45	2057	79	<5	5.7
CV829-012	0.51	0.22	23	16	<5	<0.1
CV829-013	5.47	8.24	>10000	69	<5	7.4
CV829-014	5.41	6.95	3402	75	<5	7.7
CV829-015	3.91	7.18	236	413	<5	7.5
CV829-016	3.77	7.34	16	96	<5	8.2
CV829-017	3.64	7.66	219	386	<5	7.2
CV829-018	0.02	8.27	24	399	102	0.8
CV829-019	4.61	7.80	8346	134	<5	7.3
CV829-020	1.16	8.45	3753	227	<5	0.5
CV829-021	3.45	6.81	56	364	<5	1.3
CV829-022	3.66	8.50	97	346	<5	5.0
*Std OREAS 550	-	2.75	222	355	<5	6.6
*Std OREAS 753	-	8.52	16	20	120	0.1
*Std AMIS0341	-	8.37	428	151	212	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV829-008	-	5.51	2653	90	<5	7.5
*Rep CV829-014	-	6.98	3451	76	<5	7.7
*Std OREAS 149	-	7.63	33	2725	26	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV829-001	1543	406	17.75	0.5	34	3.96
CV829-002	560	110	5.66	1.0	47	4.67
CV829-003	462	43	7.57	0.4	23	4.91
CV829-004	371	262	8.68	0.1	17	2.01
CV829-005	349	280	7.05	0.1	14	1.57
CV829-006	201	122	13.01	0.3	43	3.15
CV829-007	151	407	16.20	0.2	32	3.13
CV829-008	128	626	15.86	0.2	23	3.24
CV829-009	147	174	12.15	0.7	57	3.27
CV829-010	236	322	11.80	0.2	26	2.91
CV829-011	224	182	10.17	0.2	25	2.65
CV829-012	447	<10	0.49	0.1	<10	0.02
CV829-013	277	480	14.78	0.2	31	3.19
CV829-014	201	273	15.03	0.3	38	3.30
CV829-015	186	124	11.28	0.4	48	3.62
CV829-016	393	184	10.88	0.4	39	3.16
CV829-017	595	128	8.07	0.2	34	4.93
CV829-018	40	30	1.65	2.5	4773	0.29
CV829-019	935	50	8.20	0.3	26	5.74
CV829-020	335	50	3.10	1.0	57	3.51
CV829-021	238	14	2.10	2.3	34	0.87

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV829-022	386	70	6.52	1.2	35	3.19
*Std OREAS 550	41	2707	1.29	0.6	109	6.24
*Std OREAS 753	28	20	0.87	2.0	10484	0.01
*Std AMIS0341	443	51	0.91	2.8	4999	0.21
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV829-008	119	631	15.97	0.2	24	3.28
*Rep CV829-014	198	272	15.00	0.3	39	3.30
*Std OREAS 149	100	319	4.18	1.4	10298	0.54
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV829-001	7934	159	0.04	1.42	30	18.7
CV829-002	1705	198	0.01	0.02	37	22.7
CV829-003	2180	169	0.02	0.02	40	24.0
CV829-004	3164	31	0.03	0.79	26	28.5
CV829-005	3348	29	0.02	0.70	19	27.8
CV829-006	4889	47	0.04	0.21	41	22.7
CV829-007	8662	45	0.04	2.05	36	20.1
CV829-008	6969	41	0.04	2.47	38	20.0
CV829-009	4219	49	0.04	0.30	43	22.2
CV829-010	3276	52	0.03	1.59	38	22.9
CV829-011	3590	37	0.03	0.54	34	25.4
CV829-012	35	11	<0.01	<0.01	<5	>30.0
CV829-013	3801	51	0.05	2.64	41	17.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV829-014	5329	48	0.05	1.10	40	20.2
CV829-015	4927	73	0.04	0.22	45	22.1
CV829-016	2927	87	0.02	0.25	49	22.2
CV829-017	1765	100	0.01	0.06	48	23.9
CV829-018	654	16	0.13	0.06	<5	>30.0
CV829-019	1492	133	0.01	0.02	51	21.7
CV829-020	273	87	0.05	0.06	7	29.6
CV829-021	367	9	0.02	0.03	7	>30.0
CV829-022	1242	65	0.02	0.08	40	26.2
*Std OREAS 550	1228	17	0.03	0.21	6	25.3
*Std OREAS 753	769	15	0.11	0.01	<5	>30.0
*Std AMIS0341	1701	25	0.28	0.02	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Rep CV829-008	6944	38	0.04	2.32	36	20.5
*Rep CV829-014	5320	46	0.05	1.11	40	20.2
*Std OREAS 149	440	34	0.10	0.03	7	29.7
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-001	46	0.68	264	110	<1	51
CV829-002	225	0.27	187	49	<1	7
CV829-003	137	0.48	265	71	<1	64
CV829-004	67	0.41	229	75	<1	<5
CV829-005	63	0.32	184	60	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-006	77	0.67	319	124	<1	<5
CV829-007	62	0.61	286	107	<1	<5
CV829-008	60	0.60	281	105	<1	<5
CV829-009	88	0.66	318	125	<1	6
CV829-010	141	0.65	302	102	<1	8
CV829-011	111	0.60	260	106	<1	10
CV829-012	<10	0.01	7	5	<1	<5
CV829-013	135	0.72	339	113	<1	<5
CV829-014	70	0.68	318	133	<1	<5
CV829-015	116	0.62	309	138	<1	15
CV829-016	91	0.37	273	94	<1	<5
CV829-017	156	0.26	225	97	<1	<5
CV829-018	80	0.14	25	92	<1	10
CV829-019	210	0.28	241	105	<1	6
CV829-020	237	0.26	61	71	<1	14
CV829-021	69	0.16	22	52	<1	<5
CV829-022	250	0.34	206	55	<1	14
*Std OREAS 550	55	0.18	56	42	<1	6
*Std OREAS 753	29	<0.01	<5	87	<1	5
*Std AMIS0341	63	0.01	6	110	<1	23
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV829-008	62	0.61	268	104	<1	<5
*Rep CV829-014	73	0.68	318	132	<1	<5
*Std OREAS 149	216	0.36	73	345	<1	151
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-001	0.4	<0.2	12.3	54.6	89.3	5.36
CV829-002	<0.1	<0.2	3.5	42.0	12.1	1.81
CV829-003	<0.1	<0.2	6.4	57.0	16.3	3.11
CV829-004	0.3	<0.2	7.6	33.6	1.6	3.28
CV829-005	0.3	<0.2	5.8	26.3	2.4	2.67
CV829-006	0.2	<0.2	12.8	52.4	45.6	5.45
CV829-007	0.9	<0.2	12.6	50.9	7.6	5.76
CV829-008	0.8	<0.2	13.4	48.8	3.5	5.41
CV829-009	0.3	<0.2	13.4	46.2	10.0	5.04
CV829-010	2.9	<0.2	12.1	63.1	1.2	4.75
CV829-011	1.0	<0.2	12.4	47.0	2.0	4.86
CV829-012	<0.1	<0.2	4.4	1.0	0.6	0.46
CV829-013	0.6	<0.2	12.2	58.7	6.5	4.71
CV829-014	0.3	<0.2	11.9	49.9	17.8	4.86
CV829-015	0.2	0.2	11.5	55.3	17.1	4.61
CV829-016	<0.1	<0.2	6.6	53.8	5.3	3.69
CV829-017	<0.1	<0.2	4.6	45.7	16.2	2.21
CV829-018	1.8	1.2	30.9	3.7	47.6	2.35
CV829-019	7.3	<0.2	4.6	50.8	10.5	2.38
CV829-020	<0.1	<0.2	25.4	14.9	437	0.92
CV829-021	0.1	<0.2	67.1	4.5	8.7	4.42
CV829-022	<0.1	<0.2	10.8	35.4	26.6	2.18
*Std OREAS 550	1.5	<0.2	38.9	1471	0.5	3.69
*Std OREAS 753	2.5	1.7	0.8	0.9	63.2	0.19
*Std AMIS0341	23.6	<0.2	1.1	3.8	464	0.25
*Blk BLANK	<0.1	<0.2	0.1	<0.5	0.2	<0.05
*Rep CV829-008	0.8	<0.2	12.9	48.9	6.0	5.41
*Rep CV829-014	0.3	<0.2	12.2	49.6	18.7	5.01
*Std OREAS 149	49.8	1.0	429	8.2	351	4.41

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.1	<0.05

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-001	3.17	1.10	19	4.61	3	2
CV829-002	1.12	0.43	14	1.66	2	<1
CV829-003	1.81	0.75	16	2.60	2	1
CV829-004	2.26	0.65	13	2.73	2	1
CV829-005	1.84	0.46	11	1.96	2	<1
CV829-006	3.60	1.11	19	4.66	2	2
CV829-007	4.07	0.97	18	4.57	3	2
CV829-008	3.72	1.05	17	4.48	3	2
CV829-009	3.21	1.15	18	4.42	2	2
CV829-010	3.01	0.86	19	4.10	2	2
CV829-011	3.11	0.99	17	4.02	2	2
CV829-012	0.28	0.06	<1	0.38	1	1
CV829-013	3.11	1.00	23	4.27	3	2
CV829-014	3.32	1.00	20	4.30	3	2
CV829-015	3.27	1.04	19	4.19	2	2
CV829-016	2.82	0.67	16	3.02	1	1
CV829-017	1.69	0.50	13	1.81	2	<1
CV829-018	1.26	0.59	20	3.02	5	4
CV829-019	1.74	0.46	16	1.84	3	1
CV829-020	0.50	0.62	22	1.62	1	3
CV829-021	2.72	0.86	17	4.94	1	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-022	1.58	0.61	17	1.92	2	2
*Std OREAS 550	1.90	0.85	7	4.21	<1	3
*Std OREAS 753	0.05	<0.05	16	0.16	7	1
*Std AMIS0341	0.14	<0.05	44	0.25	9	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV829-008	3.69	1.11	17	4.45	3	2
*Rep CV829-014	3.44	1.03	20	4.29	3	2
*Std OREAS 149	1.98	4.45	50	9.65	7	6
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-001	1.04	<0.2	4.5	0.42	<2	3
CV829-002	0.36	<0.2	1.4	0.14	<2	<1
CV829-003	0.63	<0.2	2.3	0.23	<2	2
CV829-004	0.72	<0.2	3.1	0.33	<2	1
CV829-005	0.57	<0.2	2.4	0.29	<2	<1
CV829-006	1.19	<0.2	5.1	0.52	<2	3
CV829-007	1.30	<0.2	5.2	0.62	<2	2
CV829-008	1.17	<0.2	5.6	0.53	<2	3
CV829-009	1.08	<0.2	5.2	0.49	<2	3
CV829-010	1.03	<0.2	4.8	0.46	<2	2
CV829-011	1.02	<0.2	4.9	0.46	<2	2
CV829-012	0.09	<0.2	2.3	<0.05	<2	<1
CV829-013	1.01	<0.2	5.1	0.43	<2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-014	1.07	<0.2	4.7	0.48	<2	3
CV829-015	1.02	<0.2	4.5	0.46	<2	3
CV829-016	0.86	<0.2	2.9	0.44	<2	<1
CV829-017	0.50	<0.2	2.1	0.25	<2	<1
CV829-018	0.43	<0.2	15.4	0.16	3	40
CV829-019	0.54	<0.2	2.2	0.26	<2	<1
CV829-020	0.18	<0.2	12.8	0.06	<2	1
CV829-021	0.93	<0.2	34.5	0.41	<2	8
CV829-022	0.48	<0.2	5.0	0.23	<2	2
*Std OREAS 550	0.67	<0.2	21.5	0.24	<2	8
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	120
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV829-008	1.16	<0.2	5.1	0.54	<2	3
*Rep CV829-014	1.08	<0.2	5.0	0.49	<2	3
*Std OREAS 149	0.76	11.6	265	0.21	11	6531
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-001	10.6	<5	2.03	45.5	0.9	3.6
CV829-002	3.1	<5	0.56	37.4	0.8	1.2
CV829-003	5.9	<5	1.05	9.2	0.5	2.1
CV829-004	5.6	<5	1.14	1.3	0.4	1.9
CV829-005	4.2	<5	0.84	0.8	0.3	1.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-006	9.9	<5	1.97	14.5	0.6	3.4
CV829-007	9.4	<5	1.84	5.1	0.7	3.2
CV829-008	10.4	<5	2.02	2.7	0.6	3.3
CV829-009	10.1	<5	1.90	25.7	0.5	3.2
CV829-010	9.3	<5	1.81	1.9	0.5	3.1
CV829-011	9.4	<5	1.90	4.6	0.5	3.0
CV829-012	1.9	<5	0.53	2.9	0.2	0.4
CV829-013	9.6	<5	1.81	5.9	0.4	3.0
CV829-014	9.6	<5	1.82	9.2	0.7	3.0
CV829-015	9.5	<5	1.74	16.5	0.6	3.1
CV829-016	5.5	<5	1.00	10.0	0.5	1.8
CV829-017	3.3	<5	0.66	7.9	0.4	1.2
CV829-018	15.2	22	3.73	510	0.5	3.3
CV829-019	3.4	<5	0.65	15.6	0.3	1.2
CV829-020	13.2	9	3.12	75.6	0.1	2.3
CV829-021	29.6	14	7.87	71.9	0.2	5.4
CV829-022	6.1	6	1.43	39.3	0.4	1.6
*Std OREAS 550	19.1	15	4.79	21.8	0.3	4.2
*Std OREAS 753	0.3	13	0.08	658	0.2	0.2
*Std AMIS0341	0.6	14	0.14	4079	12.1	0.2
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1
*Rep CV829-008	10.2	<5	2.01	3.4	0.6	3.4
*Rep CV829-014	9.8	<5	1.82	9.3	0.6	3.1
*Std OREAS 149	154	39	47.68	819	28.5	19.5
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV829-001	2	<0.5	0.81	0.5	<0.5	0.44
CV829-002	<1	<0.5	0.28	0.1	<0.5	0.14
CV829-003	<1	<0.5	0.47	0.3	<0.5	0.25
CV829-004	3	<0.5	0.48	0.3	<0.5	0.34
CV829-005	2	<0.5	0.37	0.2	<0.5	0.28
CV829-006	1	<0.5	0.82	0.7	<0.5	0.52
CV829-007	3	<0.5	0.84	0.6	<0.5	0.59
CV829-008	4	<0.5	0.77	0.7	<0.5	0.52
CV829-009	3	<0.5	0.75	0.7	<0.5	0.47
CV829-010	2	<0.5	0.73	0.6	<0.5	0.46
CV829-011	1	<0.5	0.71	0.6	<0.5	0.45
CV829-012	<1	<0.5	0.06	1.3	<0.5	0.05
CV829-013	8	<0.5	0.69	1.0	<0.5	0.44
CV829-014	5	<0.5	0.72	0.8	<0.5	0.46
CV829-015	1	<0.5	0.73	0.7	<0.5	0.45
CV829-016	<1	<0.5	0.55	0.5	<0.5	0.41
CV829-017	<1	<0.5	0.32	0.3	<0.5	0.25
CV829-018	162	30.3	0.45	6.3	3.1	0.18
CV829-019	6	<0.5	0.35	0.6	<0.5	0.24
CV829-020	<1	<0.5	0.19	2.5	0.7	0.07
CV829-021	2	0.7	0.74	10.8	<0.5	0.40
CV829-022	<1	<0.5	0.34	1.6	<0.5	0.23
*Std OREAS 550	2	0.6	0.62	5.3	<0.5	0.26
*Std OREAS 753	140	20.2	<0.05	0.3	3.9	<0.05
*Std AMIS0341	86	715	0.05	5.6	40.3	<0.05
*Blk BLANK	<1	<0.5	<0.05	0.2	<0.5	<0.05
*Rep CV829-008	4	<0.5	0.77	0.7	<0.5	0.53
*Rep CV829-014	5	<0.5	0.72	0.7	<0.5	0.50
*Std OREAS 149	3431	29.6	1.07	118	7.5	0.23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	1	<0.5	<0.05	<0.1	<0.5	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV829-001	0.14	<1	26.7	2.8	75.4	17
CV829-002	<0.05	<1	9.3	1.0	22.2	-
CV829-003	0.06	<1	15.1	1.6	43.4	-
CV829-004	0.09	<1	19.8	2.2	42.3	17
CV829-005	0.07	<1	15.9	2.0	29.8	-
CV829-006	0.16	<1	30.6	3.5	76.1	-
CV829-007	0.15	3	35.8	4.1	68.0	27
CV829-008	0.17	5	31.6	3.6	68.1	46
CV829-009	0.18	2	28.4	3.3	77.2	-
CV829-010	0.15	<1	26.0	3.1	70.2	91
CV829-011	0.14	<1	26.4	2.9	70.0	48
CV829-012	0.41	<1	2.7	0.4	38.9	-
CV829-013	0.17	2	27.7	2.9	79.7	22
CV829-014	0.17	10	30.1	3.1	77.2	5
CV829-015	0.17	<1	27.4	3.0	72.7	-
CV829-016	0.11	<1	23.6	2.7	43.7	-
CV829-017	0.07	<1	14.0	1.7	27.3	-
CV829-018	7.28	8	13.1	1.1	117	-
CV829-019	0.13	3	15.2	1.7	33.6	177
CV829-020	0.79	<1	4.7	0.4	92.3	<5
CV829-021	2.97	<1	26.8	2.8	215	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 09 May 2025

ANALYSIS REPORT BBM25-48791

Order Number	CV25-829
Project	Corvette
Submission Number	Batch CDM-011
Number of Samples	22

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV829-022	0.34	2	13.3	1.4	55.5	-
*Std OREAS 550	26.41	<1	17.9	1.8	102	-
*Std OREAS 753	6.42	6	0.8	<0.1	11.9	-
*Std AMIS0341	13.37	5	1.9	0.1	35.0	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.5	-
*Rep CV829-008	0.17	4	31.7	3.6	69.3	-
*Std OREAS L14	-	-	-	-	-	3310
*Rep CV829-020	-	-	-	-	-	<5
*Std OREAS L12	-	-	-	-	-	636
*Blk BLANK	-	-	-	-	-	<5
*Rep CV829-014	0.16	9	29.2	3.2	76.7	-
*Std OREAS 149	25.14	14	19.0	1.4	181	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-820	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	07 Apr 2025 - 23 Apr 2025
Submission Number	Batch CDM-007	Date Completed	23 Apr 2025
Number of Samples	35	SGS Order Number	BBM25-48793

Methods Summary

Number of Samples	Method Code	Description
35	G_WGH_KG	Weight of samples received
35	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
35	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
21	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number CV25-820
Project Corvette
Submission Number Batch CDM-007
Number of Samples 35

ANALYSIS REPORT BBM25-48793

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV820-001	1.24	6.74	2217	151	<5	7.1
CV820-002	1.71	3.56	99	179	<5	8.9
CV820-003	3.44	8.33	31	251	<5	4.0
CV820-004	1.17	4.81	43	254	<5	9.3
CV820-005	-	4.86	40	250	<5	7.6
CV820-006	3.37	7.94	322	355	<5	4.1
CV820-007	3.27	9.42	161	526	<5	2.0
CV820-008	1.25	5.51	84	60	<5	5.3
CV820-009	1.23	6.03	2637	39	<5	5.3
CV820-010	1.65	7.44	95	46	<5	6.0
CV820-011	1.68	6.71	1835	36	<5	6.0
CV820-012	0.51	0.23	11	19	<5	<0.1
CV820-013	3.71	7.38	135	57	<5	6.4
CV820-014	3.16	7.52	2659	63	<5	6.1
CV820-015	2.40	6.48	4299	44	<5	4.9
CV820-016	3.38	8.17	61	177	<5	3.5
CV820-017	3.38	8.42	35	475	<5	3.5
CV820-018	0.02	8.67	18	17	119	0.2
CV820-019	1.18	7.88	19	449	<5	3.6
CV820-020	2.76	5.32	6246	25	<5	3.8
CV820-021	1.38	6.98	77	70	<5	7.5
CV820-022	3.72	7.58	18	22	<5	7.4
CV820-023	2.34	8.69	12	176	<5	3.9
CV820-024	3.23	8.04	128	230	<5	4.7
CV820-025	2.21	7.43	104	419	<5	4.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV820-026	3.44	7.52	169	44	<5	7.7
CV820-027	3.66	7.22	52	18	<5	8.9
CV820-028	2.46	7.79	3373	64	<5	7.3
CV820-029	3.24	7.23	369	46	<5	6.9
CV820-030	-	6.88	539	41	<5	7.0
CV820-031	2.53	7.27	9323	63	<5	6.4
CV820-032	2.53	7.97	4208	92	<5	7.1
CV820-033	3.68	6.61	662	78	<5	7.2
CV820-034	3.78	7.20	168	81	<5	7.0
CV820-035	3.65	7.51	55	49	<5	6.3
*Rep CV820-021	-	7.09	70	71	<5	7.6
*Std OREAS 149	-	8.22	34	2920	29	1.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.62	440	151	211	0.6
*Std OREAS 553	-	2.94	315	307	<5	5.4
*Std OREAS 750	-	5.56	11	421	39	0.9
*Rep CV820-015	-	6.51	4310	44	<5	4.9

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-001	216	101	15.12	0.7	21	2.74
CV820-002	294	271	13.69	0.9	37	0.72
CV820-003	217	26	5.94	1.1	32	1.39
CV820-004	286	50	5.13	1.4	28	0.49
CV820-005	300	47	5.33	1.4	27	0.51
CV820-006	321	86	5.95	1.9	32	0.47
CV820-007	251	<10	0.97	2.2	27	0.38
CV820-008	279	126	8.34	0.3	21	2.54
CV820-009	314	195	8.15	0.3	23	3.22
CV820-010	277	87	10.04	0.2	19	4.15
CV820-011	298	205	8.69	0.2	18	3.37
CV820-012	377	<10	0.36	0.1	<10	0.02
CV820-013	281	101	9.91	0.2	21	4.20
CV820-014	274	59	9.91	0.4	40	4.00
CV820-015	307	80	8.04	0.3	21	3.33
CV820-016	254	34	3.24	1.2	27	1.33
CV820-017	298	63	4.35	1.9	36	1.27
CV820-018	30	21	0.87	2.0	10112	0.02
CV820-019	249	150	7.70	1.6	32	0.83
CV820-020	333	17	4.82	0.2	<10	1.73
CV820-021	206	126	11.59	0.6	20	3.66
CV820-022	234	117	9.79	0.2	16	4.02
CV820-023	165	50	5.86	0.4	19	1.77
CV820-024	189	117	5.93	1.0	35	1.62
CV820-025	267	103	6.82	2.2	44	1.43

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-026	243	122	10.40	0.5	27	3.79
CV820-027	223	117	10.78	0.2	21	2.88
CV820-028	260	93	8.85	0.3	15	2.96
CV820-029	241	205	12.29	0.3	20	2.69
CV820-030	231	268	13.63	0.3	20	2.62
CV820-031	332	532	11.76	0.3	20	2.28
CV820-032	306	136	9.34	0.3	13	2.78
CV820-033	207	88	11.44	0.3	16	3.20
CV820-034	170	107	12.02	0.3	17	3.38
CV820-035	217	98	10.87	0.4	22	3.44
*Rep CV820-021	209	136	11.75	0.6	19	3.69
*Std OREAS 149	107	339	4.51	1.5	10527	0.58
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	431	50	0.92	2.9	4882	0.21
*Std OREAS 553	49	5718	1.25	0.8	100	5.42
*Std OREAS 750	42	19	1.68	1.8	2379	0.32
*Rep CV820-015	309	75	8.04	0.3	21	3.33

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-001	5046	53	0.03	1.89	32	19.2
CV820-002	3921	46	0.04	5.98	10	20.0
CV820-003	1171	19	0.10	0.06	20	27.1
CV820-004	1281	24	0.05	1.26	13	25.0
CV820-005	1070	23	0.05	1.38	14	26.9
CV820-006	1913	55	0.11	0.51	19	28.0
CV820-007	252	17	0.15	0.01	22	>30.0
CV820-008	1413	41	0.03	0.27	35	28.8
CV820-009	1374	72	0.03	0.32	37	25.8
CV820-010	1671	94	0.03	0.12	45	23.2
CV820-011	1348	82	0.03	0.38	40	24.2
CV820-012	26	11	<0.01	<0.01	<5	>30.0
CV820-013	1621	107	0.03	0.04	45	22.7
CV820-014	1626	97	0.05	0.09	41	22.9
CV820-015	1311	79	0.06	0.12	34	25.8
CV820-016	545	41	0.08	0.02	16	29.2
CV820-017	1098	54	0.09	0.32	19	29.0
CV820-018	761	18	0.12	0.02	<5	>30.0
CV820-019	1820	85	0.12	1.60	30	29.1
CV820-020	695	34	0.03	0.04	19	>30.0
CV820-021	2067	70	0.04	0.40	47	23.5
CV820-022	1641	71	0.04	0.08	47	24.8
CV820-023	781	17	0.09	0.18	19	29.3
CV820-024	990	24	0.08	1.25	21	29.2
CV820-025	932	58	0.05	2.66	25	27.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV820-026	2223	78	0.03	0.45	50	23.9
CV820-027	2833	74	0.03	0.17	47	22.6
CV820-028	1811	78	0.03	0.32	47	24.9
CV820-029	2968	70	0.05	0.77	44	24.2
CV820-030	3326	63	0.04	1.36	40	23.3
CV820-031	1382	73	0.05	3.36	34	22.9
CV820-032	1879	92	0.05	0.57	47	24.9
CV820-033	1889	58	0.11	0.20	44	24.2
CV820-034	1969	62	0.14	0.29	47	23.9
CV820-035	1655	51	0.11	0.19	42	24.5
*Rep CV820-021	2097	63	0.04	0.41	47	23.6
*Std OREAS 149	474	38	0.11	0.04	8	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1699	29	0.28	0.03	<5	>30.0
*Std OREAS 553	1592	28	0.05	0.29	7	26.6
*Std OREAS 750	395	18	0.07	0.08	<5	>30.0
*Rep CV820-015	1309	81	0.06	0.12	34	26.1

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number CV25-820
Project Corvette
Submission Number Batch CDM-007
Number of Samples 35

ANALYSIS REPORT BBM25-48793

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-001	81	0.48	247	145	<1	37
CV820-002	120	0.21	69	65	<1	<5
CV820-003	231	0.42	145	127	<1	<5
CV820-004	226	0.23	58	83	<1	4796
CV820-005	206	0.23	61	73	<1	4713
CV820-006	153	0.40	88	116	<1	18
CV820-007	226	0.66	65	16	<1	6
CV820-008	144	0.49	271	94	<1	49
CV820-009	139	0.49	282	88	<1	53
CV820-010	169	0.57	304	107	<1	72
CV820-011	153	0.49	310	88	<1	40
CV820-012	<10	0.01	<5	<5	<1	<5
CV820-013	161	0.55	302	107	<1	64
CV820-014	227	0.56	278	110	<1	25
CV820-015	213	0.45	239	94	<1	21
CV820-016	302	0.32	111	61	<1	13
CV820-017	227	0.36	123	148	<1	<5
CV820-018	31	<0.01	<5	93	<1	5
CV820-019	203	0.41	133	142	<1	5
CV820-020	138	0.32	165	81	<1	14
CV820-021	102	0.66	351	1582	<1	33
CV820-022	196	0.64	315	150	<1	<5
CV820-023	239	0.47	149	93	<1	<5
CV820-024	110	0.46	164	144	<1	<5
CV820-025	81	0.44	147	293	<1	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-026	106	0.61	324	117	<1	52
CV820-027	127	0.59	309	111	<1	<5
CV820-028	157	0.57	314	114	<1	28
CV820-029	145	0.67	325	142	<1	15
CV820-030	115	0.63	287	139	<1	11
CV820-031	140	0.57	278	107	<1	10
CV820-032	158	0.67	338	124	<1	46
CV820-033	147	1.03	404	132	<1	53
CV820-034	148	1.10	426	136	<1	38
CV820-035	179	0.98	361	134	<1	17
*Rep CV820-021	103	0.67	357	1613	<1	26
*Std OREAS 149	234	0.39	79	368	<1	156
*Blk BLANK	<10	<0.01	<5	7	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	66	0.01	5	121	<1	24
*Std OREAS 553	57	0.20	75	53	<1	8
*Std OREAS 750	75	0.16	27	66	<1	13
*Rep CV820-015	214	0.44	238	95	<1	18

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-001	0.4	0.3	12.8	40.5	6.8	3.14
CV820-002	0.7	0.3	28.9	38.2	10.4	1.89
CV820-003	<0.1	<0.2	61.5	22.1	9.3	3.20
CV820-004	1.1	0.2	65.6	10.2	11.1	3.18
CV820-005	1.1	0.2	60.1	9.7	11.3	2.91
CV820-006	0.2	0.2	95.0	20.6	97.7	4.60
CV820-007	<0.1	<0.2	90.7	4.7	23.2	3.87
CV820-008	<0.1	<0.2	8.8	39.7	4.1	3.22
CV820-009	<0.1	<0.2	8.7	43.1	2.9	3.23
CV820-010	<0.1	<0.2	9.5	56.0	5.6	3.81
CV820-011	<0.1	<0.2	9.6	46.8	1.8	3.48
CV820-012	<0.1	<0.2	5.0	1.0	0.8	0.50
CV820-013	<0.1	<0.2	9.7	58.4	2.4	3.52
CV820-014	0.1	<0.2	10.3	53.3	50.7	3.87
CV820-015	<0.1	<0.2	7.9	47.5	13.6	2.88
CV820-016	<0.1	<0.2	42.7	15.3	3.3	2.54
CV820-017	<0.1	0.5	58.8	19.5	26.8	3.31
CV820-018	2.6	1.9	0.6	1.0	70.3	0.18
CV820-019	0.2	<0.2	95.8	42.6	33.2	4.53
CV820-020	<0.1	<0.2	4.4	26.0	1.7	1.42
CV820-021	1.0	4.0	10.4	55.6	13.2	3.94
CV820-022	<0.1	<0.2	12.0	52.5	1.8	3.84
CV820-023	<0.1	<0.2	49.0	25.1	10.2	3.31
CV820-024	0.2	<0.2	44.9	23.7	86.8	3.36
CV820-025	0.3	0.6	36.1	31.1	61.1	3.63

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-026	<0.1	<0.2	9.3	56.0	12.9	3.85
CV820-027	<0.1	<0.2	8.3	57.0	1.7	3.64
CV820-028	0.3	0.2	6.9	58.3	3.3	3.20
CV820-029	0.2	0.2	12.7	54.0	3.1	4.14
CV820-030	0.3	0.2	14.0	48.9	2.7	3.92
CV820-031	1.5	<0.2	10.1	73.0	2.8	3.73
CV820-032	0.7	0.2	11.3	52.7	1.3	4.23
CV820-033	0.1	<0.2	16.2	57.9	2.3	5.50
CV820-034	<0.1	0.3	17.0	58.4	2.3	6.07
CV820-035	<0.1	<0.2	24.0	46.9	5.8	5.31
*Rep CV820-021	1.0	4.5	10.9	56.5	14.9	4.21
*Std OREAS 149	47.7	1.3	431	8.4	348	4.33
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Blk BLANK	<0.1	<0.2	0.2	<0.5	<0.1	<0.05
*Std AMIS0341	25.0	0.2	0.9	3.8	565	0.29
*Std OREAS 553	2.8	0.3	58.5	6521	0.8	3.62
*Std OREAS 750	1.1	0.7	34.0	4.0	25.3	2.52
*Rep CV820-015	<0.1	<0.2	8.2	44.5	13.1	2.83

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-001	2.15	0.87	19	3.14	2	2
CV820-002	1.35	0.81	10	2.20	1	2
CV820-003	2.08	1.36	19	4.01	1	4
CV820-004	2.18	1.65	13	4.32	1	4
CV820-005	2.04	1.52	13	3.99	1	4
CV820-006	3.22	1.89	19	6.39	1	5
CV820-007	2.35	2.27	21	5.95	1	5
CV820-008	2.34	0.80	16	3.00	2	2
CV820-009	2.25	0.81	16	2.92	2	2
CV820-010	2.58	0.93	19	3.39	2	2
CV820-011	2.42	0.85	22	3.15	2	2
CV820-012	0.34	0.06	<1	0.49	1	1
CV820-013	2.55	0.85	19	3.31	2	2
CV820-014	2.79	0.92	19	3.58	3	2
CV820-015	2.08	0.67	17	2.67	3	1
CV820-016	1.51	1.12	19	3.37	2	4
CV820-017	2.14	1.31	20	4.24	1	4
CV820-018	<0.05	<0.05	18	0.16	7	1
CV820-019	3.12	1.93	17	6.46	1	5
CV820-020	1.02	0.37	12	1.42	2	<1
CV820-021	3.01	1.01	19	3.91	2	2
CV820-022	2.85	1.02	18	3.77	2	2
CV820-023	2.27	1.32	18	4.19	2	4
CV820-024	2.33	1.40	19	4.25	2	4
CV820-025	2.51	1.21	18	4.12	1	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-026	2.78	0.94	19	3.68	2	2
CV820-027	2.67	0.87	17	3.49	2	2
CV820-028	2.40	0.78	20	3.09	3	2
CV820-029	2.98	0.99	18	4.02	2	2
CV820-030	2.83	1.02	18	3.79	2	2
CV820-031	2.54	0.96	19	3.58	3	2
CV820-032	3.12	1.08	20	4.20	3	2
CV820-033	4.08	1.60	20	5.61	2	4
CV820-034	4.35	1.80	22	6.20	2	4
CV820-035	3.80	1.56	21	5.42	2	4
*Rep CV820-021	3.11	1.03	20	3.98	2	2
*Std OREAS 149	1.98	4.45	49	10.08	7	5
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.16	0.06	48	0.30	10	4
*Std OREAS 553	2.17	0.97	9	4.78	1	3
*Std OREAS 750	1.39	0.70	15	3.15	3	4
*Rep CV820-015	2.06	0.67	17	2.89	3	2

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number CV25-820
Project Corvette
Submission Number Batch CDM-007
Number of Samples 35

ANALYSIS REPORT BBM25-48793

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-001	0.69	<0.2	5.6	0.30	<2	3
CV820-002	0.42	<0.2	14.7	0.20	13	3
CV820-003	0.69	<0.2	30.7	0.29	<2	6
CV820-004	0.69	<0.2	31.3	0.34	3	6
CV820-005	0.64	<0.2	28.3	0.33	3	6
CV820-006	0.99	<0.2	44.0	0.47	2	8
CV820-007	0.80	<0.2	40.2	0.31	<2	9
CV820-008	0.72	<0.2	3.6	0.30	<2	2
CV820-009	0.72	<0.2	3.6	0.31	<2	2
CV820-010	0.84	<0.2	3.7	0.37	<2	2
CV820-011	0.78	<0.2	4.0	0.33	<2	2
CV820-012	0.11	<0.2	2.7	<0.05	<2	<1
CV820-013	0.80	<0.2	3.7	0.36	<2	2
CV820-014	0.88	<0.2	4.0	0.37	<2	2
CV820-015	0.65	<0.2	3.3	0.29	<2	2
CV820-016	0.53	<0.2	21.7	0.21	<2	5
CV820-017	0.67	<0.2	28.5	0.29	<2	6
CV820-018	<0.05	<0.2	0.4	<0.05	3	40
CV820-019	1.00	<0.2	49.1	0.50	<2	6
CV820-020	0.33	<0.2	1.9	0.18	<2	<1
CV820-021	1.00	<0.2	4.4	0.43	<2	1
CV820-022	0.95	<0.2	5.1	0.41	<2	2
CV820-023	0.80	<0.2	25.3	0.35	<2	6
CV820-024	0.81	<0.2	23.1	0.36	<2	5
CV820-025	0.85	<0.2	17.9	0.39	4	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-026	0.93	<0.2	3.7	0.43	<2	1
CV820-027	0.89	<0.2	3.3	0.40	<2	<1
CV820-028	0.77	<0.2	2.6	0.34	4	<1
CV820-029	1.02	<0.2	5.4	0.43	<2	2
CV820-030	0.96	<0.2	5.9	0.46	<2	2
CV820-031	0.86	<0.2	4.2	0.39	<2	6
CV820-032	1.02	<0.2	4.7	0.45	<2	2
CV820-033	1.37	<0.2	6.6	0.60	<2	3
CV820-034	1.49	<0.2	7.0	0.65	<2	3
CV820-035	1.27	<0.2	10.9	0.54	<2	4
*Rep CV820-021	1.04	<0.2	4.5	0.46	<2	1
*Std OREAS 149	0.81	11.9	267	0.22	12	6538
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Blk BLANK	<0.05	<0.2	0.2	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	4	134
*Std OREAS 553	0.75	0.2	34.8	0.26	3	10
*Std OREAS 750	0.48	<0.2	16.7	0.17	2	23
*Rep CV820-015	0.65	<0.2	3.4	0.28	<2	2

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-001	8.7	<5	1.71	16.8	1.4	2.5
CV820-002	13.1	6	3.14	37.6	0.3	2.4
CV820-003	27.2	6	6.56	44.6	0.3	4.8
CV820-004	30.8	13	7.40	57.2	4.5	5.5
CV820-005	29.4	13	6.92	58.4	4.6	4.9
CV820-006	45.3	8	10.76	115	0.3	7.8
CV820-007	44.9	6	10.55	76.9	0.2	7.9
CV820-008	6.9	<5	1.25	12.5	0.6	2.1
CV820-009	6.7	<5	1.25	10.2	0.6	2.2
CV820-010	7.7	<5	1.40	5.4	0.5	2.4
CV820-011	7.3	<5	1.33	5.8	0.4	2.3
CV820-012	2.3	<5	0.58	3.5	0.2	0.5
CV820-013	7.3	<5	1.35	6.9	0.6	2.4
CV820-014	8.2	<5	1.49	28.5	0.7	2.6
CV820-015	6.0	<5	1.13	14.1	0.8	2.0
CV820-016	19.9	8	4.68	38.8	0.2	3.7
CV820-017	27.4	6	6.54	69.0	0.2	5.0
CV820-018	0.3	13	0.09	750	0.3	0.1
CV820-019	49.0	7	11.82	55.0	0.2	8.6
CV820-020	3.5	7	0.65	6.1	0.4	1.1
CV820-021	8.7	162	1.62	20.4	0.5	2.8
CV820-022	9.8	<5	1.81	3.1	1.0	2.9
CV820-023	24.2	6	5.80	15.4	0.6	4.8
CV820-024	22.5	6	5.39	82.5	0.2	4.5
CV820-025	19.0	10	4.48	102	0.3	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-026	8.2	<5	1.46	16.4	0.7	2.7
CV820-027	7.6	<5	1.33	5.2	0.5	2.5
CV820-028	6.6	<5	1.14	8.9	0.3	2.2
CV820-029	10.1	<5	1.85	5.1	0.4	3.2
CV820-030	10.4	<5	2.06	5.8	0.4	2.9
CV820-031	8.8	<5	1.55	14.5	0.2	2.8
CV820-032	9.5	<5	1.74	12.9	0.3	3.1
CV820-033	13.6	<5	2.52	9.0	0.3	4.3
CV820-034	14.5	<5	2.64	5.9	0.4	4.6
CV820-035	16.6	<5	3.32	8.5	0.4	4.5
*Rep CV820-021	9.0	165	1.64	22.0	0.5	3.0
*Std OREAS 149	156	39	47.53	821	29.0	20.2
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1
*Std AMIS0341	0.7	15	0.12	4748	13.7	0.3
*Std OREAS 553	26.6	16	6.61	27.6	0.5	4.9
*Std OREAS 750	15.7	17	3.87	274	0.5	3.5
*Rep CV820-015	6.3	<5	1.13	14.0	0.8	2.0

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-001	<1	<0.5	0.50	0.8	<0.5	0.29
CV820-002	<1	<0.5	0.32	2.6	<0.5	0.19
CV820-003	<1	0.5	0.55	6.0	<0.5	0.29
CV820-004	<1	<0.5	0.55	5.8	<0.5	0.30
CV820-005	<1	<0.5	0.52	5.9	<0.5	0.30
CV820-006	<1	<0.5	0.80	7.2	0.7	0.43
CV820-007	1	0.6	0.75	6.3	<0.5	0.30
CV820-008	<1	<0.5	0.50	0.4	<0.5	0.30
CV820-009	<1	<0.5	0.48	0.4	<0.5	0.31
CV820-010	<1	<0.5	0.57	0.4	<0.5	0.36
CV820-011	<1	<0.5	0.51	0.4	<0.5	0.34
CV820-012	<1	<0.5	0.07	1.3	<0.5	<0.05
CV820-013	<1	<0.5	0.55	0.4	<0.5	0.35
CV820-014	5	<0.5	0.58	0.4	<0.5	0.38
CV820-015	5	<0.5	0.46	0.3	<0.5	0.28
CV820-016	<1	<0.5	0.44	5.4	<0.5	0.21
CV820-017	<1	<0.5	0.56	5.9	<0.5	0.29
CV820-018	156	20.0	<0.05	0.3	4.2	<0.05
CV820-019	1	0.5	0.91	11.2	<0.5	0.44
CV820-020	5	<0.5	0.22	1.7	<0.5	0.15
CV820-021	<1	<0.5	0.66	1.6	<0.5	0.43
CV820-022	<1	<0.5	0.63	1.1	<0.5	0.40
CV820-023	2	<0.5	0.62	5.4	<0.5	0.33
CV820-024	3	<0.5	0.61	5.4	0.6	0.34
CV820-025	2	<0.5	0.66	4.8	0.6	0.37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV820-026	<1	<0.5	0.64	0.7	<0.5	0.40
CV820-027	<1	<0.5	0.61	0.6	<0.5	0.39
CV820-028	21	<0.5	0.53	0.5	<0.5	0.34
CV820-029	1	<0.5	0.69	0.8	<0.5	0.44
CV820-030	1	<0.5	0.65	0.9	<0.5	0.42
CV820-031	43	<0.5	0.64	1.2	<0.5	0.39
CV820-032	28	<0.5	0.70	0.7	<0.5	0.44
CV820-033	4	<0.5	0.96	0.9	<0.5	0.59
CV820-034	1	<0.5	1.04	0.9	<0.5	0.62
CV820-035	1	<0.5	0.91	1.5	<0.5	0.55
*Rep CV820-021	1	<0.5	0.71	1.2	<0.5	0.45
*Std OREAS 149	3352	29.1	1.15	119	7.8	0.24
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	95	782	0.05	5.4	44.5	<0.05
*Std OREAS 553	<1	0.7	0.66	6.2	<0.5	0.28
*Std OREAS 750	48	9.9	0.45	6.8	1.7	0.19
*Rep CV820-015	5	<0.5	0.45	0.3	<0.5	0.27

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number CV25-820
Project Corvette
Submission Number Batch CDM-007
Number of Samples 35

ANALYSIS REPORT BBM25-48793

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV820-001	0.25	1	19.0	2.1	53.2	20
CV820-002	0.69	<1	12.5	1.4	60.8	10
CV820-003	1.40	1	19.6	2.1	138	-
CV820-004	1.27	1323	19.3	2.3	141	4690
CV820-005	1.27	1168	18.1	2.2	144	-
CV820-006	1.59	7	28.9	3.0	184	-
CV820-007	1.32	4	19.6	2.2	162	-
CV820-008	0.12	9	20.1	2.2	47.1	<5
CV820-009	0.11	<1	19.4	2.2	46.6	<5
CV820-010	0.11	<1	23.0	2.7	54.2	6
CV820-011	0.10	<1	21.5	2.5	50.2	7
CV820-012	0.35	<1	3.3	0.4	30.2	-
CV820-013	0.10	<1	22.3	2.5	51.3	13
CV820-014	0.12	<1	24.4	2.7	58.3	-
CV820-015	0.09	<1	17.8	2.0	45.8	-
CV820-016	1.26	3	14.6	1.5	124	-
CV820-017	1.38	1	19.9	2.1	142	-
CV820-018	6.56	6	0.8	<0.1	11.7	-
CV820-019	2.03	2	28.0	3.1	210	15
CV820-020	0.07	911	8.7	0.9	28.7	7
CV820-021	0.14	3	25.5	3.0	71.5	66
CV820-022	0.16	2	23.1	2.8	75.1	-
CV820-023	1.25	<1	20.2	2.2	164	<5
CV820-024	1.20	10	21.1	2.4	155	6
CV820-025	1.19	3	22.1	2.5	147	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

ANALYSIS REPORT BBM25-48793

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV820-026	0.10	<1	22.7	2.8	61.9	8
CV820-027	0.10	1	22.6	2.7	56.7	-
CV820-028	0.08	36	20.4	2.2	54.6	21
CV820-029	0.18	<1	26.0	3.0	78.8	11
CV820-030	0.22	<1	24.6	2.8	79.8	-
CV820-031	0.26	3	23.0	2.6	69.3	69
CV820-032	0.17	1	26.5	3.0	75.1	22
CV820-033	0.19	1	35.7	3.7	146	<5
CV820-034	0.23	<1	36.8	4.1	149	<5
CV820-035	0.38	<1	32.0	3.5	153	-
*Std OREAS L12	-	-	-	-	-	644
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3350
*Blk BLANK	-	-	-	-	-	<5
*Rep CV820-028	-	-	-	-	-	23
*Std OREAS L13	-	-	-	-	-	1310
*Rep CV820-021	0.14	3	26.3	3.1	73.9	-
*Std OREAS 149	25.53	15	18.5	1.5	170	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std AMIS0341	13.78	6	2.0	0.1	18.8	-
*Std OREAS 553	26.87	1	20.7	1.9	101	-
*Std OREAS 750	4.70	6	14.2	1.2	110	-
*Rep CV820-015	0.09	<1	17.5	1.9	44.4	-

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48793

Order Number	CV25-820
Project	Corvette
Submission Number	Batch CDM-007
Number of Samples	35

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-840	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	09 Apr 2025 - 23 Apr 2025
Submission Number	Batch CDM-018	Date Completed	24 Apr 2025
Number of Samples	19	SGS Order Number	BBM25-48797

Methods Summary

Number of Samples	Method Code	Description
19	G_WGH_KG	Weight of samples received
19	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
19	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
7	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV840-001	2.59	4.57	151	205	<5	1.2
CV840-002	1.37	4.16	183	149	<5	1.6
CV840-003	3.41	6.46	298	253	<5	1.4
CV840-004	3.43	7.07	208	286	<5	1.8
CV840-005	-	7.11	213	306	<5	1.8
CV840-006	3.62	7.73	36	111	<5	8.8
CV840-007	1.27	7.16	122	88	<5	8.3
CV840-008	3.50	8.99	41	269	<5	3.5
CV840-009	1.13	10.64	20	527	<5	3.1
CV840-010	3.53	8.38	52	250	<5	2.5
CV840-011	1.34	7.73	183	20	<5	8.1
CV840-012	0.51	0.23	<10	18	<5	<0.1
CV840-013	3.43	8.93	45	140	<5	2.7
CV840-014	1.65	21.05	308	195	<5	0.4
CV840-015	1.17	9.29	258	102	<5	1.0
CV840-016	3.43	8.40	17	254	<5	4.3
CV840-017	1.18	6.79	47	266	<5	4.8
CV840-018	0.02	8.68	14	18	127	0.2
CV840-019	3.45	8.31	34	208	<5	5.1
*Rep CV840-001	-	4.64	151	211	<5	1.3
*Std OREAS 750	-	5.51	11	425	41	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV840-001	375	26	2.52	1.2	33	1.11
CV840-002	297	102	17.77	1.0	24	1.12
CV840-003	352	31	1.77	1.1	42	1.04
CV840-004	286	25	3.05	2.1	26	1.19
CV840-005	265	29	3.01	2.2	27	1.12
CV840-006	408	81	8.73	0.3	17	3.33
CV840-007	423	122	7.34	0.3	18	3.53
CV840-008	251	58	3.19	1.2	27	0.56
CV840-009	279	46	1.02	1.1	13	0.26
CV840-010	354	44	4.92	0.9	32	1.10
CV840-011	335	52	8.85	0.1	18	3.37
CV840-012	414	<10	0.37	0.1	<10	0.02
CV840-013	295	26	4.70	1.4	62	1.76
CV840-014	433	<10	1.51	2.8	25	0.30
CV840-015	317	79	2.87	1.2	29	1.20
CV840-016	230	31	3.72	1.6	27	1.71
CV840-017	284	39	4.00	1.5	24	1.62
CV840-018	36	17	0.86	2.1	10019	0.01
CV840-019	263	43	5.02	1.5	35	1.96
*Rep CV840-001	370	25	2.53	1.3	32	1.11
*Std OREAS 750	45	22	1.67	1.8	2264	0.32
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV840-001	437	42	0.01	0.33	<5	>30.0
CV840-002	860	131	0.05	>10.00	6	23.1
CV840-003	192	54	0.05	0.20	11	>30.0
CV840-004	1072	30	0.05	0.10	8	>30.0
CV840-005	919	33	0.05	0.11	8	>30.0
CV840-006	1683	108	0.04	0.09	41	22.3
CV840-007	1491	133	0.02	0.09	35	23.8
CV840-008	793	33	0.07	0.03	15	28.8
CV840-009	246	32	0.07	0.02	18	29.6
CV840-010	979	54	0.06	0.01	13	29.7
CV840-011	1383	138	0.07	0.16	28	22.5
CV840-012	21	12	<0.01	<0.01	<5	>30.0
CV840-013	1223	44	0.05	0.03	15	28.9
CV840-014	348	29	0.04	<0.01	43	21.4
CV840-015	494	48	0.05	0.47	14	>30.0
CV840-016	763	50	0.05	0.01	12	29.0
CV840-017	786	43	0.06	0.02	13	28.6
CV840-018	752	18	0.11	0.02	<5	>30.0
CV840-019	841	56	0.06	0.01	16	28.2
*Rep CV840-001	434	31	0.01	0.35	<5	>30.0
*Std OREAS 750	392	19	0.07	0.08	<5	>30.0
*Blk BLANK	<10	5	<0.01	<0.01	<5	<0.1

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV840-001	53	0.15	36	38	<1	9
CV840-002	70	0.19	48	42	<1	71
CV840-003	131	0.31	86	30	<1	6
CV840-004	121	0.28	61	36	<1	<5
CV840-005	118	0.29	63	38	<1	<5
CV840-006	124	0.64	298	103	<1	<5
CV840-007	117	0.42	224	81	<1	<5
CV840-008	277	0.41	118	40	<1	<5
CV840-009	346	0.54	201	16	<1	<5
CV840-010	246	0.32	95	77	<1	<5
CV840-011	469	0.79	197	105	<1	<5
CV840-012	<10	0.01	5	6	<1	<5
CV840-013	149	0.37	117	66	<1	<5
CV840-014	126	0.99	296	13	<1	8
CV840-015	180	0.39	104	75	<1	<5
CV840-016	162	0.33	93	76	<1	<5
CV840-017	146	0.33	98	61	<1	<5
CV840-018	32	<0.01	<5	87	<1	6
CV840-019	121	0.40	119	78	<1	<5
*Rep CV840-001	57	0.15	37	38	<1	<5
*Std OREAS 750	77	0.16	28	63	<1	14
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV840-001	<0.1	<0.2	22.4	9.7	3.1	1.01
CV840-002	0.2	<0.2	14.3	65.4	4.0	0.93
CV840-003	<0.1	<0.2	32.4	22.0	6.1	1.70
CV840-004	<0.1	<0.2	45.9	16.6	3.3	2.32
CV840-005	<0.1	<0.2	45.4	17.5	3.6	2.18
CV840-006	0.3	<0.2	11.3	54.7	0.7	4.82
CV840-007	0.2	<0.2	5.7	49.8	4.5	2.91
CV840-008	<0.1	<0.2	44.9	13.8	1.7	2.86
CV840-009	<0.1	<0.2	68.7	11.0	1.0	3.83
CV840-010	<0.1	<0.2	32.7	21.5	1.9	2.29
CV840-011	0.2	<0.2	20.6	50.7	0.2	3.92
CV840-012	<0.1	<0.2	4.0	1.0	0.2	0.70
CV840-013	<0.1	<0.2	25.7	20.0	2.3	2.56
CV840-014	<0.1	<0.2	90.6	9.3	11.0	4.69
CV840-015	0.2	<0.2	43.2	22.0	2.9	2.80
CV840-016	<0.1	<0.2	25.3	16.2	1.5	2.30
CV840-017	<0.1	<0.2	35.4	18.8	1.3	2.40
CV840-018	2.0	1.7	0.7	1.0	66.9	0.18
CV840-019	<0.1	<0.2	39.2	27.2	2.1	2.99
*Rep CV840-001	<0.1	<0.2	23.4	9.9	3.1	1.01
*Std OREAS 750	1.1	0.7	34.0	4.3	24.1	2.73
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV840-001	0.58	0.44	11	1.14	<1	3
CV840-002	0.58	0.45	10	1.09	1	2
CV840-003	0.75	0.81	18	2.28	1	4
CV840-004	1.41	0.92	17	2.77	1	5
CV840-005	1.32	0.89	17	2.72	1	4
CV840-006	2.95	1.10	20	4.15	2	2
CV840-007	1.94	0.63	15	2.35	2	1
CV840-008	1.50	1.03	21	3.46	<1	4
CV840-009	1.65	1.81	26	4.78	<1	5
CV840-010	1.30	0.87	21	2.76	<1	3
CV840-011	2.29	1.15	20	4.00	2	2
CV840-012	0.44	0.07	<1	0.51	1	1
CV840-013	1.65	0.87	21	2.68	1	3
CV840-014	2.54	2.03	51	5.97	2	8
CV840-015	1.57	1.07	23	3.21	1	4
CV840-016	1.26	0.82	20	2.59	1	3
CV840-017	1.33	1.15	16	3.17	1	3
CV840-018	0.05	<0.05	17	0.15	7	1
CV840-019	1.76	1.07	22	3.51	1	4
*Rep CV840-001	0.61	0.45	12	1.16	<1	3
*Std OREAS 750	1.42	0.66	14	3.35	3	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV840-001	0.21	<0.2	13.3	0.11	<2	3
CV840-002	0.20	<0.2	8.1	0.07	<2	2
CV840-003	0.29	<0.2	16.7	0.09	<2	4
CV840-004	0.45	<0.2	26.2	0.22	<2	5
CV840-005	0.43	<0.2	25.8	0.20	<2	4
CV840-006	1.00	<0.2	4.7	0.46	<2	3
CV840-007	0.62	<0.2	2.3	0.28	<2	1
CV840-008	0.51	<0.2	23.9	0.19	<2	6
CV840-009	0.65	<0.2	36.0	0.20	<2	7
CV840-010	0.44	<0.2	18.0	0.18	<2	4
CV840-011	0.78	<0.2	8.9	0.29	<2	4
CV840-012	0.15	<0.2	2.3	0.07	<2	<1
CV840-013	0.51	<0.2	13.1	0.23	<2	4
CV840-014	0.91	<0.2	47.6	0.36	<2	8
CV840-015	0.55	<0.2	22.6	0.22	<2	5
CV840-016	0.44	<0.2	13.2	0.16	<2	4
CV840-017	0.46	<0.2	18.8	0.17	<2	4
CV840-018	<0.05	<0.2	0.4	<0.05	3	37
CV840-019	0.57	<0.2	20.4	0.23	<2	5
*Rep CV840-001	0.20	<0.2	13.9	0.09	2	3
*Std OREAS 750	0.52	<0.2	18.1	0.17	2	21
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV840-001	7.8	7	2.46	39.3	0.5	1.5
CV840-002	5.8	14	1.71	36.2	1.6	1.3
CV840-003	13.7	8	4.05	38.8	1.5	2.8
CV840-004	17.6	8	5.33	65.4	0.3	3.2
CV840-005	17.3	8	5.33	65.5	0.3	3.4
CV840-006	8.3	<5	1.85	5.5	0.4	3.1
CV840-007	4.4	<5	0.93	15.3	0.3	1.7
CV840-008	19.8	10	5.69	44.2	<0.1	4.1
CV840-009	30.9	13	8.78	36.6	0.2	6.2
CV840-010	13.8	8	4.01	37.4	<0.1	3.1
CV840-011	12.6	<5	3.07	1.5	0.7	3.6
CV840-012	1.8	<5	0.51	3.1	0.2	0.5
CV840-013	12.7	9	3.36	31.8	0.2	2.8
CV840-014	39.7	19	11.59	38.1	1.0	8.0
CV840-015	18.5	16	5.34	36.3	<0.1	3.8
CV840-016	11.8	8	3.31	46.9	0.2	2.9
CV840-017	17.0	<5	4.63	43.5	0.1	3.6
CV840-018	0.3	12	0.09	660	0.3	0.1
CV840-019	17.7	8	4.97	45.0	0.3	3.9
*Rep CV840-001	8.2	6	2.52	39.4	0.5	1.5
*Std OREAS 750	15.2	16	4.29	262	0.4	3.7
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

ANALYSIS REPORT BBM25-48797

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV840-001	<1	<0.5	0.17	4.7	<0.5	0.10
CV840-002	<1	<0.5	0.16	3.1	<0.5	0.08
CV840-003	<1	<0.5	0.30	4.7	<0.5	0.10
CV840-004	<1	<0.5	0.38	9.8	<0.5	0.21
CV840-005	<1	<0.5	0.37	9.4	<0.5	0.19
CV840-006	<1	<0.5	0.69	0.8	<0.5	0.43
CV840-007	<1	<0.5	0.39	0.3	<0.5	0.28
CV840-008	1	<0.5	0.48	7.0	<0.5	0.19
CV840-009	1	0.5	0.65	7.7	<0.5	0.21
CV840-010	<1	<0.5	0.39	5.4	<0.5	0.18
CV840-011	<1	<0.5	0.59	0.5	<0.5	0.31
CV840-012	<1	<0.5	0.10	0.9	<0.5	0.07
CV840-013	<1	<0.5	0.39	2.6	<0.5	0.22
CV840-014	2	0.7	0.82	11.5	<0.5	0.36
CV840-015	<1	<0.5	0.46	5.9	<0.5	0.23
CV840-016	<1	<0.5	0.39	3.7	<0.5	0.17
CV840-017	<1	<0.5	0.43	3.8	<0.5	0.17
CV840-018	146	20.4	<0.05	0.2	4.0	<0.05
CV840-019	1	<0.5	0.50	5.2	<0.5	0.23
*Rep CV840-001	<1	<0.5	0.18	4.2	<0.5	0.09
*Std OREAS 750	45	10.1	0.47	6.6	1.6	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 25 Apr 2025

Order Number	CV25-840
Project	Corvette
Submission Number	Batch CDM-018
Number of Samples	19

ANALYSIS REPORT BBM25-48797

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV840-001	1.87	1	5.4	0.6	88.2	12
CV840-002	0.98	2	4.9	0.5	62.0	78
CV840-003	1.45	1	6.5	0.6	110	-
CV840-004	2.31	2	12.2	1.4	146	-
CV840-005	2.20	2	11.5	1.3	135	-
CV840-006	0.14	2	26.1	3.0	62.3	-
CV840-007	0.06	3	16.3	1.9	34.4	7
CV840-008	2.18	<1	13.0	1.3	129	-
CV840-009	2.44	2	14.2	1.4	141	-
CV840-010	1.60	<1	12.3	1.2	107	-
CV840-011	0.12	<1	20.0	2.0	69.5	<5
CV840-012	0.36	<1	4.0	0.4	34.0	-
CV840-013	0.90	<1	14.9	1.6	89.9	-
CV840-014	2.89	8	22.0	2.3	247	<5
CV840-015	1.73	<1	14.1	1.5	130	<5
CV840-016	1.21	<1	11.6	1.2	97.6	-
CV840-017	1.24	<1	12.5	1.2	89.0	7
CV840-018	6.25	6	0.8	<0.1	10.8	-
CV840-019	1.57	<1	15.5	1.5	120	-
*Rep CV840-001	1.81	1	5.1	0.6	83.3	-
*Std OREAS 750	4.59	6	13.5	1.3	103	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.8	-
*Std OREAS L13	-	-	-	-	-	1420
*Rep CV840-011	-	-	-	-	-	<5
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
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QC
CANADA

Order Number	CV25-839	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	09 Apr 2025 - 29 Apr 2025
Submission Number	Batch CDM-017	Date Completed	29 Apr 2025
Number of Samples	25	SGS Order Number	BBM25-48802

Methods Summary

Number of Samples	Method Code	Description
25	G_WGH_KG	Weight of samples received
25	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
25	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
11	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV839-001	3.53	8.43	10	253	<5	5.1
CV839-002	1.50	5.97	15	587	<5	1.1
CV839-003	3.33	5.89	30	338	<5	2.2
CV839-004	3.49	6.85	23	303	<5	4.1
CV839-005	-	6.73	20	273	<5	4.8
CV839-006	3.73	7.29	14	332	<5	5.2
CV839-007	2.54	6.79	<10	32	<5	6.0
CV839-008	3.71	6.95	11	25	<5	6.5
CV839-009	3.54	8.16	15	227	<5	5.0
CV839-010	3.77	5.68	10	64	<5	5.2
CV839-011	3.76	6.67	10	49	<5	5.1
CV839-012	0.51	0.20	<10	15	<5	<0.1
CV839-013	2.64	6.52	<10	55	<5	5.2
CV839-014	1.20	5.59	<10	28	<5	7.1
CV839-015	3.75	7.10	11	60	<5	6.3
CV839-016	1.17	5.86	36	235	<5	2.0
CV839-017	3.42	7.86	11	529	<5	3.9
CV839-018	0.02	8.06	22	406	102	0.8
CV839-019	3.63	6.77	<10	244	<5	4.6
CV839-020	3.41	7.90	15	358	<5	3.5
CV839-021	3.48	7.75	52	335	<5	4.4
CV839-022	3.92	6.71	23	122	<5	6.2
CV839-023	3.40	7.61	93	420	<5	3.4
CV839-024	2.24	7.24	51	367	<5	3.2
CV839-025	3.40	7.36	15	398	<5	2.9
*Rep CV839-006	-	7.18	14	323	<5	5.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 750	-	5.39	11	422	39	0.8

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Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV839-001	189	57	5.59	0.7	41	2.33
CV839-002	185	78	4.76	2.7	33	1.01
CV839-003	160	69	8.30	2.0	38	1.09
CV839-004	164	63	7.72	1.8	49	2.00
CV839-005	186	65	7.24	1.6	43	2.01
CV839-006	206	70	7.96	1.0	36	2.55
CV839-007	176	80	8.88	0.2	12	2.94
CV839-008	178	111	9.07	0.2	10	3.17
CV839-009	177	57	7.78	1.1	30	2.11
CV839-010	87	87	11.77	0.4	20	2.89
CV839-011	48	88	11.92	0.4	17	3.25
CV839-012	345	<10	0.37	0.1	<10	0.01
CV839-013	95	117	11.36	0.3	14	2.67
CV839-014	96	59	10.09	0.2	11	2.30
CV839-015	115	99	11.20	0.4	11	2.35
CV839-016	243	92	5.90	1.8	38	1.11
CV839-017	196	27	3.96	1.4	30	1.62
CV839-018	51	33	1.64	2.5	4413	0.29
CV839-019	161	33	11.31	1.0	22	1.66
CV839-020	185	45	2.87	1.4	27	1.24
CV839-021	180	<10	3.49	1.9	30	1.24
CV839-022	174	28	12.58	0.9	21	1.12
CV839-023	260	37	4.18	1.8	29	1.23
CV839-024	178	13	1.73	1.3	23	0.51
CV839-025	169	<10	1.80	1.6	23	0.45
*Rep CV839-006	204	72	7.85	1.0	35	2.52
*Blk BLANK	11	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 750	39	21	1.69	1.8	2249	0.31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV839-001	1214	78	0.12	0.03	25	25.6
CV839-002	500	41	0.06	2.60	14	29.7
CV839-003	1488	41	0.05	3.50	15	27.0
CV839-004	1527	54	0.08	1.29	31	26.0
CV839-005	1567	60	0.08	0.94	33	25.5
CV839-006	1539	75	0.11	0.23	46	26.4
CV839-007	1727	67	0.10	0.20	49	23.7
CV839-008	1742	82	0.09	0.18	46	23.9
CV839-009	1661	66	0.13	0.10	26	25.7
CV839-010	1874	29	0.10	0.16	43	24.8
CV839-011	1877	39	0.09	0.09	43	23.3
CV839-012	34	8	<0.01	0.01	<5	>30.0
CV839-013	1781	44	0.10	0.13	40	24.5
CV839-014	1644	43	0.05	0.07	33	22.5
CV839-015	1967	60	0.11	0.13	35	22.2
CV839-016	1498	21	0.04	0.30	13	>30.0
CV839-017	837	57	0.07	0.04	17	29.2
CV839-018	659	18	0.12	0.07	<5	>30.0
CV839-019	5237	33	0.06	0.18	18	26.2
CV839-020	532	38	0.06	0.02	13	>30.0
CV839-021	1010	32	0.06	0.01	14	28.5
CV839-022	4975	36	0.06	0.59	18	24.2
CV839-023	815	58	0.07	0.23	14	30.0
CV839-024	419	11	0.04	0.02	6	>30.0
CV839-025	457	9	0.04	0.12	6	>30.0
*Rep CV839-006	1537	77	0.11	0.23	46	25.4
*Blk BLANK	<10	<5	<0.01	0.01	<5	<0.1
*Std OREAS 750	396	16	0.07	0.08	<5	>30.0

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Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV839-001	324	0.59	173	90	<1	13
CV839-002	145	0.29	78	232	<1	13
CV839-003	105	0.41	104	235	<1	<5
CV839-004	122	0.76	247	194	<1	27
CV839-005	127	0.81	265	183	<1	33
CV839-006	171	1.19	416	118	<1	38
CV839-007	184	1.32	477	143	<1	32
CV839-008	218	1.15	426	139	<1	37
CV839-009	249	0.62	185	85	<1	<5
CV839-010	91	0.99	358	162	<1	<5
CV839-011	124	0.92	341	124	<1	<5
CV839-012	<10	0.01	<5	<5	<1	<5
CV839-013	143	1.03	390	121	<1	<5
CV839-014	163	0.78	360	115	<1	<5
CV839-015	156	0.88	374	100	<1	<5
CV839-016	92	0.34	88	188	<1	<5
CV839-017	173	0.39	112	79	<1	<5
CV839-018	80	0.14	25	91	<1	8
CV839-019	151	0.36	105	81	<1	<5
CV839-020	168	0.35	92	74	<1	<5
CV839-021	137	0.36	95	65	<1	<5
CV839-022	82	0.35	103	76	<1	<5
CV839-023	145	0.34	99	74	<1	<5
CV839-024	186	0.20	34	51	<1	<5
CV839-025	171	0.20	30	50	<1	<5
*Rep CV839-006	167	1.17	417	115	<1	45
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 750	74	0.15	26	62	<1	12

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Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV839-001	<0.1	<0.2	47.2	31.2	1.7	4.18
CV839-002	0.4	0.6	37.3	22.9	4.2	3.73
CV839-003	0.3	0.5	50.0	24.1	2.9	5.62
CV839-004	0.1	0.3	35.0	41.9	3.5	6.58
CV839-005	<0.1	0.3	30.7	42.8	3.0	6.32
CV839-006	<0.1	<0.2	25.4	52.9	1.7	7.58
CV839-007	<0.1	<0.2	24.1	63.4	0.2	8.20
CV839-008	<0.1	<0.2	20.6	62.8	0.2	7.09
CV839-009	<0.1	<0.2	54.0	32.8	1.6	4.54
CV839-010	<0.1	<0.2	15.0	54.3	1.8	5.81
CV839-011	<0.1	<0.2	14.2	51.7	1.0	5.44
CV839-012	<0.1	<0.2	5.8	0.9	0.3	0.40
CV839-013	<0.1	<0.2	15.0	52.5	1.0	5.51
CV839-014	<0.1	<0.2	11.6	43.5	0.5	5.06
CV839-015	<0.1	<0.2	26.7	44.9	0.6	5.83
CV839-016	0.1	0.3	33.0	14.2	2.7	3.39
CV839-017	<0.1	<0.2	37.8	21.2	2.1	3.15
CV839-018	2.0	1.2	34.8	3.6	48.5	2.72
CV839-019	<0.1	<0.2	37.1	20.5	1.5	3.50
CV839-020	<0.1	<0.2	38.6	14.1	2.4	3.00
CV839-021	<0.1	<0.2	37.6	14.5	2.5	3.09
CV839-022	<0.1	<0.2	36.3	22.6	1.1	3.55
CV839-023	0.1	<0.2	46.6	18.0	2.4	3.08
CV839-024	<0.1	<0.2	41.3	5.3	1.5	2.69
CV839-025	<0.1	<0.2	39.4	4.3	1.9	2.65
*Rep CV839-006	<0.1	<0.2	26.3	56.8	1.8	7.56
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 750	1.0	0.8	35.5	3.8	22.6	2.47

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Date: 30 Apr 2025

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

ANALYSIS REPORT BBM25-48802

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV839-001	2.42	1.33	18	4.26	2	4
CV839-002	2.34	1.08	14	3.41	1	4
CV839-003	3.43	1.36	17	5.26	2	5
CV839-004	4.16	1.69	21	5.89	2	5
CV839-005	3.95	1.54	20	5.72	2	4
CV839-006	4.65	1.66	22	6.45	2	4
CV839-007	5.15	1.77	23	6.86	2	4
CV839-008	4.41	1.53	21	5.88	2	4
CV839-009	2.60	1.49	20	4.80	1	4
CV839-010	3.70	1.39	19	4.86	2	3
CV839-011	3.50	1.32	20	4.52	2	2
CV839-012	0.27	0.07	<1	0.39	1	1
CV839-013	3.55	1.38	20	4.78	2	3
CV839-014	3.30	1.17	18	4.00	2	2
CV839-015	3.56	1.51	20	5.06	2	3
CV839-016	2.09	0.81	14	3.09	1	3
CV839-017	1.80	0.97	18	3.31	1	4
CV839-018	1.27	0.57	18	3.06	4	4
CV839-019	2.08	0.99	16	3.42	1	4
CV839-020	1.87	0.93	17	3.20	1	4
CV839-021	1.84	1.05	17	3.26	1	4
CV839-022	2.23	0.94	17	3.36	1	4
CV839-023	1.85	1.07	19	3.43	1	4
CV839-024	1.55	0.83	17	2.79	1	4
CV839-025	1.57	0.82	17	2.55	<1	4
*Rep CV839-006	4.67	1.65	22	6.61	2	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 750	1.32	0.64	13	2.93	3	3

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Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV839-001	0.79	<0.2	21.6	0.31	<2	7
CV839-002	0.75	0.2	16.6	0.34	4	6
CV839-003	1.13	<0.2	23.7	0.53	2	9
CV839-004	1.38	<0.2	15.6	0.60	<2	7
CV839-005	1.32	<0.2	13.6	0.56	<2	7
CV839-006	1.56	<0.2	10.7	0.64	<2	6
CV839-007	1.73	<0.2	9.8	0.71	<2	6
CV839-008	1.45	<0.2	8.4	0.62	<2	5
CV839-009	0.88	<0.2	24.8	0.37	<2	8
CV839-010	1.19	<0.2	5.9	0.52	<2	3
CV839-011	1.18	<0.2	5.9	0.50	<2	3
CV839-012	0.10	<0.2	2.5	<0.05	<2	<1
CV839-013	1.17	<0.2	6.0	0.50	<2	3
CV839-014	1.09	<0.2	4.7	0.54	<2	2
CV839-015	1.19	<0.2	11.9	0.48	<2	4
CV839-016	0.68	<0.2	15.8	0.30	<2	5
CV839-017	0.63	<0.2	18.3	0.26	2	6
CV839-018	0.47	<0.2	17.3	0.16	3	38
CV839-019	0.69	<0.2	18.7	0.31	<2	5
CV839-020	0.61	<0.2	19.6	0.25	<2	6
CV839-021	0.62	<0.2	19.0	0.27	<2	6
CV839-022	0.74	<0.2	18.2	0.34	<2	5
CV839-023	0.62	<0.2	24.1	0.25	<2	6
CV839-024	0.53	<0.2	22.5	0.24	<2	6
CV839-025	0.49	<0.2	21.1	0.23	<2	6
*Rep CV839-006	1.58	<0.2	11.3	0.64	<2	6
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 750	0.46	<0.2	17.6	0.16	2	21

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Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV839-001	23.7	<5	5.78	25.1	0.4	4.6
CV839-002	17.9	17	4.57	81.8	0.7	3.7
CV839-003	24.2	16	6.09	72.7	0.8	5.3
CV839-004	20.1	8	4.55	72.4	0.8	5.2
CV839-005	18.6	6	4.12	61.8	0.7	4.9
CV839-006	17.5	<5	3.64	36.6	0.5	5.1
CV839-007	18.0	<5	3.57	3.2	0.6	5.3
CV839-008	15.2	<5	3.03	2.1	0.6	4.6
CV839-009	26.4	<5	6.56	28.3	0.2	5.2
CV839-010	11.2	<5	2.27	9.2	0.4	3.6
CV839-011	10.6	<5	2.10	9.4	0.3	3.3
CV839-012	1.9	<5	0.53	2.5	0.2	0.4
CV839-013	11.5	<5	2.23	7.7	0.3	3.7
CV839-014	9.0	<5	1.75	4.8	0.2	2.8
CV839-015	16.5	<5	3.63	9.5	0.4	4.2
CV839-016	15.2	6	3.84	46.4	<0.1	3.1
CV839-017	17.5	5	4.38	46.3	0.2	3.4
CV839-018	16.4	20	4.17	553	0.5	3.3
CV839-019	17.0	<5	4.27	30.8	0.3	3.5
CV839-020	16.9	5	4.34	63.9	0.2	3.5
CV839-021	16.7	5	4.32	67.5	0.1	3.4
CV839-022	17.1	<5	4.23	31.5	0.3	3.5
CV839-023	20.3	9	5.34	72.2	0.2	3.9
CV839-024	16.1	7	4.39	52.6	0.2	2.9
CV839-025	15.5	7	4.23	52.3	0.2	3.0
*Rep CV839-006	18.0	<5	3.77	36.1	0.5	5.1
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std OREAS 750	16.5	16	4.22	257	0.4	3.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV839-001	<1	<0.5	0.63	2.2	<0.5	0.34
CV839-002	3	<0.5	0.55	5.3	0.6	0.33
CV839-003	2	0.6	0.86	6.3	0.6	0.50
CV839-004	2	0.5	0.96	2.8	0.5	0.59
CV839-005	2	<0.5	0.95	2.3	<0.5	0.57
CV839-006	1	<0.5	1.11	1.4	<0.5	0.65
CV839-007	1	<0.5	1.18	1.2	<0.5	0.76
CV839-008	1	<0.5	0.99	1.0	<0.5	0.63
CV839-009	1	<0.5	0.70	2.4	<0.5	0.37
CV839-010	<1	<0.5	0.83	0.7	<0.5	0.53
CV839-011	<1	<0.5	0.80	0.6	<0.5	0.49
CV839-012	<1	<0.5	0.06	1.3	<0.5	<0.05
CV839-013	<1	<0.5	0.81	0.7	<0.5	0.50
CV839-014	<1	<0.5	0.71	0.5	<0.5	0.49
CV839-015	<1	<0.5	0.85	1.3	<0.5	0.52
CV839-016	1	<0.5	0.51	2.9	<0.5	0.30
CV839-017	1	<0.5	0.51	3.2	<0.5	0.26
CV839-018	156	28.4	0.49	7.2	3.0	0.17
CV839-019	1	<0.5	0.53	3.1	<0.5	0.30
CV839-020	1	0.5	0.49	3.8	<0.5	0.26
CV839-021	1	<0.5	0.48	3.4	<0.5	0.26
CV839-022	1	<0.5	0.54	3.1	<0.5	0.32
CV839-023	1	0.6	0.51	6.0	<0.5	0.26
CV839-024	1	0.6	0.41	4.4	<0.5	0.24
CV839-025	2	0.6	0.41	4.4	<0.5	0.22
*Rep CV839-006	1	<0.5	1.10	1.5	<0.5	0.67
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 750	43	9.9	0.45	7.2	1.6	0.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 30 Apr 2025

ANALYSIS REPORT BBM25-48802

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV839-001	0.54	1	21.3	2.3	140	-
CV839-002	1.45	3	20.6	2.3	162	18
CV839-003	1.62	2	32.1	3.6	187	19
CV839-004	0.76	2	36.5	3.9	178	13
CV839-005	0.63	1	36.3	3.9	166	-
CV839-006	0.38	1	40.8	4.4	156	7
CV839-007	0.37	<1	44.3	5.0	156	7
CV839-008	0.28	<1	37.8	4.2	130	-
CV839-009	0.58	<1	24.7	2.5	158	-
CV839-010	0.21	<1	31.2	3.5	101	<5
CV839-011	0.17	<1	30.2	3.4	94.6	<5
CV839-012	0.39	<1	2.5	0.3	36.6	-
CV839-013	0.19	<1	31.2	3.4	104	6
CV839-014	0.16	<1	28.4	3.4	73.6	-
CV839-015	0.35	<1	31.2	3.4	124	-
CV839-016	0.75	<1	19.3	2.1	117	5
CV839-017	0.78	<1	17.5	1.7	162	-
CV839-018	7.51	7	13.2	1.2	106	-
CV839-019	0.71	1	19.4	2.1	151	-
CV839-020	0.92	2	16.7	1.7	171	-
CV839-021	0.83	1	17.0	1.8	162	<5
CV839-022	0.84	<1	20.7	2.2	158	-
CV839-023	1.75	2	17.4	1.9	152	-
CV839-024	1.21	<1	15.2	1.7	162	6
CV839-025	1.23	2	15.3	1.5	153	-
*Std OREAS L14	-	-	-	-	-	3200
*Rep CV839-002	-	-	-	-	-	15
*Blk BLANK	-	-	-	-	-	<5
*Rep CV839-006	0.40	1	40.4	4.4	152	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 30 Apr 2025

Order Number	CV25-839
Project	Corvette
Submission Number	Batch CDM-017
Number of Samples	25

ANALYSIS REPORT BBM25-48802

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 750	4.52	5	12.8	1.1	103	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-835	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	06 Apr 2025 - 22 Apr 2025
Submission Number	Batch CDM-015	Date Completed	22 Apr 2025
Number of Samples	16	SGS Order Number	BBM25-48803

Methods Summary

Number of Samples	Method Code	Description
16	G_WGH_KG	Weight of samples received
16	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
16	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
7	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-835
Project Corvette
Submission Number Batch CDM-015
Number of Samples 16

ANALYSIS REPORT BBM25-48803

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV835-001	3.24	8.41	15	323	<5	2.8
CV835-002	3.10	5.36	69	295	<5	0.9
CV835-003	4.44	5.55	36	415	<5	1.9
CV835-004	4.83	3.68	61	258	<5	2.1
CV835-005	-	4.30	46	322	<5	2.3
CV835-006	4.63	6.13	40	376	<5	2.2
CV835-007	1.40	7.99	12	424	<5	3.8
CV835-008	1.13	7.25	19	412	<5	4.2
CV835-009	3.55	7.42	95	227	<5	4.9
CV835-010	3.19	6.45	24	284	<5	1.3
CV835-011	1.06	6.30	<10	234	<5	1.3
CV835-012	0.50	0.19	33	12	<5	<0.1
CV835-013	3.23	6.68	25	405	<5	1.3
CV835-014	3.29	6.42	33	370	<5	1.1
CV835-015	3.54	6.84	133	301	<5	2.4
CV835-016	3.24	4.22	94	<10	<5	3.9
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 553	-	2.88	310	304	<5	5.3
*Std AMIS0341	-	8.43	430	146	208	0.6
*Std OREAS 750	-	5.43	14	410	38	0.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV835-001	140	34	4.02	1.5	30	0.91
CV835-002	223	79	8.01	2.3	17	0.67
CV835-003	194	61	7.52	2.0	15	0.68
CV835-004	255	87	12.17	1.5	19	0.92
CV835-005	244	88	11.44	1.8	20	1.05
CV835-006	201	63	8.41	2.2	21	0.80
CV835-007	178	70	6.13	1.0	23	1.67
CV835-008	177	94	9.11	1.1	28	1.69
CV835-009	306	48	8.57	0.9	28	2.43
CV835-010	198	18	2.24	0.9	18	0.59
CV835-011	258	26	2.11	1.0	14	0.49
CV835-012	315	<10	0.34	0.1	<10	0.02
CV835-013	220	15	1.68	1.2	10	0.40
CV835-014	213	18	2.34	1.6	16	0.53
CV835-015	289	26	2.05	1.5	29	1.09
CV835-016	2595	17	6.93	<0.1	<10	14.46
*Blk BLANK	11	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 553	43	5597	1.26	0.7	101	5.38
*Std AMIS0341	421	46	0.91	2.8	4931	0.21
*Std OREAS 750	35	20	1.67	1.8	2394	0.32

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV835-001	750	30	0.06	0.21	13	29.5
CV835-002	592	63	0.05	5.82	11	28.1
CV835-003	653	46	0.05	4.15	16	28.9
CV835-004	2869	50	0.04	6.68	11	27.4
CV835-005	2803	74	0.04	6.07	13	26.4
CV835-006	1114	46	0.06	4.34	18	26.8
CV835-007	1241	54	0.08	0.95	17	26.3
CV835-008	2180	60	0.07	1.70	16	26.2
CV835-009	3006	78	0.08	0.11	22	26.8
CV835-010	283	24	0.02	0.12	6	>30.0
CV835-011	361	25	0.02	0.25	5	>30.0
CV835-012	30	8	<0.01	<0.01	<5	>30.0
CV835-013	230	22	0.02	0.22	<5	>30.0
CV835-014	327	24	0.02	0.20	6	>30.0
CV835-015	354	20	0.03	0.13	8	>30.0
CV835-016	1100	1035	<0.01	0.05	25	20.8
*Blk BLANK	<10	9	<0.01	<0.01	<5	<0.1
*Std OREAS 553	1537	26	0.04	0.28	7	26.3
*Std AMIS0341	1637	24	0.28	0.03	<5	>30.0
*Std OREAS 750	381	16	0.07	0.07	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV835-001	206	0.36	95	110	<1	<5
CV835-002	86	0.23	58	420	<1	8
CV835-003	138	0.47	120	212	<1	6
CV835-004	113	0.25	83	220	<1	48
CV835-005	129	0.33	103	231	<1	47
CV835-006	154	0.47	120	349	<1	14
CV835-007	256	0.41	113	73	<1	7
CV835-008	184	0.38	109	77	<1	<5
CV835-009	183	0.45	149	93	<1	<5
CV835-010	172	0.18	43	37	<1	8
CV835-011	234	0.18	40	39	<1	10
CV835-012	<10	0.01	<5	<5	<1	<5
CV835-013	240	0.15	33	30	<1	25
CV835-014	178	0.19	46	42	<1	18
CV835-015	160	0.25	53	54	<1	<5
CV835-016	40	0.14	129	74	<1	639
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 553	55	0.20	75	48	<1	8
*Std AMIS0341	65	0.01	6	110	<1	24
*Std OREAS 750	74	0.15	28	64	<1	13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV835-001	0.1	<0.2	37.7	14.5	2.4	2.95
CV835-002	0.4	1.2	46.9	21.4	2.6	4.11
CV835-003	0.3	0.4	38.3	27.8	2.3	4.27
CV835-004	0.4	0.3	34.8	26.6	2.7	3.86
CV835-005	0.4	0.4	35.1	27.2	3.2	4.12
CV835-006	0.3	0.7	42.5	27.8	2.7	4.79
CV835-007	0.2	<0.2	40.8	40.5	1.6	3.27
CV835-008	0.1	<0.2	37.0	23.5	1.6	2.95
CV835-009	<0.1	<0.2	41.8	27.8	1.5	3.23
CV835-010	<0.1	<0.2	40.9	9.0	1.6	1.43
CV835-011	<0.1	<0.2	47.4	8.2	1.6	1.58
CV835-012	<0.1	<0.2	5.1	0.9	0.6	0.90
CV835-013	0.1	<0.2	38.9	6.7	1.8	1.22
CV835-014	0.1	<0.2	40.7	9.4	2.7	1.70
CV835-015	0.1	<0.2	40.4	11.1	6.3	1.66
CV835-016	<0.1	<0.2	3.9	84.8	1.3	1.30
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 553	2.3	0.2	55.3	6460	0.9	3.61
*Std AMIS0341	20.6	0.4	1.1	3.8	502	0.27
*Std OREAS 750	1.1	0.6	33.1	4.1	23.3	2.78

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV835-001	1.71	0.97	20	3.55	2	4
CV835-002	2.46	1.09	15	4.84	2	4
CV835-003	2.39	1.45	17	4.84	2	4
CV835-004	2.28	1.43	12	4.25	2	3
CV835-005	2.35	1.50	14	4.55	3	3
CV835-006	2.74	1.48	19	5.44	2	5
CV835-007	1.86	1.07	20	3.89	2	4
CV835-008	1.73	0.98	18	3.62	1	4
CV835-009	1.92	1.13	18	3.76	2	3
CV835-010	0.80	0.57	16	1.99	1	3
CV835-011	0.93	0.63	14	2.12	1	2
CV835-012	0.67	0.06	<1	0.64	1	2
CV835-013	0.68	0.55	17	1.76	1	3
CV835-014	1.02	0.56	16	2.00	1	3
CV835-015	0.77	0.79	18	2.34	1	4
CV835-016	0.91	0.27	8	1.17	2	<1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 553	1.90	0.88	9	4.69	1	3
*Std AMIS0341	0.13	<0.05	47	0.26	10	3
*Std OREAS 750	1.34	0.60	14	3.27	3	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

Order Number CV25-835
Project Corvette
Submission Number Batch CDM-015
Number of Samples 16

ANALYSIS REPORT BBM25-48803

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV835-001	0.62	<0.2	19.9	0.26	<2	7
CV835-002	0.90	<0.2	22.6	0.40	4	8
CV835-003	0.89	<0.2	17.5	0.36	4	8
CV835-004	0.81	<0.2	15.6	0.37	2	7
CV835-005	0.85	<0.2	15.8	0.35	3	6
CV835-006	1.00	<0.2	19.6	0.42	4	9
CV835-007	0.70	<0.2	20.3	0.29	<2	7
CV835-008	0.63	<0.2	18.3	0.27	<2	7
CV835-009	0.68	<0.2	19.8	0.29	<2	6
CV835-010	0.32	<0.2	22.3	0.13	<2	4
CV835-011	0.32	<0.2	26.0	0.14	<2	5
CV835-012	0.20	<0.2	2.7	0.13	<2	<1
CV835-013	0.25	<0.2	21.5	0.11	<2	3
CV835-014	0.37	<0.2	22.2	0.16	3	3
CV835-015	0.32	<0.2	21.6	0.12	<2	4
CV835-016	0.32	<0.2	1.5	0.14	<2	<1
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 553	0.75	0.2	33.4	0.26	3	10
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	132
*Std OREAS 750	0.52	<0.2	16.5	0.19	2	23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV835-001	17.7	6	4.42	56.2	0.2	3.6
CV835-002	23.2	15	5.55	86.8	3.6	4.7
CV835-003	21.5	9	4.86	70.3	2.6	4.7
CV835-004	19.1	16	4.31	57.3	2.4	4.1
CV835-005	19.2	18	4.39	67.8	2.2	4.2
CV835-006	23.5	17	5.24	72.3	2.9	5.0
CV835-007	20.4	<5	4.80	30.5	0.7	4.1
CV835-008	18.4	<5	4.44	32.4	0.7	3.7
CV835-009	21.8	<5	5.08	34.3	0.7	4.3
CV835-010	16.2	7	4.31	27.4	0.4	2.5
CV835-011	17.8	8	4.89	28.9	0.4	2.6
CV835-012	2.4	<5	0.61	2.3	0.2	0.6
CV835-013	14.7	7	4.07	34.7	0.5	2.2
CV835-014	15.7	8	4.31	49.1	0.4	2.4
CV835-015	17.4	8	4.44	43.7	0.4	2.9
CV835-016	2.8	<5	0.56	0.8	2.7	0.8
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1
*Std OREAS 553	26.0	12	6.53	25.3	0.4	4.6
*Std AMIS0341	0.6	11	0.12	4238	13.5	0.2
*Std OREAS 750	16.3	19	3.91	253	0.5	3.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-835
Project Corvette
Submission Number Batch CDM-015
Number of Samples 16

ANALYSIS REPORT BBM25-48803

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV835-001	1	0.5	0.51	4.2	0.6	0.27
CV835-002	2	0.5	0.70	5.0	0.9	0.39
CV835-003	2	0.6	0.72	3.4	1.0	0.36
CV835-004	3	<0.5	0.66	2.8	0.9	0.35
CV835-005	3	<0.5	0.69	2.9	1.1	0.35
CV835-006	2	0.7	0.80	4.2	1.3	0.41
CV835-007	1	<0.5	0.56	3.7	<0.5	0.29
CV835-008	1	<0.5	0.51	3.3	<0.5	0.26
CV835-009	<1	<0.5	0.54	2.7	<0.5	0.27
CV835-010	<1	<0.5	0.27	5.0	<0.5	0.13
CV835-011	<1	<0.5	0.30	5.5	<0.5	0.13
CV835-012	<1	<0.5	0.13	1.7	<0.5	0.12
CV835-013	<1	<0.5	0.22	4.4	<0.5	0.10
CV835-014	1	<0.5	0.28	4.7	<0.5	0.16
CV835-015	<1	<0.5	0.32	7.9	<0.5	0.12
CV835-016	<1	<0.5	0.20	0.3	<0.5	0.14
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 553	1	0.7	0.64	6.2	<0.5	0.28
*Std AMIS0341	83	797	0.05	5.5	44.2	<0.05
*Std OREAS 750	43	10.4	0.48	7.0	1.8	0.20

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-835
Project Corvette
Submission Number Batch CDM-015
Number of Samples 16

ANALYSIS REPORT BBM25-48803

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV835-001	1.05	<1	15.3	1.6	140	-
CV835-002	1.36	<1	21.1	2.5	129	12
CV835-003	0.90	1	20.2	2.3	120	9
CV835-004	0.75	<1	18.7	2.3	92.1	13
CV835-005	0.74	<1	20.0	2.3	94.3	-
CV835-006	1.09	2	23.5	2.7	136	12
CV835-007	0.87	<1	16.9	1.9	142	<5
CV835-008	0.78	<1	15.4	1.7	129	<5
CV835-009	0.66	<1	16.4	1.8	112	-
CV835-010	1.59	2	7.4	0.8	91.8	-
CV835-011	1.11	2	7.9	0.9	78.3	<5
CV835-012	0.56	<1	4.6	0.8	40.7	-
CV835-013	1.32	3	6.2	0.7	95.6	-
CV835-014	1.50	2	9.3	1.0	104	-
CV835-015	2.24	2	6.9	0.8	141	-
CV835-016	0.08	<1	7.3	0.9	23.4	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 553	24.27	1	17.3	1.7	103	-
*Std AMIS0341	13.65	5	1.8	0.1	19.5	-
*Std OREAS 750	4.93	7	13.9	1.3	105	-
*Std OREAS L12	-	-	-	-	-	615
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48803

Order Number	CV25-835
Project	Corvette
Submission Number	Batch CDM-015
Number of Samples	16

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48805

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-831	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	06 Apr 2025 - 23 Apr 2025
Submission Number	Batch CDM-013	Date Completed	23 Apr 2025
Number of Samples	13	SGS Order Number	BBM25-48805

Methods Summary

Number of Samples	Method Code	Description
13	G_WGH_KG	Weight of samples received
13	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
13	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
3	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48805

Order Number	CV25-831
Project	Corvette
Submission Number	Batch CDM-013
Number of Samples	13

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV831-001	3.81	7.29	<10	258	<5	8.1
CV831-002	1.60	2.86	421	208	<5	15.0
CV831-003	3.40	8.69	113	490	<5	2.5
CV831-004	1.12	8.47	60	452	<5	2.1
CV831-005	-	8.59	82	474	<5	2.1
CV831-006	3.60	7.26	11	778	<5	4.9
CV831-007	3.65	7.15	11	745	<5	5.0
CV831-008	3.32	6.31	25	279	<5	1.4
CV831-009	1.11	6.99	35	268	<5	1.5
CV831-010	3.23	6.89	30	381	<5	1.3
CV831-011	3.30	6.62	19	322	<5	1.2
CV831-012	0.50	0.19	29	18	<5	<0.1
CV831-013	3.43	6.69	37	360	<5	1.2
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0355	-	8.12	14	36	165	0.5
*Std OREAS 147	-	5.07	24	1933	33	1.2

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV831-001	834	92	10.91	0.3	30	4.17
CV831-002	153	46	2.84	0.3	10	0.86

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

ANALYSIS REPORT BBM25-48805

Order Number	CV25-831
Project	Corvette
Submission Number	Batch CDM-013
Number of Samples	13

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV831-003	302	40	5.06	2.6	65	1.66
CV831-004	264	41	5.46	2.8	69	1.39
CV831-005	286	52	5.13	2.9	60	1.19
CV831-006	121	22	10.78	1.7	15	2.16
CV831-007	75	20	10.38	1.5	16	2.12
CV831-008	257	22	2.31	1.3	16	0.53
CV831-009	197	30	2.87	1.3	17	0.62
CV831-010	259	16	2.26	1.4	15	0.52
CV831-011	233	23	2.13	1.2	17	0.51
CV831-012	381	<10	0.36	0.1	<10	0.02
CV831-013	318	25	2.48	1.4	16	0.57
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0355	299	335	1.24	1.4	7208	0.88
*Std OREAS 147	82	302	3.27	1.7	2258	0.56

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV831-001	3700	105	0.03	0.10	43	22.0
CV831-002	3139	16	0.02	0.06	15	22.2
CV831-003	759	45	0.05	0.26	19	28.5
CV831-004	737	42	0.04	0.52	19	27.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number CV25-831
Project Corvette
Submission Number Batch CDM-013
Number of Samples 13

ANALYSIS REPORT BBM25-48805

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV831-005	684	56	0.04	0.70	19	28.8
CV831-006	1480	25	0.16	0.16	26	23.9
CV831-007	1456	18	0.15	0.17	25	23.5
CV831-008	430	19	0.03	0.14	6	>30.0
CV831-009	459	21	0.02	0.23	6	>30.0
CV831-010	338	19	0.02	0.10	6	>30.0
CV831-011	325	21	0.03	0.13	6	>30.0
CV831-012	30	8	<0.01	<0.01	<5	>30.0
CV831-013	349	26	0.02	0.17	6	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0355	1016	149	0.04	0.05	<5	>30.0
*Std OREAS 147	405	21	0.17	0.03	9	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-001	103	0.54	285	98	<1	<5
CV831-002	116	0.17	141	38	<1	<5
CV831-003	103	0.42	132	96	<1	<5
CV831-004	90	0.41	130	100	<1	<5
CV831-005	90	0.39	128	89	<1	<5
CV831-006	343	1.17	245	144	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number CV25-831
Project Corvette
Submission Number Batch CDM-013
Number of Samples 13

ANALYSIS REPORT BBM25-48805

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-007	325	1.15	238	135	<1	<5
CV831-008	180	0.18	44	42	<1	<5
CV831-009	202	0.24	54	51	<1	<5
CV831-010	240	0.19	44	42	<1	6
CV831-011	232	0.17	42	40	<1	<5
CV831-012	<10	0.01	<5	<5	<1	<5
CV831-013	230	0.21	51	164	<1	7
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0355	56	0.04	17	85	<1	<5
*Std OREAS 147	301	0.48	63	139	<1	35

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-001	<0.1	<0.2	9.3	53.6	2.3	3.85
CV831-002	<0.1	<0.2	4.1	13.4	1.4	1.46
CV831-003	0.1	<0.2	58.0	24.4	6.3	6.19
CV831-004	0.2	<0.2	50.2	24.4	8.9	5.00
CV831-005	0.2	<0.2	43.5	25.7	8.1	3.50
CV831-006	<0.1	<0.2	50.0	49.4	11.0	4.64
CV831-007	<0.1	<0.2	47.8	46.8	14.9	4.75
CV831-008	<0.1	<0.2	37.2	9.3	2.2	1.56

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number	CV25-831
Project	Corvette
Submission Number	Batch CDM-013
Number of Samples	13

ANALYSIS REPORT BBM25-48805

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-009	0.2	<0.2	72.1	10.5	2.0	2.14
CV831-010	<0.1	<0.2	33.5	8.7	2.6	1.49
CV831-011	<0.1	<0.2	35.4	8.6	1.9	1.45
CV831-012	<0.1	<0.2	3.7	0.7	0.2	0.45
CV831-013	0.1	<0.2	44.6	10.3	2.6	1.74
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std AMIS0355	1.0	<0.2	5.5	48.9	258	0.95
*Std OREAS 147	13.6	0.7	1048	6.7	244	8.97

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-001	2.42	0.80	18	3.29	2	2
CV831-002	1.03	0.47	10	1.16	<1	<1
CV831-003	3.79	1.31	24	6.04	2	4
CV831-004	3.07	1.06	23	4.95	2	4
CV831-005	2.27	1.03	22	4.00	2	4
CV831-006	2.85	2.10	25	6.14	1	4
CV831-007	2.58	1.94	25	5.58	1	4
CV831-008	0.88	0.59	15	1.86	1	2
CV831-009	1.13	0.80	17	2.71	1	4
CV831-010	0.96	0.62	16	1.76	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number CV25-831
Project Corvette
Submission Number Batch CDM-013
Number of Samples 13

ANALYSIS REPORT BBM25-48805

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-011	0.82	0.55	15	1.80	1	2
CV831-012	0.23	0.05	<1	0.34	<1	<1
CV831-013	1.00	0.62	16	2.09	1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0355	0.23	0.08	75	1.19	7	3
*Std OREAS 147	2.72	10.60	20	22.01	3	6

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-001	0.92	<0.2	3.6	0.39	<2	2
CV831-002	0.35	<0.2	1.9	0.17	<2	<1
CV831-003	1.43	<0.2	27.2	0.58	<2	10
CV831-004	1.13	<0.2	23.2	0.49	<2	8
CV831-005	0.76	<0.2	22.0	0.32	<2	7
CV831-006	0.98	<0.2	24.9	0.37	<2	9
CV831-007	1.00	<0.2	23.0	0.36	<2	9
CV831-008	0.33	<0.2	20.1	0.16	<2	3
CV831-009	0.43	<0.2	39.4	0.18	<2	4
CV831-010	0.32	<0.2	18.1	0.14	<2	3
CV831-011	0.32	<0.2	19.2	0.15	<2	2
CV831-012	0.09	<0.2	2.0	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number CV25-831
Project Corvette
Submission Number Batch CDM-013
Number of Samples 13

ANALYSIS REPORT BBM25-48805

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-013	0.37	<0.2	24.0	0.16	<2	3
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0355	0.09	<0.2	2.9	<0.05	<2	47
*Std OREAS 147	1.45	2.8	639	0.24	8	972

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-001	7.5	<5	1.53	7.5	0.5	2.5
CV831-002	2.8	<5	0.60	12.6	0.2	0.9
CV831-003	28.2	11	7.65	102	0.1	5.9
CV831-004	24.0	10	6.57	101	0.1	5.1
CV831-005	21.6	11	5.44	97.6	0.2	4.3
CV831-006	28.1	8	6.49	47.7	<0.1	6.0
CV831-007	25.2	8	6.58	79.2	<0.1	5.4
CV831-008	14.0	8	4.29	39.2	0.2	2.1
CV831-009	24.4	10	8.12	36.2	0.2	3.6
CV831-010	12.6	9	3.92	43.4	0.2	2.1
CV831-011	13.1	10	4.03	37.7	0.1	2.1
CV831-012	1.8	<5	0.48	2.3	0.2	0.4
CV831-013	16.6	9	4.97	43.1	0.2	2.6
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 23 Apr 2025

Order Number	CV25-831
Project	Corvette
Submission Number	Batch CDM-013
Number of Samples	13

ANALYSIS REPORT BBM25-48805

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0355	2.2	8	0.67	3334	0.4	1.2
*Std OREAS 147	393	30	133	1094	9.7	48.4

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV831-001	<1	<0.5	0.63	0.6	<0.5	0.40
CV831-002	<1	<0.5	0.23	0.3	<0.5	0.16
CV831-003	1	0.7	1.03	5.5	0.5	0.63
CV831-004	1	0.6	0.85	4.8	0.5	0.50
CV831-005	1	0.5	0.62	4.0	<0.5	0.33
CV831-006	1	<0.5	0.85	2.7	<0.5	0.39
CV831-007	1	1.4	0.88	3.0	<0.5	0.38
CV831-008	<1	<0.5	0.27	4.3	<0.5	0.15
CV831-009	<1	<0.5	0.39	8.2	<0.5	0.18
CV831-010	<1	<0.5	0.25	3.9	<0.5	0.14
CV831-011	<1	<0.5	0.27	4.1	<0.5	0.14
CV831-012	<1	<0.5	0.06	1.0	<0.5	<0.05
CV831-013	<1	<0.5	0.33	5.1	<0.5	0.15
*Blk BLANK	<1	<0.5	<0.05	0.2	<0.5	<0.05
*Std AMIS0355	491	215	0.28	5.0	29.9	<0.05
*Std OREAS 147	736	17.2	2.42	101	12.0	0.33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 23 Apr 2025

Order Number CV25-831
Project Corvette
Submission Number Batch CDM-013
Number of Samples 13

ANALYSIS REPORT BBM25-48805

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV831-001	0.11	<1	20.8	2.3	47.6	-
CV831-002	0.06	<1	8.8	1.1	17.4	<5
CV831-003	1.57	1	32.7	3.8	131	-
CV831-004	1.31	1	25.4	3.0	128	20
CV831-005	1.27	2	20.2	2.3	132	-
CV831-006	0.42	<1	25.7	2.5	165	-
CV831-007	0.44	<1	24.3	2.3	140	-
CV831-008	1.20	1	8.4	0.9	87.9	-
CV831-009	1.66	1	10.6	1.1	141	6
CV831-010	1.38	1	7.9	0.9	99.1	-
CV831-011	1.17	2	7.8	0.8	84.4	-
CV831-012	0.28	<1	2.3	0.3	24.9	-
CV831-013	1.44	<1	9.3	1.0	104	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	1.1	-
*Std AMIS0355	6.63	2	4.7	0.2	22.4	-
*Std OREAS 147	18.01	6	27.7	1.7	198	-
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1330
*Std OREAS 250c	-	-	-	-	-	326
*Rep CV831-009	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-834	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	06 Apr 2025 - 22 Apr 2025
Submission Number	Batch CDM-014	Date Completed	22 Apr 2025
Number of Samples	18	SGS Order Number	BBM25-48809

Methods Summary

Number of Samples	Method Code	Description
18	G_WGH_KG	Weight of samples received
18	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
18	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
7	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV834-001	1.06	7.15	>10000	18	<5	3.1
CV834-002	3.76	7.83	371	174	<5	7.5
CV834-003	3.23	6.73	5574	136	<5	6.6
CV834-004	3.75	7.16	126	85	<5	6.0
CV834-005	-	7.19	104	80	<5	5.6
CV834-006	1.41	6.81	6066	141	<5	4.4
CV834-007	3.77	7.44	27	46	<5	7.4
CV834-008	3.81	7.42	57	28	<5	7.8
CV834-009	3.76	7.84	711	85	<5	6.8
CV834-010	1.15	4.14	4786	28	<5	2.7
CV834-011	3.97	7.33	64	91	<5	6.2
CV834-012	0.50	0.22	11	16	<5	<0.1
CV834-013	1.16	6.29	<10	348	<5	4.6
CV834-014	3.85	7.06	23	76	<5	6.3
CV834-015	2.89	6.05	13	72	<5	6.0
CV834-016	3.64	7.11	62	770	<5	8.9
CV834-017	1.21	8.17	1337	1078	<5	8.5
CV834-018	0.01	8.43	16	16	115	0.2
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV834-007	-	7.42	24	50	<5	7.3
*Std OREAS 553	-	2.88	310	304	<5	5.3
*Std AMIS0341	-	8.43	430	146	208	0.6
*Std OREAS 750	-	5.43	14	410	38	0.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV834-001	399	13	4.32	0.1	23	2.37
CV834-002	213	193	7.69	0.6	47	3.38
CV834-003	694	64	8.31	0.7	44	5.94
CV834-004	407	107	7.59	0.3	17	5.22
CV834-005	410	81	7.70	0.3	20	5.42
CV834-006	365	356	7.78	0.5	22	2.67
CV834-007	345	91	8.50	0.2	19	3.69
CV834-008	332	93	8.82	0.2	25	3.93
CV834-009	367	171	7.26	0.3	18	3.20
CV834-010	199	13	4.81	0.2	14	1.75
CV834-011	135	153	9.52	0.2	24	2.80
CV834-012	409	<10	0.41	0.1	<10	0.03
CV834-013	164	107	7.97	0.6	51	2.55
CV834-014	870	191	7.70	0.2	27	3.45
CV834-015	1193	112	5.22	0.1	26	3.63
CV834-016	1051	156	6.71	0.5	32	5.65
CV834-017	362	69	6.41	0.8	77	4.35
CV834-018	27	17	0.86	2.0	10176	0.01
*Blk BLANK	11	<10	<0.01	<0.1	<10	<0.01
*Rep CV834-007	334	92	8.50	0.2	21	3.69
*Std OREAS 553	43	5597	1.26	0.7	101	5.38
*Std AMIS0341	421	46	0.91	2.8	4931	0.21
*Std OREAS 750	35	20	1.67	1.8	2394	0.32

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV834-001	499	48	0.01	<0.01	20	29.4
CV834-002	1542	69	0.01	0.05	46	24.4
CV834-003	1637	226	0.04	0.24	39	22.5
CV834-004	1591	75	0.02	0.01	46	24.2
CV834-005	1548	80	0.02	0.02	47	24.0
CV834-006	1332	63	0.02	0.53	38	25.7
CV834-007	1944	82	0.02	0.04	48	23.6
CV834-008	1983	78	0.02	0.08	48	22.9
CV834-009	1512	75	0.02	0.04	50	25.3
CV834-010	785	20	0.02	0.02	31	>30.0
CV834-011	3496	51	0.05	0.21	45	25.0
CV834-012	34	7	<0.01	<0.01	<5	>30.0
CV834-013	2394	50	0.04	0.14	51	27.2
CV834-014	2495	192	0.03	0.15	41	24.6
CV834-015	1359	327	0.01	0.26	38	25.9
CV834-016	1993	274	<0.01	0.01	44	22.2
CV834-017	2924	190	<0.01	0.02	36	21.5
CV834-018	731	14	0.11	0.02	<5	>30.0
*Blk BLANK	<10	9	<0.01	<0.01	<5	<0.1
*Rep CV834-007	1937	80	0.02	0.05	47	23.5
*Std OREAS 553	1537	26	0.04	0.28	7	26.3
*Std AMIS0341	1637	24	0.28	0.03	<5	>30.0
*Std OREAS 750	381	16	0.07	0.07	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV834-001	114	0.24	158	58	<1	<5
CV834-002	89	0.32	252	73	<1	11
CV834-003	147	0.40	229	93	<1	232
CV834-004	132	0.33	242	72	<1	<5
CV834-005	133	0.33	242	77	<1	<5
CV834-006	69	0.30	211	72	<1	11
CV834-007	103	0.37	263	82	<1	7
CV834-008	81	0.38	261	84	<1	10
CV834-009	86	0.40	276	74	<1	40
CV834-010	50	0.27	191	53	<1	<5
CV834-011	131	0.78	352	96	<1	25
CV834-012	<10	0.01	6	6	<1	<5
CV834-013	118	0.77	358	102	<1	25
CV834-014	127	0.65	315	92	<1	32
CV834-015	124	0.45	268	67	<1	17
CV834-016	161	0.27	201	62	<1	6
CV834-017	156	0.25	178	62	<1	<5
CV834-018	30	<0.01	<5	87	<1	5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV834-007	102	0.38	261	82	<1	12
*Std OREAS 553	55	0.20	75	48	<1	8
*Std AMIS0341	65	0.01	6	110	<1	24
*Std OREAS 750	74	0.15	28	64	<1	13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV834-001	0.5	<0.2	3.0	24.7	2.2	0.76
CV834-002	<0.1	<0.2	5.1	46.7	18.1	2.40
CV834-003	0.7	0.2	15.7	49.5	370	3.26
CV834-004	<0.1	<0.2	5.8	45.9	4.8	2.71
CV834-005	<0.1	<0.2	5.6	47.6	5.3	2.64
CV834-006	0.4	<0.2	4.6	40.0	8.4	2.21
CV834-007	<0.1	<0.2	6.5	46.3	3.8	3.16
CV834-008	<0.1	<0.2	6.7	48.6	3.1	3.08
CV834-009	<0.1	<0.2	6.9	48.3	12.9	2.96
CV834-010	<0.1	<0.2	4.5	22.0	1.9	2.60
CV834-011	<0.1	<0.2	14.9	55.9	2.9	5.10
CV834-012	<0.1	<0.2	4.7	0.9	0.3	0.46
CV834-013	<0.1	<0.2	14.0	45.7	10.6	5.25
CV834-014	<0.1	<0.2	10.6	75.1	2.0	3.99
CV834-015	<0.1	<0.2	7.0	92.2	3.0	2.93
CV834-016	<0.1	<0.2	3.5	46.2	22.3	1.79
CV834-017	<0.1	<0.2	2.9	43.6	12.4	1.60
CV834-018	2.2	2.0	1.0	1.0	62.5	0.15
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Rep CV834-007	<0.1	<0.2	6.6	51.0	4.9	3.02
*Std OREAS 553	2.3	0.2	55.3	6460	0.9	3.61
*Std AMIS0341	20.6	0.4	1.1	3.8	502	0.27
*Std OREAS 750	1.1	0.6	33.1	4.1	23.3	2.78

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-834
Project Corvette
Submission Number Batch CDM-014
Number of Samples 18

ANALYSIS REPORT BBM25-48809

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV834-001	0.48	0.18	16	0.65	2	<1
CV834-002	1.57	0.48	16	1.99	2	1
CV834-003	1.97	0.75	17	3.08	3	2
CV834-004	1.78	0.52	16	2.26	2	1
CV834-005	1.81	0.51	16	2.32	2	1
CV834-006	1.40	0.42	16	1.87	3	1
CV834-007	2.01	0.58	17	2.53	2	1
CV834-008	2.06	0.61	17	2.65	2	1
CV834-009	2.00	0.57	18	2.56	2	1
CV834-010	1.63	0.38	11	2.20	2	1
CV834-011	3.21	1.13	24	4.94	2	3
CV834-012	0.29	0.05	<1	0.43	1	2
CV834-013	3.06	1.15	21	4.75	2	3
CV834-014	2.27	0.89	21	4.01	2	2
CV834-015	1.68	0.66	17	3.08	2	1
CV834-016	0.93	0.48	14	1.63	2	<1
CV834-017	0.88	0.52	16	1.50	2	<1
CV834-018	<0.05	<0.05	17	0.18	7	1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV834-007	2.01	0.57	17	2.60	2	1
*Std OREAS 553	1.90	0.88	9	4.69	1	3
*Std AMIS0341	0.13	<0.05	47	0.26	10	3
*Std OREAS 750	1.34	0.60	14	3.27	3	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV834-001	0.17	<0.2	1.5	0.08	<2	<1
CV834-002	0.54	<0.2	2.3	0.25	<2	1
CV834-003	0.72	<0.2	7.3	0.31	<2	4
CV834-004	0.62	<0.2	2.4	0.29	<2	1
CV834-005	0.61	<0.2	2.4	0.28	<2	1
CV834-006	0.51	<0.2	2.0	0.23	5	<1
CV834-007	0.69	<0.2	2.8	0.33	<2	1
CV834-008	0.71	<0.2	2.8	0.34	<2	1
CV834-009	0.67	<0.2	3.0	0.32	<2	1
CV834-010	0.60	<0.2	1.9	0.24	<2	2
CV834-011	1.14	<0.2	6.0	0.47	<2	4
CV834-012	0.10	<0.2	2.6	0.06	<2	<1
CV834-013	1.09	<0.2	5.5	0.43	<2	4
CV834-014	0.83	<0.2	3.9	0.34	<2	3
CV834-015	0.63	<0.2	2.5	0.22	<2	2
CV834-016	0.37	<0.2	1.3	0.13	<2	<1
CV834-017	0.33	<0.2	1.1	0.12	<2	<1
CV834-018	<0.05	<0.2	0.5	<0.05	3	40
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV834-007	0.72	<0.2	2.8	0.33	<2	1
*Std OREAS 553	0.75	0.2	33.4	0.26	3	10
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	132
*Std OREAS 750	0.52	<0.2	16.5	0.19	2	23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-834
Project Corvette
Submission Number Batch CDM-014
Number of Samples 18

ANALYSIS REPORT BBM25-48809

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV834-001	1.8	<5	0.38	4.9	0.2	0.5
CV834-002	3.8	<5	0.73	35.7	0.3	1.3
CV834-003	9.9	<5	2.06	168	1.0	2.6
CV834-004	4.5	<5	0.83	19.8	0.3	1.5
CV834-005	4.2	<5	0.82	14.6	0.3	1.5
CV834-006	3.7	<5	0.68	30.8	0.2	1.2
CV834-007	5.0	<5	0.94	3.6	0.3	1.7
CV834-008	5.2	<5	0.96	2.0	0.4	1.7
CV834-009	5.2	<5	0.95	9.5	0.3	1.7
CV834-010	3.7	<5	0.66	4.6	0.2	1.4
CV834-011	12.0	<5	2.29	4.0	0.4	3.7
CV834-012	2.3	<5	0.58	2.9	0.2	0.5
CV834-013	11.3	<5	2.09	20.6	0.3	3.5
CV834-014	9.1	<5	1.64	4.2	0.5	3.1
CV834-015	6.7	<5	1.16	3.7	0.5	2.3
CV834-016	3.4	<5	0.59	25.8	0.3	1.3
CV834-017	2.8	<5	0.48	39.8	0.2	1.0
CV834-018	0.4	11	0.10	671	0.3	0.1
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1
*Rep CV834-007	5.2	<5	0.94	4.6	0.3	1.8
*Std OREAS 553	26.0	12	6.53	25.3	0.4	4.6
*Std AMIS0341	0.6	11	0.12	4238	13.5	0.2
*Std OREAS 750	16.3	19	3.91	253	0.5	3.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-834
Project Corvette
Submission Number Batch CDM-014
Number of Samples 18

ANALYSIS REPORT BBM25-48809

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV834-001	10	<0.5	0.11	0.1	<0.5	0.08
CV834-002	<1	<0.5	0.35	0.3	<0.5	0.26
CV834-003	12	<0.5	0.52	2.4	1.3	0.31
CV834-004	<1	<0.5	0.41	0.4	<0.5	0.28
CV834-005	<1	<0.5	0.40	0.4	<0.5	0.28
CV834-006	19	<0.5	0.33	0.3	<0.5	0.22
CV834-007	<1	<0.5	0.45	0.4	<0.5	0.32
CV834-008	<1	<0.5	0.47	0.5	<0.5	0.32
CV834-009	<1	<0.5	0.46	0.4	<0.5	0.31
CV834-010	8	<0.5	0.39	0.3	<0.5	0.25
CV834-011	1	<0.5	0.83	0.8	<0.5	0.48
CV834-012	<1	<0.5	0.07	1.4	<0.5	<0.05
CV834-013	<1	<0.5	0.80	0.8	<0.5	0.47
CV834-014	<1	<0.5	0.65	0.5	<0.5	0.36
CV834-015	<1	<0.5	0.50	0.3	<0.5	0.25
CV834-016	<1	<0.5	0.29	0.1	<0.5	0.14
CV834-017	<1	<0.5	0.24	<0.1	<0.5	0.13
CV834-018	134	20.7	<0.05	0.3	4.5	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Rep CV834-007	<1	<0.5	0.44	0.4	<0.5	0.31
*Std OREAS 553	1	0.7	0.64	6.2	<0.5	0.28
*Std AMIS0341	83	797	0.05	5.5	44.2	<0.05
*Std OREAS 750	43	10.4	0.48	7.0	1.8	0.20

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV834-001	<0.05	3	4.0	0.5	11.8	7
CV834-002	0.09	<1	12.9	1.6	29.8	-
CV834-003	0.52	23	17.1	2.0	61.6	34
CV834-004	0.10	<1	14.5	1.9	33.6	-
CV834-005	0.11	<1	14.6	1.9	34.2	-
CV834-006	0.09	545	12.0	1.5	29.4	18
CV834-007	0.11	2	16.8	2.1	37.3	-
CV834-008	0.11	<1	17.5	2.1	38.5	-
CV834-009	0.12	<1	15.5	2.0	38.7	-
CV834-010	0.08	<1	13.5	1.6	29.4	<5
CV834-011	0.20	<1	26.5	3.1	82.2	-
CV834-012	0.41	<1	2.4	0.3	37.6	-
CV834-013	0.19	2	25.0	2.8	81.2	<5
CV834-014	0.11	<1	18.9	2.2	62.4	-
CV834-015	0.07	<1	13.5	1.5	43.6	<5
CV834-016	<0.05	<1	8.5	0.8	19.4	-
CV834-017	<0.05	<1	8.1	0.8	16.3	<5
CV834-018	6.65	6	0.7	<0.1	10.4	-
*Std OREAS L12	-	-	-	-	-	615
*Rep CV834-006	-	-	-	-	-	22
*Blk BLANK	-	-	-	-	-	<5
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Rep CV834-007	0.11	1	16.9	2.1	37.5	-
*Std OREAS 553	24.27	1	17.3	1.7	103	-
*Std AMIS0341	13.65	5	1.8	0.1	19.5	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48809

Order Number	CV25-834
Project	Corvette
Submission Number	Batch CDM-014
Number of Samples	18

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std OREAS 750	4.93	7	13.9	1.3	105	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-826	Date Received	02 Apr 2025
Project	Corvette	Date Analysed	06 Apr 2025 - 22 Apr 2025
Submission Number	Batch CDM-012	Date Completed	22 Apr 2025
Number of Samples	15	SGS Order Number	BBM25-48846

Methods Summary

Number of Samples	Method Code	Description
15	G_WGH_KG	Weight of samples received
15	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
15	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
4	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV826-001	1.18	8.95	119	332	<5	5.6
CV826-002	3.47	7.63	29	393	<5	3.8
CV826-003	1.98	5.91	78	425	<5	2.3
CV826-004	3.78	6.70	<10	193	<5	7.0
CV826-005	-	6.71	<10	175	<5	6.9
CV826-006	3.67	7.38	<10	75	<5	6.4
CV826-007	3.76	6.89	145	16	<5	7.2
CV826-008	3.56	8.00	136	499	<5	5.1
CV826-009	1.22	9.23	>10000	32	<5	4.8
CV826-010	3.35	3.86	66	84	<5	3.6
CV826-011	1.06	3.90	6330	23	<5	0.3
CV826-012	0.51	0.20	20	14	<5	<0.1
CV826-013	4.48	3.67	122	92	<5	0.6
CV826-014	4.63	4.51	107	108	<5	1.0
CV826-015	3.38	6.73	332	309	<5	0.2
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 553	-	2.88	310	304	<5	5.3
*Std AMIS0341	-	8.43	430	146	208	0.6
*Std OREAS 750	-	5.43	14	410	38	0.9
*Rep CV826-005	-	6.73	<10	178	<5	6.9
*Rep CV826-015	-	6.82	340	313	<5	0.3
*Std OREAS 149	-	8.02	33	2835	29	1.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV826-001	240	35	5.07	1.9	39	1.15
CV826-002	247	33	5.32	2.3	50	1.08
CV826-003	317	115	10.68	2.1	65	1.44
CV826-004	512	77	7.95	0.5	22	4.73
CV826-005	487	78	7.91	0.5	21	4.70
CV826-006	238	129	7.73	0.2	16	4.40
CV826-007	804	183	12.27	0.1	31	4.85
CV826-008	491	115	6.86	1.9	46	2.67
CV826-009	1075	11	8.03	0.2	24	6.17
CV826-010	2295	<10	6.48	0.6	35	14.30
CV826-011	379	<10	1.91	0.2	24	2.03
CV826-012	376	<10	0.36	0.1	<10	0.02
CV826-013	351	17	2.30	1.2	36	0.72
CV826-014	369	30	2.92	1.2	48	1.03
CV826-015	346	20	2.00	2.1	44	0.70
*Blk BLANK	11	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 553	43	5597	1.26	0.7	101	5.38
*Std AMIS0341	421	46	0.91	2.8	4931	0.21
*Std OREAS 750	35	20	1.67	1.8	2394	0.32
*Rep CV826-005	489	82	7.95	0.5	22	4.73
*Rep CV826-015	341	20	2.01	2.1	45	0.71
*Std OREAS 149	108	329	4.34	1.5	10249	0.57
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV826-001	1224	65	0.05	0.18	18	23.9
CV826-002	1282	58	0.06	0.13	16	28.7
CV826-003	877	64	0.05	5.53	15	24.9
CV826-004	1457	60	0.12	0.02	34	23.3
CV826-005	1463	61	0.13	0.01	34	23.5
CV826-006	2007	84	0.03	0.03	41	23.4
CV826-007	3013	195	0.04	0.22	42	20.6
CV826-008	1433	89	0.02	0.33	38	26.0
CV826-009	1220	278	0.18	0.01	53	19.3
CV826-010	963	984	0.01	0.02	25	22.2
CV826-011	127	49	<0.01	<0.01	<5	>30.0
CV826-012	23	10	<0.01	<0.01	<5	>30.0
CV826-013	226	24	0.01	0.78	<5	>30.0
CV826-014	365	24	<0.01	0.91	<5	>30.0
CV826-015	174	30	<0.01	0.43	6	>30.0
*Blk BLANK	<10	9	<0.01	<0.01	<5	<0.1
*Std OREAS 553	1537	26	0.04	0.28	7	26.3
*Std AMIS0341	1637	24	0.28	0.03	<5	>30.0
*Std OREAS 750	381	16	0.07	0.07	<5	>30.0
*Rep CV826-005	1470	63	0.13	0.01	34	23.5
*Rep CV826-015	174	27	<0.01	0.44	6	>30.0
*Std OREAS 149	464	37	0.11	0.04	8	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV826-001	168	0.36	114	82	<1	765
CV826-002	125	0.35	97	72	<1	62
CV826-003	70	0.28	93	60	<1	95
CV826-004	341	0.47	224	90	<1	<5
CV826-005	344	0.47	224	91	<1	10
CV826-006	176	0.70	315	88	<1	6
CV826-007	126	0.55	300	125	<1	40
CV826-008	145	0.41	250	84	<1	18
CV826-009	325	0.72	316	89	<1	160
CV826-010	22	0.13	117	71	<1	721
CV826-011	332	0.15	44	21	<1	<5
CV826-012	<10	0.01	6	<5	<1	<5
CV826-013	40	0.10	25	25	<1	6
CV826-014	61	0.13	30	47	<1	<5
CV826-015	33	0.23	46	38	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 553	55	0.20	75	48	<1	8
*Std AMIS0341	65	0.01	6	110	<1	24
*Std OREAS 750	74	0.15	28	64	<1	13
*Rep CV826-005	341	0.47	224	92	<1	<5
*Rep CV826-015	34	0.24	47	37	<1	<5
*Std OREAS 149	229	0.38	77	356	<1	154
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV826-001	0.1	<0.2	43.5	33.3	2.7	3.70
CV826-002	<0.1	<0.2	34.6	20.8	4.8	2.77
CV826-003	0.8	<0.2	28.3	24.4	6.7	2.39
CV826-004	<0.1	<0.2	32.7	41.8	3.6	3.44
CV826-005	<0.1	<0.2	31.5	43.5	3.1	3.39
CV826-006	<0.1	<0.2	11.1	49.5	0.4	3.98
CV826-007	<0.1	<0.2	13.0	68.5	0.4	3.70
CV826-008	<0.1	<0.2	7.2	39.9	19.5	2.91
CV826-009	0.1	<0.2	12.9	57.5	1.8	3.67
CV826-010	0.4	<0.2	4.5	77.3	66.1	1.37
CV826-011	<0.1	<0.2	22.7	9.2	5.6	0.53
CV826-012	<0.1	<0.2	5.0	1.0	0.2	0.38
CV826-013	0.2	<0.2	22.8	9.0	4.2	0.72
CV826-014	0.2	<0.2	22.7	11.5	5.8	0.76
CV826-015	0.2	<0.2	38.5	9.5	6.3	0.96
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 553	2.3	0.2	55.3	6460	0.9	3.61
*Std AMIS0341	20.6	0.4	1.1	3.8	502	0.27
*Std OREAS 750	1.1	0.6	33.1	4.1	23.3	2.78
*Rep CV826-005	<0.1	<0.2	32.6	42.0	3.1	3.51
*Rep CV826-015	0.2	<0.2	41.0	9.0	6.4	0.99
*Std OREAS 149	53.4	1.3	473	8.5	375	4.42
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV826-001	2.44	1.25	21	4.25	2	5
CV826-002	1.75	0.86	19	3.23	2	4
CV826-003	1.47	0.88	16	2.83	2	3
CV826-004	1.96	1.18	18	4.33	3	2
CV826-005	1.95	1.22	18	4.12	3	2
CV826-006	2.22	1.01	21	4.08	2	2
CV826-007	2.12	0.89	22	3.67	3	2
CV826-008	1.90	0.57	17	2.54	2	1
CV826-009	2.28	0.77	25	3.50	2	2
CV826-010	0.90	0.31	8	1.21	3	<1
CV826-011	0.28	0.31	11	0.78	<1	3
CV826-012	0.23	0.06	<1	0.35	1	1
CV826-013	0.42	0.42	9	1.12	1	2
CV826-014	0.50	0.41	10	1.01	1	2
CV826-015	0.60	0.50	16	1.39	1	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 553	1.90	0.88	9	4.69	1	3
*Std AMIS0341	0.13	<0.05	47	0.26	10	3
*Std OREAS 750	1.34	0.60	14	3.27	3	4
*Rep CV826-005	2.00	1.23	18	4.24	3	2
*Rep CV826-015	0.63	0.50	17	1.43	1	4
*Std OREAS 149	2.00	4.50	50	9.97	7	6
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-826
Project Corvette
Submission Number Batch CDM-012
Number of Samples 15

ANALYSIS REPORT BBM25-48846

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV826-001	0.86	<0.2	23.9	0.36	<2	7
CV826-002	0.62	<0.2	17.7	0.28	<2	6
CV826-003	0.52	<0.2	13.4	0.25	4	5
CV826-004	0.71	<0.2	15.1	0.30	<2	3
CV826-005	0.73	<0.2	14.3	0.30	<2	3
CV826-006	0.84	<0.2	4.0	0.32	<2	4
CV826-007	0.82	<0.2	5.3	0.31	<2	3
CV826-008	0.63	<0.2	3.2	0.30	<2	2
CV826-009	0.82	<0.2	5.9	0.35	<2	7
CV826-010	0.31	<0.2	1.9	0.15	<2	1
CV826-011	0.11	<0.2	13.1	0.06	<2	<1
CV826-012	0.07	<0.2	2.5	<0.05	<2	<1
CV826-013	0.15	<0.2	13.3	0.06	2	<1
CV826-014	0.16	<0.2	13.4	0.08	3	<1
CV826-015	0.20	<0.2	23.1	0.09	2	3
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 553	0.75	0.2	33.4	0.26	3	10
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	132
*Std OREAS 750	0.52	<0.2	16.5	0.19	2	23
*Rep CV826-005	0.70	<0.2	14.8	0.30	<2	3
*Rep CV826-015	0.19	<0.2	24.1	0.10	2	3
*Std OREAS 149	0.82	11.7	283	0.22	11	6695
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV826-001	20.2	<5	4.86	54.7	2.0	4.2
CV826-002	16.4	5	3.97	92.2	0.5	3.3
CV826-003	14.2	16	3.39	78.7	0.4	3.0
CV826-004	20.5	6	4.30	18.0	0.4	4.4
CV826-005	20.1	6	4.25	15.7	0.3	4.3
CV826-006	9.9	<5	1.76	3.7	0.4	3.1
CV826-007	10.1	<5	1.91	1.4	0.7	2.8
CV826-008	5.5	<5	1.03	79.2	0.2	1.8
CV826-009	8.6	<5	1.72	5.1	0.7	2.6
CV826-010	3.3	<5	0.63	45.0	1.9	0.9
CV826-011	8.3	<5	2.29	6.1	0.1	1.2
CV826-012	2.3	<5	0.59	2.7	0.3	0.4
CV826-013	8.4	8	2.47	34.5	0.7	1.5
CV826-014	8.4	10	2.44	37.0	0.8	1.3
CV826-015	14.1	10	4.11	44.6	1.8	2.0
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1
*Std OREAS 553	26.0	12	6.53	25.3	0.4	4.6
*Std AMIS0341	0.6	11	0.12	4238	13.5	0.2
*Std OREAS 750	16.3	19	3.91	253	0.5	3.4
*Rep CV826-005	20.3	6	4.25	16.0	0.4	4.6
*Rep CV826-015	14.8	10	4.28	45.2	1.8	2.2
*Std OREAS 149	160	42	51.02	886	28.9	20.6
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

Order Number CV25-826
Project Corvette
Submission Number Batch CDM-012
Number of Samples 15

ANALYSIS REPORT BBM25-48846

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV826-001	1	<0.5	0.61	4.4	<0.5	0.37
CV826-002	1	0.5	0.47	3.7	0.5	0.27
CV826-003	<1	<0.5	0.42	4.9	<0.5	0.23
CV826-004	<1	<0.5	0.59	2.6	<0.5	0.30
CV826-005	<1	<0.5	0.57	2.5	<0.5	0.29
CV826-006	<1	<0.5	0.65	0.4	<0.5	0.35
CV826-007	<1	<0.5	0.60	0.8	<0.5	0.32
CV826-008	<1	<0.5	0.44	0.5	<0.5	0.29
CV826-009	3	<0.5	0.58	1.4	<0.5	0.37
CV826-010	<1	<0.5	0.21	0.3	<0.5	0.15
CV826-011	<1	0.8	0.10	5.5	<0.5	<0.05
CV826-012	<1	<0.5	0.05	1.4	<0.5	<0.05
CV826-013	<1	<0.5	0.14	3.1	<0.5	0.06
CV826-014	<1	<0.5	0.15	3.7	<0.5	0.07
CV826-015	<1	<0.5	0.17	6.0	<0.5	0.08
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 553	1	0.7	0.64	6.2	<0.5	0.28
*Std AMIS0341	83	797	0.05	5.5	44.2	<0.05
*Std OREAS 750	43	10.4	0.48	7.0	1.8	0.20
*Rep CV826-005	<1	<0.5	0.59	2.6	<0.5	0.30
*Rep CV826-015	<1	<0.5	0.19	6.3	<0.5	0.10
*Std OREAS 149	3423	28.9	1.11	125	7.8	0.24
*Blk BLANK	<1	<0.5	<0.05	0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Apr 2025

Order Number CV25-826
Project Corvette
Submission Number Batch CDM-012
Number of Samples 15

ANALYSIS REPORT BBM25-48846

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV826-001	1.09	3	21.6	2.4	159	-
CV826-002	0.89	1	15.1	1.8	144	-
CV826-003	1.38	2	13.0	1.5	91.9	127
CV826-004	0.76	<1	17.3	2.0	63.6	-
CV826-005	0.79	<1	17.5	1.9	64.1	-
CV826-006	0.11	<1	19.0	2.0	61.4	-
CV826-007	0.22	<1	18.4	2.1	54.5	-
CV826-008	0.14	2	15.0	1.8	39.2	-
CV826-009	0.57	2	18.8	2.3	69.8	-
CV826-010	0.17	<1	7.5	1.0	20.8	-
CV826-011	2.39	<1	2.3	0.3	105	7
CV826-012	0.40	<1	1.9	0.2	31.2	-
CV826-013	1.39	<1	3.9	0.4	65.1	31
CV826-014	1.76	<1	4.9	0.5	89.7	31
CV826-015	2.56	2	5.0	0.6	156	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 553	24.27	1	17.3	1.7	103	-
*Std AMIS0341	13.65	5	1.8	0.1	19.5	-
*Std OREAS 750	4.93	7	13.9	1.3	105	-
*Rep CV826-005	0.79	<1	17.0	1.9	65.0	-
*Std OREAS L12	-	-	-	-	-	615
*Blk BLANK	-	-	-	-	-	<5
*Rep CV826-015	3.09	2	5.3	0.6	179	-
*Std OREAS 149	26.18	14	19.5	1.6	201	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Apr 2025

ANALYSIS REPORT BBM25-48846

Order Number	CV25-826
Project	Corvette
Submission Number	Batch CDM-012
Number of Samples	15

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

To INNOVA LITHIUM INC
Att: DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-848	Date Received	14 Apr 2025
Project	Corvette	Date Analysed	19 Apr 2025 - 10 Jun 2025
Submission Number	Batch CDM-022	Date Completed	10 Jun 2025
Number of Samples	62	SGS Order Number	BBM25-49015

Methods Summary

Number of Samples	Method Code	Description
62	G_WGH_KG	Weight of samples received
62	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
62	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV848-001	3.38	7.04	99	470	<5	3.4
CV848-002	3.53	6.82	354	467	<5	6.9
CV848-003	2.18	7.71	273	784	<5	4.4
CV848-004	1.05	7.31	728	665	<5	2.7
CV848-005	-	7.53	663	686	<5	2.8
CV848-006	2.29	6.69	1076	385	<5	3.8
CV848-007	2.10	7.53	828	576	<5	2.6
CV848-008	1.83	7.28	414	486	<5	2.6
CV848-009	1.06	7.46	279	260	<5	1.5
CV848-010	3.48	7.49	421	611	<5	2.7
CV848-011	1.15	7.27	118	496	<5	2.8
CV848-012	0.51	0.17	<10	20	<5	<0.1
CV848-013	2.90	7.68	776	664	<5	2.9
CV848-014	3.36	7.08	45	560	<5	3.1
CV848-015	1.07	7.30	525	491	<5	2.8
CV848-016	3.32	7.02	132	441	<5	2.6
CV848-017	1.12	7.17	170	394	<5	3.4
CV848-018	0.02	8.37	22	58	150	0.3
CV848-019	1.16	7.14	13	421	<5	2.6
CV848-020	1.28	7.08	23	428	<5	2.9
CV848-021	3.19	6.90	59	465	<5	2.8
CV848-022	3.38	7.00	19	394	<5	3.1
CV848-023	3.31	7.44	15	512	6	2.8
CV848-024	3.46	7.18	11	28	<5	0.3
CV848-025	3.04	7.08	14	28	<5	0.4
CV848-026	1.57	7.73	19	382	21	2.5
CV848-027	2.97	7.26	17	94	9	0.7
CV848-028	3.70	7.01	14	187	<5	0.1
CV848-029	1.71	7.50	14	34	9	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV848-030	-	7.44	14	33	9	0.7
CV848-031	4.04	8.39	10	227	<5	0.1
CV848-032	3.49	2.98	12	32	<5	0.2
CV848-033	3.37	9.70	29	208	<5	0.3
CV848-034	3.98	9.27	<10	247	<5	0.3
CV848-035	3.48	9.56	<10	288	<5	0.2
CV848-036	2.07	8.79	14	321	<5	0.4
CV848-037	0.51	0.16	26	14	<5	<0.1
CV848-038	4.14	7.31	43	24	8	0.7
CV848-039	2.04	6.96	38	43	8	0.7
CV848-040	4.01	8.09	18	51	<5	0.2
CV848-041	2.94	7.38	10	40	<5	0.1
CV848-042	4.06	7.31	19	<10	<5	0.7
CV848-043	0.02	8.19	13	20	113	0.1
CV848-044	2.89	7.67	37	43	8	0.6
CV848-045	2.54	7.29	58	218	<5	0.2
CV848-046	1.59	7.68	<10	599	<5	<0.1
CV848-047	4.12	7.36	25	33	11	0.9
CV848-048	3.90	6.51	26	21	9	0.8
CV848-049	4.30	7.75	<10	373	<5	<0.1
CV848-050	3.95	7.34	27	97	8	0.6
CV848-051	4.38	6.71	20	59	8	0.6
CV848-052	4.11	6.25	25	15	8	0.7
CV848-053	4.09	6.92	11	340	<5	0.2
CV848-054	4.12	7.18	24	141	7	0.5
CV848-055	-	7.16	27	139	7	0.5
CV848-056	4.45	6.99	42	143	6	0.5
CV848-057	4.48	6.00	22	50	6	0.6
CV848-058	4.06	6.72	16	17	8	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV848-059	1.74	7.17	12	196	<5	0.4
CV848-060	3.64	8.08	20	764	<5	4.7
CV848-061	3.58	8.13	20	837	<5	4.4
CV848-062	0.51	0.15	11	15	<5	<0.1
*Dup CV848-040	-	8.04	19	51	<5	0.2
*Dup CV848-045	-	7.32	60	219	<5	0.2
*Dup CV848-054	-	7.19	25	141	7	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 753	-	8.57	17	19	124	0.2
*Std AMIS0341	-	8.74	471	152	231	0.6
*Std OREAS 554	-	4.39	193	1272	<5	4.2
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV848-055	-	7.28	26	143	7	0.6
*Std OREAS 750	-	5.42	13	420	39	0.8
*Std OREAS 553	-	2.90	306	328	<5	5.4
*Std AMIS0355	-	7.96	13	37	160	0.5
*Std OREAS 750	-	5.43	<10	416	37	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 553	-	2.85	300	304	<5	5.2
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 750	-	5.46	13	426	39	0.8

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-001	538	47	7.17	1.9	105	3.24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-002	559	82	6.88	1.2	162	6.16
CV848-003	482	74	6.14	2.2	97	4.21
CV848-004	537	101	5.85	1.9	74	3.34
CV848-005	540	98	5.85	2.0	75	3.42
CV848-006	743	84	7.07	1.6	116	4.64
CV848-007	511	77	6.81	2.1	93	2.81
CV848-008	512	69	6.92	1.9	110	2.66
CV848-009	447	35	3.66	2.1	81	1.29
CV848-010	577	64	5.61	2.1	120	2.86
CV848-011	528	65	5.82	2.2	113	2.62
CV848-012	445	<10	0.40	0.1	<10	0.02
CV848-013	511	68	6.21	2.3	98	2.93
CV848-014	492	53	6.77	2.0	76	2.88
CV848-015	491	53	6.89	2.1	106	3.18
CV848-016	482	57	7.04	1.7	55	2.66
CV848-017	543	55	6.99	1.5	54	2.77
CV848-018	28	39	0.84	2.1	7276	0.05
CV848-019	432	73	7.86	2.0	70	2.53
CV848-020	488	50	7.47	1.8	64	2.81
CV848-021	525	44	7.17	1.9	58	2.91
CV848-022	493	45	7.26	1.7	199	2.67
CV848-023	474	84	6.67	2.2	371	2.54
CV848-024	365	<10	0.39	4.9	11	0.02
CV848-025	340	<10	0.41	4.1	13	0.02
CV848-026	512	47	5.50	1.8	613	2.19
CV848-027	337	88	0.83	2.6	57	0.14
CV848-028	341	<10	0.35	6.7	<10	<0.01
CV848-029	294	<10	0.88	1.6	18	0.01
CV848-030	344	<10	0.81	1.6	19	0.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-031	14	<10	0.37	8.4	11	0.02
CV848-032	35	<10	0.37	1.4	19	<0.01
CV848-033	17	<10	0.46	7.9	18	0.04
CV848-034	11	<10	0.26	8.0	<10	<0.01
CV848-035	19	<10	0.37	9.8	<10	0.02
CV848-036	21	<10	0.31	6.9	15	0.02
CV848-037	15	<10	0.40	0.1	<10	0.01
CV848-038	37	<10	0.41	1.3	32	0.04
CV848-039	20	<10	0.50	1.5	43	0.06
CV848-040	15	<10	0.35	7.9	13	0.02
CV848-041	23	<10	0.37	7.2	11	0.02
CV848-042	35	<10	0.55	1.0	51	0.05
CV848-043	35	18	0.81	1.9	10154	0.02
CV848-044	13	<10	0.90	1.6	19	0.03
CV848-045	<10	<10	0.32	5.9	<10	0.01
CV848-046	12	<10	0.25	7.9	<10	<0.01
CV848-047	18	<10	1.43	0.5	150	0.37
CV848-048	14	<10	0.98	0.3	65	0.18
CV848-049	17	<10	0.37	7.8	10	0.01
CV848-050	16	<10	0.64	2.1	21	0.04
CV848-051	32	<10	0.53	1.7	22	0.02
CV848-052	30	<10	0.52	0.5	36	0.04
CV848-053	21	<10	0.36	5.6	<10	<0.01
CV848-054	14	<10	0.50	3.0	27	0.04
CV848-055	15	<10	0.50	3.0	28	0.04
CV848-056	14	<10	0.52	2.9	30	0.04
CV848-057	15	13	0.42	1.4	17	0.02
CV848-058	15	<10	0.46	0.5	21	0.03
CV848-059	13	28	0.45	5.6	<10	0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-060	94	106	6.36	2.2	276	2.63
CV848-061	91	70	6.14	2.5	208	2.49
CV848-062	10	<10	0.47	<0.1	<10	0.01
*Dup CV848-040	17	<10	0.34	7.8	11	0.02
*Dup CV848-045	11	<10	0.32	6.0	<10	0.02
*Dup CV848-054	16	<10	0.50	3.0	28	0.04
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 753	31	23	0.90	2.0	10220	0.02
*Std AMIS0341	471	56	0.98	2.8	5028	0.22
*Std OREAS 554	73	>10000	1.88	1.7	34	3.30
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV848-055	12	<10	0.51	3.0	27	0.04
*Std OREAS 750	39	22	1.69	1.7	2200	0.32
*Std OREAS 553	43	5719	1.26	0.7	94	5.48
*Std AMIS0355	270	343	1.21	1.4	7821	0.90
*Std OREAS 750	35	22	1.65	1.8	2446	0.33
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 553	40	5755	1.19	0.7	102	5.47
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 750	36	15	1.67	1.7	2266	0.31

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-001	778	139	0.08	0.25	19	26.0
CV848-002	1216	120	0.12	0.02	36	22.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-003	919	143	0.10	0.12	24	24.7
CV848-004	695	172	0.07	0.39	16	25.2
CV848-005	704	172	0.07	0.36	16	26.0
CV848-006	869	211	0.08	0.33	19	25.5
CV848-007	695	140	0.07	0.36	16	26.4
CV848-008	687	144	0.07	0.35	16	26.7
CV848-009	639	67	0.03	0.18	10	29.7
CV848-010	679	139	0.07	0.20	15	26.8
CV848-011	787	126	0.06	0.29	15	26.6
CV848-012	29	9	<0.01	<0.01	<5	>30.0
CV848-013	719	134	0.07	0.22	17	26.5
CV848-014	719	132	0.07	0.24	16	26.9
CV848-015	637	162	0.07	0.26	16	26.9
CV848-016	731	136	0.07	0.38	16	26.5
CV848-017	739	140	0.07	0.30	17	26.6
CV848-018	777	16	0.14	0.04	<5	>30.0
CV848-019	676	129	0.07	0.49	15	26.6
CV848-020	780	140	0.07	0.21	16	25.9
CV848-021	738	146	0.07	0.28	16	26.9
CV848-022	703	132	0.06	0.31	16	26.2
CV848-023	709	130	0.07	0.21	15	25.8
CV848-024	75	11	<0.01	<0.01	<5	>30.0
CV848-025	137	6	<0.01	<0.01	<5	>30.0
CV848-026	1395	103	0.08	<0.01	15	27.4
CV848-027	847	8	<0.01	<0.01	6	>30.0
CV848-028	120	8	<0.01	<0.01	<5	>30.0
CV848-029	541	7	<0.01	<0.01	<5	>30.0
CV848-030	566	11	<0.01	<0.01	<5	>30.0
CV848-031	165	11	<0.01	<0.01	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

ANALYSIS REPORT BBM25-49015

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-032	134	10	<0.01	<0.01	<5	>30.0
CV848-033	416	15	<0.01	<0.01	11	>30.0
CV848-034	67	6	<0.01	<0.01	<5	>30.0
CV848-035	109	12	<0.01	<0.01	<5	>30.0
CV848-036	154	6	<0.01	<0.01	<5	>30.0
CV848-037	45	9	<0.01	<0.01	<5	>30.0
CV848-038	326	6	<0.01	<0.01	<5	>30.0
CV848-039	380	8	<0.01	<0.01	<5	>30.0
CV848-040	164	8	<0.01	<0.01	<5	>30.0
CV848-041	194	9	<0.01	<0.01	<5	>30.0
CV848-042	343	10	<0.01	<0.01	<5	>30.0
CV848-043	708	17	0.11	0.02	<5	>30.0
CV848-044	510	<5	<0.01	<0.01	<5	>30.0
CV848-045	219	<5	<0.01	<0.01	<5	>30.0
CV848-046	76	<5	<0.01	<0.01	<5	>30.0
CV848-047	1390	8	<0.01	<0.01	11	>30.0
CV848-048	985	6	<0.01	<0.01	6	>30.0
CV848-049	321	6	<0.01	<0.01	<5	>30.0
CV848-050	771	10	<0.01	<0.01	<5	>30.0
CV848-051	1048	15	<0.01	<0.01	<5	>30.0
CV848-052	429	6	<0.01	<0.01	<5	>30.0
CV848-053	229	7	<0.01	<0.01	<5	>30.0
CV848-054	933	8	<0.01	<0.01	<5	>30.0
CV848-055	869	8	<0.01	<0.01	<5	>30.0
CV848-056	332	<5	<0.01	<0.01	<5	>30.0
CV848-057	257	7	<0.01	<0.01	<5	>30.0
CV848-058	177	8	<0.01	<0.01	<5	>30.0
CV848-059	152	7	<0.01	<0.01	<5	>30.0
CV848-060	1313	28	0.18	0.02	20	26.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

ANALYSIS REPORT BBM25-49015

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV848-061	1152	29	0.17	0.02	19	25.6
CV848-062	52	7	<0.01	<0.01	<5	>30.0
*Dup CV848-040	186	5	<0.01	<0.01	<5	>30.0
*Dup CV848-045	219	<5	<0.01	<0.01	<5	>30.0
*Dup CV848-054	938	6	<0.01	<0.01	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 753	752	17	0.12	0.02	<5	>30.0
*Std AMIS0341	1717	35	0.30	0.03	<5	>30.0
*Std OREAS 554	1109	36	0.03	0.81	9	29.5
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Rep CV848-055	911	7	<0.01	<0.01	<5	>30.0
*Std OREAS 750	393	18	0.07	0.07	<5	>30.0
*Std OREAS 553	1605	26	0.05	0.28	7	25.0
*Std AMIS0355	986	147	0.04	0.03	<5	>30.0
*Std OREAS 750	381	16	0.07	0.07	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 553	1507	24	0.04	0.26	7	25.5
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 750	400	16	0.07	0.07	<5	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-001	395	0.30	127	80	<1	<5
CV848-002	207	0.38	215	76	<1	<5
CV848-003	322	0.33	156	65	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-004	275	0.27	120	65	<1	<5
CV848-005	283	0.28	120	66	<1	<5
CV848-006	336	0.32	131	77	<1	<5
CV848-007	373	0.30	117	74	<1	<5
CV848-008	362	0.29	112	74	<1	<5
CV848-009	182	0.15	58	52	<1	13
CV848-010	399	0.27	107	71	<1	22
CV848-011	359	0.25	97	67	<1	12
CV848-012	<10	0.01	<5	8	<1	<5
CV848-013	398	0.30	119	79	<1	<5
CV848-014	361	0.29	108	76	<1	8
CV848-015	409	0.30	113	77	<1	32
CV848-016	312	0.29	109	84	<1	<5
CV848-017	406	0.31	115	78	<1	8
CV848-018	42	0.02	<5	104	<1	13
CV848-019	357	0.30	110	75	<1	<5
CV848-020	358	0.29	108	84	<1	9
CV848-021	315	0.29	110	81	<1	<5
CV848-022	389	0.29	109	75	<1	<5
CV848-023	397	0.29	110	82	<1	<5
CV848-024	35	<0.01	<5	9	<1	<5
CV848-025	36	0.02	<5	9	<1	<5
CV848-026	348	0.25	68	141	<1	<5
CV848-027	128	0.04	11	46	<1	<5
CV848-028	87	<0.01	<5	<5	<1	<5
CV848-029	106	0.01	12	12	<1	<5
CV848-030	103	0.01	11	11	<1	<5
CV848-031	102	<0.01	<5	7	<1	<5
CV848-032	46	<0.01	<5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-033	142	0.02	<5	11	<1	<5
CV848-034	143	<0.01	<5	5	<1	<5
CV848-035	143	<0.01	<5	5	<1	<5
CV848-036	161	<0.01	<5	7	<1	<5
CV848-037	<10	<0.01	<5	<5	<1	<5
CV848-038	96	0.02	<5	13	<1	<5
CV848-039	111	0.02	<5	19	<1	<5
CV848-040	45	0.02	<5	7	<1	<5
CV848-041	39	0.02	<5	10	<1	<5
CV848-042	47	0.04	<5	21	<1	<5
CV848-043	30	<0.01	<5	90	<1	6
CV848-044	94	0.01	7	9	<1	<5
CV848-045	83	<0.01	<5	6	<1	<5
CV848-046	130	<0.01	<5	<5	<1	<5
CV848-047	179	0.10	17	92	<1	<5
CV848-048	137	0.06	9	44	<1	<5
CV848-049	98	<0.01	<5	<5	<1	<5
CV848-050	113	0.01	<5	9	<1	<5
CV848-051	96	0.01	<5	9	<1	<5
CV848-052	99	0.02	<5	13	<1	<5
CV848-053	100	<0.01	<5	9	<1	<5
CV848-054	124	0.02	<5	13	<1	<5
CV848-055	124	0.01	<5	14	<1	<5
CV848-056	109	0.01	<5	15	<1	<5
CV848-057	111	<0.01	<5	7	<1	<5
CV848-058	118	<0.01	<5	7	<1	<5
CV848-059	71	<0.01	<5	<5	<1	<5
CV848-060	870	0.44	176	101	<1	<5
CV848-061	956	0.42	168	91	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

ANALYSIS REPORT BBM25-49015

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-062	<10	0.01	<5	<5	<1	<5
*Dup CV848-040	44	0.01	<5	10	<1	<5
*Dup CV848-045	85	<0.01	<5	7	<1	<5
*Dup CV848-054	124	0.01	<5	11	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 753	34	<0.01	<5	88	<1	5
*Std AMIS0341	73	0.01	<5	113	<1	24
*Std OREAS 554	77	0.24	124	56	<1	67
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV848-055	125	0.01	<5	12	<1	<5
*Std OREAS 750	72	0.16	27	63	<1	12
*Std OREAS 553	54	0.20	74	49	<1	7
*Std AMIS0355	56	0.04	16	91	<1	<5
*Std OREAS 750	75	0.16	26	64	<1	13
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 553	57	0.20	73	50	<1	7
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 750	72	0.16	27	66	<1	13

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-001	3.0	<0.2	33.4	28.4	29.6	2.24
CV848-002	0.8	<0.2	38.6	44.8	5.6	2.72
CV848-003	0.8	<0.2	38.4	33.4	5.4	2.37
CV848-004	8.3	<0.2	35.4	28.5	14.4	2.09

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-005	6.6	<0.2	36.2	29.0	14.8	2.05
CV848-006	5.7	<0.2	31.8	34.5	25.6	2.25
CV848-007	1.2	<0.2	33.5	26.5	21.3	2.22
CV848-008	0.5	<0.2	32.7	24.8	37.5	2.04
CV848-009	1.8	<0.2	24.7	12.8	61.6	2.18
CV848-010	1.0	<0.2	31.6	25.4	59.4	2.03
CV848-011	1.0	<0.2	28.6	23.1	59.2	2.39
CV848-012	<0.1	<0.2	3.7	0.8	0.2	0.37
CV848-013	0.5	<0.2	36.1	26.5	21.6	2.25
CV848-014	0.2	<0.2	32.8	25.4	9.1	2.12
CV848-015	0.3	<0.2	32.3	27.2	17.5	2.08
CV848-016	1.4	<0.2	33.6	25.9	9.5	2.24
CV848-017	0.5	<0.2	34.1	26.8	8.0	2.23
CV848-018	2.7	1.3	3.6	1.1	69.1	0.39
CV848-019	0.3	<0.2	34.7	25.7	13.8	2.22
CV848-020	0.2	<0.2	33.6	26.2	13.7	2.18
CV848-021	0.3	<0.2	33.5	25.9	7.0	2.17
CV848-022	2.5	<0.2	32.5	25.2	19.5	2.12
CV848-023	2.1	<0.2	33.3	24.8	113	2.13
CV848-024	0.5	<0.2	1.4	<0.5	27.5	0.72
CV848-025	0.6	<0.2	7.1	<0.5	30.5	0.71
CV848-026	14.9	0.2	34.6	20.2	197	2.40
CV848-027	197	<0.2	4.1	1.3	30.0	6.25
CV848-028	1.5	<0.2	1.2	<0.5	47.4	0.55
CV848-029	2.1	<0.2	2.2	0.5	12.3	1.29
CV848-030	2.2	<0.2	2.3	0.7	12.6	1.30
CV848-031	0.5	<0.2	0.6	<0.5	55.1	0.34
CV848-032	0.9	<0.2	1.0	<0.5	9.1	0.78
CV848-033	1.8	<0.2	8.8	<0.5	52.9	16.98

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-034	1.8	<0.2	0.4	<0.5	51.9	0.41
CV848-035	0.5	<0.2	1.1	0.8	65.1	1.05
CV848-036	1.9	<0.2	1.4	<0.5	49.8	1.33
CV848-037	<0.1	<0.2	4.0	<0.5	0.2	0.29
CV848-038	0.7	<0.2	13.1	<0.5	10.0	1.63
CV848-039	0.4	<0.2	1.4	<0.5	13.7	1.96
CV848-040	0.4	<0.2	8.2	<0.5	83.4	1.82
CV848-041	0.4	<0.2	3.5	<0.5	80.4	1.16
CV848-042	0.6	<0.2	13.3	<0.5	10.8	5.72
CV848-043	2.4	1.6	0.7	0.9	61.2	0.17
CV848-044	1.6	<0.2	3.8	<0.5	16.0	3.43
CV848-045	3.4	<0.2	2.2	<0.5	71.9	2.49
CV848-046	0.7	<0.2	0.4	<0.5	76.8	0.26
CV848-047	1.6	<0.2	2.0	2.8	42.7	0.88
CV848-048	14.9	<0.2	6.8	1.4	11.5	6.56
CV848-049	0.3	<0.2	0.7	<0.5	86.1	0.74
CV848-050	0.8	<0.2	6.2	<0.5	24.4	3.75
CV848-051	3.1	<0.2	92.8	<0.5	41.5	7.98
CV848-052	1.2	<0.2	1.6	<0.5	7.9	0.93
CV848-053	0.5	<0.2	1.0	<0.5	59.6	0.95
CV848-054	1.4	<0.2	4.1	<0.5	31.0	1.76
CV848-055	1.4	<0.2	4.3	<0.5	29.8	1.69
CV848-056	6.9	<0.2	4.8	<0.5	33.1	1.94
CV848-057	5.6	<0.2	221	<0.5	29.9	6.82
CV848-058	4.6	<0.2	2.7	<0.5	7.5	0.83
CV848-059	76.7	<0.2	4.2	<0.5	45.4	1.62
CV848-060	1.3	<0.2	76.3	26.1	12.1	3.29
CV848-061	0.5	<0.2	76.0	26.5	8.7	3.13
CV848-062	<0.1	<0.2	3.2	0.7	0.2	0.37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Dup CV848-040	0.4	<0.2	7.9	<0.5	84.7	1.78
*Dup CV848-045	3.7	<0.2	2.3	<0.5	74.3	2.70
*Dup CV848-054	1.3	<0.2	4.1	<0.5	30.4	1.77
*Blk BLANK	<0.1	<0.2	0.2	<0.5	<0.1	<0.05
*Std OREAS 753	2.4	1.6	0.9	1.4	64.9	0.16
*Std AMIS0341	26.1	<0.2	1.1	3.9	495	0.29
*Std OREAS 554	3.0	0.2	71.0	8150	2.6	3.69
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Rep CV848-055	1.3	<0.2	4.0	<0.5	30.6	1.79
*Std OREAS 750	1.0	0.5	32.6	4.0	23.4	2.50
*Std OREAS 553	2.6	<0.2	53.3	7078	0.7	3.78
*Std AMIS0355	0.8	<0.2	5.4	49.6	277	0.94
*Std OREAS 750	1.2	0.5	32.1	3.8	23.6	2.43
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Std OREAS 553	2.4	<0.2	51.5	5705	0.7	3.65
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 750	1.0	0.7	33.1	3.5	22.1	2.55

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-001	1.36	0.93	17	2.67	2	3
CV848-002	1.66	1.17	14	3.50	2	2
CV848-003	1.33	1.08	17	2.93	2	2
CV848-004	1.17	0.77	16	2.31	2	2
CV848-005	1.10	0.78	17	2.30	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-006	1.34	0.83	16	2.63	3	2
CV848-007	1.27	0.91	18	2.50	2	3
CV848-008	1.15	0.85	17	2.36	2	3
CV848-009	1.63	0.52	26	2.28	3	3
CV848-010	1.16	0.86	19	2.28	2	3
CV848-011	1.56	0.72	19	2.39	2	3
CV848-012	0.22	<0.05	<1	0.33	1	1
CV848-013	1.30	0.92	18	2.49	2	3
CV848-014	1.21	0.84	17	2.43	2	3
CV848-015	1.15	0.88	17	2.43	2	3
CV848-016	1.25	0.93	16	2.39	2	3
CV848-017	1.25	0.99	17	2.57	2	3
CV848-018	0.12	0.06	17	0.38	6	2
CV848-019	1.36	0.87	17	2.61	2	3
CV848-020	1.25	0.90	17	2.49	2	3
CV848-021	1.26	0.88	16	2.42	2	3
CV848-022	1.30	0.89	17	2.61	3	3
CV848-023	1.18	0.87	22	2.43	4	3
CV848-024	0.64	0.11	22	0.58	2	1
CV848-025	0.55	0.11	22	0.70	2	<1
CV848-026	1.52	0.76	49	2.88	5	3
CV848-027	4.75	0.30	37	5.67	4	4
CV848-028	0.51	0.12	26	0.48	3	<1
CV848-029	1.15	0.16	35	1.06	3	2
CV848-030	1.23	0.13	36	0.95	3	2
CV848-031	0.32	0.10	27	0.26	3	<1
CV848-032	0.64	0.07	11	0.54	2	2
CV848-033	12.76	0.42	39	14.99	4	2
CV848-034	0.34	0.13	35	0.29	3	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-035	0.91	0.18	33	0.86	3	1
CV848-036	0.97	0.14	30	1.19	3	1
CV848-037	0.18	0.05	<1	0.30	<1	<1
CV848-038	1.35	0.12	27	1.42	3	1
CV848-039	1.56	0.16	26	1.49	3	<1
CV848-040	1.64	0.12	22	1.54	2	<1
CV848-041	1.14	0.10	19	0.93	2	<1
CV848-042	5.27	0.18	23	4.26	2	<1
CV848-043	<0.05	<0.05	15	0.17	6	<1
CV848-044	3.03	0.19	30	2.91	3	2
CV848-045	2.19	0.18	25	2.08	3	<1
CV848-046	0.23	0.08	25	0.23	3	<1
CV848-047	0.80	0.13	38	0.60	3	<1
CV848-048	5.01	0.29	35	5.78	3	<1
CV848-049	1.32	0.10	26	0.35	3	2
CV848-050	3.99	0.22	31	2.55	3	6
CV848-051	6.95	0.28	31	7.78	3	6
CV848-052	0.85	0.12	30	0.69	3	<1
CV848-053	1.11	0.14	26	0.59	3	1
CV848-054	2.37	0.13	32	1.13	3	3
CV848-055	2.15	0.14	31	0.99	3	3
CV848-056	1.52	0.14	30	1.67	3	1
CV848-057	4.12	0.32	28	9.99	3	2
CV848-058	0.72	0.11	29	0.90	3	<1
CV848-059	1.45	0.14	27	1.44	3	1
CV848-060	1.72	1.61	22	4.68	2	3
CV848-061	1.72	1.77	19	4.73	2	3
CV848-062	0.24	<0.05	<1	0.35	1	1
*Dup CV848-040	1.69	0.12	23	1.49	2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Dup CV848-045	2.26	0.18	27	2.16	3	1
*Dup CV848-054	2.30	0.13	31	0.99	3	5
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 753	<0.05	<0.05	16	0.18	7	1
*Std AMIS0341	0.12	<0.05	45	0.28	10	3
*Std OREAS 554	2.15	0.93	13	4.33	1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV848-055	2.42	0.13	31	1.04	3	3
*Std OREAS 750	1.23	0.62	13	2.96	3	3
*Std OREAS 553	2.02	0.89	8	4.31	1	3
*Std AMIS0355	0.19	0.07	72	1.19	7	3
*Std OREAS 750	1.29	0.64	13	2.81	3	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 553	1.98	0.89	8	4.42	<1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 750	1.26	0.63	13	2.90	3	4

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-001	0.46	<0.2	15.8	0.19	10	4
CV848-002	0.60	<0.2	17.6	0.26	<2	3
CV848-003	0.48	<0.2	18.8	0.19	5	3
CV848-004	0.41	<0.2	17.3	0.18	49	3
CV848-005	0.40	<0.2	17.6	0.20	33	3
CV848-006	0.44	<0.2	15.3	0.20	23	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-007	0.45	<0.2	16.6	0.20	5	4
CV848-008	0.40	<0.2	16.2	0.17	3	3
CV848-009	0.44	<0.2	11.0	0.55	<2	55
CV848-010	0.41	<0.2	15.4	0.21	2	7
CV848-011	0.45	<0.2	13.6	0.37	13	26
CV848-012	0.08	<0.2	2.0	<0.05	<2	<1
CV848-013	0.42	<0.2	17.6	0.18	5	4
CV848-014	0.41	<0.2	16.2	0.18	<2	4
CV848-015	0.41	<0.2	15.8	0.19	2	3
CV848-016	0.44	<0.2	16.5	0.19	43	3
CV848-017	0.44	<0.2	16.1	0.18	<2	3
CV848-018	<0.05	<0.2	1.8	<0.05	3	53
CV848-019	0.44	<0.2	17.1	0.20	<2	4
CV848-020	0.45	<0.2	16.5	0.19	<2	5
CV848-021	0.43	<0.2	16.2	0.18	<2	3
CV848-022	0.44	<0.2	15.9	0.19	5	3
CV848-023	0.42	<0.2	16.2	0.19	<2	8
CV848-024	0.17	<0.2	0.7	0.19	<2	18
CV848-025	0.14	<0.2	2.9	0.15	<2	14
CV848-026	0.51	<0.2	16.9	0.31	<2	94
CV848-027	1.35	<0.2	1.7	1.43	<2	168
CV848-028	0.13	<0.2	0.5	0.19	<2	22
CV848-029	0.32	<0.2	0.9	0.50	<2	35
CV848-030	0.32	<0.2	0.9	0.52	<2	30
CV848-031	0.08	<0.2	0.3	0.15	<2	11
CV848-032	0.19	<0.2	0.4	0.25	<2	27
CV848-033	3.68	<0.2	2.3	3.66	<2	773
CV848-034	0.10	<0.2	0.2	0.13	<2	9
CV848-035	0.25	<0.2	0.5	0.35	<2	18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-036	0.30	<0.2	0.6	0.28	<2	41
CV848-037	0.07	<0.2	2.2	<0.05	<2	<1
CV848-038	0.37	<0.2	3.9	0.45	2	33
CV848-039	0.43	<0.2	0.7	0.42	<2	43
CV848-040	0.46	<0.2	3.2	0.45	<2	33
CV848-041	0.30	<0.2	1.3	0.42	<2	25
CV848-042	1.44	<0.2	5.4	1.26	<2	91
CV848-043	<0.05	<0.2	0.4	<0.05	3	34
CV848-044	0.83	<0.2	1.7	0.96	<2	60
CV848-045	0.57	<0.2	0.9	0.62	<2	46
CV848-046	0.07	<0.2	0.2	0.09	<2	4
CV848-047	0.20	<0.2	0.9	0.28	<2	78
CV848-048	1.37	<0.2	2.5	1.18	<2	140
CV848-049	0.23	<0.2	0.3	0.80	<2	8
CV848-050	0.85	<0.2	2.8	1.87	<2	57
CV848-051	1.60	<0.2	26.1	2.56	<2	176
CV848-052	0.20	<0.2	0.7	0.33	2	20
CV848-053	0.23	<0.2	0.5	0.45	<2	14
CV848-054	0.47	<0.2	1.6	1.30	<2	29
CV848-055	0.42	<0.2	1.6	1.14	<2	27
CV848-056	0.40	<0.2	1.8	0.52	<2	33
CV848-057	1.13	<0.2	67.4	1.01	<2	143
CV848-058	0.17	<0.2	1.1	0.21	<2	19
CV848-059	0.33	<0.2	1.9	0.61	<2	46
CV848-060	0.55	<0.2	36.3	0.24	<2	7
CV848-061	0.61	<0.2	36.0	0.24	<2	5
CV848-062	0.07	<0.2	1.8	<0.05	<2	<1
*Dup CV848-040	0.46	<0.2	3.1	0.47	<2	32
*Dup CV848-045	0.60	<0.2	0.9	0.65	<2	50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Dup CV848-054	0.45	<0.2	1.6	1.28	<2	26
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	125
*Std OREAS 554	0.76	<0.2	36.5	0.30	3	8
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV848-055	0.43	<0.2	1.5	1.24	<2	28
*Std OREAS 750	0.41	<0.2	16.1	0.15	2	20
*Std OREAS 553	0.63	0.2	32.0	0.25	3	8
*Std AMIS0355	0.08	<0.2	2.8	<0.05	<2	49
*Std OREAS 750	0.46	<0.2	15.9	0.17	<2	20
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 553	0.70	<0.2	30.6	0.28	2	8
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 750	0.48	<0.2	16.4	0.17	<2	19

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-001	16.3	12	4.06	86.7	<0.1	3.1
CV848-002	21.5	6	4.97	49.8	<0.1	4.1
CV848-003	19.3	9	4.84	88.7	<0.1	3.6
CV848-004	16.3	14	4.23	90.6	<0.1	2.9
CV848-005	16.4	16	4.29	93.0	<0.1	2.9
CV848-006	14.8	10	3.80	75.1	<0.1	2.9
CV848-007	15.6	11	3.90	99.6	<0.1	2.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-008	14.9	12	3.80	150	<0.1	2.8
CV848-009	12.4	59	3.13	294	<0.1	2.8
CV848-010	15.0	15	3.74	153	<0.1	3.0
CV848-011	13.5	23	3.40	207	<0.1	2.7
CV848-012	1.7	<5	0.44	2.0	0.2	0.3
CV848-013	16.7	13	4.26	122	<0.1	3.2
CV848-014	15.0	11	3.85	96.2	<0.1	2.8
CV848-015	15.1	11	3.84	92.2	0.1	2.7
CV848-016	15.6	12	3.97	75.5	<0.1	2.9
CV848-017	16.4	10	4.14	61.4	<0.1	3.0
CV848-018	1.5	18	0.42	679	0.7	0.4
CV848-019	15.6	12	4.06	97.0	<0.1	2.9
CV848-020	15.9	11	4.02	95.0	<0.1	3.0
CV848-021	15.6	11	4.02	94.3	<0.1	2.9
CV848-022	14.8	10	3.82	99.8	<0.1	2.7
CV848-023	15.3	20	3.99	469	<0.1	2.9
CV848-024	0.9	66	0.19	860	<0.1	0.4
CV848-025	3.3	63	0.91	735	<0.1	0.6
CV848-026	16.0	43	4.11	982	<0.1	3.0
CV848-027	5.9	188	0.85	582	0.2	3.9
CV848-028	1.0	83	0.20	1479	<0.1	0.4
CV848-029	1.7	48	0.35	314	0.1	0.8
CV848-030	1.7	48	0.34	325	0.1	0.7
CV848-031	0.5	96	0.08	1816	<0.1	0.2
CV848-032	0.9	23	0.16	257	0.2	0.4
CV848-033	13.9	109	1.93	1757	0.2	10.2
CV848-034	0.4	102	0.06	1714	0.1	0.2
CV848-035	1.1	100	0.19	2133	0.2	0.5
CV848-036	1.6	94	0.26	1434	0.1	0.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-037	1.8	<5	0.47	2.6	0.2	0.3
CV848-038	6.0	39	1.64	227	<0.1	1.5
CV848-039	1.4	46	0.22	271	<0.1	0.9
CV848-040	4.2	98	1.03	1481	<0.1	1.1
CV848-041	2.1	82	0.49	1301	<0.1	0.7
CV848-042	7.8	46	1.78	139	<0.1	2.8
CV848-043	0.3	12	0.08	587	0.2	<0.1
CV848-044	3.6	42	0.66	275	<0.1	1.9
CV848-045	2.1	77	0.36	1290	<0.1	1.3
CV848-046	0.3	101	0.05	1698	<0.1	0.1
CV848-047	1.3	41	0.29	214	0.1	0.5
CV848-048	6.4	57	1.17	76.9	0.2	3.7
CV848-049	0.5	104	0.11	1947	0.1	0.2
CV848-050	4.1	54	0.87	469	0.1	1.7
CV848-051	49.7	54	13.28	339	0.2	10.9
CV848-052	1.1	38	0.22	76.3	0.1	0.4
CV848-053	0.8	83	0.15	1392	0.1	0.4
CV848-054	2.4	60	0.59	730	<0.1	0.9
CV848-055	2.2	58	0.56	704	0.2	0.8
CV848-056	3.2	58	0.72	713	0.1	1.3
CV848-057	110	43	30.78	267	0.2	19.2
CV848-058	1.7	30	0.37	65.7	0.1	0.6
CV848-059	3.0	79	0.61	1161	0.3	1.2
CV848-060	37.7	82	9.29	149	0.1	6.7
CV848-061	38.1	14	9.33	104	<0.1	6.6
CV848-062	1.5	<5	0.40	2.4	0.2	0.3
*Dup CV848-040	3.9	99	1.01	1485	<0.1	1.3
*Dup CV848-045	2.2	81	0.38	1352	<0.1	1.3
*Dup CV848-054	2.3	59	0.54	723	0.1	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

ANALYSIS REPORT BBM25-49015

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std OREAS 753	0.4	12	0.10	621	0.2	0.2
*Std AMIS0341	0.5	13	0.13	4095	13.5	0.2
*Std OREAS 554	30.0	18	7.87	91.3	2.4	5.4
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Rep CV848-055	2.2	59	0.55	732	<0.1	0.8
*Std OREAS 750	15.1	15	3.86	259	0.4	3.3
*Std OREAS 553	24.0	15	6.29	25.4	0.4	4.5
*Std AMIS0355	2.0	8	0.59	3755	0.3	1.2
*Std OREAS 750	14.9	15	3.79	256	0.4	3.0
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 553	23.3	14	6.22	25.9	0.4	4.4
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 750	15.5	14	3.92	246	0.4	3.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-001	<1	<0.5	0.37	4.2	<0.5	0.19
CV848-002	<1	<0.5	0.49	4.5	<0.5	0.25
CV848-003	<1	<0.5	0.41	4.1	<0.5	0.19
CV848-004	<1	<0.5	0.34	4.2	<0.5	0.18
CV848-005	<1	<0.5	0.33	4.3	<0.5	0.19
CV848-006	<1	<0.5	0.38	3.3	<0.5	0.19
CV848-007	<1	<0.5	0.36	4.0	<0.5	0.18
CV848-008	<1	<0.5	0.36	3.4	0.9	0.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-009	<1	14.3	0.35	6.4	1.7	0.30
CV848-010	<1	1.7	0.34	3.6	0.9	0.18
CV848-011	<1	7.5	0.35	3.9	1.2	0.24
CV848-012	<1	<0.5	0.05	0.7	<0.5	<0.05
CV848-013	<1	<0.5	0.37	3.8	0.6	0.17
CV848-014	<1	<0.5	0.35	3.6	<0.5	0.18
CV848-015	<1	<0.5	0.36	3.3	<0.5	0.18
CV848-016	<1	<0.5	0.38	3.4	<0.5	0.19
CV848-017	<1	<0.5	0.37	3.2	<0.5	0.18
CV848-018	243	42.0	0.07	0.7	4.1	<0.05
CV848-019	<1	<0.5	0.39	4.1	<0.5	0.20
CV848-020	<1	1.6	0.35	3.7	<0.5	0.19
CV848-021	<1	<0.5	0.34	3.2	<0.5	0.19
CV848-022	<1	<0.5	0.36	3.4	0.5	0.17
CV848-023	2	<0.5	0.35	3.7	2.6	0.18
CV848-024	<1	3.3	0.10	4.0	4.7	0.11
CV848-025	<1	2.1	0.11	6.2	4.1	0.10
CV848-026	13	8.4	0.39	8.5	6.1	0.24
CV848-027	2	38.8	0.94	16.7	3.2	0.97
CV848-028	<1	8.1	0.08	1.4	8.0	0.11
CV848-029	<1	12.1	0.17	3.5	1.7	0.26
CV848-030	<1	10.6	0.18	3.7	1.7	0.27
CV848-031	<1	3.1	0.05	0.9	9.7	0.07
CV848-032	<1	6.5	0.11	2.5	1.4	0.15
CV848-033	3	163	2.57	60.4	9.2	2.50
CV848-034	<1	1.9	0.06	1.1	9.0	0.07
CV848-035	<1	5.3	0.17	2.7	11.6	0.17
CV848-036	<1	3.9	0.20	6.0	7.7	0.20
CV848-037	<1	<0.5	<0.05	0.9	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV848-038	<1	4.1	0.24	9.0	1.2	0.26
CV848-039	<1	4.0	0.26	4.1	1.5	0.29
CV848-040	<1	4.1	0.24	5.1	7.9	0.31
CV848-041	<1	3.3	0.15	3.8	7.0	0.24
CV848-042	<1	10.4	0.81	14.7	0.8	0.96
CV848-043	134	19.2	<0.05	0.5	3.7	<0.05
CV848-044	<1	10.5	0.50	12.1	1.7	0.57
CV848-045	<1	7.2	0.35	7.4	7.0	0.41
CV848-046	<1	0.9	<0.05	0.8	8.9	0.05
CV848-047	3	8.3	0.11	2.9	1.3	0.16
CV848-048	2	11.1	0.99	16.0	<0.5	0.92
CV848-049	<1	1.4	0.09	2.6	9.1	0.33
CV848-050	<1	4.8	0.49	20.6	2.2	0.96
CV848-051	<1	20.0	1.22	64.1	1.9	1.48
CV848-052	<1	2.3	0.12	3.2	<0.5	0.20
CV848-053	<1	1.6	0.12	3.0	6.6	0.23
CV848-054	<1	4.3	0.23	7.9	3.4	0.58
CV848-055	<1	3.9	0.20	8.2	3.3	0.53
CV848-056	<1	3.5	0.29	6.2	3.4	0.34
CV848-057	1	21.6	1.22	76.9	1.4	0.76
CV848-058	<1	2.0	0.13	3.4	<0.5	0.14
CV848-059	<1	10.2	0.24	5.5	5.2	0.32
CV848-060	1	0.9	0.59	3.8	0.8	0.27
CV848-061	1	<0.5	0.60	3.6	<0.5	0.24
CV848-062	<1	<0.5	0.06	0.7	<0.5	<0.05
*Dup CV848-040	<1	4.1	0.26	5.0	7.9	0.32
*Dup CV848-045	<1	8.0	0.40	8.4	7.1	0.44
*Dup CV848-054	<1	4.0	0.22	7.8	3.3	0.58
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 753	145	19.9	<0.05	<0.1	4.0	<0.05
*Std AMIS0341	94	735	0.06	4.8	42.0	<0.05
*Std OREAS 554	2	0.6	0.64	8.7	0.6	0.32
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Rep CV848-055	<1	4.1	0.21	7.1	3.3	0.57
*Std OREAS 750	44	9.5	0.44	6.6	1.6	0.17
*Std OREAS 553	1	0.6	0.63	5.7	<0.5	0.27
*Std AMIS0355	493	217	0.25	4.4	29.3	<0.05
*Std OREAS 750	45	10.0	0.43	6.0	1.6	0.18
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 553	1	0.6	0.62	5.3	<0.5	0.27
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 750	42	9.3	0.46	6.5	1.7	0.18

Element	@U	@W	@Y	@Yb	@Zr
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	1	0.5	0.1	0.5
Upper Limit	1,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID					
CV848-001	1.22	3	12.0	1.2	91.8
CV848-002	1.50	1	14.6	1.5	58.2
CV848-003	1.34	<1	12.2	1.4	74.8
CV848-004	1.34	2	11.6	1.2	81.2
CV848-005	1.38	2	11.6	1.1	88.7
CV848-006	1.06	<1	11.9	1.3	87.0
CV848-007	1.20	<1	11.2	1.3	102
CV848-008	1.08	1	11.0	1.2	92.0
CV848-009	8.66	3	17.7	2.8	60.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@U	@W	@Y	@Yb	@Zr
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	1	0.5	0.1	0.5
Upper Limit	1,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID					
CV848-010	1.27	5	11.5	1.2	86.3
CV848-011	2.79	<1	15.7	2.2	86.6
CV848-012	0.33	<1	2.2	0.3	34.6
CV848-013	1.37	<1	11.0	1.2	93.1
CV848-014	1.17	6	11.1	1.2	93.8
CV848-015	1.13	<1	10.8	1.2	102
CV848-016	1.20	<1	10.9	1.3	89.4
CV848-017	1.10	<1	11.2	1.3	98.7
CV848-018	8.42	5	1.8	0.2	30.8
CV848-019	1.23	<1	11.7	1.3	101
CV848-020	1.17	3	11.4	1.2	90.4
CV848-021	1.13	<1	11.1	1.3	99.6
CV848-022	1.13	<1	11.1	1.2	91.6
CV848-023	1.34	<1	10.8	1.1	96.5
CV848-024	11.63	<1	6.2	0.9	17.0
CV848-025	11.78	<1	5.2	0.8	7.0
CV848-026	8.67	<1	17.2	1.8	88.9
CV848-027	53.39	2	66.4	8.1	32.9
CV848-028	11.51	<1	7.7	1.0	5.9
CV848-029	16.70	<1	19.2	2.5	13.7
CV848-030	15.97	<1	20.1	2.7	20.9
CV848-031	3.83	<1	4.8	0.7	4.7
CV848-032	9.36	<1	7.5	1.3	14.7
CV848-033	142	8	154	21.9	22.1
CV848-034	3.32	<1	5.8	0.7	3.7
CV848-035	8.29	<1	12.2	1.9	12.8
CV848-036	7.31	<1	10.5	1.5	17.8
CV848-037	0.29	<1	1.6	0.2	27.8
CV848-038	7.12	<1	14.8	2.4	16.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@U	@W	@Y	@Yb	@Zr
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	1	0.5	0.1	0.5
Upper Limit	1,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID					
CV848-039	6.04	<1	18.2	2.6	1.6
CV848-040	13.37	<1	14.7	2.6	2.9
CV848-041	10.04	<1	9.6	2.3	7.9
CV848-042	41.31	<1	40.5	7.5	5.4
CV848-043	6.00	5	0.7	<0.1	11.3
CV848-044	23.39	1	32.3	5.2	23.5
CV848-045	12.95	<1	22.3	3.5	8.6
CV848-046	1.83	<1	3.4	0.5	2.8
CV848-047	5.35	<1	10.4	1.6	6.2
CV848-048	30.32	1	59.2	7.5	5.5
CV848-049	4.43	<1	12.0	3.7	28.0
CV848-050	26.56	<1	36.5	9.4	75.7
CV848-051	69.60	1	64.3	14.0	73.3
CV848-052	5.14	<1	10.6	1.8	7.6
CV848-053	6.72	<1	10.8	2.4	14.6
CV848-054	12.07	<1	24.2	6.2	37.0
CV848-055	11.61	<1	21.6	5.3	42.9
CV848-056	11.51	<1	18.9	3.0	11.0
CV848-057	45.78	2	49.5	6.3	15.2
CV848-058	6.68	<1	9.3	1.2	5.4
CV848-059	13.42	<1	21.4	3.3	12.4
CV848-060	1.18	<1	17.1	1.7	116
CV848-061	1.12	<1	15.8	1.6	116
CV848-062	0.33	<1	2.3	0.3	31.6
*Dup CV848-040	13.54	<1	14.7	2.7	3.2
*Dup CV848-045	13.96	<1	24.3	3.7	12.4
*Dup CV848-054	11.87	<1	23.5	6.1	58.6
*Blk BLANK	0.09	<1	<0.5	<0.1	0.7
*Std OREAS 753	6.09	6	0.8	<0.1	11.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 10 Jun 2025

ANALYSIS REPORT BBM25-49015

Order Number	CV25-848
Project	Corvette
Submission Number	Batch CDM-022
Number of Samples	62

Element	@U	@W	@Y	@Yb	@Zr
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	1	0.5	0.1	0.5
Upper Limit	1,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID					
*Std AMIS0341	13.40	5	1.9	0.1	19.8
*Std OREAS 554	15.11	1	20.4	2.0	79.3
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5
*Rep CV848-055	11.58	<1	23.2	5.8	43.2
*Std OREAS 750	4.42	5	12.8	1.2	111
*Std OREAS 553	27.36	1	19.2	1.8	112
*Std AMIS0355	5.84	2	4.6	0.2	24.7
*Std OREAS 750	4.10	5	12.1	1.1	109
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5
*Std OREAS 553	25.46	1	17.9	1.9	107
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5
*Std OREAS 750	4.42	5	13.0	1.2	100

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

To INNOVA LITHIUM INC
Att: DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Methods Summary

Number of Samples	Method Code	Description
52	G_WGH_KG	Weight of samples received
52	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
52	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
9	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.
This Report cancels and supersedes Report No.9-May-2025 _U0077686296 issued by SGS Canada (Production Way). Reflecting CV850-037 as LNR.

Date Completed: 22-Jul-2025
Original Certificate Issue Date : 09-May-2025
Project: Corvette Project
Submission Number: Batch CDM-024
Number of Samples: 52

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV850-001	3.40	7.07	30	479	<5	3.1
CV850-002	2.36	6.87	126	463	<5	2.9
CV850-003	2.30	6.81	20	433	<5	2.9
CV850-004	1.17	7.14	82	450	<5	3.2
CV850-005	-	7.20	92	452	<5	3.2
CV850-006	1.12	7.59	16	440	<5	2.8
CV850-007	1.12	7.11	10	515	10	3.0
CV850-008	3.47	7.45	<10	742	<5	3.1
CV850-009	2.68	5.01	635	389	<5	4.4
CV850-010	1.21	7.52	584	692	<5	2.9
CV850-011	1.15	8.44	19	924	5	3.0
CV850-012	0.51	0.10	<10	10	<5	<0.1
CV850-013	1.12	7.38	15	455	<5	1.7
CV850-014	1.17	9.29	17	1066	<5	3.8
CV850-015	1.19	8.83	18	831	<5	3.1
CV850-016	1.14	9.47	21	819	<5	4.3
CV850-017	3.67	6.50	19	279	<5	7.2
CV850-018	0.02	8.57	18	19	125	0.2
CV850-019	4.14	7.92	51	321	<5	7.1
CV850-020	1.32	7.47	207	207	<5	7.2
CV850-021	1.46	7.62	25	128	<5	9.5
CV850-022	3.76	7.30	19	145	<5	8.7
CV850-023	3.45	9.01	13	971	<5	3.8
CV850-024	3.07	7.44	17	87	<5	12.0
CV850-025	4.58	7.74	19	151	<5	11.1
CV850-026	2.44	7.22	26	269	<5	7.3
CV850-027	3.46	9.33	53	501	<5	4.4
CV850-028	1.02	8.51	35	256	<5	3.6
CV850-029	4.86	7.85	16	104	<5	12.0
CV850-030	-	7.93	16	102	<5	11.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV850-031	2.63	7.97	18	140	<5	11.3
CV850-032	3.70	7.74	16	127	<5	9.4
CV850-033	1.52	6.08	16	124	<5	11.4
CV850-034	3.53	7.20	18	159	<5	9.3
CV850-035	4.05	7.26	19	188	<5	7.7
CV850-036	1.30	7.50	14	397	<5	7.0
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	3.49	9.29	13	1014	<5	4.7
CV850-039	1.18	8.69	12	1444	<5	3.6
CV850-040	1.56	6.34	16	313	<5	6.7
CV850-041	1.34	7.87	19	216	<5	6.7
CV850-042	3.62	6.00	21	397	<5	7.5
CV850-043	0.02	8.47	22	427	106	0.8
CV850-044	1.31	5.59	21	185	<5	7.9
CV850-045	1.18	6.21	13	987	<5	5.5
CV850-046	3.49	9.17	14	1086	<5	3.4
CV850-047	3.48	8.85	14	984	<5	3.1
CV850-048	3.52	8.70	12	1127	<5	2.6
CV850-049	1.08	8.88	11	1083	<5	3.2
CV850-050	3.18	8.42	11	1054	<5	3.3
CV850-051	1.15	8.27	13	1035	<5	3.8
CV850-052	1.20	8.75	12	1052	<5	3.3
*Dup CV850-035	-	7.28	20	200	<5	7.7
*Rep CV850-034	-	7.15	18	156	<5	9.2
*Std OREAS 147	-	5.00	25	1970	34	1.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 753	-	8.57	17	19	124	0.2
*Std AMIS0341	-	8.74	471	152	231	0.6
*Std OREAS 554	-	4.39	193	1272	<5	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Rep CV850-038	-	9.11	15	937	<5	4.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 753	-	8.41	16	14	120	0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV850-001	535	79	8.30	2.1	158	2.65
CV850-002	551	58	7.60	2.1	107	2.60
CV850-003	549	40	7.01	2.0	92	2.50
CV850-004	582	53	6.89	1.8	84	2.57
CV850-005	584	57	6.89	1.9	85	2.56
CV850-006	524	72	8.32	2.3	92	2.39
CV850-007	623	41	6.41	2.0	77	2.47
CV850-008	580	69	7.62	2.2	83	2.78
CV850-009	1663	13	6.52	3.2	139	10.91
CV850-010	587	91	8.24	2.2	100	3.14
CV850-011	308	65	4.08	3.0	48	1.38
CV850-012	314	<10	0.29	0.1	<10	<0.01
CV850-013	372	<10	2.26	2.0	34	0.66
CV850-014	258	26	5.04	2.0	65	1.75
CV850-015	331	40	3.96	1.7	55	1.25
CV850-016	266	45	5.70	1.2	52	2.11
CV850-017	752	258	8.72	0.9	82	6.57
CV850-018	34	18	0.90	2.0	10223	0.02
CV850-019	621	455	8.75	1.1	71	5.57
CV850-020	401	433	9.11	1.0	63	5.13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV850-021	393	231	9.11	0.6	27	3.53
CV850-022	424	413	9.86	0.6	19	4.76
CV850-023	193	<10	5.05	2.2	18	1.71
CV850-024	425	246	7.59	0.5	24	3.58
CV850-025	466	118	8.07	0.6	23	3.79
CV850-026	414	312	8.59	1.2	41	5.76
CV850-027	134	32	6.87	2.2	97	3.06
CV850-028	135	224	5.52	1.5	101	3.14
CV850-029	526	158	7.87	0.4	17	3.69
CV850-030	479	247	7.79	0.4	16	3.59
CV850-031	475	202	7.97	0.4	24	4.05
CV850-032	373	165	9.01	0.5	14	3.99
CV850-033	361	1338	10.12	0.4	28	4.66
CV850-034	310	177	8.67	0.6	24	4.40
CV850-035	331	178	9.35	0.7	25	4.97
CV850-036	199	147	10.19	1.2	49	4.42
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	315	84	5.79	1.5	33	2.35
CV850-039	232	106	4.24	3.3	24	1.73
CV850-040	691	127	9.23	0.9	45	5.50
CV850-041	385	105	7.67	0.7	23	4.35
CV850-042	940	16	8.77	1.7	100	8.13
CV850-043	45	32	1.69	2.6	4625	0.31
CV850-044	546	67	9.87	0.9	39	6.41
CV850-045	711	35	6.14	3.0	72	5.66
CV850-046	209	36	4.21	2.8	15	1.47
CV850-047	357	45	3.96	2.8	21	1.45
CV850-048	276	57	3.38	3.2	29	1.12
CV850-049	367	17	3.93	2.9	17	1.39
CV850-050	330	104	4.10	2.8	19	1.72

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV850-051	396	255	4.82	2.9	37	2.44
CV850-052	409	31	4.05	3.0	20	1.55
*Dup CV850-035	339	214	9.35	0.8	26	4.95
*Rep CV850-034	313	176	8.61	0.6	22	4.36
*Std OREAS 147	79	297	3.25	1.7	2285	0.55
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 753	31	23	0.90	2.0	10220	0.02
*Std AMIS0341	471	56	0.98	2.8	5028	0.22
*Std OREAS 554	73	>10000	1.88	1.7	34	3.30
*Rep CV850-038	85	122	5.81	1.4	31	2.28
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 753	21	16	0.86	2.0	10213	0.02

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV850-001	710	143	0.07	0.63	17	28.2
CV850-002	691	136	0.07	0.42	15	29.7
CV850-003	635	130	0.06	0.27	15	>30.0
CV850-004	680	133	0.07	0.31	15	29.5
CV850-005	679	136	0.07	0.31	15	29.6
CV850-006	828	137	0.07	0.72	17	28.3
CV850-007	941	128	0.08	0.19	16	>30.0
CV850-008	727	143	0.07	0.45	18	28.3
CV850-009	1077	653	0.10	0.02	21	23.6
CV850-010	734	161	0.08	0.43	19	27.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV850-011	831	24	0.12	0.01	10	29.8
CV850-012	16	10	<0.01	<0.01	<5	>30.0
CV850-013	515	13	0.05	<0.01	6	>30.0
CV850-014	940	25	0.16	<0.01	12	28.1
CV850-015	809	19	0.11	<0.01	9	>30.0
CV850-016	940	34	0.17	0.02	14	27.1
CV850-017	1567	255	0.17	0.04	32	23.7
CV850-018	751	19	0.12	0.02	<5	>30.0
CV850-019	1398	223	0.22	0.16	34	23.5
CV850-020	1671	140	0.13	0.23	39	23.0
CV850-021	1949	135	0.03	0.39	44	22.7
CV850-022	1841	136	0.10	0.05	41	23.0
CV850-023	839	24	0.16	<0.01	11	27.1
CV850-024	1920	133	0.03	0.05	39	23.1
CV850-025	1894	142	0.06	0.02	41	23.2
CV850-026	1694	150	0.06	0.02	39	24.5
CV850-027	1167	46	0.21	0.02	20	24.8
CV850-028	787	28	0.19	0.06	16	26.2
CV850-029	1705	158	0.03	0.04	43	23.2
CV850-030	1630	148	0.02	0.05	42	23.0
CV850-031	1718	153	0.04	0.04	40	23.9
CV850-032	1943	131	0.05	0.03	45	24.5
CV850-033	2102	126	0.10	0.48	44	23.2
CV850-034	1889	111	0.05	0.01	38	22.4
CV850-035	1711	117	0.15	0.01	41	22.0
CV850-036	1706	56	0.40	0.01	33	22.1
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	1142	42	0.19	<0.01	15	24.7
CV850-039	747	33	0.13	<0.01	11	27.3
CV850-040	1516	136	0.18	<0.01	39	23.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV850-041	1357	103	0.14	<0.01	37	23.0
CV850-042	1757	259	0.17	<0.01	40	22.0
CV850-043	687	19	0.13	0.07	<5	>30.0
CV850-044	1880	127	0.24	<0.01	43	21.2
CV850-045	1504	151	0.17	<0.01	23	24.5
CV850-046	915	22	0.13	<0.01	10	27.2
CV850-047	842	26	0.12	<0.01	9	28.5
CV850-048	690	22	0.10	<0.01	7	27.3
CV850-049	838	27	0.11	<0.01	9	28.3
CV850-050	921	34	0.11	<0.01	10	26.9
CV850-051	1183	54	0.13	<0.01	14	26.7
CV850-052	921	31	0.12	<0.01	9	28.4
*Dup CV850-035	1702	114	0.15	0.02	41	21.8
*Rep CV850-034	1867	114	0.05	0.01	38	22.2
*Std OREAS 147	408	31	0.17	0.03	10	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 753	752	17	0.12	0.02	<5	>30.0
*Std AMIS0341	1717	35	0.30	0.03	<5	>30.0
*Std OREAS 554	1109	36	0.03	0.81	9	29.5
*Rep CV850-038	1115	34	0.17	<0.01	11	25.1
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 753	752	10	0.10	0.01	<5	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-001	378	0.32	109	77	<1	<5
CV850-002	380	0.30	101	74	<1	<5
CV850-003	418	0.28	96	69	<1	<5
CV850-004	504	0.28	97	73	<1	<5
CV850-005	507	0.28	97	72	<1	<5
CV850-006	335	0.32	106	76	<1	<5
CV850-007	358	0.27	109	92	<1	<5
CV850-008	399	0.33	119	81	<1	<5
CV850-009	176	0.29	124	82	<1	<5
CV850-010	422	0.35	127	84	<1	<5
CV850-011	1102	0.28	90	63	<1	<5
CV850-012	<10	0.01	<5	<5	<1	<5
CV850-013	525	0.14	52	30	<1	<5
CV850-014	1343	0.35	116	77	<1	<5
CV850-015	1126	0.25	89	65	<1	<5
CV850-016	1376	0.40	136	73	<1	<5
CV850-017	565	0.53	228	109	<1	<5
CV850-018	33	<0.01	<5	87	<1	5
CV850-019	1099	0.62	238	90	<1	<5
CV850-020	663	0.57	263	107	<1	<5
CV850-021	447	0.59	301	110	<1	<5
CV850-022	697	0.59	300	107	<1	<5
CV850-023	1388	0.35	116	70	<1	<5
CV850-024	626	0.39	229	80	<1	<5
CV850-025	472	0.46	263	93	<1	<5
CV850-026	553	0.45	238	101	<1	<5
CV850-027	594	0.99	211	66	<1	<5
CV850-028	246	0.94	158	50	<1	<5
CV850-029	777	0.44	240	77	<1	<5
CV850-030	859	0.42	236	75	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-031	410	0.40	240	80	<1	<5
CV850-032	360	0.53	276	98	<1	<5
CV850-033	591	0.48	270	100	<1	<5
CV850-034	639	0.46	265	100	<1	<5
CV850-035	573	0.61	285	112	<1	<5
CV850-036	1230	0.75	288	148	<1	<5
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	1790	0.41	147	99	<1	<5
CV850-039	1636	0.29	106	65	<1	<5
CV850-040	683	0.65	291	106	<1	<5
CV850-041	1116	0.60	274	82	<1	<5
CV850-042	442	0.60	268	116	<1	<5
CV850-043	84	0.15	26	101	<1	9
CV850-044	673	0.70	337	122	<1	<5
CV850-045	762	0.44	155	116	<1	<5
CV850-046	1263	0.31	98	81	<1	<5
CV850-047	1181	0.28	93	72	<1	<5
CV850-048	1142	0.25	78	63	<1	<5
CV850-049	1259	0.28	91	68	<1	<5
CV850-050	1159	0.30	98	71	<1	<5
CV850-051	1054	0.32	116	89	<1	<5
CV850-052	1190	0.29	92	76	<1	<5
*Dup CV850-035	591	0.61	288	115	<1	<5
*Rep CV850-034	637	0.45	262	99	<1	<5
*Std OREAS 147	306	0.49	63	147	<1	35
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 753	34	<0.01	<5	88	<1	5
*Std AMIS0341	73	0.01	<5	113	<1	24
*Std OREAS 554	77	0.24	124	56	<1	67

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Rep CV850-038	1718	0.40	142	95	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 753	25	<0.01	<5	88	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-001	1.6	<0.2	36.1	28.2	18.1	2.26
CV850-002	1.1	<0.2	33.0	25.8	16.7	2.17
CV850-003	0.4	<0.2	34.9	23.2	20.0	2.21
CV850-004	1.8	<0.2	31.8	24.6	26.3	2.28
CV850-005	1.6	<0.2	32.0	24.1	25.7	2.23
CV850-006	1.9	<0.2	36.2	25.9	44.4	2.15
CV850-007	46.0	<0.2	33.4	22.8	53.3	2.40
CV850-008	10.0	<0.2	36.1	28.3	42.0	2.22
CV850-009	0.3	<0.2	30.0	61.0	29.3	2.18
CV850-010	1.4	<0.2	33.9	30.1	28.0	2.20
CV850-011	0.4	<0.2	65.6	14.8	45.8	2.42
CV850-012	<0.1	<0.2	3.0	0.7	0.2	0.36
CV850-013	0.5	<0.2	26.3	7.0	38.3	5.67
CV850-014	0.8	<0.2	59.7	16.2	51.8	2.50
CV850-015	0.8	<0.2	48.4	13.3	49.4	4.46
CV850-016	0.4	<0.2	64.1	21.8	13.0	2.54
CV850-017	0.6	<0.2	63.2	51.5	6.6	3.92
CV850-018	2.4	1.5	0.8	1.1	65.2	0.18
CV850-019	0.7	<0.2	65.0	50.3	8.2	4.13
CV850-020	0.4	<0.2	44.8	51.9	9.6	4.37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-021	0.5	<0.2	11.7	54.2	1.2	3.70
CV850-022	3.8	<0.2	34.6	50.1	1.3	3.70
CV850-023	0.8	<0.2	67.0	18.0	5.2	2.40
CV850-024	0.4	<0.2	13.0	48.5	2.3	2.65
CV850-025	1.9	<0.2	21.9	51.0	2.0	3.11
CV850-026	15.2	<0.2	31.1	50.8	10.6	3.16
CV850-027	0.4	<0.2	43.4	31.1	35.9	2.68
CV850-028	0.4	<0.2	20.6	25.6	26.0	1.54
CV850-029	0.3	<0.2	9.9	49.6	1.3	2.66
CV850-030	0.3	<0.2	10.3	47.8	1.4	2.59
CV850-031	0.4	<0.2	10.9	51.5	1.7	2.69
CV850-032	<0.1	<0.2	16.5	54.7	0.8	3.31
CV850-033	0.1	<0.2	35.0	50.5	1.6	3.45
CV850-034	0.1	<0.2	22.3	48.6	1.0	2.99
CV850-035	0.5	<0.2	57.3	50.6	2.2	4.44
CV850-036	0.8	0.2	140	43.7	9.3	7.21
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	0.2	<0.2	59.4	22.9	5.8	2.51
CV850-039	<0.1	<0.2	52.0	17.0	4.7	1.62
CV850-040	3.4	<0.2	75.6	49.9	26.1	4.52
CV850-041	7.1	<0.2	51.0	41.8	15.0	3.53
CV850-042	4.3	<0.2	51.3	52.6	92.3	4.04
CV850-043	1.8	1.0	30.3	3.8	49.3	2.39
CV850-044	2.7	<0.2	70.8	52.3	12.5	4.95
CV850-045	0.5	<0.2	95.5	38.2	8.9	4.22
CV850-046	0.7	<0.2	79.3	14.9	5.9	2.68
CV850-047	1.5	<0.2	64.4	14.1	7.4	2.20
CV850-048	1.7	<0.2	67.3	11.9	13.8	1.98
CV850-049	0.3	<0.2	73.4	13.5	6.4	2.34
CV850-050	1.2	<0.2	75.1	15.9	6.2	2.49

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-051	3.1	<0.2	69.7	19.7	6.7	2.74
CV850-052	0.8	<0.2	78.6	14.8	6.2	2.56
*Dup CV850-035	0.5	<0.2	55.6	51.3	2.7	4.38
*Rep CV850-034	0.1	<0.2	22.3	47.3	1.3	2.96
*Std OREAS 147	12.3	<0.2	1100	6.6	233	8.36
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Blk BLANK	<0.1	<0.2	0.2	<0.5	<0.1	<0.05
*Std OREAS 753	2.4	1.6	0.9	1.4	64.9	0.16
*Std AMIS0341	26.1	<0.2	1.1	3.9	495	0.29
*Std OREAS 554	3.0	0.2	71.0	8150	2.6	3.69
*Rep CV850-038	0.3	<0.2	57.5	21.7	5.1	2.37
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 753	2.4	1.5	0.8	1.0	59.4	0.16

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-001	1.28	0.95	18	2.73	2	3
CV850-002	1.23	0.88	17	2.46	2	3
CV850-003	1.23	0.86	16	2.68	2	3
CV850-004	1.29	0.88	18	2.60	2	3
CV850-005	1.34	0.89	18	2.59	2	4
CV850-006	1.21	0.86	25	2.59	2	3
CV850-007	1.34	0.83	33	2.71	3	3
CV850-008	1.27	0.95	19	2.63	3	3
CV850-009	1.19	0.84	12	2.61	2	2
CV850-010	1.32	1.03	18	2.60	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-011	1.41	1.30	22	3.58	2	4
CV850-012	0.26	<0.05	<1	0.30	1	<1
CV850-013	4.67	0.60	23	4.68	2	12
CV850-014	1.28	1.43	20	3.55	1	4
CV850-015	3.13	1.21	23	4.44	2	7
CV850-016	1.34	1.60	22	3.91	1	3
CV850-017	2.24	1.78	18	5.35	2	2
CV850-018	0.06	<0.05	16	0.15	7	1
CV850-019	2.19	1.98	18	5.74	2	2
CV850-020	2.46	1.35	18	4.82	2	2
CV850-021	2.33	0.88	18	3.17	2	2
CV850-022	2.16	1.25	18	3.99	2	2
CV850-023	1.18	1.48	21	3.44	1	4
CV850-024	1.64	0.68	15	2.30	2	1
CV850-025	1.89	0.91	16	2.99	2	1
CV850-026	1.80	1.03	17	3.28	2	2
CV850-027	1.39	1.22	22	3.42	1	2
CV850-028	0.85	0.89	19	1.90	2	2
CV850-029	1.69	0.70	16	2.24	2	1
CV850-030	1.61	0.69	16	2.21	2	1
CV850-031	1.65	0.69	16	2.27	2	1
CV850-032	2.10	0.86	16	3.08	2	2
CV850-033	1.96	1.19	16	3.78	2	2
CV850-034	1.70	1.01	16	2.94	2	1
CV850-035	2.51	1.62	17	5.26	2	2
CV850-036	3.65	3.10	23	10.56	2	3
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	1.20	1.72	20	3.89	1	2
CV850-039	0.83	1.19	18	2.67	1	2
CV850-040	2.16	1.83	18	6.55	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-041	1.92	1.48	18	4.49	2	3
CV850-042	2.16	1.58	15	5.18	2	2
CV850-043	1.19	0.55	19	2.88	5	4
CV850-044	2.58	1.93	18	6.81	2	2
CV850-045	2.09	1.91	16	6.40	2	4
CV850-046	1.38	1.53	21	4.10	1	4
CV850-047	1.09	1.34	20	3.44	1	4
CV850-048	1.00	1.34	20	3.18	1	4
CV850-049	1.19	1.30	20	3.34	1	4
CV850-050	1.27	1.44	20	3.72	1	4
CV850-051	1.37	1.46	19	4.11	2	3
CV850-052	1.39	1.48	20	4.00	1	4
*Dup CV850-035	2.56	1.58	18	5.38	2	2
*Rep CV850-034	1.79	1.01	16	2.82	2	1
*Std OREAS 147	2.50	9.87	18	20.73	3	5
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 753	<0.05	<0.05	16	0.18	7	1
*Std AMIS0341	0.12	<0.05	45	0.28	10	3
*Std OREAS 554	2.15	0.93	13	4.33	1	3
*Rep CV850-038	1.11	1.73	20	4.06	1	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 753	<0.05	<0.05	15	0.14	6	1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-001	0.46	<0.2	17.8	0.18	4	4
CV850-002	0.42	<0.2	15.9	0.18	11	4
CV850-003	0.46	<0.2	17.0	0.20	<2	4
CV850-004	0.46	<0.2	15.0	0.21	16	7
CV850-005	0.43	<0.2	15.0	0.23	15	7
CV850-006	0.43	<0.2	18.2	0.19	3	48
CV850-007	0.47	<0.2	15.2	0.21	41	71
CV850-008	0.46	<0.2	17.6	0.18	21	5
CV850-009	0.43	<0.2	13.8	0.17	<2	3
CV850-010	0.43	<0.2	16.5	0.19	6	4
CV850-011	0.45	<0.2	32.2	0.21	<2	10
CV850-012	0.08	<0.2	1.6	<0.05	<2	<1
CV850-013	1.30	<0.2	12.4	1.39	<2	71
CV850-014	0.47	<0.2	28.2	0.17	<2	6
CV850-015	0.96	<0.2	23.4	0.85	<2	43
CV850-016	0.49	<0.2	30.6	0.18	<2	4
CV850-017	0.77	<0.2	26.5	0.29	<2	6
CV850-018	<0.05	<0.2	0.4	<0.05	3	36
CV850-019	0.80	<0.2	26.2	0.28	<2	5
CV850-020	0.87	<0.2	18.1	0.34	<2	4
CV850-021	0.82	<0.2	5.2	0.34	<2	3
CV850-022	0.74	<0.2	13.9	0.30	<2	5
CV850-023	0.42	<0.2	32.9	0.16	<2	4
CV850-024	0.55	<0.2	5.4	0.26	<2	2
CV850-025	0.63	<0.2	8.9	0.26	<2	3
CV850-026	0.66	<0.2	13.2	0.27	<2	4
CV850-027	0.52	<0.2	20.8	0.18	3	7
CV850-028	0.31	<0.2	10.0	0.12	<2	4
CV850-029	0.57	<0.2	4.2	0.25	<2	2
CV850-030	0.56	<0.2	4.4	0.25	<2	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-031	0.55	<0.2	4.4	0.26	<2	2
CV850-032	0.70	<0.2	6.6	0.29	<2	3
CV850-033	0.72	<0.2	14.4	0.30	<2	3
CV850-034	0.60	<0.2	9.1	0.27	<2	3
CV850-035	0.89	<0.2	23.2	0.34	<2	6
CV850-036	1.35	<0.2	56.6	0.47	<2	9
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	0.43	<0.2	28.6	0.15	<2	2
CV850-039	0.30	<0.2	27.8	0.12	<2	3
CV850-040	0.82	<0.2	33.7	0.29	<2	6
CV850-041	0.69	<0.2	22.5	0.28	<2	6
CV850-042	0.78	<0.2	20.3	0.29	<2	5
CV850-043	0.45	<0.2	15.2	0.17	3	39
CV850-044	0.94	<0.2	28.7	0.33	<2	6
CV850-045	0.78	<0.2	41.8	0.29	<2	9
CV850-046	0.50	<0.2	39.7	0.19	<2	5
CV850-047	0.43	<0.2	33.5	0.16	<2	5
CV850-048	0.37	<0.2	35.5	0.16	<2	6
CV850-049	0.44	<0.2	37.5	0.17	<2	6
CV850-050	0.44	<0.2	38.1	0.19	<2	6
CV850-051	0.49	<0.2	34.9	0.21	<2	5
CV850-052	0.48	<0.2	39.2	0.20	<2	6
*Dup CV850-035	0.87	<0.2	22.8	0.35	<2	6
*Rep CV850-034	0.58	<0.2	9.2	0.26	<2	3
*Std OREAS 147	1.19	2.5	684	0.21	7	1049
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	125
*Std OREAS 554	0.76	<0.2	36.5	0.30	3	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Rep CV850-038	0.46	<0.2	28.0	0.15	<2	2
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-001	16.4	12	4.19	106	<0.1	3.0
CV850-002	15.4	10	3.96	104	<0.1	3.0
CV850-003	16.0	10	4.11	105	<0.1	2.9
CV850-004	15.3	12	3.78	112	<0.1	3.1
CV850-005	15.2	12	3.85	113	<0.1	2.9
CV850-006	16.2	23	4.22	223	0.1	3.0
CV850-007	16.1	22	3.95	210	<0.1	3.2
CV850-008	16.7	16	4.17	161	<0.1	3.2
CV850-009	15.9	67	3.72	121	<0.1	3.3
CV850-010	15.9	31	4.03	103	<0.1	3.0
CV850-011	31.0	20	7.91	140	0.1	5.4
CV850-012	1.4	<5	0.38	1.3	0.2	0.3
CV850-013	14.8	56	3.46	152	0.1	3.9
CV850-014	30.4	20	7.35	172	<0.1	5.2
CV850-015	25.3	33	6.00	169	<0.1	5.0
CV850-016	32.3	9	7.81	71.2	<0.1	5.4
CV850-017	35.8	<5	8.25	41.5	0.1	6.9
CV850-018	0.4	12	0.10	634	0.3	0.1
CV850-019	39.3	<5	8.92	46.4	0.1	7.4
CV850-020	26.9	<5	6.13	40.8	0.3	5.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-021	8.2	<5	1.69	18.4	0.5	2.4
CV850-022	21.1	<5	4.73	7.9	0.3	4.4
CV850-023	30.8	10	7.75	58.7	0.1	5.1
CV850-024	7.9	<5	1.80	17.0	0.3	2.0
CV850-025	13.7	<5	3.06	16.5	0.3	3.0
CV850-026	17.1	5	4.02	61.3	0.2	3.5
CV850-027	21.9	8	5.35	111	0.2	4.0
CV850-028	10.5	<5	2.46	74.0	<0.1	2.2
CV850-029	6.5	<5	1.42	8.3	0.4	1.9
CV850-030	6.7	<5	1.42	8.5	0.3	1.8
CV850-031	7.0	<5	1.49	8.5	0.3	1.9
CV850-032	10.6	<5	2.27	3.6	0.3	2.7
CV850-033	20.8	7	4.72	5.4	0.3	4.3
CV850-034	13.6	<5	3.06	7.9	0.3	3.0
CV850-035	32.8	<5	7.50	13.6	0.3	6.7
CV850-036	79.3	<5	18.63	81.9	0.3	14.6
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	32.8	8	7.53	45.7	0.1	5.5
CV850-039	23.8	12	5.95	74.2	<0.1	3.8
CV850-040	43.6	13	9.93	33.8	0.3	8.2
CV850-041	27.7	11	6.46	18.6	0.3	5.4
CV850-042	31.4	<5	7.16	103	0.3	6.4
CV850-043	14.0	20	3.62	493	0.6	3.1
CV850-044	43.6	<5	9.94	29.9	0.5	8.7
CV850-045	50.6	8	12.45	87.6	0.1	9.0
CV850-046	35.5	15	9.27	83.3	0.1	5.8
CV850-047	29.6	16	7.59	96.3	0.1	4.8
CV850-048	29.5	17	7.68	120	0.1	4.5
CV850-049	32.6	15	8.36	87.4	0.2	5.3
CV850-050	33.4	15	8.69	93.8	0.2	5.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-051	32.8	14	8.41	102	0.1	5.7
CV850-052	35.1	16	9.08	102	0.2	5.4
*Dup CV850-035	32.2	<5	7.56	16.4	0.2	6.3
*Rep CV850-034	13.7	<5	3.07	8.0	0.3	3.1
*Std OREAS 147	364	27	113	1119	9.7	45.9
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std OREAS 753	0.4	12	0.10	621	0.2	0.2
*Std AMIS0341	0.5	13	0.13	4095	13.5	0.2
*Std OREAS 554	30.0	18	7.87	91.3	2.4	5.4
*Rep CV850-038	31.8	8	7.68	42.9	0.1	5.5
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1
*Std OREAS 753	0.3	11	0.09	621	0.3	0.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-001	1	<0.5	0.38	4.0	<0.5	0.19
CV850-002	<1	<0.5	0.37	3.9	0.5	0.19
CV850-003	<1	<0.5	0.38	4.2	<0.5	0.18
CV850-004	<1	1.7	0.39	3.5	0.6	0.20
CV850-005	<1	1.5	0.38	3.6	0.6	0.20
CV850-006	<1	8.1	0.36	4.1	1.2	0.18
CV850-007	2	16.8	0.40	3.3	1.3	0.20
CV850-008	1	<0.5	0.38	3.3	0.9	0.19
CV850-009	<1	<0.5	0.37	2.4	0.7	0.17
CV850-010	<1	<0.5	0.38	2.5	0.6	0.18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-011	1	3.7	0.45	2.7	0.6	0.19
CV850-012	<1	<0.5	0.06	0.4	<0.5	<0.05
CV850-013	<1	12.0	0.82	17.2	0.7	0.90
CV850-014	<1	<0.5	0.43	2.5	0.9	0.18
CV850-015	1	6.7	0.70	8.7	0.8	0.59
CV850-016	<1	<0.5	0.48	1.2	<0.5	0.19
CV850-017	1	<0.5	0.72	2.1	<0.5	0.30
CV850-018	145	20.8	<0.05	<0.1	4.0	<0.05
CV850-019	2	<0.5	0.77	1.2	<0.5	0.30
CV850-020	1	<0.5	0.73	0.6	<0.5	0.37
CV850-021	<1	<0.5	0.58	<0.1	<0.5	0.35
CV850-022	1	<0.5	0.58	0.5	<0.5	0.31
CV850-023	<1	<0.5	0.42	2.4	<0.5	0.17
CV850-024	<1	<0.5	0.39	0.5	<0.5	0.25
CV850-025	<1	<0.5	0.47	0.3	<0.5	0.25
CV850-026	<1	<0.5	0.50	1.1	<0.5	0.26
CV850-027	<1	0.7	0.47	2.1	<0.5	0.20
CV850-028	<1	<0.5	0.26	2.0	<0.5	0.11
CV850-029	<1	<0.5	0.39	<0.1	<0.5	0.25
CV850-030	<1	<0.5	0.39	0.1	<0.5	0.24
CV850-031	<1	<0.5	0.38	0.2	<0.5	0.24
CV850-032	<1	<0.5	0.50	0.3	<0.5	0.31
CV850-033	1	<0.5	0.55	1.3	<0.5	0.30
CV850-034	<1	<0.5	0.45	1.6	<0.5	0.26
CV850-035	<1	<0.5	0.75	3.8	<0.5	0.37
CV850-036	2	<0.5	1.33	1.5	<0.5	0.50
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R
CV850-038	<1	<0.5	0.47	0.6	<0.5	0.16
CV850-039	<1	<0.5	0.31	7.2	<0.5	0.12
CV850-040	<1	<0.5	0.83	9.0	<0.5	0.32

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV850-041	<1	<0.5	0.61	5.5	<0.5	0.27
CV850-042	<1	<0.5	0.72	1.4	<0.5	0.30
CV850-043	161	31.0	0.43	5.6	3.0	0.17
CV850-044	1	<0.5	0.89	2.0	<0.5	0.36
CV850-045	1	0.6	0.80	2.6	<0.5	0.29
CV850-046	<1	<0.5	0.49	3.6	<0.5	0.20
CV850-047	<1	<0.5	0.42	8.4	<0.5	0.17
CV850-048	<1	<0.5	0.39	6.9	<0.5	0.15
CV850-049	<1	<0.5	0.43	5.9	<0.5	0.17
CV850-050	<1	<0.5	0.46	5.7	<0.5	0.17
CV850-051	<1	<0.5	0.50	5.0	<0.5	0.20
CV850-052	<1	<0.5	0.51	6.2	<0.5	0.20
*Dup CV850-035	<1	<0.5	0.74	3.1	<0.5	0.35
*Rep CV850-034	<1	<0.5	0.48	1.0	<0.5	0.25
*Std OREAS 147	736	17.9	2.13	86.4	11.1	0.30
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 753	145	19.9	<0.05	<0.1	4.0	<0.05
*Std AMIS0341	94	735	0.06	4.8	42.0	<0.05
*Std OREAS 554	2	0.6	0.64	8.7	0.6	0.32
*Rep CV850-038	<1	<0.5	0.46	0.9	<0.5	0.15
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 753	131	19.0	<0.05	0.3	3.6	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV850-001	1.28	<1	11.5	1.3	94.5	-
CV850-002	1.35	<1	10.8	1.2	85.2	-
CV850-003	1.35	<1	11.3	1.2	85.5	-
CV850-004	1.66	<1	12.2	1.3	104	-
CV850-005	1.71	<1	12.1	1.4	99.4	-
CV850-006	1.21	2	11.3	1.3	93.1	-
CV850-007	1.25	5	13.4	1.4	92.7	-
CV850-008	1.11	<1	11.3	1.3	88.6	-
CV850-009	0.76	<1	10.9	1.2	59.3	-
CV850-010	0.81	<1	10.9	1.3	92.9	-
CV850-011	1.95	<1	13.4	1.4	124	-
CV850-012	0.33	<1	2.3	0.3	25.7	-
CV850-013	33.63	<1	44.9	7.6	166	-
CV850-014	0.87	<1	12.0	1.2	136	-
CV850-015	17.36	<1	30.8	4.8	165	-
CV850-016	0.54	<1	12.8	1.2	127	-
CV850-017	0.62	<1	20.3	2.0	55.1	7
CV850-018	6.29	6	0.8	<0.1	10.9	-
CV850-019	0.53	<1	20.6	2.0	60.1	10
CV850-020	0.32	<1	22.4	2.4	52.3	-
CV850-021	0.27	<1	20.8	2.3	43.4	<5
CV850-022	0.37	<1	18.8	1.9	46.1	-
CV850-023	0.92	<1	11.3	1.1	141	-
CV850-024	0.41	<1	14.4	1.6	41.9	5
CV850-025	0.30	8	15.6	1.7	37.1	<5
CV850-026	0.42	1	16.5	1.8	45.2	-
CV850-027	0.83	<1	13.3	1.2	62.2	-
CV850-028	0.91	2	7.6	0.8	75.3	9
CV850-029	0.22	<1	14.3	1.6	32.4	6
CV850-030	0.28	<1	14.1	1.7	34.7	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV850-031	0.36	<1	14.6	1.7	38.0	5
CV850-032	0.25	<1	17.5	2.0	44.0	-
CV850-033	0.87	<1	17.7	1.8	50.2	<5
CV850-034	0.45	<1	15.8	1.6	41.4	-
CV850-035	0.83	<1	22.9	2.3	66.5	-
CV850-036	0.85	<1	35.1	3.4	89.6	-
CV850-037	L.N.R	L.N.R	L.N.R	L.N.R	L.N.R	-
CV850-038	0.35	<1	11.4	1.0	111	-
CV850-039	1.21	<1	7.7	0.8	73.3	-
CV850-040	1.37	<1	22.1	2.0	90.8	-
CV850-041	1.60	<1	17.9	1.8	83.2	-
CV850-042	0.55	<1	20.0	1.9	53.4	-
CV850-043	6.80	6	12.4	1.2	115	-
CV850-044	0.93	<1	24.2	2.3	80.0	-
CV850-045	0.82	<1	20.6	2.0	144	-
CV850-046	1.10	<1	13.4	1.3	175	-
CV850-047	2.56	<1	11.1	1.1	165	-
CV850-048	2.24	<1	9.8	1.0	156	-
CV850-049	1.80	<1	11.6	1.2	154	-
CV850-050	1.92	<1	12.3	1.2	148	-
CV850-051	2.02	<1	13.3	1.4	143	-
CV850-052	2.12	<1	13.3	1.3	161	-
*Dup CV850-035	0.71	<1	23.1	2.4	61.8	-
*Std OREAS L13	-	-	-	-	-	1320
*Rep CV850-017	-	-	-	-	-	6
*Blk BLANK	-	-	-	-	-	<5
*Rep CV850-034	0.47	<1	15.6	1.8	45.4	-
*Std OREAS 147	15.32	5	26.4	1.6	210	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.9	-
*Blk BLANK	0.09	<1	<0.5	<0.1	0.7	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 22 Jul 2025

ANALYSIS REPORT BBM25-49017, BBM25-49752

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std OREAS 753	6.09	6	0.8	<0.1	11.8	-
*Std AMIS0341	13.40	5	1.9	0.1	19.8	-
*Std OREAS 554	15.11	1	20.4	2.0	79.3	-
*Rep CV850-038	0.38	<1	11.0	1.0	108	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 753	6.13	5	0.7	<0.1	11.4	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-842	Date Received	14 Apr 2025
Project	Corvette	Date Analysed	18 Apr 2025 - 07 May 2025
Submission Number	BATCH CDM-019	Date Completed	07 May 2025
Number of Samples	59	SGS Order Number	BBM25-49021

Methods Summary

Number of Samples	Method Code	Description
59	G_WGH_KG	Weight of samples received
56	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
56	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
22	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV842-001	3.73	7.11	44	30	8	0.3
CV842-002	3.65	7.00	42	33	<5	0.3
CV842-003	3.11	6.83	20	36	<5	0.3
CV842-004	4.23	6.96	25	29	<5	0.3
CV842-005	-	7.03	28	30	<5	0.3
CV842-006	3.70	7.11	51	32	<5	0.3
CV842-007	3.22	7.18	83	17	<5	0.3
CV842-008	2.60	7.28	111	21	<5	0.4
CV842-009	3.33	7.53	186	462	<5	2.7
CV842-010	3.27	7.84	43	341	<5	2.8
CV842-011	1.06	6.85	406	169	6	1.0
CV842-012	0.51	0.25	<10	21	<5	<0.1
CV842-013	2.88	7.99	476	298	<5	4.1
CV842-014	1.22	8.76	657	130	5	0.3
CV842-015	4.07	8.88	800	384	7	4.0
CV842-016	3.74	8.21	1246	76	9	0.7
CV842-017	3.44	7.65	1405	231	9	1.8
CV842-018	0.02	8.49	24	55	149	0.2
CV842-019	1.80	7.20	415	315	<5	1.3
CV842-020	2.95	7.61	571	355	<5	3.6
CV842-021	3.46	7.03	179	305	<5	2.3
CV842-022	2.00	6.69	389	410	<5	2.2
CV842-023	3.42	8.08	255	368	<5	2.5
CV842-024	4.05	8.21	60	402	<5	2.2
CV842-025	2.32	7.28	92	412	<5	1.6
CV842-026	3.31	7.87	67	272	<5	1.4
CV842-027	1.68	8.13	45	353	<5	1.3
CV842-028	1.14	7.73	622	179	8	1.7
CV842-029	2.01	6.62	45	437	<5	2.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV842-030	-	6.69	43	448	<5	2.1
CV842-031	3.45	7.64	50	570	<5	1.0
CV842-032	1.07	7.17	16	513	<5	2.3
CV842-033	4.26	6.63	191	339	<5	2.9
CV842-034	3.55	8.90	228	826	<5	4.2
CV842-035	1.18	8.24	28	853	<5	3.7
CV842-036	1.14	7.89	82	1370	<5	2.4
CV842-037	0.51	0.21	17	17	<5	<0.1
CV842-038	3.43	8.10	36	794	<5	3.3
CV842-039	1.69	8.07	26	1090	<5	2.4
CV842-040	3.54	7.53	24	544	<5	2.8
CV842-041	1.21	6.99	1002	447	<5	6.6
CV842-042	3.54	7.64	122	557	<5	4.8
CV842-043	0.02	9.01	15	19	116	0.2
CV842-044	3.48	8.96	33	710	<5	3.7
CV842-045	2.90	7.67	476	469	<5	5.3
CV842-046	1.18	7.16	941	321	<5	2.8
CV842-047	1.15	7.63	699	471	<5	2.3
CV842-048	1.15	8.06	152	473	<5	2.8
CV842-049	3.56	8.53	244	794	<5	3.3
CV842-050	3.46	7.62	71	531	<5	2.4
CV842-051	4.54	6.98	13	411	<5	3.6
CV842-052	4.44	6.84	43	248	<5	3.2
CV842-053	4.59	7.46	52	507	<5	2.9
CV842-054	3.46	8.73	28	587	<5	2.7
CV842-055	-	8.80	19	595	<5	2.6
CV842-056	3.54	7.56	103	529	<5	2.7
*Dup CV842-040	-	7.52	24	543	<5	2.9
*Std MAGRUDER210711	-	0.06	4556	22	<5	18.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Std AMIS0355	-	7.89	15	37	157	0.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 147	-	4.88	21	1867	31	1.1
*Std OREAS 753	-	8.60	15	19	113	0.1
*Rep CV842-024	-	8.24	58	399	<5	2.2
*Rep CV842-026	-	7.74	68	266	<5	1.4
*Std AMIS0341	-	8.77	420	149	206	0.5
*Std OREAS 554	-	4.37	169	1221	<5	3.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.61	414	151	213	0.5
*Std OREAS 147	-	4.92	28	1904	29	1.1
*Std OREAS 554	-	4.23	148	1250	<5	3.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV842-001	308	<10	0.52	3.7	<10	0.04
CV842-002	343	<10	0.42	4.2	<10	0.03
CV842-003	336	<10	0.41	3.5	<10	0.03
CV842-004	349	<10	0.66	3.9	<10	0.03
CV842-005	331	<10	0.48	3.8	<10	0.02
CV842-006	334	12	0.56	3.9	15	0.04
CV842-007	365	20	0.67	3.9	14	0.04
CV842-008	355	<10	0.54	3.1	11	0.03
CV842-009	364	26	3.86	1.0	188	2.24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV842-010	334	29	3.83	1.2	187	1.89
CV842-011	355	14	1.22	2.1	44	0.28
CV842-012	433	<10	0.45	0.1	<10	0.03
CV842-013	347	12	4.42	1.6	184	1.72
CV842-014	297	<10	0.69	7.7	13	0.06
CV842-015	290	22	4.92	1.7	246	1.50
CV842-016	317	<10	1.47	2.8	87	0.37
CV842-017	295	31	3.92	1.4	239	1.19
CV842-018	27	30	0.86	2.1	6931	0.05
CV842-019	320	56	5.35	1.7	226	1.30
CV842-020	387	40	4.65	2.0	173	1.92
CV842-021	269	20	4.91	2.1	163	0.95
CV842-022	339	31	5.98	2.6	82	0.83
CV842-023	276	<10	2.31	2.3	142	0.65
CV842-024	275	<10	2.02	2.4	142	0.61
CV842-025	282	<10	2.70	2.0	151	0.71
CV842-026	267	<10	2.34	2.1	198	1.16
CV842-027	169	<10	1.92	1.6	184	0.83
CV842-028	276	12	1.58	1.4	100	0.46
CV842-029	344	154	6.46	1.6	159	0.96
CV842-030	256	146	6.50	1.6	171	0.96
CV842-031	276	23	2.01	2.8	174	0.83
CV842-032	302	11	1.01	4.8	55	0.32
CV842-033	427	51	7.94	1.6	85	1.29
CV842-034	315	85	7.06	2.1	187	2.65
CV842-035	362	112	7.29	2.0	161	2.27
CV842-036	408	73	4.85	2.4	96	1.77
CV842-037	492	<10	0.45	<0.1	<10	0.02
CV842-038	442	55	6.54	2.2	96	2.44

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV842-039	361	32	3.11	3.0	51	1.25
CV842-040	537	51	6.89	2.0	119	2.52
CV842-041	497	23	6.61	1.1	135	4.77
CV842-042	572	75	6.79	2.1	85	4.37
CV842-043	28	17	0.90	2.1	10399	0.02
CV842-044	264	86	5.53	1.8	114	2.30
CV842-045	457	57	5.97	1.6	93	3.75
CV842-046	646	56	6.79	1.4	116	3.51
CV842-047	510	62	6.33	2.3	92	2.16
CV842-048	568	44	4.28	3.7	83	2.17
CV842-049	439	80	5.51	2.7	95	2.45
CV842-050	466	54	7.14	1.8	126	2.57
CV842-051	481	54	6.75	1.9	102	2.32
CV842-052	496	47	6.59	1.4	151	2.38
CV842-053	502	45	7.29	1.9	133	2.57
CV842-054	423	69	6.03	2.2	91	2.18
CV842-055	401	68	5.98	2.2	93	2.14
CV842-056	505	49	7.05	1.9	82	2.35
*Dup CV842-040	551	50	7.08	2.0	121	2.60
*Std MAGRUDER210711	35	<10	0.07	0.1	<10	0.09
*Std AMIS0355	268	334	1.20	1.4	7292	0.84
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 147	71	301	3.15	1.7	2259	0.52
*Std OREAS 753	25	17	0.87	2.0	9940	0.01
*Rep CV842-024	280	<10	2.00	2.4	176	0.60
*Rep CV842-026	272	10	2.29	2.0	195	1.14
*Std AMIS0341	426	47	0.93	2.8	4874	0.21
*Std OREAS 554	61	>10000	1.79	1.7	36	2.97
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std AMIS0341	421	52	0.92	2.7	5088	0.20
*Std OREAS 147	79	294	3.19	1.6	2419	0.52
*Std OREAS 554	64	>10000	1.74	1.6	37	2.92
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV842-001	413	13	<0.01	0.08	<5	>30.0
CV842-002	198	8	<0.01	<0.01	<5	>30.0
CV842-003	128	8	<0.01	<0.01	<5	>30.0
CV842-004	412	5	<0.01	0.22	<5	>30.0
CV842-005	338	7	<0.01	0.09	<5	>30.0
CV842-006	189	6	<0.01	0.05	<5	>30.0
CV842-007	641	15	<0.01	0.10	5	>30.0
CV842-008	830	6	<0.01	0.01	7	>30.0
CV842-009	761	95	0.05	<0.01	11	>30.0
CV842-010	719	86	0.05	0.02	11	>30.0
CV842-011	750	19	0.01	0.02	7	>30.0
CV842-012	35	7	<0.01	<0.01	<5	>30.0
CV842-013	856	80	0.05	0.02	14	>30.0
CV842-014	1026	6	<0.01	0.04	7	>30.0
CV842-015	1067	66	0.07	0.10	16	29.0
CV842-016	476	21	0.01	0.09	9	>30.0
CV842-017	821	50	0.04	0.26	14	>30.0
CV842-018	796	14	0.14	0.04	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV842-019	925	66	0.04	1.86	10	>30.0
CV842-020	907	74	0.04	1.21	14	>30.0
CV842-021	777	21	0.04	2.07	6	>30.0
CV842-022	777	37	0.05	3.09	9	29.3
CV842-023	497	11	0.03	0.58	<5	>30.0
CV842-024	435	11	0.03	0.31	<5	>30.0
CV842-025	535	11	0.04	0.69	<5	>30.0
CV842-026	525	11	0.03	0.24	<5	>30.0
CV842-027	614	9	0.04	0.28	<5	>30.0
CV842-028	386	9	0.02	0.40	<5	>30.0
CV842-029	924	46	0.05	3.03	9	>30.0
CV842-030	887	39	0.05	3.11	8	>30.0
CV842-031	418	18	0.05	0.27	<5	>30.0
CV842-032	234	7	<0.01	0.11	<5	>30.0
CV842-033	1115	63	0.06	4.16	13	28.8
CV842-034	894	74	0.10	0.61	19	26.3
CV842-035	953	75	0.11	0.64	18	26.8
CV842-036	554	76	0.07	0.35	11	>30.0
CV842-037	35	10	<0.01	<0.01	<5	>30.0
CV842-038	788	114	0.07	0.30	15	29.4
CV842-039	473	44	0.06	0.13	7	>30.0
CV842-040	695	131	0.07	0.33	15	28.7
CV842-041	1060	122	0.10	0.09	30	22.5
CV842-042	1120	141	0.09	0.13	27	25.6
CV842-043	783	15	0.12	0.01	<5	>30.0
CV842-044	702	52	0.09	0.23	18	25.5
CV842-045	1067	85	0.08	0.13	24	24.7
CV842-046	919	185	0.07	0.25	16	27.9
CV842-047	751	116	0.06	0.44	14	29.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV842-048	888	106	0.08	0.17	12	29.8
CV842-049	743	111	0.09	0.26	16	28.4
CV842-050	700	126	0.07	0.20	15	28.3
CV842-051	587	126	0.06	0.41	15	26.6
CV842-052	558	118	0.06	0.53	14	28.0
CV842-053	705	127	0.07	0.28	15	28.2
CV842-054	810	108	0.06	0.41	18	27.0
CV842-055	785	100	0.06	0.40	18	27.3
CV842-056	625	124	0.06	0.30	15	28.2
*Dup CV842-040	721	132	0.07	0.33	15	28.3
*Std MAGRUDER210711	51	9	<0.01	>10.00	<5	0.6
*Std AMIS0355	967	153	0.04	0.03	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 147	382	24	0.16	0.02	9	>30.0
*Std OREAS 753	752	18	0.11	0.01	<5	>30.0
*Rep CV842-024	432	14	0.03	0.31	<5	>30.0
*Rep CV842-026	516	12	0.04	0.23	<5	>30.0
*Std AMIS0341	1717	23	0.28	0.02	<5	>30.0
*Std OREAS 554	1094	30	0.03	0.74	8	28.9
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1618	24	0.26	0.02	<5	>30.0
*Std OREAS 147	379	34	0.15	0.02	9	>30.0
*Std OREAS 554	1028	28	0.03	0.69	8	27.5
*Blk BLANK	<10	6	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-001	35	<0.01	<5	9	<1	<5
CV842-002	32	<0.01	<5	11	<1	<5
CV842-003	35	<0.01	<5	9	<1	<5
CV842-004	32	<0.01	<5	11	<1	<5
CV842-005	33	<0.01	<5	8	<1	<5
CV842-006	28	<0.01	<5	14	<1	<5
CV842-007	24	<0.01	<5	21	<1	<5
CV842-008	24	<0.01	<5	15	<1	<5
CV842-009	258	0.25	83	64	<1	<5
CV842-010	236	0.26	82	67	<1	<5
CV842-011	67	0.06	21	35	<1	<5
CV842-012	<10	0.02	6	<5	<1	<5
CV842-013	191	0.31	103	81	<1	7
CV842-014	51	0.01	6	32	<1	<5
CV842-015	222	0.41	125	81	<1	11
CV842-016	79	0.11	41	80	<1	7
CV842-017	212	0.31	108	89	<1	46
CV842-018	40	0.02	<5	93	<1	13
CV842-019	230	0.25	70	66	<1	55
CV842-020	219	0.24	95	74	<1	20
CV842-021	223	0.17	40	75	<1	52
CV842-022	182	0.24	64	115	<1	9
CV842-023	233	0.16	32	56	<1	9
CV842-024	288	0.17	29	60	<1	21
CV842-025	260	0.15	27	52	<1	22
CV842-026	70	0.15	24	137	<1	<5
CV842-027	364	0.16	27	53	<1	<5
CV842-028	248	0.11	22	58	<1	<5
CV842-029	267	0.21	60	80	<1	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-030	258	0.21	57	84	<1	<5
CV842-031	293	0.14	38	45	<1	<5
CV842-032	212	0.07	22	253	<1	<5
CV842-033	246	0.27	89	132	<1	<5
CV842-034	435	0.35	158	70	<1	9
CV842-035	433	0.38	163	75	<1	32
CV842-036	461	0.25	94	59	<1	<5
CV842-037	<10	0.01	6	5	<1	<5
CV842-038	454	0.29	110	74	<1	<5
CV842-039	438	0.18	69	46	<1	<5
CV842-040	413	0.29	107	68	<1	<5
CV842-041	264	0.33	189	74	<1	<5
CV842-042	353	0.32	176	71	<1	<5
CV842-043	31	<0.01	<5	87	<1	6
CV842-044	308	0.30	151	62	<1	<5
CV842-045	266	0.28	160	70	<1	<5
CV842-046	279	0.29	111	72	<1	<5
CV842-047	313	0.25	97	66	<1	13
CV842-048	279	0.24	92	51	<1	76
CV842-049	438	0.32	124	67	<1	7
CV842-050	343	0.29	106	70	<1	11
CV842-051	201	0.27	103	66	<1	12
CV842-052	94	0.27	100	64	<1	19
CV842-053	331	0.29	109	68	<1	11
CV842-054	409	0.36	137	68	<1	23
CV842-055	415	0.35	137	67	<1	16
CV842-056	425	0.28	110	61	<1	9
*Dup CV842-040	408	0.29	108	70	<1	<5
*Std MAGRUDER210711	552	<0.01	<5	>10000	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0355	55	0.04	15	88	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 147	299	0.47	61	139	<1	34
*Std OREAS 753	29	<0.01	<5	82	<1	5
*Rep CV842-024	290	0.17	28	57	<1	19
*Rep CV842-026	68	0.15	25	130	<1	<5
*Std AMIS0341	64	0.01	<5	108	<1	24
*Std OREAS 554	68	0.22	113	53	<1	64
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	66	0.01	5	101	<1	22
*Std OREAS 147	296	0.45	62	126	<1	38
*Std OREAS 554	69	0.21	116	50	<1	60
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-001	16.3	<0.2	12.3	0.6	94.9	2.23
CV842-002	7.5	<0.2	15.6	0.5	107	2.00
CV842-003	9.7	<0.2	13.9	0.5	73.0	2.34
CV842-004	17.0	<0.2	14.4	0.9	68.9	2.53
CV842-005	12.4	<0.2	18.4	0.6	70.3	2.38
CV842-006	8.0	<0.2	9.3	0.6	59.2	1.52
CV842-007	14.4	<0.2	13.8	0.7	51.6	2.39
CV842-008	17.8	<0.2	12.3	0.5	24.9	2.97
CV842-009	0.3	<0.2	20.7	22.1	7.5	1.58

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-010	<0.1	<0.2	22.6	20.9	9.0	1.68
CV842-011	0.4	<0.2	18.8	4.8	16.0	1.76
CV842-012	<0.1	<0.2	4.3	1.0	0.2	0.49
CV842-013	0.3	<0.2	29.3	23.1	31.7	2.26
CV842-014	1.7	<0.2	14.2	1.3	95.9	1.76
CV842-015	0.2	<0.2	33.1	25.1	21.2	2.79
CV842-016	1.0	<0.2	18.7	8.7	44.8	2.18
CV842-017	1.1	<0.2	25.2	22.3	17.6	2.24
CV842-018	2.6	1.8	3.6	1.2	67.9	0.37
CV842-019	0.5	<0.2	32.1	21.3	16.1	1.87
CV842-020	0.2	<0.2	27.3	22.6	11.3	1.65
CV842-021	0.3	<0.2	30.0	10.5	12.1	1.15
CV842-022	0.5	0.3	34.7	16.0	13.7	1.80
CV842-023	0.1	<0.2	40.2	6.3	12.0	0.84
CV842-024	0.3	<0.2	41.8	6.1	15.1	0.86
CV842-025	0.3	<0.2	34.4	5.8	14.3	0.92
CV842-026	0.4	0.3	33.2	6.3	6.7	0.85
CV842-027	0.5	<0.2	32.8	5.8	15.0	0.82
CV842-028	2.7	<0.2	26.9	4.3	17.3	0.88
CV842-029	1.0	0.2	37.4	19.5	13.7	1.77
CV842-030	1.0	<0.2	39.1	19.2	14.3	1.67
CV842-031	5.1	<0.2	50.3	7.0	12.3	1.33
CV842-032	0.4	0.7	29.0	2.5	14.0	0.64
CV842-033	0.7	0.4	36.5	25.3	12.3	2.20
CV842-034	0.3	<0.2	41.8	31.1	22.0	2.31
CV842-035	0.6	<0.2	46.9	27.0	36.2	2.46
CV842-036	2.1	<0.2	37.7	21.1	21.0	1.86
CV842-037	<0.1	<0.2	3.7	0.9	0.2	0.58
CV842-038	1.1	<0.2	35.8	27.0	25.1	2.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-039	1.2	<0.2	48.9	15.6	13.4	1.37
CV842-040	1.1	<0.2	33.6	27.7	60.2	2.07
CV842-041	0.2	<0.2	35.3	44.5	14.6	2.45
CV842-042	0.2	<0.2	33.0	41.1	9.9	2.48
CV842-043	2.4	1.7	0.8	1.1	64.9	0.17
CV842-044	0.2	<0.2	25.1	29.5	16.6	1.94
CV842-045	16.7	<0.2	21.5	35.6	10.8	2.06
CV842-046	8.0	<0.2	35.4	31.6	11.8	2.30
CV842-047	0.4	<0.2	33.7	24.3	49.6	2.11
CV842-048	0.8	<0.2	34.4	22.4	37.3	2.46
CV842-049	0.6	<0.2	40.2	28.6	16.3	2.37
CV842-050	0.3	<0.2	32.9	28.2	12.9	2.08
CV842-051	0.2	<0.2	32.1	27.5	13.4	2.01
CV842-052	0.3	<0.2	33.7	25.2	8.7	2.11
CV842-053	0.3	<0.2	32.6	28.0	19.2	2.19
CV842-054	1.9	<0.2	36.2	28.0	14.2	2.44
CV842-055	1.6	<0.2	38.4	27.7	14.5	2.50
CV842-056	0.2	<0.2	32.0	24.2	9.0	2.06
*Dup CV842-040	1.1	<0.2	35.4	28.6	59.1	2.16
*Std MAGRUDER210711	<0.1	<0.2	1.3	3.0	0.2	0.15
*Std AMIS0355	0.9	<0.2	5.3	47.8	264	0.92
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 147	13.3	<0.2	1150	6.7	245	8.71
*Std OREAS 753	2.3	1.6	0.8	1.1	62.3	0.16
*Rep CV842-024	0.2	<0.2	41.0	6.1	15.4	0.87
*Rep CV842-026	0.4	0.3	32.5	6.3	6.7	0.76
*Std AMIS0341	24.0	<0.2	1.1	4.0	456	0.31
*Std OREAS 554	2.9	0.2	67.8	8111	2.4	3.72
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0341	22.4	<0.2	1.0	3.4	458	0.29
*Std OREAS 147	13.4	0.5	1263	7.7	248	8.98
*Std OREAS 554	2.8	<0.2	64.0	8197	2.7	3.57
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-001	1.86	0.07	27	2.22	3	5
CV842-002	1.45	0.07	24	1.99	2	2
CV842-003	1.64	0.08	25	2.24	2	1
CV842-004	1.92	0.09	25	2.23	2	3
CV842-005	1.79	0.08	25	2.21	2	3
CV842-006	1.16	0.08	27	1.37	3	2
CV842-007	2.11	0.06	31	2.14	3	5
CV842-008	2.35	0.09	33	2.26	3	6
CV842-009	0.93	0.61	18	1.92	1	2
CV842-010	0.94	0.67	19	1.94	1	3
CV842-011	0.86	0.19	31	2.41	2	6
CV842-012	0.30	0.06	<1	0.43	1	1
CV842-013	1.23	0.77	23	2.60	2	3
CV842-014	1.21	0.11	34	1.64	3	7
CV842-015	1.62	0.98	33	3.18	3	3
CV842-016	1.42	0.27	41	2.40	3	3
CV842-017	1.31	0.70	29	2.38	2	3
CV842-018	0.15	<0.05	19	0.37	6	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-019	1.03	0.78	19	2.14	2	3
CV842-020	0.94	0.68	19	1.88	2	2
CV842-021	0.56	0.67	18	1.49	2	3
CV842-022	0.99	0.88	18	2.27	2	3
CV842-023	0.37	0.66	22	1.49	1	3
CV842-024	0.42	0.68	22	1.46	1	3
CV842-025	0.47	0.64	19	1.47	1	3
CV842-026	0.37	0.51	24	1.36	1	3
CV842-027	0.41	0.53	23	1.30	1	3
CV842-028	0.49	0.35	27	1.23	2	3
CV842-029	0.99	0.84	20	2.11	2	3
CV842-030	0.97	0.82	20	2.16	2	3
CV842-031	0.73	0.57	18	1.85	1	3
CV842-032	0.45	0.53	14	1.03	<1	2
CV842-033	1.24	0.97	17	2.71	2	3
CV842-034	1.35	1.02	20	2.62	2	2
CV842-035	1.47	1.00	21	2.95	2	3
CV842-036	0.93	0.85	18	2.29	2	3
CV842-037	0.40	<0.05	<1	0.41	<1	1
CV842-038	1.19	0.83	20	2.42	2	2
CV842-039	0.75	0.80	18	1.93	2	3
CV842-040	1.16	0.85	18	2.54	2	3
CV842-041	1.50	0.96	16	3.05	2	2
CV842-042	1.47	0.89	17	2.80	2	2
CV842-043	<0.05	<0.05	17	0.15	6	<1
CV842-044	1.18	0.65	18	2.20	1	2
CV842-045	1.24	0.74	16	2.11	2	1
CV842-046	1.26	0.82	18	2.49	2	3
CV842-047	1.23	0.72	23	2.47	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

Order Number CV25-842
Project Corvette
Submission Number BATCH CDM-019
Number of Samples 59

ANALYSIS REPORT BBM25-49021

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-048	1.64	0.73	23	2.71	3	3
CV842-049	1.27	0.94	20	2.73	2	3
CV842-050	1.20	0.77	19	2.43	1	3
CV842-051	1.18	0.82	18	2.35	1	2
CV842-052	1.20	0.86	17	2.37	1	3
CV842-053	1.16	0.90	19	2.60	2	3
CV842-054	1.45	0.96	20	2.71	2	3
CV842-055	1.49	1.02	20	2.77	2	3
CV842-056	1.17	0.85	17	2.36	2	3
*Dup CV842-040	1.25	0.90	19	2.51	2	3
*Std MAGRUDER210711	0.07	<0.05	<1	0.17	<1	<1
*Std AMIS0355	0.19	0.08	71	1.19	6	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 147	2.65	10.17	15	21.39	2	5
*Std OREAS 753	<0.05	<0.05	17	0.14	6	1
*Rep CV842-024	0.35	0.62	21	1.34	1	3
*Rep CV842-026	0.36	0.50	24	1.37	1	3
*Std AMIS0341	0.13	<0.05	48	0.24	9	3
*Std OREAS 554	1.96	0.84	14	3.94	1	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.11	<0.05	42	0.23	9	3
*Std OREAS 147	2.76	11.13	22	22.14	4	6
*Std OREAS 554	1.95	0.84	12	3.82	1	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-001	0.52	<0.2	4.0	0.92	17	99
CV842-002	0.40	<0.2	5.9	0.50	<2	92
CV842-003	0.48	<0.2	4.4	0.57	<2	100
CV842-004	0.53	<0.2	5.1	0.79	<2	105
CV842-005	0.51	<0.2	7.0	0.76	<2	124
CV842-006	0.36	<0.2	3.1	0.50	<2	74
CV842-007	0.55	<0.2	4.7	1.00	<2	153
CV842-008	0.67	<0.2	4.1	1.03	<2	138
CV842-009	0.32	<0.2	9.8	0.15	<2	4
CV842-010	0.33	<0.2	11.5	0.14	<2	3
CV842-011	0.29	<0.2	7.2	0.20	17	67
CV842-012	0.09	<0.2	2.2	<0.05	<2	1
CV842-013	0.46	<0.2	13.7	0.19	<2	9
CV842-014	0.36	<0.2	5.6	0.59	15	87
CV842-015	0.58	<0.2	15.3	0.27	5	13
CV842-016	0.45	<0.2	7.5	0.44	27	119
CV842-017	0.45	<0.2	12.1	0.20	7	21
CV842-018	<0.05	<0.2	1.9	<0.05	3	51
CV842-019	0.38	<0.2	15.8	0.16	<2	5
CV842-020	0.32	<0.2	14.2	0.13	<2	3
CV842-021	0.21	<0.2	15.4	0.09	<2	2
CV842-022	0.37	<0.2	17.4	0.16	2	4
CV842-023	0.14	<0.2	21.1	0.05	<2	4
CV842-024	0.15	<0.2	22.0	0.05	<2	3
CV842-025	0.17	<0.2	17.9	0.07	<2	3
CV842-026	0.14	<0.2	17.8	0.05	<2	3
CV842-027	0.15	<0.2	17.1	0.05	<2	5
CV842-028	0.17	<0.2	13.9	0.14	<2	22
CV842-029	0.34	<0.2	19.1	0.16	2	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-030	0.33	<0.2	20.1	0.16	3	5
CV842-031	0.25	<0.2	29.4	0.13	9	5
CV842-032	0.13	<0.2	16.5	0.08	5	4
CV842-033	0.44	<0.2	18.0	0.19	4	4
CV842-034	0.46	<0.2	20.0	0.20	<2	3
CV842-035	0.50	<0.2	23.2	0.24	<2	6
CV842-036	0.37	<0.2	19.2	0.16	62	3
CV842-037	0.13	<0.2	2.0	<0.05	<2	<1
CV842-038	0.42	<0.2	17.9	0.16	2	4
CV842-039	0.26	<0.2	27.6	0.12	<2	4
CV842-040	0.40	<0.2	16.5	0.17	6	3
CV842-041	0.52	<0.2	16.4	0.22	<2	3
CV842-042	0.51	<0.2	16.0	0.23	<2	3
CV842-043	<0.05	<0.2	0.4	<0.05	3	33
CV842-044	0.44	<0.2	12.5	0.17	<2	3
CV842-045	0.43	<0.2	10.6	0.19	19	2
CV842-046	0.42	<0.2	17.5	0.18	6	3
CV842-047	0.41	<0.2	15.6	0.21	<2	10
CV842-048	0.50	<0.2	16.7	0.48	<2	40
CV842-049	0.46	<0.2	19.6	0.20	2	4
CV842-050	0.43	<0.2	15.7	0.18	<2	3
CV842-051	0.41	<0.2	15.8	0.17	<2	3
CV842-052	0.42	<0.2	16.8	0.18	<2	3
CV842-053	0.46	<0.2	15.6	0.18	<2	3
CV842-054	0.46	<0.2	17.7	0.23	10	5
CV842-055	0.50	<0.2	18.6	0.24	11	5
CV842-056	0.41	<0.2	15.7	0.18	<2	4
*Dup CV842-040	0.44	<0.2	17.2	0.18	3	3
*Std MAGRUDER210711	<0.05	<0.2	0.9	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0355	0.09	<0.2	2.8	<0.05	<2	47
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 147	1.24	2.7	704	0.21	7	1051
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	34
*Rep CV842-024	0.14	<0.2	21.5	0.06	<2	3
*Rep CV842-026	0.14	<0.2	17.4	<0.05	<2	3
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	116
*Std OREAS 554	0.72	<0.2	34.8	0.28	3	7
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	125
*Std OREAS 147	1.31	2.9	762	0.23	10	1350
*Std OREAS 554	0.67	<0.2	33.2	0.29	4	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-001	8.3	159	1.91	814	<0.1	2.3
CV842-002	8.1	127	2.13	913	<0.1	2.1
CV842-003	8.1	140	1.91	711	<0.1	2.2
CV842-004	8.9	157	2.13	810	<0.1	2.3
CV842-005	10.0	139	2.53	804	<0.1	2.6
CV842-006	5.3	150	1.46	773	<0.1	1.4
CV842-007	8.3	184	2.29	947	<0.1	2.1
CV842-008	7.0	133	1.94	717	<0.1	1.9
CV842-009	10.5	20	2.82	76.1	<0.1	2.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-010	10.7	8	3.05	73.8	<0.1	2.2
CV842-011	10.9	82	3.07	283	<0.1	2.9
CV842-012	2.0	<5	0.59	2.9	0.2	0.4
CV842-013	14.4	17	4.10	234	<0.1	3.0
CV842-014	8.3	212	2.30	1607	<0.1	2.0
CV842-015	17.4	15	4.77	324	<0.1	3.6
CV842-016	10.5	145	2.90	578	<0.1	2.6
CV842-017	12.1	31	3.44	250	<0.1	2.5
CV842-018	1.4	17	0.47	638	0.7	0.4
CV842-019	13.8	10	4.07	239	<0.1	2.6
CV842-020	11.2	10	3.44	169	0.1	2.0
CV842-021	11.9	7	3.70	124	<0.1	1.9
CV842-022	15.1	9	4.46	142	<0.1	2.8
CV842-023	15.1	7	4.89	136	<0.1	2.1
CV842-024	15.2	8	4.98	125	<0.1	2.2
CV842-025	13.0	8	4.20	135	<0.1	2.2
CV842-026	12.7	30	4.06	145	<0.1	2.0
CV842-027	12.6	20	3.90	210	<0.1	2.0
CV842-028	10.8	46	3.32	237	<0.1	1.7
CV842-029	15.8	17	4.65	232	<0.1	2.6
CV842-030	15.9	18	4.79	232	<0.1	2.7
CV842-031	16.7	27	5.63	193	<0.1	2.6
CV842-032	9.5	40	3.20	192	<0.1	1.4
CV842-033	16.8	10	4.78	129	<0.1	3.2
CV842-034	19.4	13	5.55	96.8	<0.1	3.5
CV842-035	21.2	12	6.20	107	<0.1	3.7
CV842-036	17.0	12	4.83	99.4	<0.1	3.0
CV842-037	1.7	<5	0.48	2.1	0.2	0.4
CV842-038	15.9	12	4.67	100	<0.1	2.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-039	18.1	20	5.85	99.5	<0.1	2.8
CV842-040	15.5	11	4.46	112	<0.1	2.9
CV842-041	18.5	7	5.07	56.8	<0.1	3.6
CV842-042	16.4	8	4.59	98.4	<0.1	3.1
CV842-043	0.3	12	0.09	628	0.2	0.1
CV842-044	12.1	10	3.41	92.4	<0.1	2.5
CV842-045	11.4	10	2.96	83.1	<0.1	2.3
CV842-046	16.5	9	4.76	66.9	<0.1	3.0
CV842-047	15.9	24	4.63	188	<0.1	3.0
CV842-048	16.0	47	4.61	316	<0.1	3.0
CV842-049	18.6	12	5.39	127	<0.1	3.4
CV842-050	15.6	8	4.40	93.2	<0.1	2.9
CV842-051	15.2	11	4.21	84.7	<0.1	2.9
CV842-052	15.4	10	4.48	67.1	0.2	2.8
CV842-053	15.4	9	4.33	97.1	<0.1	3.1
CV842-054	17.0	12	4.33	101	<0.1	3.1
CV842-055	18.1	12	4.53	104	<0.1	3.4
CV842-056	14.7	11	3.75	76.8	<0.1	2.8
*Dup CV842-040	16.2	10	4.69	112	<0.1	3.1
*Std MAGRUDER210711	0.8	<5	0.18	1.8	0.1	0.2
*Std AMIS0355	1.9	7	0.59	3514	0.3	1.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 147	377	28	118	1136	10.3	46.6
*Std OREAS 753	0.3	11	0.08	600	0.3	0.1
*Rep CV842-024	15.1	8	4.93	125	<0.1	2.2
*Rep CV842-026	12.5	33	3.92	145	<0.1	1.9
*Std AMIS0341	0.6	15	0.13	3899	12.1	0.2
*Std OREAS 554	27.9	18	8.34	90.3	2.2	5.0
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0341	0.5	13	0.12	3829	11.1	0.2
*Std OREAS 147	416	29	126	1189	10.9	52.1
*Std OREAS 554	26.3	19	7.04	84.1	2.1	4.6
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-001	<1	31.7	0.34	8.3	4.4	0.44
CV842-002	<1	21.3	0.33	10.2	5.2	0.30
CV842-003	<1	18.0	0.37	9.9	4.1	0.34
CV842-004	<1	21.6	0.39	9.2	4.5	0.44
CV842-005	<1	25.2	0.37	10.9	4.6	0.43
CV842-006	<1	14.6	0.26	7.1	4.4	0.27
CV842-007	<1	39.1	0.38	11.8	5.3	0.49
CV842-008	<1	33.9	0.43	12.5	4.1	0.55
CV842-009	<1	<0.5	0.28	4.0	<0.5	0.13
CV842-010	<1	<0.5	0.29	2.7	<0.5	0.14
CV842-011	<1	61.8	0.33	7.2	1.4	0.14
CV842-012	<1	<0.5	0.08	1.5	<0.5	<0.05
CV842-013	1	5.0	0.35	3.2	1.2	0.18
CV842-014	<1	35.0	0.26	17.6	8.6	0.28
CV842-015	2	2.9	0.48	3.6	1.7	0.24
CV842-016	<1	37.2	0.38	7.0	3.1	0.26
CV842-017	2	5.8	0.35	3.4	1.4	0.19
CV842-018	245	42.4	0.07	1.1	3.9	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-019	2	<0.5	0.31	2.9	1.3	0.14
CV842-020	<1	<0.5	0.28	2.2	0.9	0.13
CV842-021	<1	<0.5	0.21	2.4	0.7	0.08
CV842-022	1	<0.5	0.33	3.4	0.8	0.14
CV842-023	<1	2.3	0.17	2.9	0.7	0.05
CV842-024	<1	<0.5	0.16	2.9	0.6	<0.05
CV842-025	<1	<0.5	0.18	2.4	0.6	0.06
CV842-026	<1	<0.5	0.17	2.3	0.9	0.05
CV842-027	<1	1.0	0.15	3.3	1.0	0.05
CV842-028	<1	8.2	0.15	3.4	1.3	0.08
CV842-029	<1	1.0	0.30	5.0	1.2	0.15
CV842-030	<1	1.0	0.29	4.9	1.2	0.14
CV842-031	<1	0.8	0.23	14.2	1.0	0.11
CV842-032	<1	0.6	0.12	28.4	1.0	0.06
CV842-033	<1	<0.5	0.39	5.3	0.7	0.19
CV842-034	<1	<0.5	0.39	4.9	0.6	0.20
CV842-035	1	2.3	0.43	5.6	0.7	0.23
CV842-036	<1	<0.5	0.32	5.2	0.6	0.15
CV842-037	<1	<0.5	0.08	1.1	<0.5	0.06
CV842-038	<1	<0.5	0.34	4.8	0.6	0.18
CV842-039	<1	<0.5	0.25	10.3	0.5	0.11
CV842-040	<1	0.6	0.36	4.1	0.6	0.17
CV842-041	<1	<0.5	0.40	3.4	<0.5	0.23
CV842-042	<1	<0.5	0.42	2.9	<0.5	0.22
CV842-043	142	19.6	<0.05	0.3	3.8	<0.05
CV842-044	1	<0.5	0.32	2.3	<0.5	0.17
CV842-045	<1	<0.5	0.31	1.7	<0.5	0.18
CV842-046	<1	<0.5	0.35	3.9	<0.5	0.19
CV842-047	1	4.9	0.36	4.8	1.1	0.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV842-048	<1	10.9	0.37	6.0	1.6	0.28
CV842-049	<1	<0.5	0.39	4.6	0.7	0.19
CV842-050	1	<0.5	0.36	4.0	<0.5	0.18
CV842-051	<1	<0.5	0.35	3.6	<0.5	0.16
CV842-052	<1	<0.5	0.35	4.5	<0.5	0.17
CV842-053	<1	<0.5	0.38	3.7	<0.5	0.19
CV842-054	<1	0.5	0.40	4.2	0.6	0.22
CV842-055	<1	0.6	0.43	4.4	0.6	0.23
CV842-056	<1	<0.5	0.34	3.7	<0.5	0.19
*Dup CV842-040	<1	<0.5	0.39	4.1	0.6	0.18
*Std MAGRUDER210711	<1	<0.5	<0.05	0.1	<0.5	<0.05
*Std AMIS0355	466	226	0.24	4.7	28.3	<0.05
*Blk BLANK	<1	<0.5	<0.05	0.1	<0.5	<0.05
*Std OREAS 147	800	16.7	2.13	90.5	11.4	0.31
*Std OREAS 753	140	20.1	<0.05	0.3	3.7	<0.05
*Rep CV842-024	1	<0.5	0.17	2.7	0.6	<0.05
*Rep CV842-026	<1	<0.5	0.17	2.2	0.9	0.05
*Std AMIS0341	86	700	<0.05	5.3	41.6	<0.05
*Std OREAS 554	2	0.6	0.61	8.8	0.5	0.29
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	78	731	0.06	4.9	39.2	<0.05
*Std OREAS 147	760	19.5	2.24	96.9	12.3	0.33
*Std OREAS 554	2	0.7	0.56	9.2	0.5	0.30
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV842-001	11.89	1	29.8	4.5	56.2	-
CV842-002	13.18	<1	18.7	2.7	18.9	-
CV842-003	16.67	2	19.1	3.0	16.2	-
CV842-004	12.67	<1	29.0	4.3	34.0	-
CV842-005	13.65	<1	26.6	3.9	33.2	-
CV842-006	9.70	<1	14.2	2.5	25.0	<5
CV842-007	14.11	1	31.4	4.7	46.6	9
CV842-008	14.58	1	40.6	5.2	56.3	-
CV842-009	0.56	3	8.4	0.9	84.9	-
CV842-010	0.54	3	8.8	0.9	95.4	-
CV842-011	4.54	2	18.2	1.2	42.4	-
CV842-012	0.33	<1	2.7	0.3	32.9	-
CV842-013	0.99	2	12.5	1.3	95.0	-
CV842-014	7.48	<1	20.9	3.2	51.8	-
CV842-015	1.21	135	16.0	1.8	117	-
CV842-016	8.78	5	19.8	2.4	42.3	-
CV842-017	1.30	2	12.4	1.3	78.2	-
CV842-018	7.97	5	1.8	0.1	29.4	-
CV842-019	1.05	14	9.8	1.0	104	<5
CV842-020	0.87	<1	8.4	0.9	93.7	<5
CV842-021	0.59	<1	5.7	0.5	98.6	<5
CV842-022	0.98	<1	9.6	1.0	100	<5
CV842-023	0.66	<1	3.9	0.3	116	<5
CV842-024	0.67	<1	4.2	0.4	121	<5
CV842-025	0.70	<1	4.7	0.4	108	<5
CV842-026	0.66	1	4.1	0.3	118	<5
CV842-027	0.75	4	4.2	0.4	109	<5
CV842-028	2.72	1	6.5	0.8	85.2	<5
CV842-029	1.33	8	9.8	1.0	103	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV842-030	1.46	4	9.4	0.9	105	-
CV842-031	4.47	1	7.0	0.8	90.0	-
CV842-032	7.80	1	4.5	0.5	44.0	-
CV842-033	1.22	5	12.2	1.3	101	<5
CV842-034	1.14	4	11.7	1.2	83.9	-
CV842-035	1.40	<1	13.5	1.4	95.5	-
CV842-036	1.33	<1	9.4	1.0	96.2	<5
CV842-037	0.40	<1	3.7	0.4	38.5	-
CV842-038	1.37	10	10.7	1.2	89.3	-
CV842-039	2.31	<1	7.1	0.8	92.8	-
CV842-040	1.01	12	10.6	1.2	92.8	-
CV842-041	0.95	2	13.4	1.5	53.9	<5
CV842-042	0.78	<1	12.9	1.4	61.9	-
CV842-043	5.94	5	0.7	<0.1	11.2	-
CV842-044	0.67	1	10.8	1.2	67.1	<5
CV842-045	0.50	3	11.2	1.2	52.9	<5
CV842-046	1.13	<1	11.1	1.3	98.3	<5
CV842-047	1.53	5	12.4	1.4	81.3	-
CV842-048	4.02	2	17.4	2.6	87.3	-
CV842-049	1.20	1	11.8	1.2	97.9	-
CV842-050	1.13	1	11.1	1.2	98.3	-
CV842-051	1.05	2	10.4	1.1	90.1	<5
CV842-052	1.31	2	10.9	1.2	87.9	5
CV842-053	1.03	1	11.6	1.2	101	<5
CV842-054	1.16	170	12.5	1.3	101	-
CV842-055	1.27	32	12.7	1.4	103	-
CV842-056	1.14	<1	10.8	1.1	97.8	-
*Dup CV842-040	1.08	2	11.1	1.1	102	-
*Std MAGRUDER210711	0.53	<1	1.2	<0.1	5.4	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49021

Order Number	CV25-842
Project	Corvette
Submission Number	BATCH CDM-019
Number of Samples	59

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std AMIS0355	5.87	2	4.5	0.2	25.4	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 147	15.68	5	26.5	1.6	230	-
*Std SL107	-	-	-	-	-	5020
*Blk BLANK	-	-	-	-	-	<5
*Rep CV842-019	-	-	-	-	-	<5
*Rep CV842-041	-	-	-	-	-	<5
*Std SN117	-	-	-	-	-	8630
*Rep CV842-051	-	-	-	-	-	<5
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1340
*Std OREAS 753	5.70	6	0.7	<0.1	11.5	-
*Rep CV842-024	0.69	<1	4.1	0.3	118	-
*Rep CV842-026	0.63	1	4.0	0.3	113	-
*Std AMIS0341	12.93	5	2.0	0.1	22.3	-
*Std OREAS 554	17.31	2	19.9	1.9	81.6	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std AMIS0341	12.65	5	1.9	0.1	21.4	-
*Std OREAS 147	16.66	5	30.0	1.7	200	-
*Std OREAS 554	14.20	1	19.2	1.9	79.9	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com
Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-838	Date Received	14 Apr 2025
Project	Corvette	Date Analysed	19 Apr 2025 - 03 May 2025
Submission Number	Batch CDM-016	Date Completed	05 May 2025
Number of Samples	16	SGS Order Number	BBM25-49022

Methods Summary

Number of Samples	Method Code	Description
16	G_WGH_KG	Weight of samples received
16	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
16	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
7	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV838-001	3.41	9.19	75	252	<5	3.0
CV838-002	3.75	7.45	118	78	<5	7.2
CV838-003	1.33	7.16	43	70	<5	6.2
CV838-004	3.45	9.17	92	472	<5	3.0
CV838-005	-	9.38	100	502	<5	3.0
CV838-006	1.20	9.62	2437	144	<5	2.9
CV838-007	3.53	8.09	121	151	<5	6.6
CV838-008	3.44	9.79	112	160	<5	2.3
CV838-009	1.13	7.70	60	217	<5	5.1
CV838-010	2.26	8.17	40	207	<5	4.7
CV838-011	3.51	7.84	35	274	<5	5.9
CV838-012	0.51	0.24	<10	17	<5	<0.1
CV838-013	2.35	7.68	28	393	<5	4.0
CV838-014	1.18	6.54	224	100	<5	7.6
CV838-015	3.38	8.21	144	303	<5	1.8
CV838-016	3.52	7.36	28	317	<5	3.4
*Std AMIS0341	-	8.61	414	151	213	0.5
*Rep CV838-016	-	7.31	29	317	<5	3.4
*Std OREAS 147	-	4.92	28	1904	29	1.1
*Std OREAS 554	-	4.23	148	1250	<5	3.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV838-001	551	54	5.13	1.3	51	0.95

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV838-002	312	101	8.92	0.5	20	3.90
CV838-003	420	143	14.97	0.5	17	3.37
CV838-004	325	39	4.54	1.6	38	0.54
CV838-005	339	33	4.65	1.7	38	0.55
CV838-006	426	26	5.77	0.8	30	1.15
CV838-007	297	57	5.32	1.3	31	3.24
CV838-008	346	40	4.38	1.5	39	1.44
CV838-009	341	53	3.60	1.7	12	1.83
CV838-010	340	34	3.42	1.8	34	1.25
CV838-011	305	29	5.31	1.9	21	2.48
CV838-012	545	<10	0.53	0.1	<10	0.03
CV838-013	336	119	6.46	1.5	38	1.53
CV838-014	392	<10	3.56	0.6	21	3.52
CV838-015	302	47	3.81	2.9	26	1.17
CV838-016	315	35	5.80	0.8	12	1.08
*Std AMIS0341	421	52	0.92	2.7	5088	0.20
*Rep CV838-016	314	31	5.81	0.8	13	1.06
*Std OREAS 147	79	294	3.19	1.6	2419	0.52
*Std OREAS 554	64	>10000	1.74	1.6	37	2.92
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV838-001	819	48	0.05	0.08	16	29.3
CV838-002	1541	99	0.03	0.15	39	22.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV838-003	2006	138	0.02	4.40	33	19.8
CV838-004	1100	40	0.06	0.04	14	28.3
CV838-005	1101	44	0.06	0.03	14	27.7
CV838-006	967	45	0.07	0.02	19	28.3
CV838-007	960	86	0.05	0.14	16	26.2
CV838-008	721	50	0.07	0.21	15	27.8
CV838-009	697	31	0.04	<0.01	11	29.3
CV838-010	726	35	0.05	<0.01	11	29.7
CV838-011	1333	50	0.05	0.03	14	26.4
CV838-012	42	8	<0.01	<0.01	<5	>30.0
CV838-013	1115	17	0.16	0.45	18	27.6
CV838-014	1686	43	0.04	<0.01	9	29.0
CV838-015	693	35	0.05	0.03	13	29.7
CV838-016	1034	16	0.16	0.87	17	28.3
*Std AMIS0341	1618	24	0.26	0.02	<5	>30.0
*Rep CV838-016	1034	18	0.16	0.87	17	27.8
*Std OREAS 147	379	34	0.15	0.02	9	>30.0
*Std OREAS 554	1028	28	0.03	0.69	8	27.5
*Blk BLANK	<10	6	<0.01	<0.01	<5	<0.1

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-001	275	0.39	131	68	<1	<5
CV838-002	168	0.65	318	96	<1	<5
CV838-003	200	0.39	221	60	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-004	262	0.35	106	46	<1	<5
CV838-005	268	0.37	110	47	<1	<5
CV838-006	231	0.46	154	57	<1	<5
CV838-007	143	0.37	129	81	<1	<5
CV838-008	121	0.46	124	84	<1	<5
CV838-009	141	0.32	103	72	<1	<5
CV838-010	101	0.31	93	88	<1	<5
CV838-011	122	0.32	100	73	<1	<5
CV838-012	<10	0.02	9	<5	<1	<5
CV838-013	166	0.69	140	99	<1	<5
CV838-014	87	0.28	81	47	<1	<5
CV838-015	97	0.35	109	53	<1	<5
CV838-016	253	0.64	116	78	<1	<5
*Std AMIS0341	66	0.01	5	101	<1	22
*Rep CV838-016	253	0.64	114	80	<1	<5
*Std OREAS 147	296	0.45	62	126	<1	38
*Std OREAS 554	69	0.21	116	50	<1	60
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-001	<0.1	<0.2	36.2	27.7	3.8	2.54
CV838-002	0.1	<0.2	8.9	47.6	1.1	3.85
CV838-003	0.5	<0.2	6.7	58.4	3.4	2.44
CV838-004	<0.1	<0.2	55.3	19.7	2.1	2.73

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-005	<0.1	<0.2	57.6	20.4	2.3	2.85
CV838-006	<0.1	<0.2	32.5	23.3	3.7	3.06
CV838-007	0.2	<0.2	24.7	27.2	5.9	2.30
CV838-008	<0.1	<0.2	37.5	24.9	6.7	2.72
CV838-009	0.3	<0.2	22.8	17.0	7.5	1.92
CV838-010	0.2	<0.2	27.4	15.6	3.0	2.18
CV838-011	0.2	<0.2	25.9	21.0	13.9	2.29
CV838-012	<0.1	<0.2	4.0	1.1	0.3	0.44
CV838-013	0.4	<0.2	47.8	22.3	17.7	3.85
CV838-014	<0.1	<0.2	20.6	18.7	2.4	1.78
CV838-015	<0.1	<0.2	23.6	19.4	2.3	2.17
CV838-016	0.5	<0.2	48.6	22.1	14.6	3.88
*Std AMIS0341	22.4	<0.2	1.0	3.4	458	0.29
*Rep CV838-016	0.5	<0.2	47.8	22.3	14.6	3.79
*Std OREAS 147	13.4	0.5	1263	7.7	248	8.98
*Std OREAS 554	2.8	<0.2	64.0	8197	2.7	3.57
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-001	1.44	1.05	23	2.92	1	3
CV838-002	2.24	0.95	19	3.49	2	2
CV838-003	1.68	0.61	14	2.10	2	1
CV838-004	1.40	0.99	21	3.23	<1	4
CV838-005	1.49	0.97	22	3.39	<1	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-006	1.83	0.85	20	2.98	<1	3
CV838-007	1.32	0.78	18	2.46	<1	3
CV838-008	1.59	1.09	22	3.28	1	4
CV838-009	1.18	0.73	19	2.18	1	3
CV838-010	1.26	0.79	20	2.37	1	3
CV838-011	1.30	0.75	18	2.49	1	3
CV838-012	0.29	0.05	<1	0.41	1	1
CV838-013	2.21	1.29	20	4.18	1	5
CV838-014	1.01	0.70	16	1.95	2	2
CV838-015	1.24	0.79	20	2.41	1	3
CV838-016	2.22	1.42	18	4.20	1	5
*Std AMIS0341	0.11	<0.05	42	0.23	9	3
*Rep CV838-016	2.27	1.31	18	4.00	1	5
*Std OREAS 147	2.76	11.13	22	22.14	4	6
*Std OREAS 554	1.95	0.84	12	3.82	1	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-001	0.50	<0.2	18.0	0.22	<2	5
CV838-002	0.75	<0.2	3.3	0.32	<2	3
CV838-003	0.53	<0.2	2.9	0.28	<2	2
CV838-004	0.51	<0.2	27.2	0.23	<2	6
CV838-005	0.52	<0.2	28.5	0.24	<2	6
CV838-006	0.63	<0.2	16.2	0.30	<2	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-007	0.46	<0.2	12.2	0.21	<2	4
CV838-008	0.54	<0.2	17.7	0.26	<2	6
CV838-009	0.39	<0.2	11.1	0.18	<2	4
CV838-010	0.42	<0.2	13.7	0.18	<2	5
CV838-011	0.46	<0.2	12.7	0.21	<2	5
CV838-012	0.09	<0.2	2.2	<0.05	<2	<1
CV838-013	0.76	<0.2	22.3	0.35	<2	8
CV838-014	0.31	<0.2	10.5	0.15	<2	4
CV838-015	0.43	<0.2	11.4	0.17	<2	4
CV838-016	0.74	<0.2	22.8	0.37	<2	8
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	125
*Rep CV838-016	0.78	<0.2	22.7	0.37	<2	8
*Std OREAS 147	1.31	2.9	762	0.23	10	1350
*Std OREAS 554	0.67	<0.2	33.2	0.29	4	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-001	16.9	9	4.24	40.4	<0.1	3.2
CV838-002	7.7	<5	1.44	17.7	0.4	2.6
CV838-003	4.8	<5	0.99	17.3	0.5	1.5
CV838-004	24.3	11	6.35	52.1	<0.1	4.1
CV838-005	25.4	12	6.61	54.4	<0.1	4.2
CV838-006	15.9	8	3.74	23.4	0.6	3.1
CV838-007	12.2	10	2.96	36.9	0.5	2.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-008	18.8	11	4.59	38.0	<0.1	3.5
CV838-009	11.3	9	2.80	46.1	0.3	2.2
CV838-010	12.8	8	3.24	47.0	0.6	2.5
CV838-011	12.9	8	3.11	69.7	0.1	2.6
CV838-012	1.8	<5	0.49	2.5	0.2	0.4
CV838-013	23.8	8	5.81	51.8	0.3	4.4
CV838-014	10.1	<5	2.52	15.3	0.5	2.1
CV838-015	11.8	7	2.85	59.8	0.2	2.5
CV838-016	23.2	10	5.83	20.7	0.4	4.5
*Std AMIS0341	0.5	13	0.12	3829	11.1	0.2
*Rep CV838-016	23.6	10	5.73	20.8	0.5	4.4
*Std OREAS 147	416	29	126	1189	10.9	52.1
*Std OREAS 554	26.3	19	7.04	84.1	2.1	4.6
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-001	<1	<0.5	0.43	4.4	<0.5	0.21
CV838-002	<1	<0.5	0.58	0.3	<0.5	0.32
CV838-003	<1	<0.5	0.35	0.3	<0.5	0.26
CV838-004	<1	<0.5	0.46	9.8	<0.5	0.21
CV838-005	1	0.5	0.46	10.4	<0.5	0.23
CV838-006	<1	<0.5	0.49	4.2	<0.5	0.28
CV838-007	<1	0.7	0.37	2.7	<0.5	0.20
CV838-008	<1	<0.5	0.46	3.4	<0.5	0.22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV838-009	<1	<0.5	0.30	2.8	<0.5	0.17
CV838-010	<1	<0.5	0.35	3.6	<0.5	0.18
CV838-011	<1	<0.5	0.36	3.2	<0.5	0.19
CV838-012	<1	<0.5	0.07	1.2	<0.5	<0.05
CV838-013	<1	<0.5	0.59	2.9	<0.5	0.34
CV838-014	<1	<0.5	0.28	2.6	<0.5	0.16
CV838-015	<1	<0.5	0.34	2.9	<0.5	0.18
CV838-016	<1	0.6	0.61	2.9	<0.5	0.35
*Std AMIS0341	78	731	0.06	4.9	39.2	<0.05
*Rep CV838-016	<1	<0.5	0.58	2.8	<0.5	0.34
*Std OREAS 147	760	19.5	2.24	96.9	12.3	0.33
*Std OREAS 554	2	0.7	0.56	9.2	0.5	0.30
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV838-001	1.29	<1	13.5	1.3	120	-
CV838-002	0.09	4	20.5	2.2	57.8	-
CV838-003	0.12	2	15.1	1.7	38.0	<5
CV838-004	2.90	1	13.5	1.4	153	-
CV838-005	3.13	1	13.8	1.4	159	-
CV838-006	1.04	<1	16.9	1.9	118	<5
CV838-007	0.76	<1	12.7	1.3	87.9	-
CV838-008	1.07	1	14.6	1.5	132	-
CV838-009	0.90	2	10.8	1.1	93.8	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49022

Order Number	CV25-838
Project	Corvette
Submission Number	Batch CDM-016
Number of Samples	16

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV838-010	1.16	3	11.7	1.2	108	<5
CV838-011	0.97	1	11.9	1.3	104	-
CV838-012	0.39	<1	2.6	0.3	38.7	-
CV838-013	0.79	9	20.8	2.3	199	<5
CV838-014	0.91	7	9.3	1.0	89.8	<5
CV838-015	0.92	<1	11.6	1.2	102	-
CV838-016	0.76	2	20.9	2.2	199	<5
*Std SL107	-	-	-	-	-	5020
*Blk BLANK	-	-	-	-	-	<5
*Std SN117	-	-	-	-	-	8630
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1340
*Std AMIS0341	12.65	5	1.9	0.1	21.4	-
*Rep CV838-016	0.73	1	21.1	2.1	199	-
*Std OREAS 147	16.66	5	30.0	1.7	200	-
*Std OREAS 554	14.20	1	19.2	1.9	79.9	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-844	Date Received	14 Apr 2025
Project	Corvette	Date Analysed	19 Apr 2025 - 05 May 2025
Submission Number	Batch CDM-020	Date Completed	05 May 2025
Number of Samples	46	SGS Order Number	BBM25-49023

Methods Summary

Number of Samples	Method Code	Description
46	G_WGH_KG	Weight of samples received
46	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
46	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV844-001	3.80	7.25	20	324	<5	5.6
CV844-002	1.10	5.51	2454	108	<5	4.5
CV844-003	3.61	7.70	201	316	<5	2.9
CV844-004	1.09	7.35	1576	105	<5	1.1
CV844-005	-	7.48	1321	110	<5	1.2
CV844-006	3.64	9.50	53	564	<5	5.2
CV844-007	3.56	7.24	263	546	<5	2.8
CV844-008	3.07	4.91	725	96	<5	0.2
CV844-009	1.19	7.42	594	95	7	0.4
CV844-010	3.59	7.67	422	601	<5	2.5
CV844-011	3.53	7.84	155	944	<5	2.7
CV844-012	0.51	0.26	<10	20	<5	<0.1
CV844-013	3.30	7.29	146	503	<5	2.2
CV844-014	3.53	7.05	511	543	<5	2.4
CV844-015	1.35	7.59	321	147	<5	0.5
CV844-016	3.62	7.22	237	514	<5	2.5
CV844-017	1.07	7.49	225	339	5	1.3
CV844-018	0.02	8.30	21	56	151	0.2
CV844-019	2.35	7.28	237	501	<5	2.7
CV844-020	1.20	6.86	3961	293	<5	2.6
CV844-021	1.14	7.23	1979	351	6	1.4
CV844-022	3.53	7.25	26	507	<5	2.5
CV844-023	4.65	7.08	137	475	<5	2.5
CV844-024	4.49	7.12	26	365	5	1.7
CV844-025	4.61	7.06	37	337	<5	2.1
CV844-026	1.83	6.77	20	385	<5	2.9
CV844-027	1.59	7.05	16	147	<5	0.8
CV844-028	3.49	7.05	43	421	<5	2.8
CV844-029	1.11	7.19	18	235	6	2.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV844-030	-	7.03	16	226	6	2.0
CV844-031	3.60	7.09	13	389	<5	3.3
CV844-032	1.35	5.19	17	170	6	1.4
CV844-033	3.54	7.30	16	495	<5	2.4
CV844-034	3.53	7.32	63	405	<5	2.5
CV844-035	3.35	7.24	29	500	<5	2.5
CV844-036	1.76	7.37	229	147	<5	0.5
CV844-037	0.51	0.24	<10	21	<5	<0.1
CV844-038	3.48	7.29	19	475	<5	2.6
CV844-039	3.62	7.16	202	496	<5	2.8
CV844-040	1.15	6.76	357	315	7	2.3
CV844-041	3.49	7.28	38	488	<5	2.7
CV844-042	2.39	10.06	48	154	7	0.9
CV844-043	0.02	8.54	14	18	116	<0.1
CV844-044	3.43	7.34	25	516	<5	2.9
CV844-045	3.48	8.00	16	688	<5	2.8
CV844-046	1.16	7.49	14	404	<5	2.2
*Rep CV844-032	-	5.20	17	172	6	1.4
*Std AMIS0341	-	8.72	429	156	212	0.5
*Std MAGRUDER210711	-	0.06	4595	21	<5	19.0
*Std OREAS 750	-	5.62	12	428	39	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.61	414	151	213	0.5
*Std OREAS 147	-	4.92	28	1904	29	1.1
*Rep CV844-016	-	7.16	230	514	<5	2.5
*Std OREAS 554	-	4.23	148	1250	<5	3.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV844-001	127	204	11.00	0.7	32	1.91
CV844-002	717	110	8.25	0.5	172	7.98
CV844-003	356	40	4.28	0.9	81	2.52
CV844-004	313	73	2.43	3.6	51	0.32
CV844-005	368	75	2.39	3.9	50	0.32
CV844-006	197	48	5.91	1.5	142	3.11
CV844-007	484	47	7.15	1.8	176	2.34
CV844-008	414	<10	0.83	3.8	19	0.13
CV844-009	435	<10	0.64	3.8	14	0.13
CV844-010	496	52	6.19	1.9	194	2.34
CV844-011	452	45	5.76	2.2	110	2.18
CV844-012	456	<10	0.49	0.1	<10	0.02
CV844-013	471	53	6.64	2.2	203	2.31
CV844-014	552	52	6.32	2.0	203	2.71
CV844-015	303	<10	0.50	4.6	<10	0.04
CV844-016	472	57	7.15	2.1	248	2.43
CV844-017	389	45	3.33	2.7	135	0.98
CV844-018	26	35	0.84	2.0	7178	0.05
CV844-019	473	65	7.25	2.0	214	2.51
CV844-020	617	34	6.12	1.4	151	3.18
CV844-021	415	47	5.50	1.6	198	1.88
CV844-022	436	55	7.54	2.2	182	2.53
CV844-023	485	43	6.19	1.9	270	2.33
CV844-024	418	43	4.64	2.2	236	1.56
CV844-025	433	39	5.24	2.0	247	1.87
CV844-026	572	35	7.02	1.9	296	2.78
CV844-027	338	26	1.51	2.4	72	0.39
CV844-028	521	40	6.88	1.8	275	2.43
CV844-029	404	16	3.17	1.1	140	1.14

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV844-030	430	16	3.14	1.0	131	1.14
CV844-031	542	50	7.03	1.8	174	2.62
CV844-032	450	20	3.14	1.1	109	1.03
CV844-033	471	63	7.56	2.3	213	2.60
CV844-034	489	41	6.53	2.0	193	2.46
CV844-035	465	63	6.90	2.0	174	2.73
CV844-036	332	30	0.98	1.6	<10	0.07
CV844-037	419	<10	0.42	<0.1	<10	0.02
CV844-038	416	61	7.75	2.2	214	2.41
CV844-039	479	57	7.46	2.1	189	2.57
CV844-040	478	74	4.99	1.4	139	1.95
CV844-041	439	57	7.53	2.1	199	2.54
CV844-042	230	<10	0.77	3.2	22	0.13
CV844-043	27	19	0.85	1.9	9559	0.01
CV844-044	490	50	7.23	2.1	231	2.76
CV844-045	429	79	6.62	2.1	200	2.38
CV844-046	389	19	3.62	1.4	101	1.27
*Rep CV844-032	459	22	3.15	1.0	110	1.04
*Std AMIS0341	417	54	0.93	2.8	4734	0.21
*Std MAGRUDER210711	22	<10	0.07	<0.1	<10	0.10
*Std OREAS 750	38	22	1.71	1.8	2313	0.32
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	421	52	0.92	2.7	5088	0.20
*Std OREAS 147	79	294	3.19	1.6	2419	0.52
*Rep CV844-016	465	54	7.16	2.1	249	2.42
*Std OREAS 554	64	>10000	1.74	1.6	37	2.92
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV844-001	1689	33	0.10	0.17	8	23.3
CV844-002	1488	655	0.04	0.05	18	22.7
CV844-003	633	111	0.04	0.04	13	29.0
CV844-004	443	10	0.01	0.12	10	>30.0
CV844-005	364	15	0.01	0.13	9	>30.0
CV844-006	1121	46	0.08	0.04	22	23.9
CV844-007	684	127	0.07	0.46	15	27.1
CV844-008	98	16	<0.01	0.05	<5	>30.0
CV844-009	263	13	<0.01	<0.01	<5	>30.0
CV844-010	631	114	0.06	0.28	14	27.6
CV844-011	607	101	0.06	0.23	13	28.3
CV844-012	43	6	<0.01	<0.01	<5	>30.0
CV844-013	764	114	0.06	0.32	15	28.4
CV844-014	708	145	0.06	0.26	15	27.8
CV844-015	649	9	<0.01	0.01	<5	>30.0
CV844-016	677	128	0.06	0.35	15	27.9
CV844-017	689	58	0.03	0.22	8	>30.0
CV844-018	763	14	0.12	0.03	<5	>30.0
CV844-019	708	128	0.06	0.36	16	27.8
CV844-020	685	173	0.10	0.15	15	27.0
CV844-021	687	92	0.05	0.16	13	28.5
CV844-022	634	135	0.06	0.39	15	26.8
CV844-023	750	131	0.06	0.24	14	28.1
CV844-024	926	87	0.04	0.19	11	29.2
CV844-025	891	100	0.04	0.21	13	29.8
CV844-026	746	138	0.06	0.22	16	25.6
CV844-027	952	24	<0.01	0.09	6	>30.0
CV844-028	712	131	0.06	0.28	15	27.5
CV844-029	454	62	0.02	0.10	7	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV844-030	420	60	0.02	0.09	7	27.0
CV844-031	794	134	0.06	0.24	17	27.4
CV844-032	866	59	0.02	0.09	10	>30.0
CV844-033	697	133	0.06	0.40	17	27.4
CV844-034	923	126	0.05	0.22	15	27.9
CV844-035	712	133	0.07	0.31	16	27.5
CV844-036	1187	9	<0.01	0.18	7	>30.0
CV844-037	36	11	<0.01	<0.01	<5	>30.0
CV844-038	750	126	0.07	0.38	16	26.6
CV844-039	715	140	0.07	0.32	16	27.5
CV844-040	666	104	0.04	0.32	13	27.8
CV844-041	715	139	0.07	0.36	16	24.4
CV844-042	347	11	<0.01	<0.01	<5	29.9
CV844-043	743	17	0.11	<0.01	<5	>30.0
CV844-044	701	147	0.06	0.29	16	26.5
CV844-045	632	119	0.07	0.30	16	25.6
CV844-046	359	64	0.05	0.09	8	29.9
*Rep CV844-032	863	61	0.02	0.09	10	>30.0
*Std AMIS0341	1712	25	0.28	0.02	<5	>30.0
*Std MAGRUDER210711	53	6	<0.01	>10.00	<5	0.6
*Std OREAS 750	395	34	0.07	0.06	<5	>30.0
*Blk BLANK	<10	9	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1618	24	0.26	0.02	<5	>30.0
*Std OREAS 147	379	34	0.15	0.02	9	>30.0
*Rep CV844-016	683	130	0.06	0.36	15	27.8
*Std OREAS 554	1028	28	0.03	0.69	8	27.5
*Blk BLANK	<10	6	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-001	489	1.12	143	171	<1	<5
CV844-002	389	0.43	132	374	<1	<5
CV844-003	284	0.32	96	104	<1	<5
CV844-004	59	0.10	31	128	<1	<5
CV844-005	61	0.10	30	116	<1	<5
CV844-006	431	0.35	183	88	<1	<5
CV844-007	355	0.28	109	64	<1	<5
CV844-008	41	0.02	10	36	<1	<5
CV844-009	42	0.01	7	16	<1	<5
CV844-010	387	0.27	109	66	<1	<5
CV844-011	468	0.26	105	67	<1	<5
CV844-012	<10	0.02	8	<5	<1	<5
CV844-013	345	0.27	108	64	<1	<5
CV844-014	364	0.25	103	61	<1	<5
CV844-015	57	<0.01	<5	9	<1	<5
CV844-016	385	0.28	109	63	<1	12
CV844-017	191	0.13	52	36	<1	<5
CV844-018	40	0.01	5	85	<1	13
CV844-019	368	0.28	112	64	<1	<5
CV844-020	414	0.24	100	62	<1	<5
CV844-021	245	0.23	84	104	<1	<5
CV844-022	374	0.29	115	67	<1	<5
CV844-023	339	0.24	96	61	<1	<5
CV844-024	257	0.18	68	52	<1	<5
CV844-025	286	0.20	78	82	<1	<5
CV844-026	394	0.28	111	67	<1	<5
CV844-027	114	0.06	21	22	<1	<5
CV844-028	389	0.28	107	71	<1	<5
CV844-029	369	0.12	50	43	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-030	369	0.12	49	43	<1	<5
CV844-031	425	0.28	109	74	<1	<5
CV844-032	189	0.12	48	38	<1	<5
CV844-033	354	0.30	113	97	<1	<5
CV844-034	336	0.27	100	74	<1	<5
CV844-035	358	0.30	112	74	<1	<5
CV844-036	71	<0.01	7	22	<1	<5
CV844-037	<10	0.02	6	<5	<1	<5
CV844-038	319	0.31	112	72	<1	<5
CV844-039	368	0.29	110	74	<1	<5
CV844-040	342	0.20	77	55	<1	<5
CV844-041	370	0.29	108	70	<1	<5
CV844-042	94	0.04	8	22	<1	<5
CV844-043	28	<0.01	<5	84	<1	5
CV844-044	417	0.29	109	73	<1	<5
CV844-045	463	0.31	118	71	<1	<5
CV844-046	473	0.16	58	43	<1	<5
*Rep CV844-032	189	0.12	48	40	<1	<5
*Std AMIS0341	66	0.01	5	110	<1	24
*Std MAGRUDER210711	557	<0.01	<5	>10000	<1	<5
*Std OREAS 750	77	0.16	27	63	<1	13
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	66	0.01	5	101	<1	22
*Std OREAS 147	296	0.45	62	126	<1	38
*Rep CV844-016	384	0.28	109	63	<1	9
*Std OREAS 554	69	0.21	116	50	<1	60
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-001	0.2	0.3	80.1	47.0	1.5	5.58
CV844-002	0.2	1.0	27.9	69.3	11.1	2.29
CV844-003	<0.1	<0.2	19.7	22.0	4.1	1.86
CV844-004	0.1	0.3	46.0	9.1	71.2	4.45
CV844-005	0.1	0.3	20.9	9.5	73.9	3.44
CV844-006	<0.1	<0.2	35.0	31.5	6.7	2.02
CV844-007	0.3	<0.2	31.7	25.3	133	2.11
CV844-008	2.7	<0.2	11.7	1.8	54.2	1.34
CV844-009	2.8	<0.2	6.4	1.3	56.5	1.75
CV844-010	0.5	<0.2	36.2	26.8	87.5	2.26
CV844-011	0.3	<0.2	37.2	22.4	10.8	1.91
CV844-012	<0.1	<0.2	4.1	1.0	0.2	0.44
CV844-013	0.6	<0.2	32.5	23.9	104	2.07
CV844-014	1.1	<0.2	30.8	25.3	107	2.06
CV844-015	9.6	<0.2	21.9	0.8	17.3	4.20
CV844-016	0.9	<0.2	33.0	25.7	63.1	1.99
CV844-017	2.2	<0.2	20.8	11.9	76.8	1.92
CV844-018	2.7	1.5	3.6	1.2	66.1	0.37
CV844-019	0.5	<0.2	33.0	26.4	95.9	2.21
CV844-020	3.3	<0.2	29.8	26.4	86.9	2.22
CV844-021	4.4	<0.2	25.4	18.5	70.5	1.91
CV844-022	5.4	<0.2	32.7	26.3	48.1	2.12
CV844-023	11.5	<0.2	31.1	24.1	80.8	2.44
CV844-024	15.9	<0.2	23.7	16.7	119	2.64
CV844-025	12.5	<0.2	23.5	18.9	76.0	2.60
CV844-026	1.9	<0.2	33.3	27.7	80.6	2.24
CV844-027	3.1	<0.2	11.1	4.1	26.4	4.23
CV844-028	3.9	<0.2	29.6	25.4	49.5	2.17
CV844-029	1.4	<0.2	19.1	11.2	44.3	2.08

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-030	2.6	<0.2	17.9	11.3	41.3	2.11
CV844-031	7.1	<0.2	31.7	26.4	91.0	2.31
CV844-032	4.7	<0.2	17.4	10.9	57.6	3.28
CV844-033	2.7	<0.2	32.3	26.1	102	2.25
CV844-034	1.9	<0.2	30.1	24.3	80.5	2.47
CV844-035	0.5	<0.2	35.1	27.0	61.0	2.20
CV844-036	3.1	<0.2	20.7	1.1	6.4	3.40
CV844-037	<0.1	<0.2	4.9	0.9	0.3	0.54
CV844-038	0.5	<0.2	36.4	26.1	67.2	2.36
CV844-039	1.7	<0.2	34.2	26.5	46.7	2.28
CV844-040	13.7	<0.2	24.0	19.8	48.3	3.19
CV844-041	1.7	<0.2	36.3	26.6	52.2	2.18
CV844-042	0.3	<0.2	10.9	1.1	10.8	3.40
CV844-043	2.6	1.5	0.8	0.9	66.8	0.19
CV844-044	2.3	<0.2	34.1	26.7	58.2	2.22
CV844-045	2.6	<0.2	38.9	25.4	21.3	2.26
CV844-046	7.8	<0.2	26.3	13.0	22.6	1.41
*Rep CV844-032	3.6	<0.2	16.9	11.1	58.4	3.11
*Std AMIS0341	26.7	<0.2	1.1	3.6	504	0.27
*Std MAGRUDER210711	<0.1	<0.2	1.3	2.9	0.2	0.16
*Std OREAS 750	1.1	0.6	35.3	4.2	24.7	2.86
*Blk BLANK	<0.1	<0.2	0.2	<0.5	<0.1	<0.05
*Std AMIS0341	22.4	<0.2	1.0	3.4	458	0.29
*Std OREAS 147	13.4	0.5	1263	7.7	248	8.98
*Rep CV844-016	0.8	<0.2	33.5	24.9	63.6	2.13
*Std OREAS 554	2.8	<0.2	64.0	8197	2.7	3.57
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-001	2.68	2.51	20	7.22	2	5
CV844-002	1.25	0.79	21	2.94	2	2
CV844-003	1.03	0.67	18	1.95	1	3
CV844-004	2.79	0.42	30	5.15	3	4
CV844-005	2.27	0.42	30	3.54	3	4
CV844-006	1.16	0.90	19	2.46	2	2
CV844-007	1.21	0.82	19	2.36	2	3
CV844-008	0.63	0.07	25	1.84	3	<1
CV844-009	1.15	0.06	40	1.58	4	3
CV844-010	1.31	0.87	21	2.86	3	3
CV844-011	1.09	0.81	18	2.24	2	3
CV844-012	0.28	0.06	<1	0.41	1	1
CV844-013	1.17	0.82	20	2.40	2	3
CV844-014	1.23	0.80	19	2.30	2	3
CV844-015	4.02	0.07	27	3.33	3	4
CV844-016	1.24	0.81	18	2.38	2	3
CV844-017	1.19	0.41	29	2.05	3	3
CV844-018	0.12	<0.05	18	0.37	6	2
CV844-019	1.22	0.85	18	2.46	2	3
CV844-020	1.34	0.81	24	2.46	3	3
CV844-021	1.06	0.52	31	2.17	3	3
CV844-022	1.20	0.83	18	2.41	2	3
CV844-023	1.67	0.79	21	2.54	3	4
CV844-024	2.09	0.58	25	2.49	3	5
CV844-025	2.05	0.66	22	2.27	3	5
CV844-026	1.31	0.91	18	2.53	2	3
CV844-027	4.20	0.24	26	2.92	3	7
CV844-028	1.26	0.82	18	2.39	2	3
CV844-029	0.95	0.46	23	2.51	3	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-030	1.02	0.45	22	2.57	2	4
CV844-031	1.36	0.81	20	2.69	3	3
CV844-032	1.96	0.36	21	2.82	3	7
CV844-033	1.26	0.74	20	2.52	3	3
CV844-034	1.76	0.72	22	2.64	3	4
CV844-035	1.29	0.76	18	2.56	2	3
CV844-036	1.31	0.06	38	4.02	4	7
CV844-037	0.35	0.06	<1	0.39	1	1
CV844-038	1.32	0.78	19	2.62	3	3
CV844-039	1.32	0.82	18	2.60	2	3
CV844-040	1.84	0.54	22	3.42	2	5
CV844-041	1.23	0.81	18	2.70	2	2
CV844-042	3.29	0.21	42	2.73	3	3
CV844-043	0.06	<0.05	17	0.14	7	1
CV844-044	1.38	0.80	19	2.55	2	3
CV844-045	1.28	0.89	19	2.67	2	3
CV844-046	0.77	0.59	19	1.68	2	4
*Rep CV844-032	1.79	0.33	21	2.76	3	6
*Std AMIS0341	0.14	<0.05	48	0.26	10	3
*Std MAGRUDER210711	0.10	<0.05	<1	0.18	<1	<1
*Std OREAS 750	1.39	0.58	14	3.28	3	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.11	<0.05	42	0.23	9	3
*Std OREAS 147	2.76	11.13	22	22.14	4	6
*Rep CV844-016	1.27	0.86	18	2.46	2	2
*Std OREAS 554	1.95	0.84	12	3.82	1	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-001	1.05	<0.2	34.3	0.41	<2	45
CV844-002	0.44	<0.2	12.6	0.20	6	24
CV844-003	0.35	<0.2	9.7	0.16	<2	4
CV844-004	0.83	<0.2	18.3	0.90	<2	109
CV844-005	0.69	<0.2	9.1	0.72	<2	78
CV844-006	0.40	<0.2	17.3	0.19	<2	4
CV844-007	0.39	<0.2	15.5	0.20	<2	10
CV844-008	0.20	<0.2	4.4	0.16	<2	28
CV844-009	0.32	<0.2	2.5	0.47	<2	86
CV844-010	0.44	<0.2	17.8	0.23	<2	8
CV844-011	0.36	<0.2	19.4	0.19	2	5
CV844-012	0.09	<0.2	2.3	0.06	<2	<1
CV844-013	0.40	<0.2	16.0	0.21	6	15
CV844-014	0.38	<0.2	15.1	0.22	<2	10
CV844-015	1.01	<0.2	8.8	2.14	<2	70
CV844-016	0.40	<0.2	16.2	0.20	<2	6
CV844-017	0.36	<0.2	9.8	0.31	<2	56
CV844-018	0.05	<0.2	1.9	<0.05	3	58
CV844-019	0.42	<0.2	16.0	0.21	<2	6
CV844-020	0.44	<0.2	14.4	0.24	<2	20
CV844-021	0.37	<0.2	12.1	0.19	2	21
CV844-022	0.42	<0.2	15.7	0.20	13	5
CV844-023	0.50	<0.2	14.9	0.43	4	28
CV844-024	0.56	<0.2	11.2	0.71	<2	59
CV844-025	0.56	<0.2	11.2	0.75	3	35
CV844-026	0.44	<0.2	16.3	0.22	2	6
CV844-027	1.02	<0.2	4.7	1.96	<2	111
CV844-028	0.41	<0.2	14.3	0.25	<2	9
CV844-029	0.36	<0.2	8.8	0.15	4	26

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-030	0.37	<0.2	8.4	0.15	35	20
CV844-031	0.45	<0.2	15.0	0.22	5	8
CV844-032	0.65	<0.2	8.1	0.39	3	44
CV844-033	0.45	<0.2	15.4	0.21	6	11
CV844-034	0.54	<0.2	14.5	0.47	<2	19
CV844-035	0.43	<0.2	17.0	0.20	<2	5
CV844-036	0.52	<0.2	7.2	0.22	<2	101
CV844-037	0.11	<0.2	2.6	0.06	<2	2
CV844-038	0.45	<0.2	17.6	0.20	<2	6
CV844-039	0.46	<0.2	16.6	0.20	3	4
CV844-040	0.61	<0.2	11.3	0.35	177	24
CV844-041	0.45	<0.2	17.9	0.19	2	4
CV844-042	0.84	<0.2	4.3	1.05	<2	90
CV844-043	<0.05	<0.2	0.4	<0.05	3	37
CV844-044	0.45	<0.2	16.4	0.20	4	5
CV844-045	0.43	<0.2	19.1	0.19	3	4
CV844-046	0.27	<0.2	13.8	0.12	23	6
*Rep CV844-032	0.65	<0.2	7.7	0.35	2	41
*Std AMIS0341	0.05	<0.2	0.7	<0.05	3	127
*Std MAGRUDER210711	<0.05	<0.2	0.9	<0.05	<2	<1
*Std OREAS 750	0.52	<0.2	17.4	0.19	2	22
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	125
*Std OREAS 147	1.31	2.9	762	0.23	10	1350
*Rep CV844-016	0.41	<0.2	16.8	0.20	<2	6
*Std OREAS 554	0.67	<0.2	33.2	0.29	4	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-001	44.5	15	10.44	9.6	0.2	8.7
CV844-002	15.2	69	3.65	30.1	<0.1	3.2
CV844-003	9.8	96	2.37	25.0	<0.1	2.1
CV844-004	24.6	201	6.33	716	<0.1	6.0
CV844-005	11.1	186	2.78	752	<0.1	3.2
CV844-006	16.5	22	4.14	70.5	<0.1	3.0
CV844-007	14.9	15	3.77	266	<0.1	2.9
CV844-008	6.7	113	1.70	627	<0.1	2.1
CV844-009	3.9	132	0.89	661	<0.1	1.4
CV844-010	16.6	18	4.25	223	<0.1	3.3
CV844-011	16.1	13	4.16	91.0	<0.1	2.7
CV844-012	2.0	<5	0.51	3.2	0.2	0.4
CV844-013	15.5	20	3.89	254	<0.1	2.7
CV844-014	14.5	16	3.69	263	<0.1	2.8
CV844-015	12.1	149	2.92	563	<0.1	3.1
CV844-016	15.1	13	3.90	204	<0.1	2.9
CV844-017	10.3	70	2.61	346	<0.1	2.4
CV844-018	1.6	18	0.41	668	0.6	0.4
CV844-019	15.5	13	3.93	193	<0.1	3.0
CV844-020	14.2	16	3.56	226	<0.1	2.9
CV844-021	12.3	31	3.07	281	<0.1	2.5
CV844-022	15.3	12	3.89	125	<0.1	2.9
CV844-023	14.6	29	3.64	274	<0.1	2.9
CV844-024	11.7	56	2.87	544	<0.1	2.6
CV844-025	11.4	42	2.86	356	<0.1	2.5
CV844-026	16.1	17	3.99	403	<0.1	3.0
CV844-027	6.3	92	1.52	357	<0.1	2.2
CV844-028	14.0	18	3.55	240	<0.1	2.8
CV844-029	9.8	48	2.44	149	<0.1	2.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-030	9.1	46	2.26	139	<0.1	2.3
CV844-031	15.1	20	3.76	280	<0.1	3.1
CV844-032	9.1	35	2.22	186	<0.1	2.2
CV844-033	15.4	20	3.78	292	<0.1	2.8
CV844-034	14.4	28	3.57	291	<0.1	3.0
CV844-035	16.2	37	4.17	229	<0.1	3.0
CV844-036	13.4	150	3.11	135	<0.1	4.3
CV844-037	2.1	<5	0.60	3.6	0.3	0.5
CV844-038	16.7	15	4.29	242	<0.1	3.2
CV844-039	15.6	13	3.96	161	<0.1	2.9
CV844-040	11.9	28	2.92	144	<0.1	2.9
CV844-041	16.5	12	4.23	225	<0.1	3.3
CV844-042	6.5	109	1.58	407	<0.1	2.1
CV844-043	0.4	12	0.09	640	0.3	0.1
CV844-044	16.0	13	4.09	237	<0.1	3.1
CV844-045	17.9	14	4.46	126	<0.1	3.4
CV844-046	10.7	19	2.89	83.8	<0.1	1.9
*Rep CV844-032	8.8	34	2.06	188	<0.1	2.3
*Std AMIS0341	0.5	13	0.13	4199	13.0	0.2
*Std MAGRUDER210711	0.8	<5	0.18	2.0	0.2	0.2
*Std OREAS 750	16.0	16	4.20	267	0.4	3.4
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std AMIS0341	0.5	13	0.12	3829	11.1	0.2
*Std OREAS 147	416	29	126	1189	10.9	52.1
*Rep CV844-016	15.1	14	3.87	208	<0.1	2.8
*Std OREAS 554	26.3	19	7.04	84.1	2.1	4.6
*Blk BLANK	<0.1	<5	<0.05	0.3	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-001	2	2.6	1.02	2.6	<0.5	0.43
CV844-002	1	5.9	0.39	1.6	<0.5	0.19
CV844-003	<1	<0.5	0.29	1.6	<0.5	0.17
CV844-004	1	24.2	0.72	15.7	3.9	0.55
CV844-005	1	17.4	0.56	6.8	4.1	0.45
CV844-006	<1	<0.5	0.32	3.2	<0.5	0.19
CV844-007	<1	3.1	0.36	3.7	1.7	0.17
CV844-008	<1	24.3	0.24	3.2	3.3	0.12
CV844-009	<1	51.2	0.28	3.9	3.5	0.24
CV844-010	<1	1.9	0.37	4.7	1.4	0.20
CV844-011	<1	<0.5	0.31	5.9	0.6	0.16
CV844-012	<1	<0.5	0.07	1.2	<0.5	<0.05
CV844-013	1	3.2	0.36	3.9	1.6	0.19
CV844-014	<1	2.5	0.33	4.6	1.6	0.19
CV844-015	<1	11.7	0.57	11.0	2.6	0.99
CV844-016	<1	0.5	0.33	4.5	1.2	0.18
CV844-017	<1	25.3	0.32	4.3	2.1	0.21
CV844-018	236	44.2	0.07	1.0	4.0	<0.05
CV844-019	1	0.8	0.33	3.9	1.1	0.20
CV844-020	2	5.6	0.35	3.5	1.4	0.22
CV844-021	2	9.6	0.31	4.1	1.8	0.16
CV844-022	<1	<0.5	0.34	4.2	0.6	0.19
CV844-023	1	5.1	0.38	6.6	1.7	0.29
CV844-024	1	13.3	0.38	10.1	3.5	0.43
CV844-025	<1	5.2	0.38	8.5	2.2	0.43
CV844-026	<1	1.0	0.36	3.6	2.5	0.21
CV844-027	<1	18.8	0.57	16.7	2.0	0.98
CV844-028	<1	1.2	0.34	3.9	1.4	0.20
CV844-029	<1	6.0	0.38	6.0	0.9	0.13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV844-030	<1	4.7	0.40	7.0	0.8	0.14
CV844-031	1	1.7	0.38	3.7	1.5	0.21
CV844-032	<1	11.0	0.50	7.9	1.1	0.33
CV844-033	1	1.8	0.35	3.9	1.4	0.19
CV844-034	1	3.8	0.41	5.6	1.6	0.31
CV844-035	1	0.8	0.35	3.9	1.1	0.19
CV844-036	<1	45.8	0.59	10.7	0.5	0.21
CV844-037	<1	<0.5	0.07	1.2	<0.5	<0.05
CV844-038	<1	1.6	0.39	4.5	1.2	0.19
CV844-039	<1	<0.5	0.36	4.0	0.7	0.20
CV844-040	<1	7.9	0.49	6.6	0.8	0.29
CV844-041	<1	<0.5	0.37	4.1	1.2	0.18
CV844-042	<1	18.2	0.50	13.2	2.0	0.64
CV844-043	145	20.6	<0.05	0.3	3.9	<0.05
CV844-044	1	0.7	0.37	3.8	1.3	0.19
CV844-045	<1	<0.5	0.37	4.3	0.6	0.19
CV844-046	<1	0.6	0.24	14.3	<0.5	0.11
*Rep CV844-032	<1	9.8	0.50	7.0	1.1	0.30
*Std AMIS0341	92	740	0.05	5.0	42.1	<0.05
*Std MAGRUDER210711	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 750	46	10.2	0.46	6.7	1.6	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	78	731	0.06	4.9	39.2	<0.05
*Std OREAS 147	760	19.5	2.24	96.9	12.3	0.33
*Rep CV844-016	<1	0.6	0.33	4.7	1.2	0.19
*Std OREAS 554	2	0.7	0.56	9.2	0.5	0.30
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@U	@W	@Y	@Yb	@Zr
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	1	0.5	0.1	0.5
Upper Limit	1,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID					
CV844-001	0.68	1	25.4	2.5	182
CV844-002	0.58	<1	13.4	1.3	68.6
CV844-003	0.46	<1	9.9	1.0	90.5
CV844-004	7.37	2	43.4	4.7	73.0
CV844-005	5.74	1	35.4	3.6	70.5
CV844-006	0.86	<1	11.1	1.1	61.2
CV844-007	1.12	1	11.8	1.2	87.2
CV844-008	1.37	<1	18.7	0.9	9.3
CV844-009	4.63	2	24.5	2.3	12.4
CV844-010	1.76	<1	12.7	1.4	103
CV844-011	1.78	<1	10.0	1.1	89.0
CV844-012	0.40	<1	2.7	0.3	35.2
CV844-013	1.30	<1	11.5	1.2	87.6
CV844-014	1.70	<1	11.5	1.2	86.3
CV844-015	12.28	2	48.7	9.8	42.3
CV844-016	1.42	<1	11.0	1.2	86.8
CV844-017	4.25	2	15.8	1.7	58.9
CV844-018	8.64	5	1.8	0.1	29.1
CV844-019	1.23	1	11.8	1.3	101
CV844-020	1.44	29	13.1	1.5	81.1
CV844-021	1.84	26	13.0	1.1	82.3
CV844-022	1.23	<1	11.3	1.2	90.2
CV844-023	7.75	1	17.2	2.2	98.2
CV844-024	17.60	<1	23.3	3.6	89.4
CV844-025	12.96	<1	21.7	3.6	102
CV844-026	1.24	<1	12.3	1.3	109
CV844-027	39.75	1	47.4	8.7	95.2
CV844-028	2.56	<1	11.9	1.4	100
CV844-029	4.73	<1	12.6	0.9	52.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

ANALYSIS REPORT BBM25-49023

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

Element	@U	@W	@Y	@Yb	@Zr
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	1	0.5	0.1	0.5
Upper Limit	1,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID					
CV844-030	5.05	<1	13.9	1.0	50.5
CV844-031	1.67	<1	12.8	1.5	89.6
CV844-032	8.83	8	27.5	2.5	74.9
CV844-033	1.22	<1	11.9	1.3	88.5
CV844-034	5.72	1	18.5	2.5	83.7
CV844-035	1.17	<1	12.1	1.3	91.8
CV844-036	7.20	2	31.1	1.5	34.4
CV844-037	0.41	<1	3.1	0.4	32.8
CV844-038	1.34	6	12.6	1.3	91.1
CV844-039	1.32	<1	12.1	1.3	82.3
CV844-040	6.45	2	22.7	2.1	75.8
CV844-041	1.23	3	11.8	1.2	85.4
CV844-042	31.39	2	32.4	5.7	39.0
CV844-043	6.26	6	0.8	<0.1	11.2
CV844-044	1.26	<1	12.0	1.2	88.5
CV844-045	1.24	<1	11.5	1.2	97.4
CV844-046	6.30	<1	7.4	0.7	93.7
*Rep CV844-032	8.05	8	27.2	2.3	74.5
*Std AMIS0341	13.32	5	2.0	0.1	22.5
*Std MAGRUDER210711	0.58	<1	1.3	<0.1	9.1
*Std OREAS 750	4.96	6	14.2	1.3	107
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5
*Std AMIS0341	12.65	5	1.9	0.1	21.4
*Std OREAS 147	16.66	5	30.0	1.7	200
*Rep CV844-016	1.48	<1	11.3	1.2	87.0
*Std OREAS 554	14.20	1	19.2	1.9	79.9
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 05 May 2025

Order Number	CV25-844
Project	Corvette
Submission Number	Batch CDM-020
Number of Samples	46

ANALYSIS REPORT BBM25-49023

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-845	Date Received	14 Apr 2025
Project	Corvette	Date Analysed	19 Apr 2025 - 05 May 2025
Submission Number	Batch CDM-021	Date Completed	06 May 2025
Number of Samples	34	SGS Order Number	BBM25-49024

Methods Summary

Number of Samples	Method Code	Description
34	G_WGH_KG	Weight of samples received
34	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
34	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
15	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV845-001	3.76	7.08	<10	198	<5	6.1
CV845-002	1.28	7.33	157	368	<5	5.1
CV845-003	3.19	6.99	43	526	<5	3.7
CV845-004	4.09	7.18	127	976	<5	2.7
CV845-005	-	7.15	194	955	<5	2.5
CV845-006	1.37	7.28	73	910	<5	2.5
CV845-007	1.32	7.50	28	154	<5	2.7
CV845-008	3.66	7.71	75	234	<5	3.3
CV845-009	1.20	6.53	34	239	<5	2.3
CV845-010	3.10	6.30	1473	73	<5	6.0
CV845-011	1.37	6.81	91	87	<5	7.3
CV845-012	0.51	0.22	<10	18	<5	<0.1
CV845-013	3.70	7.25	580	158	<5	4.6
CV845-014	1.30	6.12	381	153	<5	5.8
CV845-015	3.97	6.95	739	169	<5	4.4
CV845-016	3.19	7.44	465	224	<5	4.8
CV845-017	1.38	6.76	520	166	<5	4.5
CV845-018	0.02	8.36	23	410	102	0.7
CV845-019	1.29	7.21	94	282	<5	4.7
CV845-020	3.57	7.19	15	37	<5	1.8
CV845-021	3.87	7.26	406	175	<5	3.1
CV845-022	1.17	7.11	2462	285	<5	2.0
CV845-023	3.38	6.20	29	563	<5	0.8
CV845-024	3.77	6.57	156	207	<5	6.1
CV845-025	3.50	5.85	<10	264	<5	2.4
CV845-026	3.89	6.83	<10	66	<5	5.7
CV845-027	2.52	4.41	38	79	<5	2.9
CV845-028	3.48	6.56	19	71	<5	1.5
CV845-029	1.23	5.73	2620	73	<5	5.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV845-030	-	6.10	2955	76	<5	5.3
CV845-031	3.75	6.59	21	128	<5	5.4
CV845-032	3.51	7.40	71	290	<5	3.5
CV845-033	3.71	7.70	28	119	<5	4.8
CV845-034	3.03	7.37	269	426	<5	2.2
*Std OREAS 753	-	8.47	14	20	115	0.2
*Std AMIS0341	-	8.50	431	158	207	0.6
*Std OREAS 553	-	2.94	311	315	<5	5.3
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.72	429	156	212	0.5
*Rep CV845-009	-	6.55	36	238	<5	2.3
*Std MAGRUDER210711	-	0.06	4595	21	<5	19.0
*Std OREAS 750	-	5.62	12	428	39	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV845-001	249	86	10.70	0.5	23	2.43
CV845-002	304	115	11.07	1.0	28	2.81
CV845-003	251	47	7.04	1.2	25	2.22
CV845-004	247	53	4.35	2.0	33	1.10
CV845-005	257	50	4.35	1.9	34	1.10
CV845-006	191	43	4.86	1.6	41	1.53
CV845-007	308	251	7.89	0.8	41	2.95
CV845-008	423	73	7.00	0.8	23	2.53

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV845-009	382	60	6.10	0.8	19	1.61
CV845-010	1130	<10	7.61	0.4	20	7.50
CV845-011	267	78	13.61	0.5	12	2.33
CV845-012	410	<10	0.39	<0.1	<10	0.02
CV845-013	336	60	12.55	0.6	20	2.40
CV845-014	293	132	12.75	0.8	20	1.98
CV845-015	315	136	14.78	1.0	38	2.34
CV845-016	305	116	14.33	1.1	39	2.31
CV845-017	317	225	15.71	0.8	27	2.30
CV845-018	38	31	1.67	2.4	4462	0.30
CV845-019	255	121	12.45	1.8	40	2.26
CV845-020	150	87	10.20	0.3	157	6.88
CV845-021	268	122	14.71	1.1	66	3.27
CV845-022	225	65	6.01	0.4	35	2.78
CV845-023	208	25	4.33	0.8	59	1.58
CV845-024	221	106	11.34	0.3	<10	3.09
CV845-025	223	19	6.40	0.9	61	1.84
CV845-026	249	105	11.59	0.3	16	3.72
CV845-027	201	43	6.57	0.2	50	2.76
CV845-028	120	66	8.96	0.2	177	6.37
CV845-029	1091	21	9.46	0.3	24	6.75
CV845-030	923	20	9.37	0.3	21	6.07
CV845-031	201	77	11.44	0.5	16	3.42
CV845-032	200	22	6.12	2.3	50	1.22
CV845-033	228	88	10.86	0.3	12	2.91
CV845-034	258	125	5.48	0.9	38	1.77
*Std OREAS 753	28	19	0.85	2.0	9550	0.02
*Std AMIS0341	423	57	0.91	2.8	4657	0.21
*Std OREAS 553	45	5738	1.23	0.8	97	5.33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	417	54	0.93	2.8	4734	0.21
*Rep CV845-009	388	62	6.11	0.8	20	1.62
*Std MAGRUDER210711	22	<10	0.07	<0.1	<10	0.10
*Std OREAS 750	38	22	1.71	1.8	2313	0.32
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV845-001	1813	63	0.06	0.37	41	23.7
CV845-002	2728	68	0.09	0.92	34	24.0
CV845-003	1101	46	0.08	0.36	25	26.0
CV845-004	554	27	0.06	0.79	13	29.3
CV845-005	553	27	0.06	0.76	13	30.0
CV845-006	719	22	0.08	0.64	14	29.5
CV845-007	1432	76	0.05	0.83	22	24.6
CV845-008	1301	88	0.05	0.24	26	27.5
CV845-009	1189	57	0.04	0.53	18	28.5
CV845-010	1420	314	0.12	<0.01	29	23.8
CV845-011	4308	56	0.11	0.21	42	22.7
CV845-012	33	9	<0.01	<0.01	<5	>30.0
CV845-013	3595	68	0.08	0.22	44	24.0
CV845-014	3831	57	0.08	0.66	39	24.7
CV845-015	4045	65	0.09	1.08	44	21.5
CV845-016	4386	62	0.10	0.91	45	22.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV845-017	4860	71	0.08	1.96	41	22.4
CV845-018	656	17	0.12	0.05	<5	>30.0
CV845-019	2979	67	0.09	1.18	42	23.1
CV845-020	817	76	0.10	0.25	48	22.1
CV845-021	4194	71	0.09	1.30	46	21.8
CV845-022	720	32	0.09	0.29	22	28.0
CV845-023	317	13	0.03	0.46	9	>30.0
CV845-024	1816	52	0.12	0.25	45	23.6
CV845-025	968	19	0.09	0.14	19	29.5
CV845-026	1788	78	0.10	0.23	46	22.7
CV845-027	907	28	0.08	0.35	28	27.9
CV845-028	763	44	0.14	0.23	44	23.8
CV845-029	1882	308	0.12	0.15	30	23.4
CV845-030	1780	257	0.12	0.16	29	23.2
CV845-031	1936	66	0.12	0.26	43	22.6
CV845-032	1016	11	0.08	0.06	19	27.6
CV845-033	1560	61	0.08	0.12	37	22.1
CV845-034	821	52	0.06	0.63	17	27.9
*Std OREAS 753	738	16	0.11	0.01	<5	>30.0
*Std AMIS0341	1659	23	0.28	0.02	<5	28.8
*Std OREAS 553	1568	26	0.05	0.27	7	26.4
*Blk BLANK	<10	5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1712	25	0.28	0.02	<5	>30.0
*Rep CV845-009	1190	57	0.04	0.53	18	28.0
*Std MAGRUDER210711	53	6	<0.01	>10.00	<5	0.6
*Std OREAS 750	395	34	0.07	0.06	<5	>30.0
*Blk BLANK	<10	9	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-001	146	0.93	396	155	<1	6
CV845-002	141	0.82	268	139	<1	7
CV845-003	138	0.63	192	159	<1	7
CV845-004	192	0.40	85	171	<1	<5
CV845-005	194	0.40	82	165	<1	<5
CV845-006	261	0.45	79	163	<1	<5
CV845-007	165	0.40	145	136	<1	14
CV845-008	180	0.45	169	78	<1	13
CV845-009	137	0.38	130	67	<1	<5
CV845-010	316	0.46	201	105	<1	151
CV845-011	103	1.14	343	139	<1	15
CV845-012	<10	0.01	6	<5	<1	<5
CV845-013	123	0.99	352	130	<1	12
CV845-014	92	0.91	314	122	<1	75
CV845-015	84	1.03	364	137	<1	11
CV845-016	85	1.12	373	132	<1	5
CV845-017	52	0.99	344	122	<1	6
CV845-018	80	0.15	24	92	<1	10
CV845-019	77	1.02	349	169	<1	15
CV845-020	121	1.07	413	52	<1	17
CV845-021	44	1.04	367	225	<1	44
CV845-022	199	0.62	129	68	<1	<5
CV845-023	104	0.29	44	51	<1	<5
CV845-024	201	1.04	388	125	<1	7
CV845-025	151	0.63	89	90	<1	<5
CV845-026	166	1.04	401	113	<1	<5
CV845-027	93	0.71	239	56	<1	6
CV845-028	62	1.18	388	39	<1	7
CV845-029	73	0.65	218	134	<1	405

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-030	87	0.71	221	131	<1	342
CV845-031	156	1.14	385	125	<1	6
CV845-032	120	0.61	163	87	<1	<5
CV845-033	195	0.89	389	101	<1	<5
CV845-034	118	0.39	108	611	<1	5
*Std OREAS 753	31	<0.01	<5	84	<1	<5
*Std AMIS0341	68	0.01	6	107	<1	22
*Std OREAS 553	58	0.20	74	49	<1	7
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	66	0.01	5	110	<1	24
*Rep CV845-009	137	0.37	130	67	<1	<5
*Std MAGRUDER210711	557	<0.01	<5	>10000	<1	<5
*Std OREAS 750	77	0.16	27	63	<1	13
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-001	<0.1	<0.2	23.2	54.8	5.2	6.52
CV845-002	0.1	0.2	36.2	45.9	4.4	5.45
CV845-003	0.1	0.3	48.4	30.2	1.6	6.64
CV845-004	0.4	0.5	58.6	16.5	2.7	6.65
CV845-005	0.3	0.5	59.0	15.8	2.6	6.70
CV845-006	0.2	0.3	63.4	15.3	3.4	6.30
CV845-007	<0.1	0.2	31.6	46.5	1.6	3.13
CV845-008	<0.1	<0.2	30.7	33.3	1.6	3.71

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-009	<0.1	<0.2	41.9	23.9	1.5	4.37
CV845-010	<0.1	0.2	30.2	56.0	2.1	3.20
CV845-011	<0.1	<0.2	29.8	50.8	0.6	8.03
CV845-012	<0.1	<0.2	4.1	0.8	0.2	0.55
CV845-013	<0.1	<0.2	24.6	55.4	1.4	6.56
CV845-014	0.1	<0.2	21.3	56.5	12.6	6.14
CV845-015	<0.1	<0.2	23.5	63.5	5.2	7.00
CV845-016	<0.1	<0.2	26.1	56.9	3.9	6.90
CV845-017	0.1	<0.2	23.7	72.6	2.5	6.45
CV845-018	1.9	1.0	33.1	3.9	54.3	2.44
CV845-019	0.1	<0.2	22.6	53.6	4.1	6.46
CV845-020	<0.1	<0.2	18.2	52.5	10.6	6.67
CV845-021	0.3	0.6	24.5	75.6	7.6	7.21
CV845-022	<0.1	<0.2	56.3	21.9	4.5	10.17
CV845-023	0.2	<0.2	80.6	13.9	4.9	17.01
CV845-024	<0.1	<0.2	20.2	51.0	1.8	6.32
CV845-025	<0.1	<0.2	63.3	16.5	5.1	15.17
CV845-026	<0.1	<0.2	17.2	56.6	1.9	6.34
CV845-027	<0.1	<0.2	15.5	34.9	6.5	4.36
CV845-028	<0.1	<0.2	18.0	49.5	14.3	7.49
CV845-029	0.5	0.2	37.7	55.4	1.4	4.86
CV845-030	0.1	<0.2	45.2	49.9	1.3	5.45
CV845-031	<0.1	<0.2	20.5	50.4	2.3	6.76
CV845-032	<0.1	<0.2	41.9	21.8	5.0	4.38
CV845-033	<0.1	<0.2	12.2	53.8	2.8	4.75
CV845-034	0.2	1.8	52.1	25.6	5.7	4.44
*Std OREAS 753	2.4	1.4	1.0	0.9	65.3	0.17
*Std AMIS0341	24.2	<0.2	1.1	3.4	490	0.29
*Std OREAS 553	2.7	0.2	55.1	6117	1.0	3.79

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Std AMIS0341	26.7	<0.2	1.1	3.6	504	0.27
*Rep CV845-009	<0.1	<0.2	41.5	24.3	1.6	4.41
*Std MAGRUDER210711	<0.1	<0.2	1.3	2.9	0.2	0.16
*Std OREAS 750	1.1	0.6	35.3	4.2	24.7	2.86
*Blk BLANK	<0.1	<0.2	0.2	<0.5	<0.1	<0.05

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-001	4.19	1.27	21	5.40	2	3
CV845-002	3.35	1.35	20	5.30	2	4
CV845-003	4.15	1.30	19	6.32	2	5
CV845-004	4.07	1.11	19	6.28	1	6
CV845-005	4.29	1.12	19	6.49	1	6
CV845-006	3.94	1.23	19	6.28	1	6
CV845-007	1.91	0.75	17	3.15	2	3
CV845-008	2.22	0.83	19	3.79	2	3
CV845-009	2.71	0.78	16	4.38	1	4
CV845-010	1.92	0.98	17	3.65	2	2
CV845-011	5.13	1.72	22	7.39	2	4
CV845-012	0.37	0.05	<1	0.41	1	1
CV845-013	4.18	1.44	22	6.20	2	4
CV845-014	3.94	1.37	19	5.75	2	3
CV845-015	4.27	1.42	22	6.00	2	3
CV845-016	4.28	1.47	23	6.23	2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-017	4.20	1.35	20	5.99	2	4
CV845-018	1.24	0.53	20	3.03	5	4
CV845-019	4.15	1.38	21	5.48	2	4
CV845-020	4.30	0.96	22	6.23	2	4
CV845-021	4.46	1.31	23	6.53	2	4
CV845-022	6.41	1.60	21	9.24	1	8
CV845-023	11.44	2.05	24	14.28	1	11
CV845-024	3.95	1.37	20	5.62	2	4
CV845-025	9.99	2.39	22	13.80	2	11
CV845-026	3.87	1.39	21	5.56	2	4
CV845-027	2.69	0.96	15	3.91	1	2
CV845-028	4.75	1.07	22	5.81	2	4
CV845-029	2.90	1.17	17	4.95	2	3
CV845-030	3.42	1.43	17	5.62	2	4
CV845-031	4.32	1.71	21	6.19	2	4
CV845-032	2.70	1.17	18	4.33	1	4
CV845-033	3.00	1.12	21	3.87	2	2
CV845-034	2.65	1.03	18	4.47	1	5
*Std OREAS 753	<0.05	<0.05	16	0.13	6	1
*Std AMIS0341	0.14	<0.05	43	0.24	9	3
*Std OREAS 553	1.99	0.90	8	4.37	1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.14	<0.05	48	0.26	10	3
*Rep CV845-009	2.77	0.77	16	4.36	1	4
*Std MAGRUDER210711	0.10	<0.05	<1	0.18	<1	<1
*Std OREAS 750	1.39	0.58	14	3.28	3	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-001	1.34	<0.2	9.7	0.63	<2	5
CV845-002	1.14	<0.2	16.5	0.51	<2	6
CV845-003	1.33	<0.2	22.7	0.61	<2	9
CV845-004	1.35	<0.2	27.9	0.62	<2	11
CV845-005	1.39	<0.2	27.8	0.64	2	12
CV845-006	1.29	<0.2	30.3	0.59	2	11
CV845-007	0.63	<0.2	16.1	0.29	<2	4
CV845-008	0.73	<0.2	14.8	0.33	<2	4
CV845-009	0.92	<0.2	20.4	0.41	<2	6
CV845-010	0.66	<0.2	14.3	0.28	<2	3
CV845-011	1.75	<0.2	13.2	0.74	<2	6
CV845-012	0.12	<0.2	2.2	0.06	<2	<1
CV845-013	1.44	<0.2	10.4	0.62	3	5
CV845-014	1.34	<0.2	9.3	0.55	2	4
CV845-015	1.47	<0.2	9.8	0.64	<2	4
CV845-016	1.48	<0.2	11.2	0.64	<2	5
CV845-017	1.39	<0.2	10.2	0.60	<2	4
CV845-018	0.42	<0.2	16.2	0.16	3	41
CV845-019	1.39	<0.2	9.6	0.62	<2	5
CV845-020	1.46	<0.2	7.3	0.62	<2	4
CV845-021	1.53	<0.2	10.0	0.68	<2	4
CV845-022	2.17	<0.2	25.0	0.93	4	10
CV845-023	3.75	<0.2	36.2	1.66	4	15
CV845-024	1.37	<0.2	8.4	0.58	<2	4
CV845-025	3.33	<0.2	27.1	1.57	<2	14
CV845-026	1.32	<0.2	6.8	0.58	2	4
CV845-027	0.91	<0.2	6.6	0.41	<2	3
CV845-028	1.59	<0.2	7.7	0.70	<2	4
CV845-029	1.01	<0.2	17.0	0.43	2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-030	1.14	<0.2	20.5	0.48	<2	4
CV845-031	1.46	<0.2	8.3	0.66	<2	4
CV845-032	0.92	<0.2	19.9	0.40	<2	6
CV845-033	1.02	<0.2	4.8	0.44	<2	2
CV845-034	0.87	<0.2	25.7	0.38	<2	7
*Std OREAS 753	<0.05	<0.2	0.5	<0.05	3	36
*Std AMIS0341	0.05	<0.2	0.7	<0.05	3	113
*Std OREAS 553	0.74	<0.2	32.8	0.28	2	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0341	0.05	<0.2	0.7	<0.05	3	127
*Rep CV845-009	0.91	<0.2	20.1	0.41	<2	6
*Std MAGRUDER210711	<0.05	<0.2	0.9	<0.05	<2	<1
*Std OREAS 750	0.52	<0.2	17.4	0.19	2	22
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-001	15.4	<5	3.24	20.1	0.5	4.4
CV845-002	20.2	<5	4.69	32.5	0.5	4.9
CV845-003	25.4	9	5.84	35.1	0.4	5.8
CV845-004	28.4	12	7.00	56.1	0.2	6.1
CV845-005	28.3	12	6.97	54.5	0.2	6.0
CV845-006	29.4	11	7.51	57.0	0.2	6.1
CV845-007	14.9	12	3.71	28.6	0.2	3.1
CV845-008	15.3	5	3.71	24.7	0.3	3.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-009	19.4	6	5.02	24.4	0.2	4.2
CV845-010	17.2	<5	3.89	10.8	0.9	3.7
CV845-011	19.8	<5	4.02	11.2	1.0	5.7
CV845-012	2.0	<5	0.50	3.0	0.2	0.4
CV845-013	16.4	<5	3.38	15.9	0.6	4.8
CV845-014	14.4	<5	2.98	27.4	0.8	4.1
CV845-015	16.1	<5	3.26	36.4	0.6	4.7
CV845-016	17.3	<5	3.66	40.4	0.7	4.8
CV845-017	16.2	<5	3.35	26.9	0.7	4.6
CV845-018	15.5	21	3.99	523	0.6	3.3
CV845-019	15.0	<5	3.17	61.3	0.8	4.4
CV845-020	13.6	<5	2.70	11.3	0.5	4.4
CV845-021	17.0	<5	3.52	40.9	0.6	5.0
CV845-022	31.6	<5	7.25	14.3	0.2	7.9
CV845-023	46.6	<5	10.64	20.6	0.3	12.1
CV845-024	14.9	<5	2.99	5.1	1.5	4.3
CV845-025	40.1	<5	8.69	25.7	0.3	11.0
CV845-026	13.4	<5	2.63	6.0	1.1	4.1
CV845-027	10.6	<5	2.17	5.8	0.7	3.0
CV845-028	12.7	<5	2.55	8.7	0.7	4.1
CV845-029	20.9	<5	4.80	8.8	2.3	4.8
CV845-030	24.0	<5	5.66	9.7	1.8	5.4
CV845-031	14.8	<5	2.97	15.6	0.8	4.5
CV845-032	20.4	5	5.00	75.9	0.3	4.2
CV845-033	9.0	<5	1.79	7.8	0.5	3.0
CV845-034	23.0	16	6.01	26.7	0.8	4.6
*Std OREAS 753	0.3	12	0.10	610	0.3	0.2
*Std AMIS0341	0.6	14	0.12	3789	11.2	0.2
*Std OREAS 553	25.0	14	6.51	25.6	0.4	4.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1
*Std AMIS0341	0.5	13	0.13	4199	13.0	0.2
*Rep CV845-009	19.2	6	4.91	24.4	0.2	4.2
*Std MAGRUDER210711	0.8	<5	0.18	2.0	0.2	0.2
*Std OREAS 750	16.0	16	4.20	267	0.4	3.4
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-001	1	<0.5	0.96	1.3	<0.5	0.62
CV845-002	1	<0.5	0.87	2.5	<0.5	0.52
CV845-003	2	0.6	1.06	4.0	<0.5	0.62
CV845-004	3	0.8	1.05	5.5	<0.5	0.61
CV845-005	3	0.8	1.04	5.7	<0.5	0.64
CV845-006	2	0.8	0.97	5.5	<0.5	0.59
CV845-007	<1	<0.5	0.50	2.5	<0.5	0.27
CV845-008	<1	<0.5	0.56	2.5	<0.5	0.34
CV845-009	<1	<0.5	0.72	5.3	<0.5	0.41
CV845-010	<1	<0.5	0.52	2.2	<0.5	0.27
CV845-011	1	<0.5	1.21	1.3	<0.5	0.74
CV845-012	<1	<0.5	0.08	0.9	<0.5	0.06
CV845-013	1	<0.5	1.05	1.2	<0.5	0.61
CV845-014	1	<0.5	0.96	0.9	<0.5	0.56
CV845-015	1	<0.5	1.00	1.1	<0.5	0.64
CV845-016	1	<0.5	1.07	1.3	<0.5	0.62

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV845-017	1	<0.5	0.99	1.1	<0.5	0.60
CV845-018	173	29.5	0.44	6.6	3.1	0.19
CV845-019	2	0.7	0.98	1.4	<0.5	0.60
CV845-020	<1	<0.5	1.02	0.7	<0.5	0.62
CV845-021	1	<0.5	1.09	1.1	<0.5	0.66
CV845-022	1	0.7	1.54	4.2	<0.5	0.95
CV845-023	4	1.0	2.56	5.7	<0.5	1.71
CV845-024	1	<0.5	0.94	0.9	<0.5	0.58
CV845-025	3	0.9	2.35	4.6	<0.5	1.52
CV845-026	<1	<0.5	0.95	0.6	<0.5	0.57
CV845-027	<1	<0.5	0.64	0.6	<0.5	0.40
CV845-028	1	<0.5	1.08	0.8	<0.5	0.74
CV845-029	1	<0.5	0.76	2.4	<0.5	0.44
CV845-030	1	<0.5	0.87	2.9	<0.5	0.49
CV845-031	1	<0.5	1.05	1.4	<0.5	0.65
CV845-032	1	<0.5	0.70	3.2	<0.5	0.41
CV845-033	<1	<0.5	0.68	0.6	<0.5	0.44
CV845-034	3	0.5	0.68	5.8	<0.5	0.38
*Std OREAS 753	144	19.9	<0.05	0.3	3.8	<0.05
*Std AMIS0341	83	686	0.05	5.3	41.6	<0.05
*Std OREAS 553	2	0.7	0.63	5.8	<0.5	0.29
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	92	740	0.05	5.0	42.1	<0.05
*Rep CV845-009	<1	<0.5	0.68	5.3	<0.5	0.42
*Std MAGRUDER210711	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 750	46	10.2	0.46	6.7	1.6	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

ANALYSIS REPORT BBM25-49024

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV845-001	0.38	<1	36.4	4.1	119	-
CV845-002	0.66	1	30.6	3.3	133	8
CV845-003	1.07	2	37.0	4.0	179	<5
CV845-004	1.43	2	37.9	4.0	178	8
CV845-005	1.52	2	38.2	4.3	185	-
CV845-006	1.47	2	35.2	3.7	208	7
CV845-007	0.62	1	17.4	1.9	90.1	5
CV845-008	0.65	16	20.5	2.2	94.9	-
CV845-009	2.03	<1	24.6	2.7	130	8
CV845-010	0.65	<1	17.2	1.8	69.4	-
CV845-011	0.39	4	47.1	4.9	141	<5
CV845-012	0.34	<1	3.3	0.4	29.9	-
CV845-013	0.35	1	38.1	4.0	124	-
CV845-014	0.30	23	35.2	3.6	105	12
CV845-015	0.34	2	38.1	4.1	119	10
CV845-016	0.38	1	38.2	4.1	134	8
CV845-017	0.35	1	35.1	3.9	117	11
CV845-018	7.27	6	12.2	1.1	105	-
CV845-019	0.42	5	35.8	4.0	126	7
CV845-020	0.20	2	37.7	3.9	129	-
CV845-021	0.34	2	40.3	4.4	123	-
CV845-022	1.18	1	58.5	6.1	250	9
CV845-023	1.46	1	97.0	11.1	341	-
CV845-024	0.27	2	35.0	3.8	142	-
CV845-025	1.35	3	88.3	10.0	385	-
CV845-026	0.18	<1	34.7	3.7	125	-
CV845-027	0.20	<1	23.9	2.6	77.8	6
CV845-028	0.27	2	37.7	4.5	127	-
CV845-029	0.69	1	25.3	2.8	117	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 07 May 2025

Order Number	CV25-845
Project	Corvette
Submission Number	Batch CDM-021
Number of Samples	34

ANALYSIS REPORT BBM25-49024

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV845-030	0.80	<1	29.4	3.3	140	-
CV845-031	0.27	<1	36.8	4.3	141	-
CV845-032	0.75	4	23.4	2.8	164	-
CV845-033	0.16	<1	25.9	2.9	83.4	-
CV845-034	1.50	5	22.8	2.5	179	26
*Std SL107	-	-	-	-	-	5020
*Blk BLANK	-	-	-	-	-	<5
*Std SN117	-	-	-	-	-	8630
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1340
*Std OREAS L14	-	-	-	-	-	3280
*Std SL107	-	-	-	-	-	5170
*Blk BLANK	-	-	-	-	-	11
*Std OREAS 753	6.33	6	0.8	<0.1	11.5	-
*Std AMIS0341	14.00	5	1.9	0.1	20.7	-
*Std OREAS 553	24.76	1	18.7	1.9	115	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std AMIS0341	13.32	5	2.0	0.1	22.5	-
*Rep CV845-009	1.42	<1	24.6	2.7	121	-
*Std MAGRUDER210711	0.58	<1	1.3	<0.1	9.1	-
*Std OREAS 750	4.96	6	14.2	1.3	107	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-852	Date Received	14 Apr 2025
Project	Corvette	Date Analysed	19 Apr 2025 - 06 May 2025
Submission Number	Batch CDM-025	Date Completed	13 May 2025
Number of Samples	47	SGS Order Number	BBM25-49029

Methods Summary

Number of Samples	Method Code	Description
47	G_WGH_KG	Weight of samples received
47	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
47	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
15	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV852-001	0.95	7.83	138	273	68	3.0
CV852-002	2.24	7.35	41	210	<5	5.2
CV852-003	1.10	7.54	44	203	67	4.0
CV852-004	3.03	7.61	241	267	21	3.9
CV852-005	-	7.71	258	284	13	4.0
CV852-006	4.73	7.88	78	242	<5	5.0
CV852-007	3.52	7.84	22	219	<5	5.8
CV852-008	2.40	6.28	19	319	<5	6.3
CV852-009	1.12	6.72	26	221	<5	4.6
CV852-010	3.37	8.01	33	314	<5	6.0
CV852-011	3.39	7.56	29	720	<5	1.4
CV852-012	0.51	0.15	<10	16	<5	<0.1
CV852-013	2.54	5.95	33	381	<5	1.4
CV852-014	2.91	5.68	18	585	<5	2.0
CV852-015	1.09	7.65	10	651	5	1.0
CV852-016	2.21	4.55	12	251	<5	1.2
CV852-017	1.10	5.78	17	682	<5	2.0
CV852-018	0.02	8.98	16	19	129	0.2
CV852-019	3.43	5.03	21	375	<5	2.1
CV852-020	3.43	6.75	29	343	<5	2.1
CV852-021	3.29	7.50	76	343	<5	1.9
CV852-022	3.10	9.37	20	499	<5	1.5
CV852-023	3.43	7.20	46	321	<5	1.8
CV852-024	3.33	7.89	64	912	<5	4.1
CV852-025	3.59	4.54	62	48	<5	7.8
CV852-026	3.42	8.45	21	505	<5	3.1
CV852-027	2.85	5.53	1355	250	<5	5.4
CV852-028	1.90	8.46	1013	335	<5	1.2
CV852-029	2.51	8.38	85	516	<5	1.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV852-030	-	8.30	64	488	<5	1.2
CV852-031	3.14	7.30	33	368	<5	1.1
CV852-032	3.49	2.53	25	339	<5	1.3
CV852-033	2.44	0.96	30	96	<5	2.5
CV852-034	3.42	1.97	28	126	<5	2.6
CV852-035	3.54	8.56	78	681	<5	5.8
CV852-036	3.33	7.93	57	233	<5	4.2
CV852-037	0.51	0.19	<10	17	<5	<0.1
CV852-038	2.09	8.15	15	56	<5	0.4
CV852-039	3.19	8.52	355	373	<5	3.4
CV852-040	2.09	7.52	721	63	<5	0.6
CV852-041	1.53	8.52	276	223	15	4.6
CV852-042	2.32	8.07	1202	52	7	0.7
CV852-043	0.02	8.65	28	432	110	0.9
CV852-044	2.16	7.93	999	32	7	0.7
CV852-045	2.93	7.85	371	35	<5	0.6
CV852-046	3.66	7.94	36	59	<5	0.6
CV852-047	3.86	7.73	257	54	6	0.5
*Dup CV852-039	-	8.42	374	347	5	3.2
*Rep CV852-004	-	7.68	240	272	23	4.0
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 149	-	8.16	33	2971	12	1.1
*Rep CV852-026	-	8.33	20	506	<5	3.1
*Std AMIS0355	-	8.49	17	38	180	0.5
*Std OREAS 753	-	8.47	14	20	115	0.2
*Std AMIS0341	-	8.50	431	158	207	0.6
*Std OREAS 553	-	2.94	311	315	<5	5.3
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV852-001	241	<10	4.39	2.0	47	1.71
CV852-002	222	31	7.92	1.6	56	2.52
CV852-003	206	20	4.98	3.1	29	1.65
CV852-004	283	17	6.74	2.3	68	2.49
CV852-005	277	18	7.05	2.3	104	2.62
CV852-006	307	30	8.24	1.5	62	3.06
CV852-007	292	39	8.09	1.3	57	2.86
CV852-008	445	186	9.53	1.3	11	2.42
CV852-009	423	69	5.42	1.3	31	3.39
CV852-010	508	86	6.73	1.1	54	4.26
CV852-011	263	23	2.66	1.8	43	0.48
CV852-012	402	<10	0.35	<0.1	<10	0.01
CV852-013	235	38	9.67	1.4	73	0.68
CV852-014	229	40	11.01	1.4	36	0.57
CV852-015	332	34	3.33	3.1	34	0.38
CV852-016	375	30	8.54	0.9	34	0.58
CV852-017	348	37	7.73	1.2	44	0.82
CV852-018	46	20	0.92	2.1	10090	0.02
CV852-019	209	33	13.93	1.2	52	0.90
CV852-020	211	36	9.93	2.1	78	1.17
CV852-021	221	35	7.76	2.2	89	1.17
CV852-022	359	76	5.30	2.8	95	1.02
CV852-023	386	67	8.84	1.6	107	1.76
CV852-024	251	35	4.15	2.5	55	1.58
CV852-025	1916	64	9.83	0.5	129	9.59
CV852-026	266	55	3.82	1.4	25	1.81
CV852-027	1939	<10	7.30	1.0	219	11.37
CV852-028	355	<10	2.78	0.9	84	1.96
CV852-029	213	33	6.61	2.5	140	1.36

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV852-030	251	35	6.19	2.4	135	1.29
CV852-031	218	12	6.47	2.3	91	1.10
CV852-032	252	61	21.54	2.0	17	1.00
CV852-033	194	51	>25.00	0.4	<10	1.34
CV852-034	177	33	19.99	0.5	36	1.71
CV852-035	181	20	5.95	3.1	144	2.47
CV852-036	269	17	6.15	1.3	153	3.14
CV852-037	331	<10	0.30	0.1	<10	0.02
CV852-038	299	11	0.58	4.2	10	0.13
CV852-039	318	<10	6.91	1.7	310	3.43
CV852-040	259	<10	0.77	3.3	22	0.19
CV852-041	283	<10	5.55	1.3	142	3.12
CV852-042	268	20	0.82	2.4	21	0.16
CV852-043	48	31	1.73	2.6	4669	0.31
CV852-044	239	46	1.02	1.5	22	0.14
CV852-045	250	<10	0.42	3.2	<10	0.05
CV852-046	316	<10	0.48	4.8	10	0.13
CV852-047	492	<10	0.65	3.0	17	0.15
*Dup CV852-039	302	<10	6.13	1.6	262	3.03
*Rep CV852-004	280	18	6.76	2.3	68	2.50
*Blk BLANK	<10	<10	0.01	<0.1	<10	<0.01
*Std OREAS 149	112	352	4.44	1.5	10140	0.58
*Rep CV852-026	262	54	3.78	1.4	26	1.79
*Std AMIS0355	296	339	1.31	1.4	7464	0.92
*Std OREAS 753	28	19	0.85	2.0	9550	0.02
*Std AMIS0341	423	57	0.91	2.8	4657	0.21
*Std OREAS 553	45	5738	1.23	0.8	97	5.33
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV852-001	1153	76	0.17	0.02	16	27.7
CV852-002	1878	130	0.25	0.28	24	23.9
CV852-003	1293	87	0.16	0.20	17	25.8
CV852-004	1549	104	0.21	0.14	20	26.4
CV852-005	1618	105	0.22	0.14	20	27.7
CV852-006	1711	149	0.26	0.39	23	25.6
CV852-007	2081	132	0.25	0.52	22	25.1
CV852-008	1367	127	0.08	2.29	20	26.0
CV852-009	895	140	0.12	0.97	19	29.3
CV852-010	1154	209	0.11	0.78	28	25.5
CV852-011	217	15	0.03	0.48	<5	>30.0
CV852-012	27	9	<0.01	<0.01	<5	>30.0
CV852-013	342	20	0.05	0.92	<5	>30.0
CV852-014	384	15	0.05	0.76	<5	>30.0
CV852-015	271	22	0.02	0.91	<5	>30.0
CV852-016	326	33	0.04	0.83	<5	>30.0
CV852-017	420	24	0.04	0.71	<5	>30.0
CV852-018	800	16	0.12	0.02	<5	>30.0
CV852-019	567	22	0.08	1.62	5	28.8
CV852-020	972	32	0.06	1.36	10	29.1
CV852-021	839	51	0.06	1.01	10	>30.0
CV852-022	559	91	0.07	1.10	18	28.0
CV852-023	875	76	0.06	1.55	13	29.2
CV852-024	974	53	0.05	0.24	14	28.9
CV852-025	1848	602	0.02	0.05	30	23.2
CV852-026	829	45	0.08	0.63	14	29.6
CV852-027	1366	711	0.09	<0.01	24	22.6
CV852-028	520	79	0.07	0.01	12	>30.0
CV852-029	726	54	0.06	0.18	15	29.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV852-030	697	55	0.06	0.26	15	30.0
CV852-031	483	38	0.05	0.56	12	25.4
CV852-032	965	32	0.10	8.00	<5	24.3
CV852-033	1081	31	0.10	8.11	<5	24.1
CV852-034	1414	31	0.12	4.84	<5	25.3
CV852-035	1381	71	0.08	0.04	18	27.9
CV852-036	1428	129	0.07	0.01	18	26.6
CV852-037	24	8	<0.01	<0.01	<5	>30.0
CV852-038	221	9	<0.01	0.04	7	>30.0
CV852-039	1450	152	0.06	<0.01	24	27.5
CV852-040	261	14	<0.01	0.02	6	>30.0
CV852-041	1504	135	0.08	<0.01	17	26.3
CV852-042	511	10	<0.01	0.02	8	>30.0
CV852-043	694	18	0.13	0.07	<5	>30.0
CV852-044	866	9	<0.01	0.06	10	>30.0
CV852-045	491	7	<0.01	<0.01	<5	>30.0
CV852-046	138	11	<0.01	0.02	<5	>30.0
CV852-047	147	11	<0.01	0.01	<5	>30.0
*Dup CV852-039	1299	133	0.06	<0.01	22	27.6
*Rep CV852-004	1566	104	0.21	0.15	20	26.1
*Blk BLANK	<10	12	<0.01	<0.01	<5	<0.1
*Std OREAS 149	476	38	0.11	0.03	8	>30.0
*Rep CV852-026	825	47	0.08	0.61	14	28.9
*Std AMIS0355	1062	167	0.04	0.05	<5	>30.0
*Std OREAS 753	738	16	0.11	0.01	<5	>30.0
*Std AMIS0341	1659	23	0.28	0.02	<5	28.8
*Std OREAS 553	1568	26	0.05	0.27	7	26.4
*Blk BLANK	<10	5	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-001	202	0.73	98	101	<1	<5
CV852-002	277	1.50	204	113	<1	<5
CV852-003	148	0.95	129	83	<1	<5
CV852-004	243	1.18	163	113	<1	<5
CV852-005	252	1.23	165	115	<1	<5
CV852-006	354	1.37	197	133	<1	5
CV852-007	384	1.24	181	131	<1	<5
CV852-008	361	0.35	157	158	<1	<5
CV852-009	322	0.49	139	79	<1	<5
CV852-010	315	0.63	177	89	<1	<5
CV852-011	380	0.15	32	82	<1	<5
CV852-012	<10	0.01	7	6	<1	<5
CV852-013	304	0.14	38	78	<1	<5
CV852-014	247	0.12	38	83	<1	<5
CV852-015	281	0.11	24	69	<1	<5
CV852-016	247	0.10	36	70	<1	<5
CV852-017	520	0.13	40	67	<1	<5
CV852-018	33	<0.01	<5	94	<1	5
CV852-019	224	0.16	44	76	<1	<5
CV852-020	212	0.26	75	76	<1	<5
CV852-021	225	0.28	76	64	<1	<5
CV852-022	181	0.50	130	165	<1	<5
CV852-023	168	0.35	100	72	<1	<5
CV852-024	243	0.38	99	75	<1	<5
CV852-025	24	0.31	202	166	<1	21
CV852-026	308	0.41	104	109	<1	<5
CV852-027	158	0.33	162	87	<1	12
CV852-028	553	0.37	75	47	<1	<5
CV852-029	218	0.38	109	85	<1	11

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-030	220	0.38	106	118	<1	12
CV852-031	166	0.33	88	43	<1	15
CV852-032	113	0.07	22	21	<1	<5
CV852-033	62	0.03	15	18	<1	<5
CV852-034	99	0.05	32	34	<1	8
CV852-035	210	0.45	153	93	<1	<5
CV852-036	234	0.38	131	96	<1	<5
CV852-037	<10	0.01	6	<5	<1	<5
CV852-038	41	0.01	6	62	<1	<5
CV852-039	299	0.42	168	123	<1	<5
CV852-040	55	0.02	8	89	<1	<5
CV852-041	317	0.33	124	125	<1	<5
CV852-042	52	0.03	10	57	<1	<5
CV852-043	89	0.15	28	99	<1	10
CV852-044	39	0.02	7	248	<1	<5
CV852-045	32	<0.01	<5	17	<1	<5
CV852-046	39	<0.01	<5	42	<1	<5
CV852-047	43	0.01	9	40	<1	<5
*Dup CV852-039	325	0.39	153	106	<1	<5
*Rep CV852-004	245	1.18	162	112	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 149	236	0.39	79	369	<1	139
*Rep CV852-026	306	0.41	105	107	<1	<5
*Std AMIS0355	59	0.04	19	93	<1	<5
*Std OREAS 753	31	<0.01	<5	84	<1	<5
*Std AMIS0341	68	0.01	6	107	<1	22
*Std OREAS 553	58	0.20	74	49	<1	7
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-001	1.8	<0.2	62.7	19.6	70.2	3.80
CV852-002	0.5	<0.2	90.7	39.9	53.5	6.40
CV852-003	7.0	<0.2	62.9	23.9	254	4.84
CV852-004	0.6	<0.2	67.8	29.2	117	5.03
CV852-005	1.0	<0.2	77.0	29.9	113	5.54
CV852-006	0.5	<0.2	86.2	37.1	199	6.02
CV852-007	0.2	<0.2	82.6	32.1	67.8	5.46
CV852-008	0.3	<0.2	21.4	33.3	6.8	2.23
CV852-009	<0.1	<0.2	49.0	30.6	2.7	2.99
CV852-010	<0.1	<0.2	34.8	37.0	2.7	3.79
CV852-011	0.1	0.2	17.2	6.4	3.6	0.85
CV852-012	<0.1	<0.2	2.8	0.8	0.2	0.35
CV852-013	0.3	<0.2	17.9	7.8	43.3	1.20
CV852-014	0.3	<0.2	16.0	6.9	29.2	0.91
CV852-015	0.3	<0.2	15.1	4.6	36.1	0.91
CV852-016	0.2	<0.2	13.4	4.3	51.5	0.79
CV852-017	0.3	<0.2	18.7	6.6	15.0	0.95
CV852-018	2.5	1.6	0.7	0.9	59.8	0.15
CV852-019	0.5	<0.2	21.3	8.1	25.9	1.53
CV852-020	0.3	<0.2	27.5	12.4	7.0	1.99
CV852-021	0.5	<0.2	28.8	12.9	6.6	1.97
CV852-022	0.7	0.4	44.0	24.1	5.5	3.17
CV852-023	0.8	<0.2	33.5	23.7	6.2	2.60
CV852-024	0.2	<0.2	34.2	19.2	2.7	2.95
CV852-025	1.2	<0.2	5.1	89.7	2.6	1.93
CV852-026	0.7	0.2	34.0	19.1	1.6	2.56
CV852-027	0.2	<0.2	20.7	67.2	4.7	2.27
CV852-028	1.9	<0.2	29.8	16.0	2.8	2.60
CV852-029	0.3	<0.2	25.6	16.2	12.4	2.25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

Order Number CV25-852
Project Corvette
Submission Number Batch CDM-025
Number of Samples 47

ANALYSIS REPORT BBM25-49029

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-030	0.3	0.2	24.0	16.5	12.4	2.26
CV852-031	0.2	<0.2	23.9	12.9	8.3	2.03
CV852-032	2.0	<0.2	17.1	6.2	73.2	1.58
CV852-033	2.3	<0.2	9.6	4.4	75.6	1.63
CV852-034	1.1	<0.2	16.5	10.3	77.2	2.11
CV852-035	0.2	<0.2	30.8	28.6	12.0	2.94
CV852-036	0.2	<0.2	28.9	30.4	5.9	2.40
CV852-037	<0.1	<0.2	3.2	0.6	0.2	0.35
CV852-038	0.4	0.2	17.8	0.9	35.1	2.63
CV852-039	0.2	<0.2	27.2	37.5	12.9	2.57
CV852-040	0.5	<0.2	9.0	1.6	31.7	1.15
CV852-041	0.2	0.3	26.3	29.3	10.7	2.57
CV852-042	0.7	<0.2	9.5	1.4	16.7	1.99
CV852-043	2.0	1.0	29.2	4.0	48.2	2.46
CV852-044	2.3	0.7	16.0	0.9	10.5	3.07
CV852-045	1.1	<0.2	14.9	<0.5	23.6	2.37
CV852-046	3.8	<0.2	6.6	0.8	34.2	1.58
CV852-047	5.3	<0.2	14.5	1.2	19.8	4.02
*Dup CV852-039	0.1	0.2	23.4	35.3	12.5	2.45
*Rep CV852-004	0.7	<0.2	67.8	29.2	120	5.13
*Blk BLANK	<0.1	<0.2	0.1	<0.5	<0.1	<0.05
*Std OREAS 149	48.4	2.0	382	7.4	316	4.62
*Rep CV852-026	0.6	<0.2	31.9	18.8	1.6	2.55
*Std AMIS0355	1.1	<0.2	5.6	55.2	278	1.03
*Std OREAS 753	2.4	1.4	1.0	0.9	65.3	0.17
*Std AMIS0341	24.2	<0.2	1.1	3.4	490	0.29
*Std OREAS 553	2.7	0.2	55.1	6117	1.0	3.79
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-001	1.71	1.64	47	5.90	4	5
CV852-002	3.05	2.84	23	8.73	2	6
CV852-003	2.12	1.89	42	7.59	5	6
CV852-004	2.16	2.26	32	5.54	4	7
CV852-005	2.44	2.39	33	6.52	4	7
CV852-006	2.80	2.72	22	6.45	2	6
CV852-007	2.59	2.56	20	6.05	2	6
CV852-008	1.38	0.84	14	1.87	3	2
CV852-009	1.55	1.35	14	3.16	1	3
CV852-010	2.13	1.18	17	3.08	2	3
CV852-011	0.46	0.39	17	0.90	1	2
CV852-012	0.25	<0.05	<1	0.23	1	<1
CV852-013	0.70	0.53	17	1.09	3	2
CV852-014	0.57	0.47	17	0.91	4	2
CV852-015	0.50	0.31	24	0.82	2	2
CV852-016	0.41	0.40	13	0.73	2	1
CV852-017	0.53	0.46	13	1.03	2	2
CV852-018	0.05	<0.05	16	0.12	7	1
CV852-019	0.95	0.78	12	1.33	4	2
CV852-020	1.07	0.82	16	1.73	3	3
CV852-021	1.22	0.84	17	1.65	2	3
CV852-022	1.87	1.20	22	2.87	1	4
CV852-023	1.57	0.94	18	2.21	2	3
CV852-024	1.69	0.84	17	2.39	2	4
CV852-025	1.10	0.46	14	1.35	3	<1
CV852-026	1.41	0.94	18	2.31	2	3
CV852-027	1.30	0.77	14	2.06	2	2
CV852-028	1.47	0.89	15	2.15	1	4
CV852-029	1.25	0.85	18	1.89	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-030	1.26	0.83	18	1.77	1	3
CV852-031	1.25	0.88	14	1.73	2	3
CV852-032	1.06	0.80	5	1.36	2	<1
CV852-033	1.17	0.80	3	1.38	4	<1
CV852-034	1.39	0.97	7	1.81	5	<1
CV852-035	1.66	1.09	18	2.65	2	3
CV852-036	1.34	0.87	20	2.11	2	3
CV852-037	0.23	0.05	<1	0.23	1	<1
CV852-038	1.74	0.20	31	2.17	3	5
CV852-039	1.48	0.82	26	2.30	3	3
CV852-040	0.62	0.11	33	1.02	3	2
CV852-041	1.41	0.90	32	2.37	4	2
CV852-042	1.30	0.10	37	1.54	3	5
CV852-043	1.23	0.59	20	2.29	5	4
CV852-044	2.48	0.09	36	2.07	3	5
CV852-045	1.82	0.08	27	1.84	3	6
CV852-046	1.12	0.13	27	1.28	2	2
CV852-047	2.83	0.31	28	3.23	2	3
*Dup CV852-039	1.49	0.82	26	2.22	3	2
*Rep CV852-004	2.28	2.28	33	5.60	4	6
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 149	1.67	4.18	44	7.17	6	5
*Rep CV852-026	1.41	0.92	18	2.22	2	3
*Std AMIS0355	0.24	0.08	79	1.09	7	4
*Std OREAS 753	<0.05	<0.05	16	0.13	6	1
*Std AMIS0341	0.14	<0.05	43	0.24	9	3
*Std OREAS 553	1.99	0.90	8	4.37	1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-001	0.68	<0.2	25.0	0.23	10	32
CV852-002	1.14	<0.2	34.3	0.33	14	20
CV852-003	0.77	<0.2	23.2	0.26	7	38
CV852-004	0.87	<0.2	28.9	0.28	8	27
CV852-005	0.95	<0.2	32.7	0.29	8	46
CV852-006	1.05	<0.2	37.9	0.33	6	20
CV852-007	0.99	<0.2	36.7	0.28	7	18
CV852-008	0.46	<0.2	11.2	0.20	3	3
CV852-009	0.57	<0.2	25.3	0.22	<2	6
CV852-010	0.72	<0.2	16.9	0.29	4	7
CV852-011	0.16	<0.2	9.9	0.07	<2	2
CV852-012	0.08	<0.2	1.7	<0.05	<2	<1
CV852-013	0.23	<0.2	10.2	0.11	3	6
CV852-014	0.18	<0.2	9.2	0.09	<2	4
CV852-015	0.17	<0.2	8.4	0.10	<2	24
CV852-016	0.15	<0.2	7.6	0.06	3	5
CV852-017	0.18	<0.2	10.5	0.08	<2	3
CV852-018	<0.05	<0.2	0.4	<0.05	3	36
CV852-019	0.30	<0.2	12.2	0.14	5	3
CV852-020	0.38	<0.2	15.4	0.16	6	4
CV852-021	0.40	<0.2	16.3	0.18	8	4
CV852-022	0.62	<0.2	23.7	0.25	2	10
CV852-023	0.53	<0.2	19.0	0.24	5	5
CV852-024	0.58	<0.2	19.0	0.26	<2	5
CV852-025	0.40	<0.2	2.4	0.16	4	1
CV852-026	0.51	<0.2	18.1	0.21	<2	5
CV852-027	0.46	<0.2	10.3	0.18	<2	3
CV852-028	0.51	<0.2	16.6	0.22	<2	5
CV852-029	0.45	<0.2	13.7	0.19	<2	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-030	0.45	<0.2	12.7	0.19	<2	5
CV852-031	0.42	<0.2	12.8	0.18	<2	4
CV852-032	0.35	<0.2	9.9	0.14	<2	1
CV852-033	0.36	<0.2	5.5	0.18	2	<1
CV852-034	0.45	<0.2	9.6	0.19	<2	<1
CV852-035	0.58	<0.2	15.3	0.24	<2	3
CV852-036	0.43	<0.2	15.0	0.20	<2	5
CV852-037	0.08	<0.2	1.8	<0.05	<2	<1
CV852-038	0.50	<0.2	7.4	0.60	<2	129
CV852-039	0.51	<0.2	14.0	0.22	<2	11
CV852-040	0.20	<0.2	3.9	0.18	<2	43
CV852-041	0.50	<0.2	13.2	0.22	6	24
CV852-042	0.38	<0.2	4.4	0.51	<2	156
CV852-043	0.44	<0.2	15.9	0.15	3	42
CV852-044	0.67	<0.2	6.7	1.24	<2	147
CV852-045	0.49	<0.2	6.1	0.85	<2	117
CV852-046	0.31	<0.2	3.3	0.45	<2	61
CV852-047	0.83	<0.2	6.1	0.94	<2	153
*Dup CV852-039	0.50	<0.2	12.2	0.23	<2	11
*Rep CV852-004	0.87	<0.2	29.2	0.28	8	28
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 149	0.72	11.1	255	0.19	10	5647
*Rep CV852-026	0.48	<0.2	17.4	0.20	<2	5
*Std AMIS0355	0.10	<0.2	3.3	<0.05	<2	55
*Std OREAS 753	<0.05	<0.2	0.5	<0.05	3	36
*Std AMIS0341	0.05	<0.2	0.7	<0.05	3	113
*Std OREAS 553	0.74	<0.2	32.8	0.28	2	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-001	34.5	35	8.33	268	0.6	7.3
CV852-002	53.4	13	12.40	123	1.3	10.4
CV852-003	39.2	59	8.87	1077	1.0	9.2
CV852-004	42.7	22	10.05	356	3.3	8.7
CV852-005	49.2	25	11.65	339	3.6	10.0
CV852-006	53.0	15	12.61	142	5.1	10.5
CV852-007	49.2	6	11.94	69.4	2.7	9.2
CV852-008	11.7	20	2.89	42.1	0.7	2.4
CV852-009	27.2	5	6.65	60.1	0.1	4.9
CV852-010	20.2	<5	4.87	44.7	0.2	4.1
CV852-011	7.9	16	2.11	47.0	<0.1	1.3
CV852-012	1.4	<5	0.38	1.7	0.2	0.3
CV852-013	8.4	15	2.25	124	<0.1	1.5
CV852-014	7.4	13	1.96	101	<0.1	1.3
CV852-015	7.1	64	1.91	353	<0.1	1.4
CV852-016	6.5	9	1.70	129	<0.1	1.1
CV852-017	9.0	11	2.32	62.9	<0.1	1.5
CV852-018	0.3	11	0.09	614	0.3	0.2
CV852-019	10.5	12	2.70	62.6	<0.1	2.0
CV852-020	13.5	9	3.45	107	<0.1	2.2
CV852-021	13.6	8	3.57	103	<0.1	2.5
CV852-022	22.0	34	5.69	130	<0.1	4.2
CV852-023	16.4	10	4.21	94.5	0.2	3.1
CV852-024	16.3	6	4.27	85.0	0.1	3.3
CV852-025	3.8	<5	0.80	17.7	<0.1	1.3
CV852-026	17.1	6	4.41	41.7	0.3	3.3
CV852-027	12.6	<5	2.94	49.3	<0.1	2.8
CV852-028	14.2	7	3.70	39.1	<0.1	2.9
CV852-029	12.8	<5	3.25	137	<0.1	2.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-030	12.1	<5	3.11	134	<0.1	2.4
CV852-031	11.5	<5	2.97	109	<0.1	2.3
CV852-032	8.5	6	2.11	99.6	<0.1	1.6
CV852-033	5.6	<5	1.28	42.8	<0.1	1.3
CV852-034	8.5	16	2.11	45.3	0.5	1.9
CV852-035	18.7	8	4.39	190	<0.1	3.8
CV852-036	16.4	18	3.95	111	<0.1	3.1
CV852-037	1.4	<5	0.38	2.5	0.2	0.3
CV852-038	11.3	312	2.78	837	<0.1	3.0
CV852-039	15.9	21	3.75	220	<0.1	3.3
CV852-040	5.7	172	1.41	648	<0.1	1.5
CV852-041	15.7	20	3.71	163	<0.1	3.4
CV852-042	6.0	123	1.45	421	<0.1	1.7
CV852-043	14.8	21	3.76	507	0.7	3.1
CV852-044	10.1	422	2.48	245	<0.1	2.6
CV852-045	9.3	98	2.28	528	<0.1	2.5
CV852-046	4.8	216	1.08	826	<0.1	1.4
CV852-047	11.3	112	2.42	468	<0.1	3.7
*Dup CV852-039	14.3	22	3.37	229	<0.1	3.0
*Rep CV852-004	42.9	23	10.15	370	3.4	8.7
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1
*Std OREAS 149	143	36	47.15	755	28.6	18.1
*Rep CV852-026	16.8	7	4.13	41.5	0.3	3.1
*Std AMIS0355	2.4	8	0.68	3943	0.4	1.3
*Std OREAS 753	0.3	12	0.10	610	0.3	0.2
*Std AMIS0341	0.6	14	0.12	3789	11.2	0.2
*Std OREAS 553	25.0	14	6.51	25.6	0.4	4.6
*Blk BLANK	<0.1	<5	<0.05	0.2	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-001	9	94.0	0.74	3.7	1.1	0.23
CV852-002	4	4.8	1.18	2.4	0.7	0.41
CV852-003	16	147	0.96	3.9	4.6	0.29
CV852-004	9	73.7	0.96	4.0	1.4	0.30
CV852-005	19	77.0	1.06	5.0	1.4	0.33
CV852-006	3	12.7	1.08	2.7	0.9	0.36
CV852-007	2	1.5	1.03	2.6	<0.5	0.35
CV852-008	1	<0.5	0.35	1.4	<0.5	0.21
CV852-009	<1	<0.5	0.53	3.2	<0.5	0.22
CV852-010	<1	<0.5	0.59	1.8	<0.5	0.30
CV852-011	<1	<0.5	0.15	1.6	<0.5	0.06
CV852-012	<1	<0.5	0.05	0.8	<0.5	<0.05
CV852-013	2	3.4	0.20	2.1	0.8	0.11
CV852-014	2	<0.5	0.16	1.4	<0.5	0.08
CV852-015	2	10.2	0.16	2.1	1.8	0.09
CV852-016	3	<0.5	0.13	1.2	0.8	0.07
CV852-017	1	<0.5	0.16	2.0	<0.5	0.08
CV852-018	140	22.2	<0.05	0.2	4.0	<0.05
CV852-019	1	<0.5	0.24	1.9	<0.5	0.15
CV852-020	<1	<0.5	0.31	3.0	0.5	0.16
CV852-021	<1	<0.5	0.31	3.5	<0.5	0.18
CV852-022	2	0.8	0.53	3.9	0.7	0.26
CV852-023	1	<0.5	0.44	3.6	0.5	0.23
CV852-024	1	<0.5	0.48	3.9	<0.5	0.26
CV852-025	<1	<0.5	0.28	0.2	<0.5	0.16
CV852-026	<1	<0.5	0.42	3.0	<0.5	0.21
CV852-027	<1	<0.5	0.37	2.0	<0.5	0.19
CV852-028	1	0.7	0.42	3.2	<0.5	0.22
CV852-029	<1	<0.5	0.36	3.7	0.7	0.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV852-030	<1	<0.5	0.35	3.4	0.7	0.19
CV852-031	<1	<0.5	0.36	2.5	0.7	0.18
CV852-032	<1	<0.5	0.24	1.1	<0.5	0.15
CV852-033	<1	<0.5	0.24	0.4	<0.5	0.17
CV852-034	<1	<0.5	0.32	1.0	<0.5	0.20
CV852-035	<1	<0.5	0.47	1.8	1.0	0.24
CV852-036	1	0.8	0.39	1.7	0.5	0.19
CV852-037	<1	<0.5	0.05	0.7	<0.5	<0.05
CV852-038	<1	50.3	0.40	12.4	3.8	0.35
CV852-039	3	2.2	0.42	1.9	1.2	0.23
CV852-040	<1	18.1	0.21	3.6	3.4	0.12
CV852-041	4	14.3	0.43	1.9	0.8	0.21
CV852-042	<1	54.4	0.32	7.4	2.3	0.26
CV852-043	170	31.5	0.43	6.0	3.1	0.17
CV852-044	<1	42.3	0.45	11.5	1.3	0.63
CV852-045	<1	24.1	0.37	9.5	2.9	0.40
CV852-046	<1	11.1	0.25	5.4	4.5	0.25
CV852-047	<1	29.9	0.69	9.1	2.6	0.58
*Dup CV852-039	3	2.5	0.40	1.6	1.2	0.22
*Rep CV852-004	8	71.8	0.96	3.1	1.4	0.30
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 149	3018	28.6	0.99	105	7.2	0.22
*Rep CV852-026	<1	<0.5	0.41	2.7	<0.5	0.21
*Std AMIS0355	529	270	0.28	5.3	32.0	<0.05
*Std OREAS 753	144	19.9	<0.05	0.3	3.8	<0.05
*Std AMIS0341	83	686	0.05	5.3	41.6	<0.05
*Std OREAS 553	2	0.7	0.63	5.8	<0.5	0.29
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV852-001	2.74	3	20.8	1.6	155	-
CV852-002	0.73	5	29.0	2.5	256	-
CV852-003	2.86	4	26.2	1.8	161	-
CV852-004	2.11	5	25.3	1.9	160	-
CV852-005	2.19	4	27.4	2.1	167	-
CV852-006	0.92	4	27.3	2.3	203	-
CV852-007	0.65	2	25.1	2.2	196	-
CV852-008	0.55	12	12.4	1.3	51.3	5
CV852-009	0.83	<1	14.8	1.5	99.2	<5
CV852-010	0.46	<1	19.1	1.9	103	-
CV852-011	0.70	<1	4.4	0.4	66.0	-
CV852-012	0.29	<1	2.1	0.3	20.7	-
CV852-013	0.76	<1	7.2	0.7	56.9	<5
CV852-014	0.56	<1	6.1	0.6	52.8	<5
CV852-015	1.22	<1	7.3	0.7	55.6	-
CV852-016	0.45	<1	4.6	0.4	40.2	<5
CV852-017	0.91	<1	5.5	0.5	57.9	<5
CV852-018	6.15	6	0.7	<0.1	9.2	-
CV852-019	0.64	<1	9.2	0.9	57.7	<5
CV852-020	0.83	<1	11.0	1.1	81.8	<5
CV852-021	1.03	3	11.1	1.2	100	-
CV852-022	1.15	4	16.9	1.7	121	<5
CV852-023	0.94	2	14.6	1.5	102	<5
CV852-024	0.97	17	15.4	1.6	121	-
CV852-025	0.14	16	10.3	1.1	25.8	-
CV852-026	0.94	1	13.3	1.4	100.0	-
CV852-027	0.50	<1	12.0	1.3	54.5	-
CV852-028	0.87	4	13.5	1.4	119	-
CV852-029	1.02	5	11.8	1.3	102	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

Order Number CV25-852
Project Corvette
Submission Number Batch CDM-025
Number of Samples 47

ANALYSIS REPORT BBM25-49029

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV852-030	0.95	4	11.7	1.3	100	-
CV852-031	0.67	13	11.2	1.2	84.8	<5
CV852-032	0.34	2	11.5	1.0	30.8	13
CV852-033	0.14	<1	12.1	1.2	7.9	10
CV852-034	0.36	2	14.5	1.2	21.5	13
CV852-035	0.49	2	15.0	1.6	79.6	-
CV852-036	0.77	33	13.0	1.3	79.9	-
CV852-037	0.26	<1	2.0	0.2	17.8	-
CV852-038	10.41	1	31.2	3.3	32.5	-
CV852-039	1.15	1	15.2	1.5	79.5	-
CV852-040	4.69	1	11.4	1.1	10.5	-
CV852-041	1.12	9	14.9	1.4	69.7	-
CV852-042	12.13	2	22.0	2.7	34.3	-
CV852-043	7.02	7	12.2	1.1	98.2	-
CV852-044	17.91	2	36.1	6.2	38.1	-
CV852-045	14.01	2	24.7	4.3	47.1	-
CV852-046	13.24	<1	15.9	2.4	18.4	-
CV852-047	23.88	2	37.9	5.1	26.8	-
*Dup CV852-039	1.01	1	15.0	1.5	76.6	-
*Rep CV852-004	2.06	7	25.2	2.0	162	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.6	-
*Std OREAS 149	23.20	13	16.7	1.3	134	-
*Rep CV852-026	0.90	1	12.9	1.3	100	-
*Std AMIS0355	6.69	2	5.0	0.3	23.1	-
*Std OREAS 753	6.33	6	0.8	<0.1	11.5	-
*Std AMIS0341	14.00	5	1.9	0.1	20.7	-
*Std OREAS 553	24.76	1	18.7	1.9	115	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS L14	-	-	-	-	-	3280

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 13 May 2025

ANALYSIS REPORT BBM25-49029

Order Number	CV25-852
Project	Corvette
Submission Number	Batch CDM-025
Number of Samples	47

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Rep CV852-031	-	-	-	-	-	<5
*Std SL107	-	-	-	-	-	5170
*Blk BLANK	-	-	-	-	-	11

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-853	Date Received	18 Apr 2025
Project	Corvette	Date Analysed	26 Apr 2025 - 12 May 2025
Submission Number	Batch CDM-026	Date Completed	12 May 2025
Number of Samples	27	SGS Order Number	BBM25-49141

Methods Summary

Number of Samples	Method Code	Description
27	G_WGH_KG	Weight of samples received
27	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
27	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
8	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV853-001	1.14	7.72	401	263	<5	3.2
CV853-002	3.51	5.00	24	237	<5	7.9
CV853-003	3.45	3.58	17	99	<5	2.9
CV853-004	3.34	6.67	1194	493	<5	2.9
CV853-005	-	6.70	1200	497	<5	2.9
CV853-006	3.32	7.16	13	130	<5	7.4
CV853-007	3.51	1.62	23	<10	<5	2.5
CV853-008	3.52	1.89	30	<10	<5	1.1
CV853-009	1.11	4.99	1344	314	<5	0.3
CV853-010	3.24	3.75	288	160	<5	0.6
CV853-011	3.51	1.81	33	<10	<5	1.6
CV853-012	0.51	0.15	<10	16	<5	<0.1
CV853-013	3.26	3.46	125	135	<5	0.2
CV853-014	3.60	6.95	15	168	<5	6.1
CV853-015	1.15	4.60	12	93	<5	3.7
CV853-016	3.22	7.36	11	269	<5	1.6
CV853-017	3.35	7.88	13	339	<5	2.7
CV853-018	0.02	8.29	24	56	157	0.2
CV853-019	3.59	6.79	134	222	<5	6.8
CV853-020	3.32	6.06	126	87	<5	4.3
CV853-021	3.38	7.76	11	297	<5	2.5
CV853-022	3.61	6.60	17	170	<5	4.1
CV853-023	2.62	6.99	30	489	<5	4.2
CV853-024	3.63	6.99	28	255	<5	2.9
CV853-025	3.56	7.79	117	198	<5	6.6
CV853-026	3.23	3.42	20	<10	<5	3.9
CV853-027	3.41	6.88	103	157	<5	5.9
*Std OREAS 753	-	8.40	16	18	120	<0.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Std OREAS 554	-	4.20	170	1271	<5	3.8
*Rep CV853-016	-	7.21	<10	277	<5	1.6
*Rep CV853-017	-	7.93	14	339	<5	2.7
*Std AMIS0355	-	8.10	14	37	168	0.5

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV853-001	244	177	5.62	0.9	57	2.43
CV853-002	1200	63	7.92	0.7	18	6.96
CV853-003	3177	75	6.27	0.4	15	14.33
CV853-004	1462	219	8.22	1.4	68	6.20
CV853-005	1471	224	8.30	1.4	69	6.21
CV853-006	330	82	9.70	0.5	17	4.99
CV853-007	3162	26	5.00	<0.1	<10	16.89
CV853-008	3200	<10	5.48	<0.1	<10	19.54
CV853-009	395	69	2.82	1.6	39	2.10
CV853-010	444	30	1.81	1.4	29	1.10
CV853-011	2838	29	5.38	<0.1	<10	17.93
CV853-012	480	<10	0.47	<0.1	<10	0.03
CV853-013	384	17	1.59	1.1	23	1.01
CV853-014	337	62	10.45	0.7	19	3.29
CV853-015	306	90	6.67	0.4	<10	1.93
CV853-016	219	14	2.01	0.6	21	0.47
CV853-017	322	38	6.25	1.0	32	2.11
CV853-018	26	36	0.85	2.0	7044	0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV853-019	520	90	7.74	0.7	34	5.00
CV853-020	240	153	10.51	0.6	106	3.74
CV853-021	352	64	6.39	1.4	55	1.64
CV853-022	247	128	12.76	1.1	35	2.62
CV853-023	282	126	7.52	1.4	41	2.09
CV853-024	241	124	12.52	1.6	46	2.21
CV853-025	300	119	7.05	0.9	24	3.78
CV853-026	2591	19	6.72	<0.1	<10	15.84
CV853-027	588	132	7.53	0.9	57	4.28
*Std OREAS 753	26	18	0.86	1.9	10130	0.01
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 554	57	>10000	1.72	1.6	34	3.10
*Rep CV853-016	230	12	2.06	0.6	21	0.47
*Rep CV853-017	340	39	6.37	1.0	32	2.12
*Std AMIS0355	284	336	1.26	1.4	7747	0.89

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV853-001	660	67	0.09	0.63	20	27.7
CV853-002	1743	219	0.04	0.38	41	23.9
CV853-003	1022	1309	0.03	0.70	17	22.5
CV853-004	859	421	0.01	1.83	22	23.7
CV853-005	863	422	0.02	1.83	22	24.3
CV853-006	1680	103	0.03	0.10	41	25.3
CV853-007	1035	1793	<0.01	0.26	12	15.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV853-008	899	1928	<0.01	0.09	14	18.5
CV853-009	313	40	<0.01	0.94	6	>30.0
CV853-010	272	21	<0.01	0.49	<5	>30.0
CV853-011	1000	1801	<0.01	0.25	13	18.4
CV853-012	62	13	<0.01	<0.01	<5	>30.0
CV853-013	111	18	<0.01	0.30	<5	>30.0
CV853-014	3029	77	0.06	0.31	41	23.5
CV853-015	1899	36	0.03	0.30	29	27.7
CV853-016	514	8	0.04	0.05	6	>30.0
CV853-017	1104	82	0.05	0.18	22	28.7
CV853-018	800	15	0.14	0.04	<5	>30.0
CV853-019	1403	138	0.03	0.34	38	22.6
CV853-020	2303	64	0.07	1.26	36	24.7
CV853-021	1113	81	0.06	0.67	21	27.4
CV853-022	3227	59	0.08	1.79	41	22.0
CV853-023	2317	57	0.05	1.59	23	25.6
CV853-024	3669	63	0.09	1.98	42	23.4
CV853-025	1847	126	0.03	0.17	48	24.8
CV853-026	1180	1159	<0.01	0.41	24	21.4
CV853-027	1663	194	0.05	0.45	33	24.6
*Std OREAS 753	756	15	0.11	0.01	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 554	1081	31	0.03	0.73	8	25.6
*Rep CV853-016	524	9	0.04	0.05	6	>30.0
*Rep CV853-017	1121	88	0.06	0.20	22	29.1
*Std AMIS0355	1037	155	0.04	0.04	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-001	192	0.49	147	67	<1	<5
CV853-002	159	0.36	230	103	<1	<5
CV853-003	131	0.14	99	75	<1	13
CV853-004	155	0.21	113	82	<1	<5
CV853-005	155	0.21	114	84	<1	<5
CV853-006	148	0.50	292	93	<1	<5
CV853-007	22	0.05	52	61	<1	18
CV853-008	29	0.05	57	51	<1	1557
CV853-009	55	0.17	48	52	<1	10
CV853-010	32	0.12	32	33	<1	8
CV853-011	14	0.06	58	50	<1	233
CV853-012	<10	<0.01	5	6	<1	<5
CV853-013	19	0.10	23	19	<1	<5
CV853-014	100	0.83	255	105	<1	5
CV853-015	89	0.48	225	69	<1	<5
CV853-016	176	0.20	32	40	<1	<5
CV853-017	259	0.38	143	74	<1	<5
CV853-018	37	0.02	<5	94	<1	13
CV853-019	176	0.41	247	79	<1	<5
CV853-020	76	0.87	233	208	<1	<5
CV853-021	218	0.36	139	73	<1	<5
CV853-022	91	0.95	355	118	<1	<5
CV853-023	506	0.40	184	103	<1	<5
CV853-024	108	0.91	338	167	<1	<5
CV853-025	141	0.44	282	133	<1	<5
CV853-026	13	0.12	114	66	<1	8
CV853-027	130	0.45	204	242	<1	<5
*Std OREAS 753	27	<0.01	<5	87	<1	5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

ANALYSIS REPORT BBM25-49141

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 554	65	0.22	118	54	<1	63
*Rep CV853-016	178	0.19	32	44	<1	<5
*Rep CV853-017	262	0.38	146	74	<1	<5
*Std AMIS0355	53	0.04	16	88	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-001	<0.1	<0.2	35.1	31.7	3.5	3.07
CV853-002	<0.1	<0.2	12.1	54.2	2.6	2.45
CV853-003	<0.1	<0.2	11.8	89.3	3.0	1.37
CV853-004	0.1	<0.2	21.8	70.2	9.2	1.76
CV853-005	0.2	<0.2	20.4	69.7	9.6	1.61
CV853-006	<0.1	<0.2	7.6	56.9	1.4	3.20
CV853-007	0.1	<0.2	1.9	92.5	1.3	0.45
CV853-008	0.1	<0.2	2.0	96.1	1.7	0.60
CV853-009	0.1	<0.2	29.0	19.0	7.5	0.99
CV853-010	<0.1	<0.2	27.1	10.7	4.1	0.71
CV853-011	0.2	<0.2	2.9	90.1	2.2	0.71
CV853-012	<0.1	<0.2	3.5	1.4	0.2	0.39
CV853-013	<0.1	<0.2	21.9	8.2	9.0	0.74
CV853-014	<0.1	<0.2	17.2	44.4	1.8	5.51
CV853-015	<0.1	<0.2	9.1	29.4	0.9	3.33
CV853-016	<0.1	<0.2	36.7	4.7	2.9	2.47
CV853-017	<0.1	<0.2	33.0	28.2	5.0	3.19
CV853-018	2.6	1.7	3.6	1.1	65.0	0.33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-019	0.1	<0.2	7.8	49.5	2.7	2.64
CV853-020	0.2	0.4	18.5	37.0	6.1	5.60
CV853-021	<0.1	<0.2	35.4	26.6	7.3	2.91
CV853-022	0.2	<0.2	22.4	54.8	12.8	6.26
CV853-023	0.1	<0.2	26.2	28.8	9.7	2.87
CV853-024	0.1	<0.2	22.3	50.2	27.2	6.01
CV853-025	<0.1	0.2	9.5	51.7	5.3	2.91
CV853-026	0.7	<0.2	3.8	85.8	2.7	1.25
CV853-027	0.2	0.8	11.2	50.3	9.0	2.84
*Std OREAS 753	2.3	1.6	0.7	0.9	61.9	0.17
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 554	2.9	0.2	67.9	7723	2.5	3.47
*Rep CV853-016	<0.1	<0.2	37.5	4.6	2.8	2.42
*Rep CV853-017	<0.1	<0.2	32.5	28.2	5.0	3.23
*Std AMIS0355	0.9	0.5	5.6	48.9	268	0.94

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-001	1.80	1.15	17	3.28	1	3
CV853-002	1.45	0.67	13	2.22	2	1
CV853-003	0.85	0.32	7	1.20	1	<1
CV853-004	0.91	0.66	17	1.50	1	2
CV853-005	1.04	0.66	16	1.70	1	3
CV853-006	2.00	0.70	18	2.74	2	1
CV853-007	0.34	0.10	3	0.34	1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-008	0.44	0.07	3	0.45	2	<1
CV853-009	0.54	0.29	12	1.12	1	3
CV853-010	0.46	0.31	9	0.93	1	3
CV853-011	0.49	<0.05	3	0.59	1	<1
CV853-012	0.22	<0.05	<1	0.32	<1	1
CV853-013	0.39	0.28	9	0.88	<1	2
CV853-014	3.68	1.12	18	4.60	2	3
CV853-015	2.06	0.73	13	2.82	1	1
CV853-016	1.43	0.69	16	2.57	<1	4
CV853-017	1.92	0.87	18	3.09	2	3
CV853-018	0.15	<0.05	17	0.34	6	2
CV853-019	1.67	0.63	15	2.22	2	1
CV853-020	3.53	1.24	16	4.46	2	3
CV853-021	1.81	0.91	18	3.20	2	3
CV853-022	4.10	1.40	19	5.59	3	3
CV853-023	1.78	0.82	17	2.92	2	2
CV853-024	3.68	1.41	20	5.37	2	3
CV853-025	1.86	0.64	15	2.46	2	1
CV853-026	0.96	0.23	6	0.90	2	<1
CV853-027	1.69	0.71	16	2.25	2	2
*Std OREAS 753	<0.05	<0.05	16	0.13	6	1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 554	1.99	0.83	12	4.11	2	2
*Rep CV853-016	1.42	0.74	16	2.57	<1	4
*Rep CV853-017	1.98	0.86	19	3.22	2	3
*Std AMIS0355	0.19	0.07	72	1.02	7	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-001	0.64	<0.2	16.6	0.28	<2	4
CV853-002	0.50	<0.2	5.3	0.21	<2	1
CV853-003	0.30	<0.2	5.8	0.14	<2	1
CV853-004	0.34	<0.2	11.3	0.17	10	3
CV853-005	0.35	<0.2	10.8	0.18	10	3
CV853-006	0.71	<0.2	2.9	0.27	<2	1
CV853-007	0.11	<0.2	0.9	0.06	6	<1
CV853-008	0.12	<0.2	0.9	0.07	<2	<1
CV853-009	0.18	<0.2	16.2	0.07	<2	2
CV853-010	0.15	<0.2	15.7	0.07	<2	2
CV853-011	0.16	<0.2	1.2	0.08	<2	<1
CV853-012	0.08	<0.2	1.9	<0.05	<2	<1
CV853-013	0.13	<0.2	13.0	0.06	<2	2
CV853-014	1.20	<0.2	7.2	0.55	<2	3
CV853-015	0.76	<0.2	3.6	0.29	<2	2
CV853-016	0.50	<0.2	19.5	0.23	<2	6
CV853-017	0.63	<0.2	16.1	0.27	3	4
CV853-018	<0.05	<0.2	1.8	<0.05	3	52
CV853-019	0.57	<0.2	3.1	0.24	11	2
CV853-020	1.15	<0.2	7.9	0.51	11	5
CV853-021	0.62	<0.2	17.6	0.26	7	3
CV853-022	1.33	<0.2	9.5	0.60	19	4
CV853-023	0.58	<0.2	12.7	0.25	6	3
CV853-024	1.24	<0.2	9.8	0.50	6	4
CV853-025	0.63	<0.2	4.1	0.27	<2	2
CV853-026	0.27	<0.2	1.5	0.13	<2	<1
CV853-027	0.56	<0.2	4.9	0.23	2	2
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

ANALYSIS REPORT BBM25-49141

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 554	0.71	<0.2	35.5	0.27	3	6
*Rep CV853-016	0.50	<0.2	19.7	0.22	<2	6
*Rep CV853-017	0.64	<0.2	15.7	0.28	4	4
*Std AMIS0355	0.08	<0.2	2.8	<0.05	<2	48

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-001	17.2	<5	4.21	38.2	0.3	3.4
CV853-002	7.3	<5	1.59	26.7	0.4	1.9
CV853-003	5.8	<5	1.40	24.9	0.5	1.2
CV853-004	9.0	9	2.39	93.3	0.3	1.8
CV853-005	9.0	9	2.33	91.6	0.4	1.8
CV853-006	6.0	<5	1.13	17.2	1.0	2.0
CV853-007	1.2	<5	0.22	0.8	0.4	0.3
CV853-008	1.2	<5	0.26	0.3	1.1	0.3
CV853-009	10.1	5	2.99	72.0	0.3	1.6
CV853-010	9.1	<5	2.77	39.3	0.2	1.6
CV853-011	1.8	<5	0.39	0.4	0.7	0.5
CV853-012	1.6	<5	0.43	1.7	0.2	0.3
CV853-013	7.4	<5	2.24	35.0	0.1	1.1
CV853-014	11.8	<5	2.40	21.8	0.7	3.5
CV853-015	6.8	<5	1.40	15.0	0.2	2.1
CV853-016	14.2	6	3.99	23.8	<0.1	2.6
CV853-017	15.5	7	3.89	36.5	0.1	3.4
CV853-018	1.5	17	0.41	652	0.7	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-019	5.6	6	1.10	28.9	0.3	1.7
CV853-020	12.7	12	2.63	22.7	0.3	3.7
CV853-021	16.2	8	4.06	54.0	0.1	3.1
CV853-022	14.6	5	3.12	42.4	0.3	4.5
CV853-023	13.2	9	3.19	43.6	0.5	2.7
CV853-024	14.6	9	2.92	63.0	0.2	4.1
CV853-025	6.5	11	1.27	34.0	0.2	2.0
CV853-026	2.6	<5	0.55	0.3	0.2	0.8
CV853-027	6.7	13	1.45	51.1	0.4	2.0
*Std OREAS 753	0.3	11	0.08	611	0.3	0.1
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 554	27.7	18	7.60	87.4	2.2	5.1
*Rep CV853-016	14.5	5	3.94	22.9	<0.1	2.9
*Rep CV853-017	15.3	7	3.92	36.0	<0.1	3.1
*Std AMIS0355	2.0	8	0.63	3771	0.5	1.2

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-001	<1	<0.5	0.52	2.0	<0.5	0.28
CV853-002	<1	<0.5	0.37	0.7	<0.5	0.21
CV853-003	<1	<0.5	0.21	0.9	<0.5	0.13
CV853-004	<1	<0.5	0.29	3.0	0.7	0.15
CV853-005	<1	<0.5	0.27	3.4	0.7	0.16
CV853-006	<1	<0.5	0.46	0.2	<0.5	0.28
CV853-007	<1	<0.5	0.07	<0.1	<0.5	0.06

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV853-008	<1	<0.5	0.08	<0.1	<0.5	0.07
CV853-009	<1	<0.5	0.15	4.0	<0.5	0.08
CV853-010	<1	<0.5	0.14	3.5	<0.5	0.06
CV853-011	<1	<0.5	0.09	<0.1	<0.5	0.06
CV853-012	<1	<0.5	0.05	0.7	<0.5	<0.05
CV853-013	<1	<0.5	0.11	2.9	<0.5	0.06
CV853-014	<1	<0.5	0.82	0.9	<0.5	0.51
CV853-015	<1	<0.5	0.49	0.3	<0.5	0.30
CV853-016	1	0.6	0.41	4.0	<0.5	0.24
CV853-017	<1	<0.5	0.54	2.6	<0.5	0.28
CV853-018	235	41.8	0.06	0.7	3.9	<0.05
CV853-019	1	<0.5	0.37	0.2	<0.5	0.23
CV853-020	<1	2.5	0.82	0.9	<0.5	0.49
CV853-021	<1	<0.5	0.51	2.9	<0.5	0.26
CV853-022	<1	<0.5	0.93	1.2	<0.5	0.61
CV853-023	<1	<0.5	0.44	1.8	<0.5	0.24
CV853-024	<1	<0.5	0.89	1.1	<0.5	0.52
CV853-025	<1	<0.5	0.45	0.3	<0.5	0.26
CV853-026	<1	<0.5	0.18	<0.1	<0.5	0.12
CV853-027	1	<0.5	0.43	0.8	<0.5	0.24
*Std OREAS 753	135	19.6	<0.05	0.4	3.8	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 554	2	0.6	0.61	8.7	0.6	0.32
*Rep CV853-016	1	0.6	0.39	3.9	<0.5	0.20
*Rep CV853-017	<1	<0.5	0.50	2.5	<0.5	0.27
*Std AMIS0355	476	214	0.26	4.9	29.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV853-001	0.52	<1	16.3	1.8	124	<5
CV853-002	0.23	<1	13.0	1.3	40.0	-
CV853-003	0.33	<1	7.3	0.8	35.7	-
CV853-004	1.04	14	9.1	1.1	86.4	13
CV853-005	1.06	13	8.8	1.1	95.6	-
CV853-006	0.08	1	17.0	1.9	46.4	-
CV853-007	<0.05	4	2.6	0.4	10.0	-
CV853-008	<0.05	2	3.4	0.4	10.6	-
CV853-009	2.06	4	4.6	0.5	111	34
CV853-010	1.64	1	4.0	0.4	97.1	-
CV853-011	<0.05	<1	4.0	0.5	13.5	-
CV853-012	0.32	<1	2.0	0.3	29.5	-
CV853-013	1.36	<1	3.9	0.4	79.8	-
CV853-014	0.30	3	30.2	3.4	91.3	-
CV853-015	0.12	<1	18.3	2.1	50.4	<5
CV853-016	1.15	1	13.6	1.5	149	-
CV853-017	0.73	1	17.0	1.9	118	-
CV853-018	8.38	5	1.7	0.2	28.0	-
CV853-019	0.13	34	13.9	1.6	41.7	-
CV853-020	0.33	5	29.1	3.3	95.8	17
CV853-021	0.81	2	16.7	1.9	108	-
CV853-022	0.35	8	33.3	3.9	114	5
CV853-023	0.83	<1	14.6	1.6	83.7	6
CV853-024	0.39	1	32.3	3.5	110	<5
CV853-025	0.15	<1	15.7	1.9	43.7	-
CV853-026	<0.05	<1	7.2	0.9	18.8	-
CV853-027	0.29	2	14.3	1.6	49.7	-
*Std OREAS 753	6.06	5	0.8	<0.1	11.8	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49141

Order Number	CV25-853
Project	Corvette
Submission Number	Batch CDM-026
Number of Samples	27

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std OREAS 554	14.73	1	19.0	2.0	79.0	-
*Rep CV853-016	1.12	1	13.1	1.3	144	-
*Rep CV853-017	0.77	4	16.7	1.7	104	-
*Std AMIS0355	6.15	2	4.5	0.3	23.4	-
*Std OREAS 250c	-	-	-	-	-	313
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-856	Date Received	18 Apr 2025
Project	Corvette	Date Analysed	26 Apr 2025 - 06 May 2025
Submission Number	Batch CDM-028	Date Completed	07 May 2025
Number of Samples	28	SGS Order Number	BBM25-49147

Methods Summary

Number of Samples	Method Code	Description
28	G_WGH_KG	Weight of samples received
28	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
28	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
19	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV856-001	3.69	7.44	20	52	<5	5.9
CV856-002	3.79	7.64	164	214	<5	3.7
CV856-003	3.91	7.94	816	196	<5	4.7
CV856-004	3.94	6.85	56	140	<5	1.4
CV856-005	-	7.09	56	145	<5	1.6
CV856-006	4.77	8.07	34	75	<5	3.1
CV856-007	4.72	7.31	369	30	<5	4.2
CV856-008	4.44	8.44	20	23	<5	2.0
CV856-009	3.31	7.98	21	17	<5	2.7
CV856-010	3.47	7.89	20	17	<5	3.5
CV856-011	2.82	7.82	20	49	<5	2.8
CV856-012	0.51	0.17	22	13	<5	<0.1
CV856-013	2.07	7.77	21	16	<5	2.4
CV856-014	2.99	7.46	21	39	<5	2.7
CV856-015	1.89	7.60	18	18	<5	2.8
CV856-016	1.31	8.95	12	12	<5	0.6
CV856-017	3.15	8.80	13	24	<5	0.8
CV856-018	0.02	8.74	13	18	124	0.2
CV856-019	3.25	8.45	19	27	<5	1.1
CV856-020	4.48	8.20	16	25	<5	1.9
CV856-021	4.51	9.22	19	79	<5	0.8
CV856-022	3.32	8.24	60	62	<5	2.0
CV856-023	1.12	10.04	358	693	<5	0.7
CV856-024	3.37	9.47	145	700	<5	1.4
CV856-025	3.39	8.47	12	267	<5	5.9
CV856-026	3.37	9.25	17	316	<5	3.9
CV856-027	1.01	9.88	24	330	<5	6.1
CV856-028	3.54	8.61	11	230	<5	4.9
*Std OREAS 750	-	5.54	12	430	40	0.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV856-024	-	9.46	141	703	<5	1.4
*Std OREAS 553	-	2.96	300	326	<5	5.5
*Std AMIS0341	-	8.80	447	159	225	0.5

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV856-001	191	113	11.20	0.3	16	4.21
CV856-002	261	31	12.61	1.0	37	2.46
CV856-003	233	82	14.69	0.8	37	2.75
CV856-004	287	62	7.08	0.8	44	1.72
CV856-005	282	62	7.86	0.8	48	1.92
CV856-006	205	84	12.68	0.5	53	2.74
CV856-007	194	95	10.95	0.3	28	2.55
CV856-008	194	88	9.07	0.3	42	2.24
CV856-009	186	111	12.01	0.2	48	2.77
CV856-010	169	112	13.20	0.2	42	3.06
CV856-011	159	159	15.84	0.4	51	3.18
CV856-012	373	<10	0.34	<0.1	<10	0.02
CV856-013	171	95	14.86	0.2	64	4.20
CV856-014	155	120	14.20	0.5	59	4.45
CV856-015	180	81	11.41	0.2	53	3.68
CV856-016	268	27	7.87	0.1	59	3.14
CV856-017	383	43	7.78	0.2	67	2.94
CV856-018	28	17	0.88	2.0	9721	0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

ANALYSIS REPORT BBM25-49147

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV856-019	269	47	7.65	0.2	50	2.63
CV856-020	340	110	7.34	0.2	39	2.50
CV856-021	348	48	7.16	0.5	58	2.74
CV856-022	274	67	7.12	0.4	32	2.22
CV856-023	262	49	3.86	3.1	159	0.94
CV856-024	285	78	4.96	2.9	55	0.98
CV856-025	161	50	6.50	1.3	37	1.25
CV856-026	164	21	5.05	1.3	35	1.30
CV856-027	111	<10	6.81	1.6	65	1.74
CV856-028	131	38	6.81	1.4	35	1.34
*Std OREAS 750	35	19	1.70	1.8	2244	0.32
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV856-024	280	81	4.96	2.9	53	0.97
*Std OREAS 553	46	5695	1.27	0.7	95	5.48
*Std AMIS0341	475	47	0.96	2.9	4738	0.22

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV856-001	2120	119	0.09	0.13	40	22.9
CV856-002	3621	68	0.12	0.16	47	24.6
CV856-003	4552	76	0.09	0.46	47	22.3
CV856-004	1938	52	0.06	0.30	25	>30.0
CV856-005	2148	54	0.06	0.28	27	>30.0
CV856-006	3365	74	0.10	0.40	46	23.9
CV856-007	3528	74	0.09	0.40	38	24.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV856-008	2547	76	0.08	0.35	36	24.5
CV856-009	3303	75	0.09	0.56	49	23.2
CV856-010	3597	77	0.09	0.38	45	22.0
CV856-011	3880	85	0.08	0.91	47	19.9
CV856-012	25	8	<0.01	<0.01	<5	>30.0
CV856-013	3801	72	0.10	0.17	47	20.0
CV856-014	3115	67	0.09	0.05	42	21.0
CV856-015	2306	80	0.09	0.22	44	22.8
CV856-016	1217	76	0.06	0.07	22	24.7
CV856-017	1489	99	0.06	0.06	27	25.8
CV856-018	775	16	0.11	0.01	<5	>30.0
CV856-019	1646	93	0.06	0.15	23	26.2
CV856-020	1488	113	0.06	0.51	24	26.1
CV856-021	1093	134	0.06	0.04	25	26.4
CV856-022	1614	100	0.05	1.06	24	26.6
CV856-023	377	70	0.05	0.94	18	28.5
CV856-024	593	79	0.08	1.21	19	28.3
CV856-025	1256	15	0.20	0.40	16	26.0
CV856-026	909	17	0.21	0.17	17	27.5
CV856-027	1305	14	0.22	0.13	18	23.5
CV856-028	1331	19	0.19	0.50	16	26.7
*Std OREAS 750	395	15	0.07	0.07	<5	>30.0
*Blk BLANK	<10	5	<0.01	<0.01	<5	<0.1
*Rep CV856-024	581	78	0.08	1.21	19	28.7
*Std OREAS 553	1617	30	0.04	0.28	7	25.1
*Std AMIS0341	1740	72	0.27	0.03	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-001	153	0.90	356	226	<1	33
CV856-002	132	1.24	412	180	<1	<5
CV856-003	77	1.14	403	157	<1	26
CV856-004	179	0.60	199	82	<1	<5
CV856-005	179	0.66	221	86	<1	<5
CV856-006	75	1.15	397	113	<1	15
CV856-007	58	0.94	326	209	<1	<5
CV856-008	74	0.93	300	114	<1	<5
CV856-009	60	1.13	406	87	<1	7
CV856-010	41	1.08	382	108	<1	9
CV856-011	35	1.08	375	201	<1	6
CV856-012	<10	0.01	6	<5	<1	<5
CV856-013	39	1.13	399	130	<1	7
CV856-014	31	1.02	376	84	<1	15
CV856-015	44	1.05	357	51	<1	20
CV856-016	47	0.41	146	29	<1	<5
CV856-017	65	0.46	176	368	<1	<5
CV856-018	32	<0.01	<5	91	<1	6
CV856-019	76	0.42	159	200	<1	<5
CV856-020	79	0.45	168	101	<1	<5
CV856-021	131	0.46	172	70	<1	<5
CV856-022	112	0.44	154	128	<1	29
CV856-023	213	0.50	124	110	<1	24
CV856-024	220	0.51	135	95	<1	10
CV856-025	409	0.93	163	140	<1	<5
CV856-026	426	1.01	162	123	<1	<5
CV856-027	278	1.11	159	88	<1	<5
CV856-028	287	0.93	155	120	<1	<5
*Std OREAS 750	75	0.16	28	65	<1	11

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV856-024	218	0.51	136	92	<1	13
*Std OREAS 553	58	0.20	78	51	<1	7
*Std AMIS0341	68	0.01	6	115	<1	23

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-001	<0.1	0.4	14.0	62.8	1.1	5.15
CV856-002	<0.1	<0.2	25.6	53.7	2.2	7.46
CV856-003	<0.1	<0.2	23.8	55.9	1.8	7.02
CV856-004	<0.1	<0.2	33.0	30.4	3.5	4.21
CV856-005	<0.1	<0.2	34.4	32.5	3.7	4.54
CV856-006	<0.1	<0.2	27.7	50.7	7.4	7.55
CV856-007	<0.1	0.6	35.4	49.1	5.4	6.58
CV856-008	<0.1	0.2	41.2	43.4	7.6	6.10
CV856-009	0.1	<0.2	23.7	54.0	4.9	7.02
CV856-010	<0.1	<0.2	24.6	55.5	1.7	7.17
CV856-011	<0.1	0.4	32.3	76.6	2.9	6.70
CV856-012	<0.1	<0.2	3.3	<0.5	0.3	0.37
CV856-013	<0.1	<0.2	27.3	53.9	2.8	6.74
CV856-014	<0.1	<0.2	24.0	49.6	3.0	5.91
CV856-015	0.1	<0.2	32.7	51.9	4.8	6.42
CV856-016	<0.1	<0.2	13.0	23.2	4.5	3.34
CV856-017	<0.1	0.9	34.4	24.3	7.6	3.27
CV856-018	2.4	1.5	0.8	0.8	63.0	0.16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-019	<0.1	0.4	32.5	27.5	9.7	3.18
CV856-020	0.2	<0.2	36.1	42.1	3.7	3.36
CV856-021	<0.1	<0.2	34.1	31.8	1.9	2.64
CV856-022	0.3	0.3	34.1	46.5	2.5	3.17
CV856-023	0.3	<0.2	54.1	20.1	9.7	3.06
CV856-024	0.2	<0.2	49.9	23.4	6.6	3.42
CV856-025	<0.1	<0.2	65.6	17.1	4.0	4.61
CV856-026	<0.1	<0.2	68.0	15.2	3.3	4.88
CV856-027	<0.1	<0.2	74.2	15.4	4.5	5.09
CV856-028	<0.1	<0.2	64.6	21.3	4.7	4.56
*Std OREAS 750	1.1	0.6	33.9	3.6	22.2	2.64
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Rep CV856-024	0.3	<0.2	48.3	23.7	6.8	3.22
*Std OREAS 553	2.5	<0.2	51.5	5841	0.9	3.42
*Std AMIS0341	23.9	<0.2	1.0	3.9	459	0.27

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-001	3.43	1.31	19	4.75	2	3
CV856-002	4.81	1.68	22	6.68	2	4
CV856-003	4.39	1.66	21	6.07	2	4
CV856-004	2.60	1.02	16	3.95	1	4
CV856-005	2.82	1.05	17	4.20	1	4
CV856-006	4.65	1.59	22	6.29	2	4
CV856-007	4.24	1.80	19	5.95	2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-008	3.66	1.40	21	5.47	2	5
CV856-009	4.39	1.43	20	6.00	2	4
CV856-010	4.59	1.61	21	6.21	2	4
CV856-011	4.25	1.84	22	6.48	2	4
CV856-012	0.24	<0.05	<1	0.31	1	<1
CV856-013	4.26	1.66	23	6.14	2	4
CV856-014	3.73	1.45	22	5.09	2	3
CV856-015	4.01	1.77	20	5.65	2	4
CV856-016	2.12	1.29	19	3.48	1	3
CV856-017	1.96	0.90	20	3.31	1	3
CV856-018	<0.05	<0.05	15	0.15	6	1
CV856-019	1.91	0.92	19	3.12	1	3
CV856-020	2.09	0.90	17	3.41	1	3
CV856-021	1.47	0.83	22	2.84	<1	3
CV856-022	1.91	0.87	18	2.94	2	3
CV856-023	1.73	1.23	23	3.57	2	4
CV856-024	1.80	1.16	22	3.69	2	4
CV856-025	2.34	1.89	21	5.65	2	5
CV856-026	2.47	1.97	22	5.91	1	5
CV856-027	2.57	2.11	22	6.49	2	5
CV856-028	2.37	1.90	21	5.67	1	5
*Std OREAS 750	1.27	0.57	12	2.95	2	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV856-024	1.82	1.11	22	3.69	2	4
*Std OREAS 553	1.90	0.82	8	4.06	1	3
*Std AMIS0341	0.12	<0.05	43	0.27	9	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-001	1.11	<0.2	5.5	0.50	<2	3
CV856-002	1.61	<0.2	10.7	0.72	<2	5
CV856-003	1.45	<0.2	10.2	0.66	<2	5
CV856-004	0.90	<0.2	15.9	0.38	<2	4
CV856-005	0.93	<0.2	16.8	0.42	<2	4
CV856-006	1.61	<0.2	12.2	0.71	<2	5
CV856-007	1.37	<0.2	16.4	0.68	<2	5
CV856-008	1.25	<0.2	19.9	0.53	<2	6
CV856-009	1.49	<0.2	10.2	0.66	<2	5
CV856-010	1.52	<0.2	10.5	0.66	<2	5
CV856-011	1.41	<0.2	14.9	0.70	<2	6
CV856-012	0.08	<0.2	1.8	<0.05	<2	<1
CV856-013	1.41	<0.2	11.9	0.59	<2	5
CV856-014	1.26	<0.2	10.9	0.56	<2	5
CV856-015	1.31	<0.2	14.9	0.65	<2	6
CV856-016	0.69	<0.2	4.5	0.31	<2	4
CV856-017	0.66	<0.2	16.4	0.31	<2	4
CV856-018	<0.05	<0.2	0.4	<0.05	3	35
CV856-019	0.64	<0.2	16.1	0.30	<2	4
CV856-020	0.71	<0.2	17.4	0.33	<2	4
CV856-021	0.50	<0.2	16.3	0.20	<2	5
CV856-022	0.63	<0.2	16.8	0.29	<2	4
CV856-023	0.62	<0.2	26.5	0.26	4	7
CV856-024	0.65	<0.2	24.3	0.27	4	7
CV856-025	0.86	<0.2	27.4	0.31	<2	14
CV856-026	0.92	<0.2	28.0	0.33	<2	14
CV856-027	0.96	<0.2	31.4	0.34	3	15
CV856-028	0.86	<0.2	27.5	0.33	<2	13
*Std OREAS 750	0.49	<0.2	17.2	0.17	<2	19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV856-024	0.63	<0.2	23.0	0.27	4	7
*Std OREAS 553	0.67	<0.2	30.9	0.25	2	8
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	116

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-001	11.0	<5	2.10	9.6	0.6	3.5
CV856-002	17.7	<5	3.57	32.7	0.2	5.2
CV856-003	16.5	<5	3.40	26.9	0.4	4.9
CV856-004	16.4	<5	3.98	49.1	0.1	3.5
CV856-005	16.9	6	4.11	50.1	0.1	3.8
CV856-006	18.0	<5	3.78	19.5	0.2	5.1
CV856-007	20.3	29	4.49	11.7	0.2	5.0
CV856-008	21.3	11	5.05	11.7	0.1	5.1
CV856-009	15.9	<5	3.29	8.5	0.2	4.6
CV856-010	16.4	<5	3.38	5.2	0.2	4.9
CV856-011	20.7	6	4.29	9.7	0.3	5.6
CV856-012	1.5	<5	0.40	1.6	0.2	0.3
CV856-013	17.1	<5	3.69	5.3	0.2	5.1
CV856-014	15.2	<5	3.22	10.4	0.1	4.1
CV856-015	19.9	<5	4.36	5.0	0.4	5.0
CV856-016	11.6	<5	2.27	3.6	<0.1	3.4
CV856-017	16.1	49	4.06	8.5	<0.1	3.5
CV856-018	0.4	11	0.08	596	0.2	0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-019	16.3	51	3.90	10.9	<0.1	3.2
CV856-020	17.6	9	4.41	8.2	0.2	3.5
CV856-021	16.0	6	4.02	19.5	<0.1	3.0
CV856-022	15.9	64	3.98	17.4	2.1	3.3
CV856-023	24.8	10	6.30	115	<0.1	4.4
CV856-024	23.5	9	5.96	82.5	<0.1	4.5
CV856-025	35.3	6	8.55	39.3	0.2	6.6
CV856-026	37.4	6	8.91	35.4	0.1	7.2
CV856-027	40.2	<5	9.75	55.9	<0.1	7.8
CV856-028	35.8	6	8.55	47.6	<0.1	6.7
*Std OREAS 750	16.1	14	4.06	237	0.3	3.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Rep CV856-024	22.6	9	5.76	82.1	<0.1	4.2
*Std OREAS 553	23.1	13	6.19	24.3	0.4	4.4
*Std AMIS0341	0.6	12	0.11	3777	11.4	0.2

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-001	<1	<0.5	0.80	0.9	<0.5	0.47
CV856-002	1	<0.5	1.13	1.5	<0.5	0.70
CV856-003	1	<0.5	1.06	1.3	<0.5	0.66
CV856-004	<1	<0.5	0.65	3.3	<0.5	0.38
CV856-005	<1	<0.5	0.70	3.5	<0.5	0.41
CV856-006	1	<0.5	1.11	1.7	<0.5	0.67
CV856-007	2	<0.5	0.99	2.7	<0.5	0.64

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV856-008	<1	<0.5	0.90	3.3	<0.5	0.54
CV856-009	1	<0.5	1.04	1.3	<0.5	0.64
CV856-010	1	<0.5	1.05	1.3	<0.5	0.69
CV856-011	1	<0.5	1.06	1.5	<0.5	0.65
CV856-012	<1	<0.5	<0.05	0.9	<0.5	<0.05
CV856-013	1	<0.5	1.05	1.4	<0.5	0.61
CV856-014	<1	<0.5	0.88	1.2	<0.5	0.56
CV856-015	1	<0.5	0.95	2.0	<0.5	0.59
CV856-016	<1	<0.5	0.52	2.9	<0.5	0.29
CV856-017	1	<0.5	0.53	3.0	<0.5	0.28
CV856-018	137	19.8	<0.05	0.2	3.8	<0.05
CV856-019	1	<0.5	0.50	3.1	<0.5	0.29
CV856-020	1	<0.5	0.53	2.9	<0.5	0.31
CV856-021	1	<0.5	0.41	3.1	<0.5	0.22
CV856-022	<1	<0.5	0.48	3.4	<0.5	0.29
CV856-023	1	0.5	0.53	5.2	0.6	0.28
CV856-024	1	<0.5	0.53	5.0	<0.5	0.28
CV856-025	1	0.8	0.79	2.6	<0.5	0.32
CV856-026	1	0.9	0.82	2.7	<0.5	0.35
CV856-027	1	0.8	0.88	2.8	<0.5	0.35
CV856-028	1	0.8	0.79	2.6	<0.5	0.33
*Std OREAS 750	42	9.7	0.45	6.7	1.4	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Rep CV856-024	1	<0.5	0.53	4.7	<0.5	0.26
*Std OREAS 553	1	0.6	0.59	6.0	<0.5	0.27
*Std AMIS0341	81	691	0.06	4.7	39.1	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV856-001	0.16	<1	28.8	3.2	117	-
CV856-002	0.37	<1	41.8	4.7	148	<5
CV856-003	0.33	1	37.4	4.2	134	<5
CV856-004	0.85	<1	23.2	2.4	136	<5
CV856-005	0.89	<1	24.7	2.7	146	-
CV856-006	0.47	2	41.9	4.6	158	<5
CV856-007	0.67	3	36.8	4.4	156	<5
CV856-008	0.83	3	33.1	3.6	168	<5
CV856-009	0.40	3	38.4	4.2	141	<5
CV856-010	0.37	3	41.7	4.4	139	<5
CV856-011	0.44	2	37.5	4.4	159	<5
CV856-012	0.30	<1	2.1	0.3	28.2	-
CV856-013	0.40	2	35.1	4.2	144	<5
CV856-014	0.36	3	32.5	3.8	132	<5
CV856-015	0.55	5	34.2	4.0	159	<5
CV856-016	0.73	2	20.1	2.0	125	<5
CV856-017	0.74	2	17.4	2.0	112	<5
CV856-018	6.02	5	0.7	<0.1	12.0	-
CV856-019	0.81	2	17.1	2.0	113	7
CV856-020	0.73	1	18.4	2.1	110	9
CV856-021	0.86	<1	12.7	1.4	123	<5
CV856-022	0.74	2	16.6	1.8	103	-
CV856-023	1.43	4	16.6	1.8	170	<5
CV856-024	1.32	3	17.2	1.8	159	-
CV856-025	0.61	2	22.2	2.2	207	-
CV856-026	0.62	<1	23.0	2.2	214	-
CV856-027	0.74	2	24.6	2.3	228	<5
CV856-028	0.60	1	22.7	2.2	205	-
*Std OREAS 750	4.36	5	13.1	1.2	106	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49147

Order Number	CV25-856
Project	Corvette
Submission Number	Batch CDM-028
Number of Samples	28

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Rep CV856-024	1.29	3	16.6	1.6	156	-
*Std OREAS 553	23.36	1	18.0	1.7	108	-
*Std AMIS0341	12.59	5	1.8	<0.1	21.0	-
*Rep CV856-002	-	-	-	-	-	<5
*Std OREAS L12	-	-	-	-	-	635
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-857	Date Received	18 Apr 2025
Project	Corvette	Date Analysed	26 Apr 2025 - 13 May 2025
Submission Number	Batch CDM-029	Date Completed	13 May 2025
Number of Samples	26	SGS Order Number	BBM25-49149

Methods Summary

Number of Samples	Method Code	Description
26	G_WGH_KG	Weight of samples received
26	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
26	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
13	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV857-001	1.26	7.11	120	557	<5	6.1
CV857-002	4.00	5.95	26	279	<5	7.6
CV857-003	4.66	7.57	80	213	<5	5.4
CV857-004	1.17	7.03	24	275	<5	5.4
CV857-005	-	6.98	25	273	<5	5.4
CV857-006	3.36	8.24	<10	542	<5	3.4
CV857-007	3.47	8.37	<10	354	<5	3.3
CV857-008	3.21	5.69	26	316	<5	7.4
CV857-009	1.82	7.40	<10	307	<5	4.1
CV857-010	2.42	6.11	<10	396	<5	5.2
CV857-011	3.28	9.00	222	400	<5	2.0
CV857-012	0.51	0.18	16	19	<5	<0.1
CV857-013	2.21	6.81	31	370	<5	1.5
CV857-014	1.81	7.03	46	413	<5	1.6
CV857-015	1.24	5.59	18	150	<5	5.5
CV857-016	3.74	6.55	26	73	<5	5.8
CV857-017	1.22	6.63	463	384	<5	5.5
CV857-018	0.02	8.19	24	58	157	0.3
CV857-019	5.16	6.38	318	190	<5	5.6
CV857-020	3.75	6.59	<10	165	<5	5.6
CV857-021	1.24	5.29	121	114	<5	6.7
CV857-022	3.38	7.13	15	326	<5	3.4
CV857-023	3.78	6.75	22	85	<5	6.8
CV857-024	3.36	2.91	201	120	<5	0.2
CV857-025	3.92	6.88	11	132	<5	6.3
CV857-026	3.28	5.84	38	275	<5	5.5
*Std OREAS 553	-	2.90	323	327	<5	5.4
*Std AMIS0341	-	8.55	454	160	221	0.6
*Std OREAS 147	-	4.92	26	1976	34	1.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV857-016	-	6.54	25	74	<5	5.7
*Rep CV857-025	-	6.90	11	133	<5	6.3
*Std OREAS 750	-	5.42	11	421	41	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV857-001	693	101	10.76	1.5	55	2.86
CV857-002	518	219	13.72	0.7	25	3.80
CV857-003	439	83	6.34	1.3	41	2.35
CV857-004	467	64	5.68	2.2	49	1.90
CV857-005	467	65	5.69	2.2	49	1.91
CV857-006	285	33	3.96	1.3	36	2.26
CV857-007	322	39	4.06	1.1	30	2.52
CV857-008	418	264	13.03	1.0	35	2.81
CV857-009	345	82	7.29	0.7	24	2.97
CV857-010	420	202	10.62	1.1	42	3.08
CV857-011	335	47	5.92	2.8	84	1.66
CV857-012	494	<10	0.42	0.1	<10	0.02
CV857-013	442	28	4.53	1.1	52	1.17
CV857-014	398	34	4.75	1.5	57	1.04
CV857-015	268	59	10.86	0.6	43	3.26
CV857-016	245	83	12.44	0.4	26	3.64
CV857-017	226	83	11.67	0.7	40	2.20

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV857-018	27	35	0.84	2.1	6841	0.05
CV857-019	199	65	12.55	0.6	31	2.39
CV857-020	155	124	11.98	0.6	26	2.95
CV857-021	209	99	10.43	0.7	35	2.44
CV857-022	193	22	3.96	1.5	39	0.84
CV857-023	455	114	9.06	0.4	25	3.12
CV857-024	409	26	1.69	0.7	31	0.89
CV857-025	234	46	11.68	0.7	15	2.45
CV857-026	625	97	7.94	1.1	27	2.65
*Std OREAS 553	44	5816	1.25	0.8	102	5.46
*Std AMIS0341	454	52	0.94	2.9	4896	0.22
*Std OREAS 147	76	293	3.23	1.7	2326	0.55
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV857-016	239	83	12.44	0.4	26	3.64
*Rep CV857-025	223	44	11.67	0.7	16	2.45
*Std OREAS 750	33	20	1.66	1.8	2248	0.31
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV857-001	3678	207	0.16	0.03	25	21.7
CV857-002	5183	194	0.13	0.08	26	20.5
CV857-003	1845	110	0.10	0.03	22	25.1
CV857-004	1437	92	0.10	<0.01	21	26.6
CV857-005	1434	93	0.10	<0.01	21	25.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV857-006	835	66	0.08	<0.01	17	27.1
CV857-007	967	71	0.08	<0.01	18	26.2
CV857-008	5008	145	0.13	0.21	27	21.6
CV857-009	2222	114	0.10	0.04	21	25.0
CV857-010	3073	195	0.14	0.17	25	22.8
CV857-011	762	99	0.07	0.87	20	26.3
CV857-012	32	8	<0.01	<0.01	<5	>30.0
CV857-013	653	77	0.06	0.16	11	>30.0
CV857-014	728	59	0.05	0.26	10	>30.0
CV857-015	1668	53	0.11	0.19	42	24.7
CV857-016	1907	55	0.13	0.14	48	22.4
CV857-017	1768	37	0.10	0.44	40	24.0
CV857-018	808	13	0.15	0.04	<5	>30.0
CV857-019	1829	20	0.18	0.29	43	23.3
CV857-020	1796	56	0.12	0.19	45	22.9
CV857-021	2855	42	0.17	0.65	32	24.2
CV857-022	1274	18	0.05	0.12	8	29.4
CV857-023	2732	122	0.04	0.15	39	22.9
CV857-024	102	21	<0.01	0.40	<5	>30.0
CV857-025	3182	58	0.11	0.47	39	23.8
CV857-026	1967	242	0.03	2.09	29	26.3
*Std OREAS 553	1628	30	0.05	0.30	7	25.3
*Std AMIS0341	1765	29	0.29	0.02	<5	>30.0
*Std OREAS 147	411	26	0.17	0.03	9	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Rep CV857-016	1903	55	0.13	0.14	48	22.4
*Rep CV857-025	3175	54	0.10	0.44	37	23.9
*Std OREAS 750	393	23	0.06	0.07	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-001	707	0.99	180	101	<1	110
CV857-002	506	0.86	178	113	<1	60
CV857-003	201	0.56	143	81	<1	<5
CV857-004	171	0.52	130	73	<1	<5
CV857-005	170	0.52	130	74	<1	<5
CV857-006	334	0.46	121	93	<1	<5
CV857-007	298	0.46	128	93	<1	<5
CV857-008	457	1.10	211	134	<1	18
CV857-009	405	0.69	151	116	<1	<5
CV857-010	362	1.15	197	911	<1	18
CV857-011	142	0.47	140	101	<1	50
CV857-012	<10	0.01	5	6	<1	<5
CV857-013	229	0.22	80	57	<1	49
CV857-014	228	0.23	80	56	<1	18
CV857-015	140	1.01	375	119	<1	48
CV857-016	139	1.14	448	137	<1	8
CV857-017	153	1.09	384	174	<1	13
CV857-018	40	0.02	<5	100	<1	13
CV857-019	144	1.28	355	135	<1	<5
CV857-020	156	1.12	482	133	<1	10
CV857-021	65	0.95	284	311	<1	51
CV857-022	120	0.25	49	62	<1	7
CV857-023	113	0.66	297	105	<1	39
CV857-024	28	0.08	25	22	<1	<5
CV857-025	101	1.19	307	120	<1	8
CV857-026	105	0.42	213	105	<1	139
*Std OREAS 553	58	0.20	75	53	<1	8
*Std AMIS0341	67	0.01	6	120	<1	24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 147	297	0.47	63	147	<1	35
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV857-016	139	1.15	445	136	<1	7
*Rep CV857-025	102	1.19	288	117	<1	5
*Std OREAS 750	74	0.15	28	60	<1	14
*Blk BLANK	<10	<0.01	<5	<5	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-001	<0.1	<0.2	82.1	57.3	4.9	4.08
CV857-002	<0.1	0.2	73.4	55.8	2.0	3.81
CV857-003	<0.1	<0.2	46.7	26.9	2.2	3.07
CV857-004	<0.1	<0.2	43.4	23.3	2.7	2.91
CV857-005	<0.1	<0.2	43.2	23.1	2.7	2.89
CV857-006	<0.1	<0.2	34.5	20.6	3.1	2.85
CV857-007	<0.1	<0.2	34.3	21.3	2.2	2.75
CV857-008	<0.1	0.3	63.0	45.9	4.5	3.83
CV857-009	<0.1	<0.2	50.6	34.0	3.5	3.20
CV857-010	<0.1	1.9	78.5	55.8	7.7	3.88
CV857-011	0.3	<0.2	41.9	25.0	5.6	2.81
CV857-012	<0.1	<0.2	3.8	0.7	0.3	0.32
CV857-013	0.2	<0.2	40.8	17.2	2.2	1.98
CV857-014	0.1	<0.2	37.0	14.7	2.9	1.77
CV857-015	<0.1	<0.2	15.8	46.8	5.6	5.64
CV857-016	<0.1	<0.2	18.3	53.5	1.7	6.74

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

Order Number CV25-857
Project Corvette
Submission Number Batch CDM-029
Number of Samples 26

ANALYSIS REPORT BBM25-49149

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-017	<0.1	0.2	27.0	44.9	8.7	8.00
CV857-018	2.5	1.6	3.5	1.2	66.0	0.36
CV857-019	<0.1	<0.2	25.1	48.1	5.7	8.77
CV857-020	<0.1	<0.2	17.5	51.2	3.0	6.34
CV857-021	<0.1	0.6	21.9	33.1	1.4	6.28
CV857-022	<0.1	<0.2	36.1	8.1	2.9	2.52
CV857-023	<0.1	<0.2	11.7	51.2	1.2	4.07
CV857-024	<0.1	<0.2	20.5	9.2	2.5	0.50
CV857-025	<0.1	<0.2	29.3	46.6	1.1	8.31
CV857-026	0.2	0.2	20.4	49.2	2.0	3.83
*Std OREAS 553	2.6	0.2	51.3	6160	0.8	3.56
*Std AMIS0341	25.0	0.3	1.1	3.6	462	0.23
*Std OREAS 147	13.5	0.9	1172	6.6	235	8.53
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Rep CV857-016	<0.1	<0.2	18.8	53.4	1.4	6.69
*Rep CV857-025	<0.1	<0.2	30.1	46.6	0.9	7.96
*Std OREAS 750	1.0	0.6	34.1	4.1	22.4	2.59
*Blk BLANK	<0.1	<0.2	<0.1	0.6	0.2	<0.05

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-001	2.06	1.78	15	5.26	2	3
CV857-002	2.09	1.66	13	5.07	2	3
CV857-003	1.75	1.15	16	3.61	2	3
CV857-004	1.67	1.07	15	3.44	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-005	1.64	1.09	15	3.32	1	3
CV857-006	1.65	0.94	18	3.06	2	4
CV857-007	1.71	0.92	19	2.92	2	3
CV857-008	2.00	1.52	14	4.54	2	3
CV857-009	1.83	1.24	17	3.88	1	3
CV857-010	2.02	1.68	16	4.80	2	3
CV857-011	1.68	1.10	21	3.28	2	4
CV857-012	0.22	<0.05	<1	0.32	1	<1
CV857-013	1.19	0.76	15	2.41	1	2
CV857-014	0.99	0.73	15	2.36	2	3
CV857-015	3.60	1.32	17	4.83	2	3
CV857-016	4.19	1.52	21	6.10	2	4
CV857-017	4.97	1.58	21	6.94	2	5
CV857-018	0.11	0.05	17	0.38	6	2
CV857-019	5.42	1.92	22	7.68	2	4
CV857-020	3.80	1.48	20	5.48	2	3
CV857-021	4.17	1.47	19	5.44	2	3
CV857-022	1.55	0.79	16	2.81	1	4
CV857-023	2.30	1.02	17	3.75	2	2
CV857-024	0.23	0.22	7	0.68	1	2
CV857-025	5.18	1.78	22	7.25	2	4
CV857-026	2.13	0.82	15	3.36	2	2
*Std OREAS 553	1.90	0.78	8	4.04	1	3
*Std AMIS0341	0.13	<0.05	43	0.23	9	3
*Std OREAS 147	2.47	9.87	18	21.38	3	5
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV857-016	4.31	1.59	21	6.17	2	4
*Rep CV857-025	5.09	1.81	23	7.59	2	4
*Std OREAS 750	1.29	0.59	14	3.13	3	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-001	0.74	<0.2	38.7	0.27	<2	28
CV857-002	0.75	<0.2	34.3	0.29	<2	24
CV857-003	0.65	<0.2	22.5	0.25	<2	12
CV857-004	0.55	<0.2	20.6	0.23	<2	11
CV857-005	0.57	<0.2	20.8	0.22	<2	11
CV857-006	0.56	<0.2	16.6	0.23	<2	6
CV857-007	0.55	<0.2	16.3	0.22	<2	6
CV857-008	0.71	<0.2	30.7	0.26	<2	23
CV857-009	0.65	<0.2	24.4	0.25	<2	13
CV857-010	0.71	<0.2	37.6	0.25	<2	27
CV857-011	0.55	<0.2	20.4	0.24	<2	6
CV857-012	0.07	<0.2	2.0	<0.05	<2	<1
CV857-013	0.38	<0.2	21.8	0.17	<2	3
CV857-014	0.36	<0.2	19.4	0.14	<2	3
CV857-015	1.18	<0.2	6.4	0.50	<2	4
CV857-016	1.44	<0.2	7.4	0.63	<2	4
CV857-017	1.67	<0.2	11.4	0.75	<2	6
CV857-018	<0.05	<0.2	1.8	<0.05	3	51
CV857-019	1.83	<0.2	10.0	0.78	<2	5
CV857-020	1.30	<0.2	7.0	0.59	<2	3
CV857-021	1.37	<0.2	9.5	0.58	<2	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-022	0.52	<0.2	18.8	0.24	<2	5
CV857-023	0.85	<0.2	4.7	0.32	<2	3
CV857-024	0.08	<0.2	11.8	<0.05	<2	<1
CV857-025	1.72	<0.2	12.9	0.69	<2	7
CV857-026	0.77	<0.2	9.5	0.32	2	4
*Std OREAS 553	0.67	0.2	30.8	0.26	2	8
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	120
*Std OREAS 147	1.15	2.6	715	0.21	8	1096
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV857-016	1.44	<0.2	7.4	0.62	<2	4
*Rep CV857-025	1.69	<0.2	12.9	0.68	<2	7
*Std OREAS 750	0.48	<0.2	16.8	0.17	<2	22
*Blk BLANK	<0.05	<0.2	0.2	<0.05	<2	1

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-001	39.2	5	9.99	46.6	0.7	6.6
CV857-002	34.6	<5	8.81	17.6	0.8	6.2
CV857-003	21.9	<5	5.61	38.3	0.3	4.0
CV857-004	19.9	<5	5.12	60.7	0.2	3.8
CV857-005	20.4	<5	5.17	61.3	0.2	3.6
CV857-006	15.4	<5	4.04	34.5	0.3	3.1
CV857-007	15.3	<5	3.95	28.0	0.2	3.2
CV857-008	29.4	<5	7.59	31.4	0.8	5.1
CV857-009	22.8	<5	5.86	19.7	0.3	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-010	35.6	70	9.24	33.2	0.5	6.2
CV857-011	19.2	10	4.85	102	0.2	3.7
CV857-012	1.7	<5	0.44	2.2	0.2	0.4
CV857-013	16.8	12	4.55	30.3	0.1	3.0
CV857-014	15.0	13	4.00	48.5	0.1	2.7
CV857-015	12.1	<5	2.34	15.3	0.6	3.8
CV857-016	14.2	<5	2.66	7.8	0.7	4.3
CV857-017	17.9	<5	3.65	25.1	0.5	5.4
CV857-018	1.4	17	0.41	663	0.6	0.3
CV857-019	18.6	<5	3.67	18.4	0.5	5.8
CV857-020	13.0	<5	2.54	19.3	0.5	4.0
CV857-021	14.7	<5	3.06	19.1	0.8	4.4
CV857-022	14.3	6	3.87	41.7	0.2	2.8
CV857-023	9.0	<5	1.73	14.0	0.5	2.9
CV857-024	7.0	<5	2.04	17.6	<0.1	1.0
CV857-025	19.0	<5	4.11	18.1	0.5	5.7
CV857-026	10.9	7	2.59	37.0	0.4	2.9
*Std OREAS 553	22.6	14	6.10	25.5	0.4	4.4
*Std AMIS0341	0.6	13	0.13	4013	12.4	0.2
*Std OREAS 147	365	28	116	1179	9.8	45.7
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Rep CV857-016	14.6	<5	2.77	7.8	0.6	4.5
*Rep CV857-025	19.1	<5	4.29	18.2	0.5	5.8
*Std OREAS 750	15.3	15	3.99	263	0.4	3.4
*Blk BLANK	<0.1	<5	<0.05	4.1	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV857-001	1	1.7	0.71	2.7	<0.5	0.30
CV857-002	1	1.6	0.72	2.1	<0.5	0.29
CV857-003	1	0.8	0.52	2.6	<0.5	0.25
CV857-004	<1	0.7	0.51	2.3	<0.5	0.23
CV857-005	1	0.7	0.50	2.4	<0.5	0.22
CV857-006	1	<0.5	0.44	2.4	<0.5	0.24
CV857-007	1	<0.5	0.45	2.4	<0.5	0.21
CV857-008	1	1.4	0.62	2.1	<0.5	0.27
CV857-009	1	0.8	0.54	2.4	<0.5	0.26
CV857-010	1	1.7	0.67	2.7	<0.5	0.26
CV857-011	1	<0.5	0.48	4.1	0.6	0.24
CV857-012	<1	<0.5	0.06	0.7	<0.5	<0.05
CV857-013	<1	<0.5	0.32	5.5	<0.5	0.16
CV857-014	<1	<0.5	0.30	5.5	<0.5	0.15
CV857-015	1	<0.5	0.85	0.6	<0.5	0.51
CV857-016	<1	<0.5	0.99	0.8	<0.5	0.60
CV857-017	2	<0.5	1.12	1.4	<0.5	0.75
CV857-018	226	38.7	0.06	0.8	3.8	<0.05
CV857-019	1	<0.5	1.27	1.2	<0.5	0.75
CV857-020	<1	<0.5	0.89	0.7	<0.5	0.55
CV857-021	1	<0.5	0.94	1.1	<0.5	0.59
CV857-022	1	<0.5	0.44	3.3	<0.5	0.20
CV857-023	<1	<0.5	0.60	0.4	<0.5	0.34
CV857-024	<1	<0.5	0.07	2.5	<0.5	<0.05
CV857-025	2	<0.5	1.22	1.7	<0.5	0.72
CV857-026	<1	<0.5	0.56	2.5	<0.5	0.32
*Std OREAS 553	2	0.6	0.61	5.4	<0.5	0.26
*Std AMIS0341	84	696	0.05	5.2	40.2	<0.05
*Std OREAS 147	728	16.1	2.19	93.2	11.5	0.29

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Rep CV857-016	<1	<0.5	1.03	0.7	<0.5	0.61
*Rep CV857-025	1	<0.5	1.19	1.7	<0.5	0.69
*Std OREAS 750	43	9.7	0.49	6.7	1.6	0.17
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV857-001	0.50	4	20.3	1.9	140	9
CV857-002	0.47	1	20.3	2.1	115	-
CV857-003	0.60	8	16.9	1.7	135	7
CV857-004	0.52	1	15.2	1.5	122	<5
CV857-005	0.55	2	15.4	1.6	121	-
CV857-006	0.59	3	15.6	1.5	140	<5
CV857-007	0.58	2	15.4	1.5	141	-
CV857-008	0.49	1	18.6	1.9	121	12
CV857-009	0.59	<1	17.2	1.7	135	-
CV857-010	0.56	2	19.0	1.7	138	6
CV857-011	1.16	4	14.9	1.6	137	-
CV857-012	0.25	<1	1.9	0.2	25.4	-
CV857-013	1.50	<1	11.1	1.1	84.4	13
CV857-014	1.58	1	9.9	0.9	99.8	8
CV857-015	0.19	1	30.8	3.4	130	<5
CV857-016	0.21	<1	37.3	4.0	150	-
CV857-017	0.39	<1	44.6	4.8	169	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 13 May 2025

ANALYSIS REPORT BBM25-49149

Order Number	CV25-857
Project	Corvette
Submission Number	Batch CDM-029
Number of Samples	26

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV857-018	7.75	5	1.7	0.1	28.2	-
CV857-019	0.30	<1	45.4	5.2	164	<5
CV857-020	0.23	<1	33.3	3.8	113	-
CV857-021	0.41	3	36.5	4.1	120	6
CV857-022	0.94	3	14.5	1.5	145	-
CV857-023	0.14	3	20.6	2.2	66.1	-
CV857-024	1.10	2	2.3	0.3	73.9	-
CV857-025	0.43	7	44.0	4.8	143	-
CV857-026	1.11	9	19.8	2.1	74.1	50
*Std OREAS 553	26.90	1	18.2	1.7	110	-
*Std AMIS0341	12.91	5	1.9	0.1	20.9	-
*Std OREAS 147	15.41	5	26.5	1.6	205	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Rep CV857-016	0.21	<1	37.2	4.1	152	-
*Rep CV857-025	0.43	9	43.5	4.7	144	-
*Std OREAS 750	4.53	5	13.3	1.1	108	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.7	-
*Std OREAS 250c	-	-	-	-	-	313
*Rep CV857-008	-	-	-	-	-	12
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-849	Date Received	18 Apr 2025
Project	Corvette	Date Analysed	26 Apr 2025 - 07 May 2025
Submission Number	Batch CDM-023	Date Completed	07 May 2025
Number of Samples	57	SGS Order Number	BBM25-49152

Methods Summary

Number of Samples	Method Code	Description
57	G_WGH_KG	Weight of samples received
57	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
57	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
5	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV849-001	3.71	7.18	47	262	<5	6.3
CV849-002	3.62	6.95	19	360	<5	5.7
CV849-003	3.04	7.11	36	218	<5	4.1
CV849-004	3.39	4.31	2385	95	<5	8.0
CV849-005	-	4.07	2302	92	<5	8.0
CV849-006	3.54	4.39	105	373	<5	3.8
CV849-007	1.12	7.92	2471	223	11	1.6
CV849-008	2.12	8.15	1340	603	8	2.3
CV849-009	2.13	8.05	1926	145	7	0.4
CV849-010	2.12	7.20	223	24	6	0.4
CV849-011	2.13	7.91	1223	879	6	2.8
CV849-012	0.51	0.13	13	11	<5	<0.1
CV849-013	3.03	6.69	27	48	<5	0.2
CV849-014	3.24	8.89	162	207	6	0.5
CV849-015	2.05	8.80	2660	382	12	1.6
CV849-016	2.23	8.32	3169	522	10	2.6
CV849-017	2.33	7.56	4734	435	9	4.3
CV849-018	0.02	8.40	31	414	108	0.8
CV849-019	2.29	5.58	1350	38	6	0.4
CV849-020	2.56	8.88	762	34	10	0.6
CV849-021	3.40	6.83	2019	419	7	6.0
CV849-022	3.80	6.81	2414	200	<5	5.8
CV849-023	2.81	9.13	848	37	13	1.3
CV849-024	1.05	9.32	6462	53	10	0.7
CV849-025	3.63	8.43	86	45	5	0.2
CV849-026	3.71	8.09	152	21	7	0.4
CV849-027	2.49	7.75	290	366	<5	2.5
CV849-028	2.32	7.87	54	308	<5	2.4
CV849-029	1.52	6.51	40	124	<5	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV849-030	-	6.72	47	98	<5	0.3
CV849-031	3.56	8.31	35	35	<5	0.3
CV849-032	3.21	8.64	633	<10	6	0.4
CV849-033	3.14	8.06	1220	<10	7	0.4
CV849-034	3.49	8.04	132	591	<5	4.1
CV849-035	3.53	8.41	35	802	<5	4.3
CV849-036	4.23	7.82	73	508	<5	4.0
CV849-037	0.51	0.17	17	14	<5	<0.1
CV849-038	3.23	7.81	147	491	<5	3.3
CV849-039	1.44	8.62	1643	64	5	0.3
CV849-040	3.42	7.51	121	218	<5	5.0
CV849-041	2.59	6.92	101	164	<5	6.2
CV849-042	2.37	4.49	1234	229	<5	5.3
CV849-043	0.02	8.33	31	60	164	0.3
CV849-044	3.42	7.20	3694	344	<5	3.9
CV849-045	2.77	6.94	935	66	6	0.3
CV849-046	3.62	8.02	70	448	<5	3.2
CV849-047	1.84	7.83	65	24	7	0.4
CV849-048	3.14	7.72	175	403	<5	3.6
CV849-049	3.62	8.46	59	444	<5	3.7
CV849-050	1.15	6.83	748	245	5	2.8
CV849-051	3.14	8.36	121	349	<5	2.6
CV849-052	2.13	7.49	27	95	<5	0.9
CV849-053	2.06	8.31	56	202	<5	0.7
CV849-054	2.33	7.80	27	290	<5	0.8
CV849-055	-	7.72	25	268	<5	0.7
CV849-056	3.14	8.63	89	376	<5	0.7
CV849-057	3.12	8.65	74	336	<5	0.6
*Dup CV849-036	-	7.88	72	506	<5	4.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Std OREAS 750	-	5.54	12	430	40	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV849-010	-	7.27	218	25	6	0.4
*Std OREAS 553	-	2.96	300	326	<5	5.5
*Std AMIS0341	-	8.80	447	159	225	0.5
*Rep CV849-027	-	7.72	291	365	<5	2.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Rep CV849-045	-	6.92	932	64	6	0.3
*Std AMIS0355	-	8.10	18	37	178	0.5
*Std OREAS 750	-	5.52	14	444	41	0.9

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV849-001	415	126	10.04	1.2	32	3.89
CV849-002	225	103	10.78	0.9	34	2.63
CV849-003	299	130	12.74	1.4	69	2.12
CV849-004	1546	51	7.82	0.5	31	9.11
CV849-005	1796	32	7.63	0.4	30	9.46
CV849-006	2149	32	7.13	3.2	159	12.17
CV849-007	516	<10	2.41	0.7	41	1.87
CV849-008	363	45	4.33	1.7	96	2.37
CV849-009	383	<10	1.99	2.2	31	0.45
CV849-010	384	<10	0.61	0.3	<10	0.15
CV849-011	498	81	4.17	2.0	92	2.55
CV849-012	432	<10	0.40	<0.1	<10	0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV849-013	429	<10	0.34	2.8	<10	0.03
CV849-014	302	<10	0.31	1.8	<10	0.02
CV849-015	383	25	1.79	1.1	44	0.61
CV849-016	303	52	4.44	1.5	133	2.28
CV849-017	368	82	6.65	1.1	98	4.05
CV849-018	44	27	1.69	2.5	4486	0.30
CV849-019	403	<10	0.97	0.4	17	0.07
CV849-020	335	<10	0.60	1.9	<10	0.04
CV849-021	773	112	7.41	1.3	145	6.02
CV849-022	906	118	6.64	1.5	93	6.01
CV849-023	290	<10	0.60	0.6	12	0.10
CV849-024	499	<10	2.19	1.1	70	1.49
CV849-025	300	<10	0.34	5.5	<10	0.06
CV849-026	360	<10	0.46	1.7	<10	0.06
CV849-027	285	62	3.96	1.6	120	1.58
CV849-028	261	26	4.37	1.3	122	2.32
CV849-029	567	<10	1.80	1.7	56	0.85
CV849-030	319	11	1.54	0.9	54	0.81
CV849-031	286	<10	0.28	5.2	<10	0.05
CV849-032	302	<10	0.53	1.3	11	0.02
CV849-033	319	<10	0.77	0.4	16	0.03
CV849-034	291	36	4.96	1.6	132	1.65
CV849-035	299	11	4.84	1.6	140	1.82
CV849-036	353	<10	4.58	1.4	141	1.96
CV849-037	427	<10	0.37	0.1	<10	0.01
CV849-038	352	22	4.75	1.6	135	2.23
CV849-039	297	<10	0.90	6.1	20	0.09
CV849-040	232	24	7.52	1.5	98	1.16
CV849-041	213	108	11.60	0.9	51	1.13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV849-042	1893	58	7.01	2.6	279	11.11
CV849-043	29	34	0.88	2.2	6787	0.05
CV849-044	820	14	4.58	1.0	99	2.86
CV849-045	337	<10	0.74	2.9	13	0.04
CV849-046	301	27	4.44	1.7	102	1.86
CV849-047	308	<10	0.41	1.8	<10	0.10
CV849-048	260	73	4.55	1.7	78	2.02
CV849-049	232	109	4.23	1.1	82	0.88
CV849-050	1410	<10	5.51	2.3	262	7.19
CV849-051	247	25	3.23	1.3	87	1.51
CV849-052	139	519	14.54	0.6	199	7.33
CV849-053	246	71	6.02	1.6	153	2.13
CV849-054	243	39	7.28	1.8	137	2.35
CV849-055	237	47	6.32	1.6	112	1.93
CV849-056	239	52	6.13	2.1	139	1.58
CV849-057	249	84	5.97	2.0	147	1.78
*Dup CV849-036	360	<10	4.58	1.4	140	1.96
*Std OREAS 750	35	19	1.70	1.8	2244	0.32
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV849-010	387	<10	0.62	0.3	<10	0.15
*Std OREAS 553	46	5695	1.27	0.7	95	5.48
*Std AMIS0341	475	47	0.96	2.9	4738	0.22
*Rep CV849-027	295	63	3.95	1.6	121	1.58
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Rep CV849-045	351	<10	0.76	2.9	13	0.04
*Std AMIS0355	298	340	1.30	1.4	7393	0.92
*Std OREAS 750	39	17	1.76	1.9	2327	0.33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV849-001	2452	132	0.04	1.64	47	22.4
CV849-002	2939	69	0.09	1.34	37	23.2
CV849-003	4048	61	0.08	2.38	41	22.8
CV849-004	1670	569	0.02	0.12	27	23.6
CV849-005	1703	672	0.01	0.15	26	24.1
CV849-006	1291	777	0.08	0.05	22	21.7
CV849-007	600	86	0.03	0.03	8	>30.0
CV849-008	962	59	0.06	0.08	14	29.4
CV849-009	535	12	0.01	0.16	15	>30.0
CV849-010	165	17	<0.01	0.17	<5	>30.0
CV849-011	948	290	0.05	0.34	15	29.2
CV849-012	24	9	<0.01	<0.01	<5	>30.0
CV849-013	113	9	<0.01	0.02	<5	>30.0
CV849-014	192	6	<0.01	0.01	<5	>30.0
CV849-015	400	27	0.02	0.09	8	>30.0
CV849-016	1015	53	0.06	0.14	16	29.7
CV849-017	1437	42	0.07	0.20	23	26.1
CV849-018	672	19	0.12	0.06	<5	>30.0
CV849-019	265	10	<0.01	0.09	9	>30.0
CV849-020	342	7	<0.01	0.03	5	>30.0
CV849-021	1438	156	0.12	0.37	30	24.3
CV849-022	1466	341	0.03	0.44	34	24.7
CV849-023	990	10	<0.01	0.02	8	>30.0
CV849-024	823	71	0.02	0.01	17	>30.0
CV849-025	237	8	<0.01	0.04	<5	>30.0
CV849-026	629	8	<0.01	0.02	<5	>30.0
CV849-027	731	48	0.06	0.18	13	29.8
CV849-028	691	42	0.07	0.06	15	29.3
CV849-029	247	20	0.02	0.05	6	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV849-030	234	17	0.02	0.04	6	>30.0
CV849-031	112	9	<0.01	<0.01	<5	>30.0
CV849-032	385	6	<0.01	0.02	<5	>30.0
CV849-033	877	11	<0.01	<0.01	7	>30.0
CV849-034	965	67	0.08	0.06	16	28.8
CV849-035	1030	62	0.07	0.03	17	28.4
CV849-036	976	71	0.07	0.01	16	28.1
CV849-037	27	7	<0.01	<0.01	<5	>30.0
CV849-038	902	79	0.06	0.04	16	29.1
CV849-039	551	10	<0.01	0.01	8	>30.0
CV849-040	2014	30	0.06	0.21	11	28.1
CV849-041	3099	31	0.06	0.93	10	26.2
CV849-042	1617	691	0.06	0.16	20	22.7
CV849-043	824	19	0.14	0.04	<5	>30.0
CV849-044	924	133	0.16	0.04	16	28.7
CV849-045	1244	8	<0.01	0.03	8	>30.0
CV849-046	941	56	0.07	0.06	16	29.0
CV849-047	318	5	<0.01	0.12	<5	>30.0
CV849-048	1159	53	0.07	0.25	15	28.8
CV849-049	930	31	0.06	0.63	12	29.9
CV849-050	1035	593	0.08	0.01	24	25.3
CV849-051	877	45	0.06	0.02	14	>30.0
CV849-052	1707	55	0.08	0.19	19	20.4
CV849-053	674	51	0.05	0.21	16	28.1
CV849-054	849	52	0.07	0.76	16	27.9
CV849-055	687	54	0.06	0.93	15	27.9
CV849-056	565	57	0.06	0.84	16	28.1
CV849-057	451	58	0.06	0.27	17	29.1
*Dup CV849-036	977	73	0.07	0.01	17	29.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std OREAS 750	395	15	0.07	0.07	<5	>30.0
*Blk BLANK	<10	5	<0.01	<0.01	<5	<0.1
*Rep CV849-010	154	20	<0.01	0.17	<5	>30.0
*Std OREAS 553	1617	30	0.04	0.28	7	25.1
*Std AMIS0341	1740	72	0.27	0.03	<5	>30.0
*Rep CV849-027	728	48	0.06	0.17	13	28.8
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Rep CV849-045	1263	22	<0.01	0.03	8	>30.0
*Std AMIS0355	1060	165	0.04	0.04	<5	>30.0
*Std OREAS 750	407	16	0.07	0.07	<5	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-001	213	0.58	279	120	<1	<5
CV849-002	189	0.96	333	132	<1	<5
CV849-003	107	0.97	358	118	<1	<5
CV849-004	147	0.28	174	188	<1	6
CV849-005	150	0.26	167	201	<1	11
CV849-006	34	0.29	148	87	<1	<5
CV849-007	183	0.16	51	60	<1	<5
CV849-008	294	0.37	95	72	<1	<5
CV849-009	79	0.08	17	147	<1	<5
CV849-010	60	0.01	9	273	<1	<5
CV849-011	373	0.38	86	106	<1	<5
CV849-012	<10	<0.01	5	<5	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-013	21	<0.01	5	115	<1	<5
CV849-014	30	<0.01	<5	60	<1	<5
CV849-015	173	0.13	37	89	<1	<5
CV849-016	261	0.40	108	81	<1	<5
CV849-017	291	0.42	167	112	<1	<5
CV849-018	83	0.15	27	95	<1	10
CV849-019	24	0.02	6	93	<1	<5
CV849-020	51	<0.01	6	59	<1	<5
CV849-021	423	0.43	207	93	<1	<5
CV849-022	238	0.34	202	147	<1	44
CV849-023	60	0.01	<5	77	<1	<5
CV849-024	92	0.10	48	122	<1	<5
CV849-025	34	<0.01	<5	540	<1	<5
CV849-026	22	<0.01	<5	244	<1	<5
CV849-027	230	0.37	88	173	<1	<5
CV849-028	189	0.41	106	104	<1	<5
CV849-029	54	0.11	29	62	<1	9
CV849-030	55	0.10	25	113	<1	8
CV849-031	28	<0.01	<5	12	<1	<5
CV849-032	14	<0.01	<5	35	<1	<5
CV849-033	14	0.01	8	61	<1	<5
CV849-034	269	0.43	109	82	<1	<5
CV849-035	305	0.44	114	95	<1	<5
CV849-036	272	0.42	110	80	<1	<5
CV849-037	<10	0.01	6	<5	<1	<5
CV849-038	237	0.40	108	147	<1	<5
CV849-039	38	0.02	<5	204	<1	<5
CV849-040	102	0.32	75	74	<1	<5
CV849-041	147	0.30	71	78	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-042	76	0.28	132	107	<1	<5
CV849-043	43	0.02	<5	104	<1	13
CV849-044	353	0.38	113	86	<1	<5
CV849-045	27	0.01	5	368	<1	<5
CV849-046	261	0.41	106	118	<1	<5
CV849-047	25	<0.01	<5	1734	<1	<5
CV849-048	255	0.40	104	335	<1	<5
CV849-049	279	0.40	93	64	<1	<5
CV849-050	109	0.30	127	143	<1	172
CV849-051	292	0.39	106	82	<1	<5
CV849-052	74	0.42	120	59	<1	26
CV849-053	199	0.39	115	2783	<1	22
CV849-054	83	0.38	113	315	<1	5
CV849-055	87	0.34	103	470	<1	<5
CV849-056	209	0.41	118	2328	<1	8
CV849-057	182	0.42	121	2146	<1	21
*Dup CV849-036	275	0.42	112	82	<1	<5
*Std OREAS 750	75	0.16	28	65	<1	11
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV849-010	62	0.01	8	281	<1	<5
*Std OREAS 553	58	0.20	78	51	<1	7
*Std AMIS0341	68	0.01	6	115	<1	23
*Rep CV849-027	229	0.37	89	173	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Rep CV849-045	27	0.01	5	349	<1	<5
*Std AMIS0355	59	0.04	18	96	<1	<5
*Std OREAS 750	80	0.16	30	66	<1	12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-001	0.2	<0.2	11.3	50.3	6.5	3.98
CV849-002	0.2	<0.2	26.9	43.6	9.2	5.95
CV849-003	0.2	<0.2	25.2	44.3	8.1	6.56
CV849-004	0.9	0.3	6.4	63.3	1.4	2.08
CV849-005	1.2	0.4	5.8	71.6	1.4	1.80
CV849-006	4.2	<0.2	23.3	70.3	165	1.85
CV849-007	9.9	<0.2	23.1	10.8	17.5	1.86
CV849-008	0.2	<0.2	38.3	16.1	31.5	3.18
CV849-009	15.5	<0.2	14.4	2.4	12.6	1.37
CV849-010	1.4	0.6	28.7	1.7	0.9	1.63
CV849-011	0.2	<0.2	35.9	23.6	24.2	3.17
CV849-012	<0.1	<0.2	3.8	0.9	0.2	0.32
CV849-013	19.9	0.3	3.5	0.6	19.1	0.38
CV849-014	6.1	<0.2	4.9	<0.5	9.0	0.44
CV849-015	13.9	<0.2	18.4	6.7	15.4	1.82
CV849-016	0.5	<0.2	36.0	21.2	62.9	3.45
CV849-017	0.2	<0.2	29.2	25.5	28.1	3.23
CV849-018	1.8	0.9	29.9	3.4	48.9	2.29
CV849-019	0.4	<0.2	22.4	0.8	1.3	2.39
CV849-020	0.7	<0.2	14.2	0.5	12.8	2.87
CV849-021	0.6	<0.2	31.7	43.1	88.4	3.11
CV849-022	0.3	0.3	17.0	49.9	57.1	2.30
CV849-023	2.2	<0.2	16.5	1.0	2.6	2.33
CV849-024	1.9	<0.2	23.1	10.9	5.9	2.71
CV849-025	0.2	1.3	6.9	0.6	52.6	0.97
CV849-026	0.5	0.6	8.6	0.6	12.9	1.34
CV849-027	<0.1	0.3	36.6	16.1	46.2	2.97
CV849-028	<0.1	<0.2	34.6	15.3	34.1	3.28
CV849-029	0.4	<0.2	8.6	5.9	15.9	1.34

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-030	0.5	0.3	10.3	5.6	7.7	1.61
CV849-031	<0.1	<0.2	8.2	<0.5	66.3	0.73
CV849-032	0.1	<0.2	18.3	<0.5	10.4	1.69
CV849-033	0.2	<0.2	11.1	<0.5	2.3	1.63
CV849-034	<0.1	<0.2	37.1	21.3	45.7	3.36
CV849-035	<0.1	<0.2	37.0	22.7	31.9	3.40
CV849-036	<0.1	<0.2	36.4	22.9	25.6	3.25
CV849-037	<0.1	<0.2	2.9	0.5	<0.1	0.31
CV849-038	<0.1	0.3	36.2	22.0	69.0	3.24
CV849-039	0.1	0.3	30.8	0.7	69.2	2.53
CV849-040	0.1	<0.2	35.9	16.7	27.6	2.86
CV849-041	1.1	<0.2	37.3	19.1	10.4	3.03
CV849-042	0.7	<0.2	22.2	63.7	176	1.82
CV849-043	2.6	1.3	3.7	1.1	69.7	0.33
CV849-044	0.1	<0.2	41.2	25.8	28.0	3.20
CV849-045	0.3	0.7	27.1	0.7	36.7	3.74
CV849-046	<0.1	<0.2	35.6	20.9	49.2	3.31
CV849-047	0.3	4.1	14.7	1.9	11.7	2.26
CV849-048	0.2	0.7	38.8	18.8	7.9	3.30
CV849-049	0.1	<0.2	38.5	11.8	9.0	3.16
CV849-050	24.2	<0.2	25.7	44.8	82.6	2.55
CV849-051	<0.1	<0.2	39.9	13.2	8.8	3.27
CV849-052	0.6	<0.2	12.8	29.3	24.5	1.14
CV849-053	0.2	7.4	25.2	17.0	7.8	2.15
CV849-054	0.2	0.7	33.9	22.6	5.6	2.45
CV849-055	0.2	1.1	44.8	26.0	5.2	2.37
CV849-056	0.2	5.7	37.5	19.3	10.7	2.30
CV849-057	0.2	5.2	26.3	17.6	10.8	2.16
*Dup CV849-036	<0.1	<0.2	36.7	22.9	25.7	3.25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 750	1.1	0.6	33.9	3.6	22.2	2.64
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Rep CV849-010	2.0	0.7	29.7	1.7	0.8	1.61
*Std OREAS 553	2.5	<0.2	51.5	5841	0.9	3.42
*Std AMIS0341	23.9	<0.2	1.0	3.9	459	0.27
*Rep CV849-027	<0.1	0.3	36.3	16.2	45.7	2.92
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Rep CV849-045	0.5	0.8	30.1	1.2	35.5	3.79
*Std AMIS0355	0.8	<0.2	5.3	49.1	279	0.92
*Std OREAS 750	1.1	0.4	31.8	3.7	23.2	2.56

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-001	2.59	0.81	16	3.14	2	2
CV849-002	3.79	1.40	19	5.31	3	4
CV849-003	4.32	1.43	20	5.87	2	4
CV849-004	1.26	0.54	11	1.82	3	<1
CV849-005	1.07	0.46	10	1.47	3	<1
CV849-006	1.06	0.48	10	2.16	2	1
CV849-007	0.99	0.37	37	2.05	3	3
CV849-008	1.96	0.94	26	3.41	3	4
CV849-009	0.87	0.16	41	1.60	2	2
CV849-010	0.80	0.14	32	2.50	3	2
CV849-011	1.96	0.82	21	3.41	2	4
CV849-012	0.23	<0.05	<1	0.32	<1	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-013	0.16	<0.05	26	0.48	2	<1
CV849-014	0.28	<0.05	37	0.58	3	<1
CV849-015	0.89	0.30	38	2.17	2	2
CV849-016	2.20	0.82	28	3.39	3	4
CV849-017	1.90	0.93	26	3.36	5	3
CV849-018	1.10	0.55	18	2.78	4	4
CV849-019	1.34	0.06	30	3.00	2	4
CV849-020	1.63	0.08	43	3.17	3	7
CV849-021	1.88	1.03	21	3.48	4	2
CV849-022	1.49	0.65	14	2.14	3	2
CV849-023	1.17	0.12	48	2.71	3	5
CV849-024	1.43	0.23	51	3.24	3	4
CV849-025	0.50	0.18	36	1.28	3	2
CV849-026	0.93	0.11	40	1.31	3	3
CV849-027	1.74	0.82	20	3.12	2	4
CV849-028	2.00	0.74	20	3.24	2	4
CV849-029	0.71	0.25	23	1.69	2	3
CV849-030	0.80	0.24	24	2.03	1	3
CV849-031	0.29	0.10	32	1.19	2	1
CV849-032	0.88	<0.05	44	2.35	3	6
CV849-033	0.87	<0.05	47	1.85	3	2
CV849-034	2.11	0.86	19	3.45	1	4
CV849-035	2.07	0.97	19	3.47	1	4
CV849-036	1.93	0.99	18	3.34	1	4
CV849-037	0.19	<0.05	<1	0.27	1	<1
CV849-038	1.83	0.87	17	3.19	2	4
CV849-039	1.35	0.12	41	3.49	3	3
CV849-040	1.77	0.84	18	2.91	1	3
CV849-041	1.85	0.85	18	2.97	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

ANALYSIS REPORT BBM25-49152

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-042	1.00	0.54	20	2.17	3	1
CV849-043	0.14	<0.05	17	0.35	6	2
CV849-044	1.87	1.02	19	3.45	2	4
CV849-045	2.18	0.11	36	4.38	3	9
CV849-046	1.96	0.92	20	3.29	1	4
CV849-047	1.16	0.23	34	3.20	3	3
CV849-048	1.88	0.90	19	3.34	2	4
CV849-049	1.82	1.01	20	3.19	1	4
CV849-050	1.43	0.49	25	2.70	3	3
CV849-051	1.87	1.00	19	3.42	1	4
CV849-052	0.86	0.30	26	1.28	2	3
CV849-053	1.26	0.41	19	2.18	1	3
CV849-054	1.40	0.80	19	2.69	1	3
CV849-055	1.44	0.91	18	2.75	1	3
CV849-056	1.30	0.77	20	2.48	2	3
CV849-057	1.23	0.55	20	2.22	2	3
*Dup CV849-036	1.91	0.94	18	3.38	1	4
*Std OREAS 750	1.27	0.57	12	2.95	2	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV849-010	0.80	0.13	33	2.44	2	2
*Std OREAS 553	1.90	0.82	8	4.06	1	3
*Std AMIS0341	0.12	<0.05	43	0.27	9	3
*Rep CV849-027	1.71	0.81	20	3.06	2	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Rep CV849-045	2.22	0.10	35	4.56	3	8
*Std AMIS0355	0.19	0.07	74	1.17	7	3
*Std OREAS 750	1.32	0.60	13	2.90	3	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-001	0.83	<0.2	4.7	0.38	23	2
CV849-002	1.25	<0.2	12.0	0.56	5	5
CV849-003	1.40	<0.2	10.8	0.63	30	5
CV849-004	0.43	<0.2	2.7	0.17	5	1
CV849-005	0.37	<0.2	2.4	0.14	3	<1
CV849-006	0.35	<0.2	11.3	0.14	<2	3
CV849-007	0.35	<0.2	10.8	0.22	<2	32
CV849-008	0.64	<0.2	19.3	0.29	<2	12
CV849-009	0.26	<0.2	6.8	0.24	<2	83
CV849-010	0.25	<0.2	10.9	0.25	18	128
CV849-011	0.65	<0.2	18.1	0.30	<2	14
CV849-012	0.06	<0.2	1.9	<0.05	<2	<1
CV849-013	0.06	<0.2	1.4	0.05	18	22
CV849-014	0.08	<0.2	2.1	0.10	<2	36
CV849-015	0.34	<0.2	8.3	0.17	3	68
CV849-016	0.71	<0.2	18.0	0.35	<2	15
CV849-017	0.66	<0.2	14.7	0.28	<2	12
CV849-018	0.44	<0.2	14.9	0.16	3	37
CV849-019	0.40	<0.2	7.8	0.38	<2	144
CV849-020	0.52	<0.2	5.5	0.52	<2	116
CV849-021	0.61	<0.2	15.1	0.26	<2	7
CV849-022	0.50	<0.2	8.3	0.23	<2	2
CV849-023	0.40	<0.2	6.4	0.47	<2	235
CV849-024	0.46	<0.2	8.2	0.47	<2	165
CV849-025	0.16	<0.2	2.6	0.17	<2	37
CV849-026	0.25	<0.2	3.4	0.38	<2	55
CV849-027	0.61	<0.2	18.5	0.26	<2	8
CV849-028	0.67	<0.2	17.0	0.31	<2	7
CV849-029	0.21	<0.2	2.9	0.16	2	36

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-030	0.28	<0.2	3.8	0.19	2	74
CV849-031	0.13	<0.2	3.0	0.06	<2	35
CV849-032	0.29	<0.2	6.6	0.32	<2	108
CV849-033	0.29	<0.2	4.0	0.27	<2	101
CV849-034	0.70	<0.2	18.5	0.31	<2	6
CV849-035	0.72	<0.2	18.3	0.34	<2	6
CV849-036	0.67	<0.2	18.2	0.28	<2	5
CV849-037	0.06	<0.2	1.6	<0.05	<2	<1
CV849-038	0.64	<0.2	18.0	0.27	<2	6
CV849-039	0.44	<0.2	11.0	0.43	<2	88
CV849-040	0.58	<0.2	18.4	0.27	3	5
CV849-041	0.59	<0.2	19.4	0.29	<2	5
CV849-042	0.36	<0.2	10.3	0.15	<2	7
CV849-043	<0.05	<0.2	1.9	<0.05	3	51
CV849-044	0.64	<0.2	20.5	0.27	<2	6
CV849-045	0.71	<0.2	9.4	0.74	<2	116
CV849-046	0.66	<0.2	17.9	0.29	<2	7
CV849-047	0.37	<0.2	5.0	0.34	<2	113
CV849-048	0.65	<0.2	19.6	0.29	<2	6
CV849-049	0.64	<0.2	20.1	0.27	<2	5
CV849-050	0.50	<0.2	12.7	0.24	2	20
CV849-051	0.64	<0.2	20.2	0.25	<2	6
CV849-052	0.26	<0.2	5.0	0.20	3	5
CV849-053	0.43	<0.2	11.2	0.20	<2	4
CV849-054	0.50	<0.2	17.4	0.21	<2	4
CV849-055	0.49	<0.2	23.3	0.21	<2	4
CV849-056	0.47	<0.2	18.3	0.21	<2	5
CV849-057	0.42	<0.2	12.1	0.20	<2	5
*Dup CV849-036	0.66	<0.2	18.2	0.28	<2	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 750	0.49	<0.2	17.2	0.17	<2	19
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Rep CV849-010	0.26	<0.2	11.5	0.23	17	133
*Std OREAS 553	0.67	<0.2	30.9	0.25	2	8
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	116
*Rep CV849-027	0.57	<0.2	18.1	0.27	3	8
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	1
*Rep CV849-045	0.68	<0.2	10.4	0.75	<2	111
*Std AMIS0355	0.09	<0.2	2.9	<0.05	<2	49
*Std OREAS 750	0.48	<0.2	15.9	0.17	<2	20

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-001	7.6	8	1.60	39.6	0.3	2.4
CV849-002	16.5	7	3.58	29.3	0.5	4.4
CV849-003	16.2	5	3.38	54.5	0.2	4.5
CV849-004	4.6	39	0.90	20.6	<0.1	1.4
CV849-005	3.9	34	0.80	19.0	0.1	1.2
CV849-006	12.4	<5	2.95	192	<0.1	2.5
CV849-007	11.0	40	2.80	90.1	<0.1	2.4
CV849-008	17.5	28	4.39	225	<0.1	3.5
CV849-009	6.8	101	1.81	345	<0.1	1.6
CV849-010	15.6	132	3.96	11.2	<0.1	3.6
CV849-011	16.1	32	4.17	223	0.1	3.3
CV849-012	1.6	<5	0.43	1.3	0.2	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-013	2.0	200	0.46	561	<0.1	0.6
CV849-014	2.4	97	0.60	335	<0.1	0.7
CV849-015	9.1	73	2.30	177	<0.1	2.4
CV849-016	15.9	22	4.14	311	<0.1	3.4
CV849-017	15.3	9	3.60	196	<0.1	3.4
CV849-018	13.9	19	3.57	472	0.5	3.0
CV849-019	13.5	42	3.34	43.8	<0.1	3.9
CV849-020	8.9	95	2.12	408	<0.1	3.1
CV849-021	17.4	8	3.98	282	0.1	3.8
CV849-022	8.8	65	2.05	215	0.3	2.1
CV849-023	9.3	128	2.39	67.2	<0.1	3.0
CV849-024	13.6	107	3.41	164	<0.1	4.0
CV849-025	4.6	452	1.06	1184	<0.1	1.5
CV849-026	4.6	149	1.16	324	<0.1	1.4
CV849-027	16.4	109	4.25	215	<0.1	3.3
CV849-028	15.7	101	4.04	144	<0.1	3.2
CV849-029	6.6	162	1.42	274	0.1	1.9
CV849-030	7.1	77	1.59	107	0.1	2.2
CV849-031	5.4	148	1.22	1245	<0.1	1.6
CV849-032	11.0	85	2.73	258	<0.1	3.1
CV849-033	6.7	29	1.59	62.0	<0.1	2.2
CV849-034	17.5	10	4.38	285	<0.1	3.4
CV849-035	17.2	7	4.37	157	<0.1	3.5
CV849-036	17.2	6	4.23	86.4	<0.1	3.4
CV849-037	1.3	<5	0.34	1.1	0.2	0.3
CV849-038	16.2	66	4.19	208	<0.1	3.4
CV849-039	18.6	191	4.52	1440	<0.1	4.7
CV849-040	15.4	7	4.02	161	<0.1	3.0
CV849-041	16.0	6	4.13	56.8	<0.1	3.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-042	12.2	6	2.82	421	0.1	2.3
CV849-043	1.5	17	0.40	643	0.6	0.4
CV849-044	18.6	7	4.80	108	<0.1	3.6
CV849-045	17.1	139	4.08	644	<0.1	5.0
CV849-046	16.5	18	4.23	192	<0.1	3.3
CV849-047	10.4	1424	2.37	321	0.1	3.6
CV849-048	17.5	271	4.48	98.6	0.1	3.5
CV849-049	17.0	9	4.39	40.9	<0.1	3.4
CV849-050	12.8	12	3.13	215	0.8	2.9
CV849-051	17.4	8	4.53	45.2	<0.1	3.6
CV849-052	7.4	36	1.71	26.7	0.2	1.4
CV849-053	12.7	1132	3.14	73.9	0.2	2.5
CV849-054	16.6	158	4.17	63.3	0.1	3.1
CV849-055	21.1	136	5.22	55.7	0.1	3.7
CV849-056	15.6	246	4.18	99.8	0.1	2.7
CV849-057	12.9	1392	3.19	98.5	0.2	2.5
*Dup CV849-036	17.3	6	4.38	86.1	<0.1	3.4
*Std OREAS 750	16.1	14	4.06	237	0.3	3.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Rep CV849-010	16.6	129	4.16	11.0	<0.1	3.7
*Std OREAS 553	23.1	13	6.19	24.3	0.4	4.4
*Std AMIS0341	0.6	12	0.11	3777	11.4	0.2
*Rep CV849-027	16.3	112	4.19	213	<0.1	3.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Rep CV849-045	18.8	133	4.54	620	<0.1	5.4
*Std AMIS0355	2.1	8	0.60	3688	0.3	1.2
*Std OREAS 750	15.1	15	3.89	248	0.4	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-001	<1	<0.5	0.57	0.6	<0.5	0.38
CV849-002	1	<0.5	0.88	1.6	<0.5	0.55
CV849-003	1	<0.5	1.00	1.5	<0.5	0.61
CV849-004	3	<0.5	0.32	0.3	<0.5	0.17
CV849-005	2	<0.5	0.26	0.2	<0.5	0.15
CV849-006	<1	<0.5	0.30	1.5	1.2	0.15
CV849-007	2	13.0	0.31	4.1	0.6	0.17
CV849-008	3	2.9	0.51	3.8	1.2	0.27
CV849-009	<1	31.4	0.25	4.3	1.9	0.17
CV849-010	<1	45.0	0.33	15.9	<0.5	0.16
CV849-011	2	1.7	0.50	5.3	1.2	0.28
CV849-012	<1	<0.5	0.05	0.9	<0.5	<0.05
CV849-013	<1	12.7	0.07	0.8	3.2	<0.05
CV849-014	<1	19.1	0.08	1.0	1.8	0.06
CV849-015	<1	42.8	0.31	3.9	1.0	0.15
CV849-016	4	4.5	0.52	4.3	2.1	0.33
CV849-017	5	2.4	0.52	3.0	1.2	0.27
CV849-018	155	26.2	0.40	5.8	2.9	0.17
CV849-019	<1	57.5	0.45	10.9	<0.5	0.25
CV849-020	<1	48.1	0.50	7.6	2.2	0.33
CV849-021	3	3.1	0.50	3.4	1.8	0.26
CV849-022	2	<0.5	0.37	1.6	1.2	0.22
CV849-023	<1	173	0.44	5.2	<0.5	0.26
CV849-024	2	106	0.49	8.7	0.9	0.32
CV849-025	<1	18.7	0.18	3.8	6.7	0.10
CV849-026	<1	35.9	0.22	2.8	1.8	0.21
CV849-027	1	1.0	0.47	4.4	1.3	0.26
CV849-028	2	1.6	0.51	3.7	0.8	0.30
CV849-029	<1	18.4	0.24	4.3	1.4	0.12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV849-030	<1	34.3	0.29	5.4	0.5	0.14
CV849-031	<1	23.2	0.17	3.8	7.0	0.06
CV849-032	<1	52.2	0.33	6.8	1.4	0.18
CV849-033	<1	56.3	0.28	3.9	<0.5	0.17
CV849-034	1	0.7	0.54	3.5	2.0	0.30
CV849-035	1	0.7	0.55	3.2	1.0	0.33
CV849-036	<1	<0.5	0.51	3.1	<0.5	0.27
CV849-037	<1	<0.5	<0.05	0.7	<0.5	<0.05
CV849-038	1	0.8	0.51	3.0	1.3	0.27
CV849-039	<1	35.8	0.49	13.0	8.2	0.25
CV849-040	1	0.5	0.43	3.5	0.9	0.26
CV849-041	2	0.6	0.46	3.4	<0.5	0.28
CV849-042	2	1.2	0.32	1.6	2.9	0.15
CV849-043	239	40.8	0.06	0.9	3.9	<0.05
CV849-044	2	1.9	0.52	3.5	0.7	0.26
CV849-045	<1	58.8	0.66	13.6	3.4	0.48
CV849-046	2	3.1	0.54	3.5	1.2	0.30
CV849-047	<1	68.6	0.42	6.3	1.7	0.21
CV849-048	2	1.0	0.51	3.4	<0.5	0.28
CV849-049	1	<0.5	0.50	4.1	<0.5	0.27
CV849-050	2	14.6	0.41	2.7	1.5	0.22
CV849-051	1	<0.5	0.50	3.6	<0.5	0.27
CV849-052	2	<0.5	0.17	2.7	<0.5	0.14
CV849-053	1	<0.5	0.37	3.2	<0.5	0.19
CV849-054	<1	<0.5	0.41	3.0	<0.5	0.21
CV849-055	<1	<0.5	0.39	2.9	<0.5	0.21
CV849-056	<1	<0.5	0.37	3.8	0.5	0.21
CV849-057	<1	<0.5	0.35	3.3	<0.5	0.19
*Dup CV849-036	<1	<0.5	0.53	3.0	<0.5	0.27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

ANALYSIS REPORT BBM25-49152

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 750	42	9.7	0.45	6.7	1.4	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Rep CV849-010	<1	46.2	0.34	15.9	<0.5	0.16
*Std OREAS 553	1	0.6	0.59	6.0	<0.5	0.27
*Std AMIS0341	81	691	0.06	4.7	39.1	<0.05
*Rep CV849-027	1	1.0	0.46	4.2	1.3	0.26
*Blk BLANK	<1	<0.5	<0.05	0.1	<0.5	<0.05
*Rep CV849-045	<1	56.5	0.68	13.7	3.3	0.45
*Std AMIS0355	496	214	0.25	5.0	29.0	<0.05
*Std OREAS 750	43	9.6	0.44	6.0	1.5	0.19

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV849-001	0.19	17	22.2	2.6	61.0	-
CV849-002	0.44	2	33.5	3.8	144	-
CV849-003	0.40	2	36.6	4.1	133	-
CV849-004	0.10	11	10.7	1.2	32.0	-
CV849-005	0.09	12	9.6	1.0	29.6	-
CV849-006	0.45	<1	9.6	1.0	44.9	-
CV849-007	2.85	<1	13.2	1.3	69.1	-
CV849-008	0.99	2	19.1	1.9	157	-
CV849-009	4.73	2	13.5	1.3	33.4	-
CV849-010	8.07	2	14.3	1.4	13.0	-
CV849-011	1.36	2	19.3	1.9	161	-
CV849-012	0.33	<1	1.9	0.3	36.8	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV849-013	1.20	<1	4.4	0.3	3.4	-
CV849-014	1.24	<1	6.3	0.5	5.3	-
CV849-015	4.12	2	14.0	1.1	51.7	-
CV849-016	1.03	17	20.6	2.3	153	-
CV849-017	0.85	<1	18.2	1.9	95.3	-
CV849-018	6.62	7	11.7	1.0	108	-
CV849-019	10.32	2	22.5	2.2	27.3	-
CV849-020	9.45	2	30.8	2.9	45.0	-
CV849-021	0.91	10	16.9	1.8	69.4	-
CV849-022	0.67	<1	13.9	1.4	49.1	-
CV849-023	5.86	3	33.6	2.6	19.3	-
CV849-024	12.74	3	32.0	2.7	31.0	-
CV849-025	2.66	<1	12.5	1.0	9.4	-
CV849-026	2.88	<1	19.3	2.0	16.6	-
CV849-027	1.11	79	16.4	1.7	138	-
CV849-028	0.98	5	19.1	2.1	134	-
CV849-029	2.56	5	12.2	1.0	44.7	-
CV849-030	3.84	9	14.0	1.2	42.4	-
CV849-031	1.60	<1	6.9	0.4	4.9	-
CV849-032	8.44	1	17.0	1.7	33.0	-
CV849-033	5.71	2	18.8	1.7	11.4	-
CV849-034	0.77	10	19.3	2.0	145	-
CV849-035	0.81	<1	18.6	2.1	141	-
CV849-036	0.74	<1	17.6	1.8	139	-
CV849-037	0.25	<1	1.8	0.2	21.8	-
CV849-038	0.78	2	17.5	1.9	130	-
CV849-039	9.00	1	24.3	2.4	22.6	-
CV849-040	0.80	<1	16.0	1.7	118	-
CV849-041	0.84	49	17.6	1.9	119	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 08 May 2025

ANALYSIS REPORT BBM25-49152

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV849-042	0.43	<1	10.7	1.0	50.0	-
CV849-043	8.14	5	1.8	0.1	27.2	-
CV849-044	1.14	<1	17.4	1.7	149	-
CV849-045	11.38	1	45.4	4.3	55.6	-
CV849-046	0.83	3	19.2	2.0	139	-
CV849-047	5.88	1	20.9	1.9	24.8	-
CV849-048	1.19	8	20.1	1.8	129	-
CV849-049	0.97	1	17.4	1.8	138	-
CV849-050	2.54	1	17.4	1.6	61.2	-
CV849-051	0.89	<1	17.1	1.7	149	-
CV849-052	0.69	5	7.9	1.1	111	<5
CV849-053	0.89	4	11.4	1.3	113	<5
CV849-054	0.84	3	12.6	1.4	103	<5
CV849-055	0.77	2	12.7	1.4	97.0	-
CV849-056	1.06	3	11.7	1.3	119	<5
CV849-057	0.96	3	10.6	1.2	114	<5
*Dup CV849-036	0.74	<1	17.2	1.9	137	-
*Std OREAS 750	4.36	5	13.1	1.2	106	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Rep CV849-010	8.28	2	14.3	1.4	11.9	-
*Std OREAS 553	23.36	1	18.0	1.7	108	-
*Std AMIS0341	12.59	5	1.8	<0.1	21.0	-
*Rep CV849-027	1.09	82	16.5	1.6	134	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Rep CV849-045	10.71	1	44.2	4.3	50.4	-
*Std AMIS0355	5.88	2	4.8	0.2	22.1	-
*Std OREAS 750	4.24	6	12.5	1.1	106	-
*Std OREAS L12	-	-	-	-	-	635
*Blk BLANK	-	-	-	-	-	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 08 May 2025

Order Number	CV25-849
Project	Corvette
Submission Number	Batch CDM-023
Number of Samples	57

ANALYSIS REPORT BBM25-49152

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-861	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	01 May 2025 - 16 May 2025
Submission Number	Batch CDM-031	Date Completed	16 May 2025
Number of Samples	20	SGS Order Number	BBM25-49241

Methods Summary

Number of Samples	Method Code	Description
20	G_WGH_KG	Weight of samples received
20	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
20	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
10	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV861-001	3.55	8.28	42	156	<5	6.1
CV861-002	4.58	9.19	51	197	<5	3.4
CV861-003	3.48	7.93	45	340	<5	3.2
CV861-004	3.75	7.89	<10	69	<5	7.1
CV861-005	-	7.95	<10	64	<5	7.3
CV861-006	1.40	6.60	<10	15	<5	6.4
CV861-007	3.68	7.29	<10	91	<5	7.1
CV861-008	3.17	6.92	25	441	<5	1.5
CV861-009	4.33	7.46	36	626	<5	2.0
CV861-010	4.52	7.43	20	524	<5	2.2
CV861-011	3.52	7.16	90	452	<5	1.5
CV861-012	0.50	0.13	<10	16	<5	<0.1
CV861-013	3.55	7.07	163	503	<5	1.3
CV861-014	4.63	6.78	81	386	<5	1.2
CV861-015	3.42	7.33	67	438	<5	1.5
CV861-016	1.25	7.46	25	511	<5	4.4
CV861-017	1.87	6.23	129	190	<5	4.4
CV861-018	0.02	8.77	23	57	155	0.2
CV861-019	3.72	8.52	20	243	<5	5.6
CV861-020	3.52	8.87	<10	450	<5	4.5
*Rep CV861-011	-	7.20	89	454	<5	1.5
*Std AMIS0341	-	8.85	432	154	209	0.5
*Std OREAS 149	-	7.79	28	2732	27	1.0
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 553	-	3.01	313	323	<5	5.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV861-001	301	108	7.59	1.0	35	2.71
CV861-002	210	50	5.10	0.5	30	2.70
CV861-003	222	17	4.52	1.5	30	0.92
CV861-004	515	82	7.93	0.2	32	4.64
CV861-005	463	83	8.02	0.2	31	4.69
CV861-006	211	67	17.85	0.2	31	2.50
CV861-007	199	114	11.64	0.5	55	3.02
CV861-008	282	26	2.44	1.7	25	0.56
CV861-009	217	17	3.35	1.8	30	1.12
CV861-010	273	22	3.84	2.0	31	1.24
CV861-011	293	16	2.86	1.2	21	0.80
CV861-012	367	<10	0.34	<0.1	<10	0.01
CV861-013	335	16	3.45	1.4	22	0.92
CV861-014	309	23	2.69	1.4	20	0.76
CV861-015	350	24	3.17	1.5	25	1.01
CV861-016	374	17	5.54	1.7	37	2.42
CV861-017	299	25	7.37	0.9	39	1.07
CV861-018	27	35	0.88	2.1	7243	0.05
CV861-019	175	45	8.75	1.3	42	1.26
CV861-020	723	44	6.74	0.9	38	2.59
*Rep CV861-011	317	14	2.88	1.2	20	0.81
*Std AMIS0341	430	50	0.94	2.8	5000	0.21
*Std OREAS 149	98	325	4.18	1.4	10150	0.52
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 553	43	5711	1.26	0.7	105	5.31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV861-001	1923	92	0.06	0.16	41	25.8
CV861-002	720	46	0.07	<0.01	23	28.9
CV861-003	977	17	0.06	0.02	18	28.9
CV861-004	1640	95	0.02	<0.01	47	25.1
CV861-005	1667	91	0.02	<0.01	48	24.5
CV861-006	5565	65	0.08	0.60	43	22.3
CV861-007	2904	75	0.03	0.11	49	24.6
CV861-008	349	28	0.03	0.19	6	>30.0
CV861-009	435	26	0.07	0.20	10	>30.0
CV861-010	501	29	0.09	0.31	10	>30.0
CV861-011	328	41	0.03	0.45	7	>30.0
CV861-012	24	8	<0.01	<0.01	<5	>30.0
CV861-013	362	49	0.04	0.82	9	>30.0
CV861-014	313	38	0.03	0.39	7	>30.0
CV861-015	358	48	0.04	0.21	8	>30.0
CV861-016	892	119	0.06	0.10	16	28.9
CV861-017	2286	17	0.08	0.08	19	>30.0
CV861-018	809	16	0.14	0.04	<5	>30.0
CV861-019	2377	22	0.12	0.01	24	27.3
CV861-020	1976	154	0.10	<0.01	29	26.8
*Rep CV861-011	334	47	0.03	0.44	7	>30.0
*Std AMIS0341	1716	25	0.27	0.02	<5	>30.0
*Std OREAS 149	443	33	0.10	0.03	7	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 553	1595	24	0.05	0.28	7	26.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV861-001	94	0.84	318	130	<1	20
CV861-002	265	0.52	158	86	<1	<5
CV861-003	161	0.41	104	77	<1	<5
CV861-004	115	0.32	239	75	<1	<5
CV861-005	115	0.33	244	79	<1	<5
CV861-006	155	1.09	268	287	<1	<5
CV861-007	173	0.59	319	123	<1	9
CV861-008	222	0.20	50	53	<1	18
CV861-009	353	0.29	72	66	<1	188
CV861-010	355	0.30	79	67	<1	459
CV861-011	284	0.17	51	43	<1	6446
CV861-012	<10	<0.01	6	6	<1	8
CV861-013	231	0.21	65	61	<1	>10000
CV861-014	211	0.17	51	48	<1	1601
CV861-015	251	0.21	62	49	<1	794
CV861-016	291	0.38	123	71	<1	132
CV861-017	95	0.45	98	88	<1	<5
CV861-018	41	0.02	<5	95	<1	14
CV861-019	145	0.59	133	115	<1	<5
CV861-020	281	0.53	185	92	<1	52
*Rep CV861-011	288	0.17	52	44	<1	6421
*Std AMIS0341	65	0.01	6	109	<1	23
*Std OREAS 149	219	0.35	71	335	2	142
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 553	57	0.20	74	49	<1	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV861-001	<0.1	0.3	19.7	50.5	2.0	5.14
CV861-002	<0.1	<0.2	33.2	27.0	1.4	3.01
CV861-003	<0.1	<0.2	47.6	19.4	2.3	3.87
CV861-004	<0.1	<0.2	5.2	46.4	0.4	2.61
CV861-005	<0.1	<0.2	5.4	46.6	0.3	2.65
CV861-006	<0.1	0.7	25.9	50.4	0.2	7.87
CV861-007	<0.1	0.2	10.9	55.7	1.0	4.02
CV861-008	<0.1	<0.2	39.0	11.0	2.7	1.93
CV861-009	0.1	<0.2	69.1	14.3	4.0	3.09
CV861-010	0.2	<0.2	55.1	14.6	4.6	2.32
CV861-011	0.3	<0.2	39.4	12.0	2.3	1.47
CV861-012	<0.1	<0.2	3.2	0.6	0.1	0.40
CV861-013	0.8	<0.2	45.3	15.4	2.2	1.76
CV861-014	0.3	<0.2	35.4	10.3	2.3	1.35
CV861-015	0.2	<0.2	41.2	14.5	2.9	1.68
CV861-016	<0.1	<0.2	38.2	29.2	2.9	2.53
CV861-017	<0.1	<0.2	35.8	17.3	1.4	4.41
CV861-018	2.7	1.8	3.7	1.2	67.2	0.40
CV861-019	<0.1	<0.2	53.7	23.2	2.0	6.46
CV861-020	<0.1	<0.2	52.9	39.7	2.3	3.56
*Rep CV861-011	0.3	<0.2	40.5	11.5	2.3	1.51
*Std AMIS0341	23.9	<0.2	1.0	3.7	490	0.26
*Std OREAS 149	50.4	1.0	463	7.9	330	4.66
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Std OREAS 553	2.6	0.2	53.2	6593	0.8	3.60

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV861-001	3.27	1.27	20	4.70	2	3
CV861-002	1.73	0.99	18	3.30	1	3
CV861-003	2.22	1.23	18	4.07	1	4
CV861-004	1.73	0.48	14	2.03	2	1
CV861-005	1.81	0.52	14	2.00	2	1
CV861-006	5.07	1.68	19	6.86	2	4
CV861-007	2.76	0.97	18	3.47	2	2
CV861-008	1.13	0.65	15	2.13	1	3
CV861-009	1.71	1.17	16	3.90	1	4
CV861-010	1.18	1.10	17	3.21	1	3
CV861-011	0.81	0.73	15	1.85	1	3
CV861-012	0.26	<0.05	<1	0.31	1	1
CV861-013	0.98	0.73	16	2.27	1	2
CV861-014	0.76	0.61	14	1.77	1	2
CV861-015	0.94	0.79	16	2.12	1	3
CV861-016	1.60	1.00	16	3.07	1	3
CV861-017	3.04	1.06	14	4.17	1	3
CV861-018	0.13	<0.05	18	0.34	6	2
CV861-019	4.37	1.47	19	6.03	1	5
CV861-020	2.04	1.44	17	4.20	1	3
*Rep CV861-011	0.75	0.72	14	1.98	1	2
*Std AMIS0341	0.13	<0.05	45	0.24	9	3
*Std OREAS 149	1.71	4.18	46	9.13	7	5
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 553	1.98	0.89	8	4.38	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV861-001	1.09	<0.2	8.3	0.47	<2	4
CV861-002	0.56	<0.2	15.5	0.24	<2	4
CV861-003	0.72	<0.2	23.4	0.34	<2	5
CV861-004	0.56	<0.2	2.3	0.28	<2	<1
CV861-005	0.54	<0.2	2.3	0.26	<2	<1
CV861-006	1.58	<0.2	11.0	0.73	<2	5
CV861-007	0.84	<0.2	4.5	0.39	<2	2
CV861-008	0.35	<0.2	21.0	0.16	<2	3
CV861-009	0.55	<0.2	35.4	0.24	<2	4
CV861-010	0.41	<0.2	27.6	0.16	<2	4
CV861-011	0.26	<0.2	21.2	0.11	<2	3
CV861-012	0.08	<0.2	1.8	<0.05	<2	<1
CV861-013	0.33	<0.2	24.3	0.14	<2	3
CV861-014	0.26	<0.2	19.1	0.12	<2	3
CV861-015	0.30	<0.2	21.7	0.13	<2	3
CV861-016	0.52	<0.2	18.8	0.25	<2	4
CV861-017	0.90	<0.2	16.8	0.50	<2	4
CV861-018	0.05	<0.2	2.0	<0.05	3	53
CV861-019	1.30	<0.2	25.5	0.68	<2	6
CV861-020	0.66	<0.2	23.7	0.27	<2	4
*Rep CV861-011	0.27	<0.2	22.2	0.11	<2	3
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	122
*Std OREAS 149	0.69	10.9	260	0.19	11	6280
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 553	0.67	<0.2	32.0	0.25	2	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV861-001	13.2	<5	2.71	26.6	0.4	3.7
CV861-002	16.6	<5	3.85	15.8	0.1	3.4
CV861-003	22.1	8	5.37	52.4	<0.1	4.6
CV861-004	4.0	<5	0.74	2.3	0.4	1.3
CV861-005	3.8	<5	0.72	2.2	0.4	1.3
CV861-006	17.5	<5	3.44	1.1	0.7	5.2
CV861-007	7.9	<5	1.52	15.1	0.5	2.5
CV861-008	15.8	9	4.06	53.6	0.3	2.6
CV861-009	29.6	11	7.44	60.1	0.2	5.1
CV861-010	25.3	12	6.12	69.7	0.3	4.3
CV861-011	15.3	13	3.97	37.3	1.2	2.6
CV861-012	1.5	<5	0.34	1.0	0.2	0.3
CV861-013	17.2	13	4.57	41.7	2.3	2.9
CV861-014	14.0	12	3.63	42.0	0.4	2.4
CV861-015	16.8	14	4.36	51.3	0.3	2.9
CV861-016	17.7	7	4.25	56.1	0.3	3.3
CV861-017	18.5	<5	4.25	28.2	0.3	4.0
CV861-018	1.6	17	0.40	680	0.7	0.3
CV861-019	27.1	6	6.19	43.1	0.4	5.9
CV861-020	28.1	5	6.54	29.5	0.4	5.1
*Rep CV861-011	15.9	13	4.07	37.1	1.1	2.8
*Std AMIS0341	0.6	13	0.10	4232	11.3	0.2
*Std OREAS 149	148	37	45.24	829	25.0	19.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 553	24.2	14	6.05	24.3	0.3	4.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV861-001	1	<0.5	0.78	1.1	<0.5	0.46
CV861-002	<1	<0.5	0.44	2.3	<0.5	0.22
CV861-003	<1	<0.5	0.58	5.1	<0.5	0.32
CV861-004	<1	<0.5	0.35	0.3	<0.5	0.27
CV861-005	<1	<0.5	0.35	0.2	<0.5	0.26
CV861-006	1	<0.5	1.09	1.3	<0.5	0.71
CV861-007	<1	<0.5	0.58	0.5	<0.5	0.38
CV861-008	<1	<0.5	0.30	4.4	<0.5	0.16
CV861-009	<1	<0.5	0.48	5.5	<0.5	0.24
CV861-010	<1	<0.5	0.38	4.4	<0.5	0.17
CV861-011	<1	<0.5	0.25	5.3	<0.5	0.12
CV861-012	<1	<0.5	0.05	0.8	<0.5	<0.05
CV861-013	<1	<0.5	0.29	6.8	<0.5	0.14
CV861-014	<1	<0.5	0.22	4.5	<0.5	0.11
CV861-015	<1	<0.5	0.27	5.7	<0.5	0.12
CV861-016	<1	<0.5	0.38	3.7	<0.5	0.22
CV861-017	<1	<0.5	0.63	2.5	<0.5	0.45
CV861-018	238	42.4	0.06	0.8	4.0	<0.05
CV861-019	<1	<0.5	0.91	3.7	<0.5	0.62
CV861-020	<1	<0.5	0.55	2.6	<0.5	0.27
*Rep CV861-011	<1	<0.5	0.23	5.4	<0.5	0.11
*Std AMIS0341	82	749	<0.05	4.8	41.1	<0.05
*Std OREAS 149	3191	27.4	0.98	112	7.4	0.21
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 553	<1	0.5	0.58	5.3	<0.5	0.27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV861-001	0.31	2	27.1	3.0	93.7	-
CV861-002	0.63	<1	15.1	1.7	107	<5
CV861-003	1.49	1	20.3	2.2	163	-
CV861-004	0.08	<1	14.7	1.8	34.5	-
CV861-005	0.09	<1	15.7	1.8	35.9	-
CV861-006	0.37	<1	43.7	4.9	129	<5
CV861-007	0.15	5	23.3	2.8	62.4	-
CV861-008	1.18	2	10.1	1.1	106	-
CV861-009	1.36	3	16.1	1.7	155	<5
CV861-010	1.52	10	11.4	1.1	133	6
CV861-011	1.78	2	7.8	0.8	99.2	21
CV861-012	0.38	<1	2.3	0.3	45.5	-
CV861-013	1.88	7	9.5	1.0	105	27
CV861-014	1.43	2	7.2	0.7	84.8	17
CV861-015	1.95	2	8.7	0.9	98.7	<5
CV861-016	1.39	6	14.5	1.6	108	<5
CV861-017	0.63	30	26.0	3.3	132	<5
CV861-018	8.43	5	1.8	0.1	31.3	-
CV861-019	0.93	<1	37.8	4.5	191	-
CV861-020	0.62	<1	17.7	1.8	113	-
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1230
*Std OREAS L12	-	-	-	-	-	622
*Rep CV861-011	1.61	3	7.8	0.8	82.9	-
*Std AMIS0341	13.59	5	1.9	0.1	21.6	-
*Std OREAS 149	24.43	14	17.4	1.4	167	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.5	-
*Std OREAS 553	27.87	1	18.3	1.8	104	-

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49241

Order Number	CV25-861
Project	Corvette
Submission Number	Batch CDM-031
Number of Samples	20

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-855	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	30 Apr 2025 - 16 May 2025
Submission Number	Batch CDM-027	Date Completed	16 May 2025
Number of Samples	65	SGS Order Number	BBM25-49242

Methods Summary

Number of Samples	Method Code	Description
65	G_WGH_KG	Weight of samples received
65	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
65	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
8	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV855-001	3.37	7.88	28	462	<5	4.3
CV855-002	2.12	7.46	1917	588	<5	1.5
CV855-003	3.36	8.95	122	418	<5	0.9
CV855-004	4.00	0.98	42	26	<5	2.6
CV855-005	-	0.97	43	25	<5	2.6
CV855-006	3.60	5.88	142	409	<5	2.2
CV855-007	2.19	7.06	454	72	6	0.4
CV855-008	1.10	7.63	301	156	5	4.0
CV855-009	3.43	8.77	56	285	<5	4.5
CV855-010	2.53	7.98	105	161	<5	3.9
CV855-011	3.34	8.60	533	166	<5	6.0
CV855-012	0.51	0.14	<10	13	<5	<0.1
CV855-013	3.52	8.28	83	452	<5	3.3
CV855-014	2.13	9.47	395	682	<5	6.2
CV855-015	3.08	9.22	146	384	<5	6.5
CV855-016	3.90	7.87	666	536	7	2.7
CV855-017	2.92	8.24	136	625	<5	2.4
CV855-018	0.02	8.58	24	59	174	0.2
CV855-019	1.06	7.95	598	438	12	0.8
CV855-020	1.10	8.66	25	793	<5	1.7
CV855-021	3.39	7.51	61	564	<5	2.4
CV855-022	1.12	3.36	29	86	<5	0.7
CV855-023	3.23	7.35	183	526	<5	2.4
CV855-024	4.36	6.99	584	403	<5	3.3
CV855-025	4.33	7.20	195	422	<5	3.1
CV855-026	4.37	8.10	105	587	<5	3.7
CV855-027	4.48	7.27	38	607	<5	2.9
CV855-028	1.12	5.48	40	564	<5	2.1
CV855-029	3.41	7.34	45	682	<5	3.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV855-030	-	7.30	46	678	<5	3.5
CV855-031	3.34	7.96	20	754	<5	4.1
CV855-032	3.52	7.90	22	778	<5	4.3
CV855-033	3.85	7.36	10	22	<5	0.4
CV855-034	1.05	6.20	<10	38	<5	0.1
CV855-035	1.69	7.72	11	23	7	0.2
CV855-036	2.22	7.37	378	25	<5	0.3
CV855-037	0.51	0.14	<10	14	<5	<0.1
CV855-038	3.50	8.12	23	825	<5	4.2
CV855-039	3.45	8.28	23	756	<5	4.1
CV855-040	1.15	7.80	21	530	5	2.7
CV855-041	1.25	8.18	23	805	<5	4.2
CV855-042	3.89	6.62	45	229	<5	7.1
CV855-043	0.02	8.56	16	19	132	0.2
CV855-044	3.75	6.43	30	314	<5	6.6
CV855-045	2.25	2.78	40	22	<5	0.6
CV855-046	2.38	5.60	13	138	5	1.3
CV855-047	2.74	7.83	25	776	<5	5.3
CV855-048	4.30	7.48	12	11	5	0.5
CV855-049	4.32	7.18	13	<10	<5	0.4
CV855-050	4.12	7.26	11	<10	<5	0.3
CV855-051	3.27	6.15	55	37	<5	0.4
CV855-052	3.90	7.21	25	538	<5	3.3
CV855-053	1.15	7.37	24	500	<5	2.5
CV855-054	2.55	7.59	18	547	<5	3.2
CV855-055	-	7.51	18	542	<5	3.2
CV855-056	2.60	8.28	17	633	<5	2.5
CV855-057	2.33	7.16	23	102	7	0.8
CV855-058	4.44	7.80	15	429	<5	2.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

ANALYSIS REPORT BBM25-49242

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV855-059	1.81	6.84	11	188	<5	0.7
CV855-060	4.32	7.51	22	510	<5	2.9
CV855-061	3.95	7.77	17	544	<5	2.6
CV855-062	0.51	0.14	<10	13	<5	<0.1
CV855-063	3.06	7.32	24	48	<5	0.5
CV855-064	3.42	7.41	33	420	<5	3.3
CV855-065	3.47	7.42	90	464	<5	2.8
*Dup CV855-033	-	7.44	11	22	<5	0.3
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 149	-	7.88	30	2869	30	1.0
*Std OREAS 553	-	3.00	322	322	<5	5.4
*Rep CV855-020	-	8.73	25	800	<5	1.8
*Std AMIS0341	-	8.80	448	159	243	0.6
*Rep CV855-029	-	7.27	44	679	<5	3.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 753	-	8.73	16	18	121	<0.1
*Std AMIS0341	-	9.00	450	158	221	0.5
*Std OREAS 553	-	3.08	327	319	<5	5.7

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-001	459	32	5.20	1.1	117	3.24
CV855-002	636	<10	4.94	2.0	296	2.93
CV855-003	243	45	5.99	2.4	201	1.23
CV855-004	151	<10	22.86	0.2	<10	1.26

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-005	154	<10	22.61	0.2	<10	1.25
CV855-006	195	24	11.44	1.4	167	1.14
CV855-007	261	<10	1.72	3.9	32	0.21
CV855-008	256	33	5.56	1.2	186	1.79
CV855-009	161	52	5.85	1.7	202	2.42
CV855-010	287	28	5.14	0.9	91	2.25
CV855-011	199	75	7.94	0.9	210	2.30
CV855-012	456	<10	0.37	0.1	<10	0.02
CV855-013	305	34	5.71	1.3	155	2.30
CV855-014	189	44	5.65	2.0	192	3.28
CV855-015	162	89	5.43	1.3	195	2.98
CV855-016	394	52	6.60	1.7	229	2.87
CV855-017	284	52	5.20	1.5	200	2.21
CV855-018	27	33	0.85	2.1	7173	0.05
CV855-019	284	<10	2.32	3.0	142	1.04
CV855-020	256	60	4.11	1.8	112	1.58
CV855-021	447	70	6.83	2.0	163	2.78
CV855-022	389	20	0.83	0.9	12	0.16
CV855-023	460	40	6.87	2.0	146	2.74
CV855-024	789	47	6.99	1.9	190	4.73
CV855-025	703	75	6.40	1.9	180	4.36
CV855-026	383	82	5.71	2.3	175	2.83
CV855-027	452	66	7.08	2.0	123	2.42
CV855-028	513	44	5.33	1.4	132	1.95
CV855-029	511	50	7.19	1.8	178	2.81
CV855-030	513	54	7.19	1.8	176	2.82
CV855-031	220	60	6.18	2.7	109	2.56
CV855-032	191	91	6.44	2.8	117	2.53
CV855-033	293	<10	0.39	3.9	16	0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-034	341	1966	0.51	6.4	<10	0.02
CV855-035	316	34	0.57	4.6	32	0.12
CV855-036	329	18	0.48	4.5	198	0.09
CV855-037	449	<10	0.37	<0.1	<10	0.01
CV855-038	202	100	6.20	2.7	128	2.36
CV855-039	210	108	5.82	2.8	133	2.28
CV855-040	241	73	3.68	3.0	134	1.33
CV855-041	195	89	6.20	3.0	126	2.22
CV855-042	324	260	10.10	1.0	185	4.97
CV855-043	27	17	0.84	2.0	10184	0.02
CV855-044	464	166	9.60	1.1	282	5.24
CV855-045	406	<10	0.38	1.6	24	0.05
CV855-046	614	<10	1.86	2.7	274	2.07
CV855-047	214	85	7.25	2.5	197	2.93
CV855-048	307	<10	0.57	2.9	29	0.08
CV855-049	293	<10	0.62	3.2	27	0.07
CV855-050	281	<10	0.54	3.8	22	0.05
CV855-051	313	<10	0.64	2.3	26	0.09
CV855-052	561	107	7.76	2.0	362	3.33
CV855-053	452	71	5.79	2.6	312	2.36
CV855-054	521	85	7.21	2.2	326	2.89
CV855-055	513	87	7.13	2.1	322	2.86
CV855-056	450	95	6.47	2.5	378	2.55
CV855-057	342	22	1.06	3.3	36	0.15
CV855-058	477	91	7.23	2.2	318	2.45
CV855-059	348	26	0.79	3.6	14	0.03
CV855-060	499	55	7.19	2.2	335	2.65
CV855-061	517	62	6.84	2.4	359	2.72
CV855-062	453	<10	0.40	<0.1	<10	0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-063	320	37	0.72	3.8	31	0.10
CV855-064	575	51	6.98	1.9	277	2.75
CV855-065	532	52	7.20	2.1	230	2.75
*Dup CV855-033	300	<10	0.39	3.9	17	0.06
*Blk BLANK	11	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 149	109	331	4.14	1.5	10409	0.55
*Std OREAS 553	48	5766	1.24	0.8	104	5.46
*Rep CV855-020	260	57	4.16	1.8	114	1.60
*Std AMIS0341	441	51	0.91	2.8	5055	0.21
*Rep CV855-029	522	50	7.12	1.8	175	2.79
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 753	26	17	0.88	2.0	10098	0.02
*Std AMIS0341	442	50	0.96	3.0	5030	0.22
*Std OREAS 553	46	5958	1.30	0.8	105	5.71

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-001	1018	125	0.09	0.15	22	28.7
CV855-002	676	171	0.12	0.10	21	>30.0
CV855-003	819	51	0.06	0.39	17	28.2
CV855-004	512	6	0.12	0.96	<5	28.4
CV855-005	505	5	0.12	0.94	<5	27.8
CV855-006	600	23	0.10	0.60	9	29.8
CV855-007	206	<5	<0.01	<0.01	6	>30.0
CV855-008	878	51	0.05	0.23	13	29.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-009	1188	68	0.07	<0.01	17	27.4
CV855-010	892	198	0.06	0.52	20	29.3
CV855-011	1386	58	0.09	0.28	25	26.5
CV855-012	29	<5	<0.01	<0.01	<5	>30.0
CV855-013	1688	90	0.10	0.04	18	28.5
CV855-014	1157	46	0.08	0.03	25	26.3
CV855-015	1114	68	0.09	0.12	21	25.4
CV855-016	985	125	0.08	0.31	17	28.4
CV855-017	760	152	0.07	0.28	13	29.0
CV855-018	812	9	0.15	0.04	<5	>30.0
CV855-019	384	35	0.04	0.02	7	>30.0
CV855-020	632	56	0.07	0.46	10	30.0
CV855-021	821	132	0.07	0.31	16	28.1
CV855-022	98	15	<0.01	0.17	<5	>30.0
CV855-023	1026	139	0.07	0.46	16	28.4
CV855-024	1108	257	0.11	0.06	19	26.9
CV855-025	1079	217	0.09	0.08	18	27.5
CV855-026	778	116	0.09	0.26	17	26.6
CV855-027	738	129	0.07	0.52	16	28.4
CV855-028	698	104	0.05	0.32	14	>30.0
CV855-029	858	119	0.08	0.33	18	28.9
CV855-030	856	120	0.08	0.33	18	28.5
CV855-031	1080	23	0.22	0.04	20	27.5
CV855-032	1208	20	0.23	0.01	21	27.2
CV855-033	170	<5	<0.01	<0.01	<5	>30.0
CV855-034	43	<5	<0.01	0.23	<5	>30.0
CV855-035	155	<5	<0.01	0.01	5	>30.0
CV855-036	135	<5	<0.01	0.01	<5	>30.0
CV855-037	29	<5	<0.01	<0.01	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV855-038	1204	18	0.23	0.01	20	27.5
CV855-039	1154	20	0.21	0.02	17	28.1
CV855-040	719	11	0.10	<0.01	11	>30.0
CV855-041	1157	24	0.23	0.01	20	27.7
CV855-042	1814	109	0.12	0.69	43	23.5
CV855-043	761	11	0.12	0.01	<5	>30.0
CV855-044	1925	140	0.16	0.56	38	24.0
CV855-045	128	<5	<0.01	<0.01	<5	>30.0
CV855-046	530	113	0.03	<0.01	6	>30.0
CV855-047	1455	25	0.26	0.01	26	26.5
CV855-048	284	23	<0.01	0.01	<5	>30.0
CV855-049	206	6	<0.01	0.01	<5	>30.0
CV855-050	382	6	<0.01	<0.01	<5	>30.0
CV855-051	832	7	<0.01	0.01	<5	>30.0
CV855-052	1001	162	0.09	0.43	18	26.9
CV855-053	876	112	0.06	0.27	14	29.0
CV855-054	763	135	0.08	0.70	16	27.9
CV855-055	754	132	0.08	0.70	17	28.0
CV855-056	832	115	0.08	0.65	16	28.3
CV855-057	1194	16	<0.01	0.19	<5	>30.0
CV855-058	922	129	0.07	0.85	16	27.4
CV855-059	1682	11	<0.01	0.20	<5	>30.0
CV855-060	724	133	0.07	0.37	16	27.9
CV855-061	859	131	0.07	0.32	16	27.6
CV855-062	25	8	<0.01	<0.01	<5	>30.0
CV855-063	930	16	<0.01	0.08	<5	>30.0
CV855-064	760	148	0.07	0.30	17	28.0
CV855-065	702	141	0.07	0.35	17	28.2
*Dup CV855-033	147	<5	<0.01	<0.01	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Blk BLANK	<10	12	<0.01	<0.01	<5	<0.1
*Std OREAS 149	464	31	0.11	0.03	7	>30.0
*Std OREAS 553	1647	23	0.05	0.30	7	27.7
*Rep CV855-020	638	64	0.07	0.48	10	>30.0
*Std AMIS0341	1752	19	0.29	0.02	<5	>30.0
*Rep CV855-029	847	125	0.08	0.33	18	28.1
*Blk BLANK	<10	7	<0.01	<0.01	<5	<0.1
*Std OREAS 753	759	14	0.11	0.01	<5	>30.0
*Std AMIS0341	1757	25	0.30	0.03	<5	>30.0
*Std OREAS 553	1638	28	0.05	0.29	7	27.3

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-001	287	0.51	151	97	<1	28
CV855-002	143	0.49	163	149	<1	80
CV855-003	183	0.42	121	90	<1	<5
CV855-004	73	0.03	10	15	<1	38
CV855-005	72	0.03	10	18	<1	37
CV855-006	209	0.24	62	52	<1	6
CV855-007	47	0.01	<5	21	<1	<5
CV855-008	116	0.28	92	45	<1	<5
CV855-009	267	0.44	147	75	<1	<5
CV855-010	230	0.35	134	130	<1	5
CV855-011	177	0.57	198	117	<1	<5
CV855-012	<10	<0.01	<5	6	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-013	312	0.52	140	146	<1	7
CV855-014	227	0.32	193	73	<1	6
CV855-015	202	0.33	171	142	<1	6
CV855-016	340	0.31	127	78	<1	<5
CV855-017	388	0.26	103	60	<1	<5
CV855-018	40	0.02	<5	102	<1	14
CV855-019	186	0.10	41	59	<1	<5
CV855-020	372	0.24	82	54	<1	<5
CV855-021	329	0.29	115	66	<1	<5
CV855-022	51	0.02	14	11	<1	<5
CV855-023	286	0.28	113	70	<1	<5
CV855-024	238	0.30	135	80	<1	<5
CV855-025	224	0.29	124	107	<1	<5
CV855-026	305	0.29	131	66	<1	<5
CV855-027	264	0.29	116	81	<1	<5
CV855-028	218	0.21	85	74	<1	<5
CV855-029	378	0.31	128	80	<1	<5
CV855-030	374	0.31	128	79	<1	<5
CV855-031	716	0.43	170	100	<1	<5
CV855-032	732	0.44	179	99	<1	<5
CV855-033	27	0.01	<5	7	<1	<5
CV855-034	24	<0.01	<5	157	<1	<5
CV855-035	33	0.04	<5	14	<1	<5
CV855-036	32	0.02	<5	10	<1	<5
CV855-037	<10	<0.01	<5	5	<1	<5
CV855-038	775	0.41	175	96	<1	<5
CV855-039	789	0.39	161	96	<1	<5
CV855-040	595	0.25	106	60	<1	<5
CV855-041	945	0.40	175	96	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-042	289	0.59	338	130	<1	<5
CV855-043	30	<0.01	<5	90	<1	5
CV855-044	339	0.59	306	122	<1	<5
CV855-045	23	0.01	<5	32	<1	<5
CV855-046	125	0.09	32	43	<1	<5
CV855-047	850	0.48	219	109	<1	<5
CV855-048	19	0.03	<5	14	<1	<5
CV855-049	16	0.03	<5	15	<1	<5
CV855-050	18	0.02	<5	11	<1	<5
CV855-051	31	0.02	<5	14	<1	<5
CV855-052	337	0.35	146	143	<1	<5
CV855-053	333	0.25	90	90	<1	<5
CV855-054	408	0.31	115	78	<1	<5
CV855-055	408	0.30	115	86	<1	<5
CV855-056	354	0.33	126	82	<1	<5
CV855-057	91	0.03	9	14	<1	<5
CV855-058	318	0.30	109	82	<1	<5
CV855-059	80	<0.01	<5	<5	<1	<5
CV855-060	389	0.30	109	75	<1	<5
CV855-061	356	0.31	113	87	<1	<5
CV855-062	<10	0.01	<5	7	<1	<5
CV855-063	56	0.02	6	11	<1	<5
CV855-064	414	0.30	112	72	<1	<5
CV855-065	396	0.30	110	73	<1	<5
*Dup CV855-033	27	0.01	<5	10	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 149	219	0.36	74	364	<1	144
*Std OREAS 553	57	0.20	75	52	<1	7
*Rep CV855-020	375	0.24	84	52	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0341	66	0.01	<5	119	<1	24
*Rep CV855-029	376	0.31	128	79	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 753	27	<0.01	<5	87	<1	<5
*Std AMIS0341	67	0.01	<5	115	<1	25
*Std OREAS 553	58	0.21	76	51	<1	8

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-001	<0.1	<0.2	29.8	34.4	8.7	3.32
CV855-002	<0.1	<0.2	34.6	30.0	29.5	2.65
CV855-003	0.2	<0.2	34.7	19.3	17.4	2.49
CV855-004	0.2	<0.2	12.7	2.1	62.0	1.45
CV855-005	0.2	<0.2	13.2	2.3	62.5	1.50
CV855-006	0.1	<0.2	25.6	11.3	31.4	2.15
CV855-007	0.2	<0.2	7.0	0.8	68.8	0.57
CV855-008	0.4	<0.2	28.5	17.1	15.5	2.48
CV855-009	0.1	<0.2	27.2	27.4	8.9	2.96
CV855-010	0.3	0.3	25.2	32.9	3.1	2.21
CV855-011	0.2	<0.2	27.5	34.9	10.0	4.74
CV855-012	<0.1	<0.2	3.4	0.9	0.2	0.40
CV855-013	<0.1	<0.2	70.8	28.2	9.7	4.18
CV855-014	0.6	<0.2	29.3	30.7	11.2	1.77
CV855-015	0.4	<0.2	35.4	31.4	7.8	1.93
CV855-016	0.6	<0.2	34.6	26.4	19.8	2.26

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-017	0.4	<0.2	36.9	22.1	13.8	1.83
CV855-018	2.7	1.7	3.6	1.3	68.0	0.38
CV855-019	2.5	<0.2	13.8	8.7	21.6	0.73
CV855-020	0.2	<0.2	34.6	16.7	8.7	1.51
CV855-021	1.4	<0.2	33.6	25.7	13.3	2.26
CV855-022	8.1	<0.2	3.8	4.7	3.2	0.58
CV855-023	1.9	<0.2	33.0	26.7	12.5	2.32
CV855-024	2.3	<0.2	31.0	34.5	11.2	2.40
CV855-025	1.6	<0.2	31.9	31.3	9.7	2.34
CV855-026	2.4	<0.2	36.2	27.1	16.7	2.22
CV855-027	1.1	<0.2	32.3	25.3	13.8	2.24
CV855-028	5.0	<0.2	24.0	19.3	23.0	1.58
CV855-029	1.0	<0.2	33.0	27.7	20.6	2.42
CV855-030	1.3	<0.2	32.0	27.8	21.0	2.36
CV855-031	0.9	<0.2	66.9	25.6	9.5	3.46
CV855-032	1.0	<0.2	66.3	26.7	5.5	3.49
CV855-033	0.6	<0.2	2.6	0.6	20.7	1.57
CV855-034	2.3	0.7	1.3	0.7	44.6	0.29
CV855-035	19.5	<0.2	14.9	0.9	43.9	6.56
CV855-036	0.9	<0.2	9.4	0.8	23.5	5.11
CV855-037	<0.1	<0.2	3.3	0.7	0.2	0.34
CV855-038	1.3	<0.2	72.6	25.8	6.1	3.64
CV855-039	1.0	<0.2	71.1	23.5	7.8	3.27
CV855-040	1.3	<0.2	36.5	14.3	42.0	3.95
CV855-041	0.3	<0.2	74.7	25.7	8.0	3.54
CV855-042	1.6	<0.2	24.8	59.7	3.0	3.90
CV855-043	2.4	1.8	0.8	1.0	61.6	0.18
CV855-044	1.6	<0.2	35.6	48.6	15.5	4.13
CV855-045	3.0	<0.2	3.1	0.8	9.1	1.83

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-046	0.3	<0.2	21.7	12.5	111	1.63
CV855-047	2.4	<0.2	76.8	32.4	23.1	4.04
CV855-048	0.4	<0.2	5.4	0.7	20.4	5.45
CV855-049	0.4	<0.2	7.9	0.6	24.9	3.70
CV855-050	0.2	<0.2	7.3	0.5	36.3	5.31
CV855-051	0.9	<0.2	6.7	0.8	23.2	5.15
CV855-052	1.1	0.3	32.1	31.8	72.2	2.23
CV855-053	0.6	<0.2	26.8	21.8	33.7	2.79
CV855-054	0.9	<0.2	33.3	26.3	27.3	2.19
CV855-055	0.8	<0.2	33.1	25.7	26.5	2.16
CV855-056	1.3	<0.2	35.9	24.4	91.8	2.42
CV855-057	59.3	<0.2	5.1	2.5	19.8	5.34
CV855-058	14.2	<0.2	32.6	24.5	80.4	2.39
CV855-059	88.6	<0.2	3.7	1.2	7.4	9.22
CV855-060	3.0	<0.2	31.3	25.5	58.3	2.11
CV855-061	20.0	<0.2	35.2	25.6	104	2.21
CV855-062	<0.1	<0.2	3.6	0.8	0.3	0.36
CV855-063	0.2	<0.2	8.2	1.2	26.1	5.97
CV855-064	1.4	<0.2	31.3	26.5	56.8	2.45
CV855-065	1.1	<0.2	31.0	24.0	32.4	2.03
*Dup CV855-033	1.4	<0.2	2.7	0.6	20.6	1.57
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 149	50.8	2.4	450	7.7	350	4.73
*Std OREAS 553	2.6	<0.2	53.9	6348	0.7	3.68
*Rep CV855-020	0.2	<0.2	33.9	16.9	8.8	1.58
*Std AMIS0341	25.1	<0.2	1.0	3.6	480	0.28
*Rep CV855-029	1.0	<0.2	35.0	27.9	20.9	2.42
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 753	2.3	1.5	0.7	0.9	58.3	0.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std AMIS0341	24.6	<0.2	1.1	3.7	480	0.28
*Std OREAS 553	2.6	0.2	52.1	6723	0.7	3.86

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-001	1.99	1.09	18	3.62	2	3
CV855-002	1.47	0.81	22	3.07	2	3
CV855-003	1.49	0.87	20	2.69	2	3
CV855-004	1.09	0.83	3	1.57	9	<1
CV855-005	1.09	0.80	3	1.48	9	<1
CV855-006	1.34	0.97	14	2.42	4	2
CV855-007	0.33	0.06	31	0.76	3	2
CV855-008	1.43	0.70	29	2.89	4	2
CV855-009	1.75	1.03	21	3.22	2	3
CV855-010	1.32	0.82	17	2.50	<1	3
CV855-011	2.68	1.38	23	4.72	3	3
CV855-012	0.25	0.05	<1	0.33	1	1
CV855-013	2.47	1.59	20	5.24	1	5
CV855-014	1.10	0.83	19	2.26	2	2
CV855-015	1.09	0.92	20	2.44	3	2
CV855-016	1.26	0.82	25	2.81	3	3
CV855-017	1.02	0.85	20	2.32	2	3
CV855-018	0.14	0.05	18	0.35	7	2
CV855-019	0.37	0.25	39	0.98	3	1
CV855-020	0.89	0.72	19	1.87	2	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-021	1.31	0.84	18	2.65	2	3
CV855-022	0.40	0.16	9	0.65	1	<1
CV855-023	1.33	0.87	18	2.64	2	3
CV855-024	1.39	0.90	20	2.64	3	3
CV855-025	1.35	0.88	18	2.67	2	3
CV855-026	1.27	0.96	18	2.55	2	2
CV855-027	1.29	0.84	18	2.50	2	3
CV855-028	0.86	0.61	16	1.94	2	2
CV855-029	1.39	0.95	17	2.69	2	3
CV855-030	1.37	0.92	18	2.77	3	3
CV855-031	1.74	1.78	20	4.92	2	3
CV855-032	1.79	1.77	20	5.13	2	3
CV855-033	1.47	0.11	26	1.05	2	1
CV855-034	0.23	0.07	20	0.28	2	<1
CV855-035	5.24	0.32	31	5.32	2	2
CV855-036	4.53	0.25	26	3.92	2	1
CV855-037	0.22	<0.05	<1	0.28	<1	<1
CV855-038	1.87	1.78	19	5.25	2	3
CV855-039	1.76	1.62	19	4.75	2	4
CV855-040	2.82	0.96	22	4.09	2	4
CV855-041	1.89	1.74	20	5.18	2	4
CV855-042	2.31	1.27	18	4.37	3	1
CV855-043	<0.05	<0.05	16	0.13	7	1
CV855-044	2.37	1.35	19	4.67	3	2
CV855-045	1.55	0.15	11	1.40	2	2
CV855-046	1.25	0.25	23	1.82	3	2
CV855-047	2.03	1.95	21	6.00	2	3
CV855-048	4.67	0.15	27	3.91	3	2
CV855-049	3.12	0.11	26	2.80	3	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-050	4.86	0.13	25	3.94	2	5
CV855-051	5.11	0.12	25	3.52	2	9
CV855-052	1.33	0.87	19	2.52	3	3
CV855-053	1.94	0.69	19	2.77	2	4
CV855-054	1.34	0.89	17	2.48	2	3
CV855-055	1.26	0.85	17	2.51	2	3
CV855-056	1.47	0.85	21	2.72	2	4
CV855-057	4.64	0.19	25	3.63	3	8
CV855-058	1.45	0.82	22	2.65	2	3
CV855-059	9.65	0.18	19	5.09	2	17
CV855-060	1.24	0.80	18	2.42	2	3
CV855-061	1.30	0.80	20	2.51	3	3
CV855-062	0.24	<0.05	<1	0.30	1	<1
CV855-063	5.95	0.16	25	4.22	2	11
CV855-064	1.49	0.87	17	2.67	2	3
CV855-065	1.24	0.83	16	2.34	2	3
*Dup CV855-033	1.40	0.13	26	1.16	2	1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 149	1.82	4.29	45	9.56	7	5
*Std OREAS 553	1.97	0.92	8	4.53	1	3
*Rep CV855-020	0.92	0.70	19	1.91	2	3
*Std AMIS0341	0.14	<0.05	44	0.27	9	3
*Rep CV855-029	1.46	1.00	18	2.70	3	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 753	<0.05	<0.05	15	0.13	6	1
*Std AMIS0341	0.15	<0.05	44	0.27	9	3
*Std OREAS 553	2.06	0.92	8	4.33	1	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-001	0.67	<0.2	14.2	0.28	<2	6
CV855-002	0.51	<0.2	16.9	0.21	2	10
CV855-003	0.49	<0.2	17.0	0.21	<2	5
CV855-004	0.35	<0.2	6.8	0.15	<2	<1
CV855-005	0.33	<0.2	7.1	0.16	3	<1
CV855-006	0.44	<0.2	13.1	0.19	<2	4
CV855-007	0.10	<0.2	3.0	0.11	<2	139
CV855-008	0.50	<0.2	12.8	0.25	<2	22
CV855-009	0.58	<0.2	12.6	0.26	<2	5
CV855-010	0.44	<0.2	12.2	0.18	4	3
CV855-011	0.92	<0.2	12.2	0.38	4	5
CV855-012	0.08	<0.2	1.9	<0.05	<2	2
CV855-013	0.86	<0.2	33.5	0.35	<2	7
CV855-014	0.36	<0.2	14.1	0.14	<2	5
CV855-015	0.36	<0.2	17.7	0.16	<2	3
CV855-016	0.44	<0.2	16.8	0.19	<2	18
CV855-017	0.35	<0.2	19.2	0.16	<2	4
CV855-018	0.06	<0.2	1.9	<0.05	3	53
CV855-019	0.13	<0.2	6.8	0.06	<2	26
CV855-020	0.31	<0.2	18.0	0.14	<2	3
CV855-021	0.42	<0.2	16.4	0.18	<2	6
CV855-022	0.12	<0.2	1.7	0.09	3	26
CV855-023	0.47	<0.2	16.1	0.21	<2	6
CV855-024	0.47	<0.2	14.6	0.21	29	9
CV855-025	0.47	<0.2	15.4	0.20	5	5
CV855-026	0.43	<0.2	17.9	0.18	11	4
CV855-027	0.43	<0.2	15.8	0.18	6	4
CV855-028	0.32	<0.2	11.6	0.12	14	12
CV855-029	0.45	<0.2	16.0	0.20	4	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-030	0.47	<0.2	15.6	0.20	5	5
CV855-031	0.63	<0.2	31.5	0.23	<2	6
CV855-032	0.64	<0.2	31.4	0.22	<2	6
CV855-033	0.37	<0.2	1.4	0.47	<2	30
CV855-034	0.07	<0.2	0.7	0.06	<2	6
CV855-035	1.49	<0.2	5.1	1.36	<2	201
CV855-036	1.22	<0.2	3.8	1.16	<2	97
CV855-037	0.07	<0.2	1.8	<0.05	<2	2
CV855-038	0.69	<0.2	34.6	0.26	<2	6
CV855-039	0.60	<0.2	34.6	0.24	<2	6
CV855-040	0.85	<0.2	17.7	0.63	<2	33
CV855-041	0.67	<0.2	35.6	0.26	<2	6
CV855-042	0.78	<0.2	10.3	0.30	34	3
CV855-043	<0.05	<0.2	0.4	<0.05	3	35
CV855-044	0.81	<0.2	15.1	0.31	3	9
CV855-045	0.42	<0.2	1.3	0.41	<2	35
CV855-046	0.35	<0.2	8.4	0.28	<2	35
CV855-047	0.74	<0.2	34.2	0.29	<2	11
CV855-048	1.25	<0.2	2.1	1.13	<2	100
CV855-049	0.84	<0.2	2.8	0.73	<2	69
CV855-050	1.25	<0.2	2.7	1.36	2	91
CV855-051	1.24	<0.2	2.6	1.87	<2	71
CV855-052	0.44	<0.2	15.5	0.20	3	9
CV855-053	0.58	<0.2	12.8	0.42	6	18
CV855-054	0.42	<0.2	16.3	0.20	7	4
CV855-055	0.41	<0.2	16.2	0.18	6	4
CV855-056	0.48	<0.2	17.5	0.25	6	12
CV855-057	1.22	<0.2	2.2	1.38	25	42
CV855-058	0.48	<0.2	15.8	0.28	7	18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-059	2.39	<0.2	1.5	3.08	436	47
CV855-060	0.42	<0.2	14.9	0.20	2	6
CV855-061	0.44	<0.2	17.3	0.21	4	11
CV855-062	0.07	<0.2	1.9	<0.05	<2	<1
CV855-063	1.45	<0.2	3.5	2.26	<2	115
CV855-064	0.49	<0.2	14.9	0.26	4	9
CV855-065	0.41	<0.2	15.1	0.20	<2	5
*Dup CV855-033	0.35	<0.2	1.5	0.44	<2	32
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 149	0.74	11.1	279	0.20	11	6059
*Std OREAS 553	0.70	<0.2	31.8	0.27	2	8
*Rep CV855-020	0.31	<0.2	17.7	0.14	<2	3
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	116
*Rep CV855-029	0.47	<0.2	16.8	0.21	5	5
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	32
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	3	111
*Std OREAS 553	0.72	0.2	30.7	0.27	2	9

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-001	15.4	6	3.63	59.6	0.1	3.6
CV855-002	16.7	10	4.14	137	0.1	3.2
CV855-003	16.0	16	3.99	145	<0.1	2.9
CV855-004	6.2	<5	1.46	23.8	<0.1	1.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-005	6.4	<5	1.50	23.3	<0.1	1.2
CV855-006	11.9	7	2.98	113	0.1	2.3
CV855-007	3.7	108	0.94	764	<0.1	0.9
CV855-008	15.1	19	3.61	123	<0.1	3.3
CV855-009	15.7	<5	3.51	120	<0.1	3.3
CV855-010	13.0	14	3.11	49.5	0.2	2.7
CV855-011	17.6	6	3.83	42.6	0.3	4.3
CV855-012	1.5	<5	0.40	1.8	0.2	0.4
CV855-013	34.4	10	8.51	92.4	<0.1	6.2
CV855-014	15.0	18	3.60	131	<0.1	2.8
CV855-015	17.5	14	4.24	98.7	0.1	3.1
CV855-016	16.9	19	4.19	170	<0.1	3.3
CV855-017	16.8	11	4.25	132	<0.1	2.9
CV855-018	1.7	17	0.44	697	0.7	0.4
CV855-019	6.4	71	1.61	401	<0.1	1.3
CV855-020	14.9	13	3.86	106	0.1	2.5
CV855-021	16.6	9	3.98	154	<0.1	3.1
CV855-022	2.3	27	0.53	57.4	<0.1	0.6
CV855-023	16.0	9	4.01	162	<0.1	3.0
CV855-024	15.7	15	3.84	134	<0.1	3.3
CV855-025	15.7	12	3.80	135	<0.1	3.1
CV855-026	17.5	13	4.39	170	<0.1	3.2
CV855-027	15.8	12	3.88	128	<0.1	3.1
CV855-028	12.5	19	2.96	104	<0.1	2.4
CV855-029	16.5	14	3.93	115	<0.1	3.0
CV855-030	16.0	13	3.82	116	<0.1	3.1
CV855-031	35.7	16	8.42	107	0.1	6.7
CV855-032	36.9	15	8.58	124	0.1	6.8
CV855-033	1.9	70	0.34	793	<0.1	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-034	0.8	311	0.17	1421	<0.1	0.3
CV855-035	11.5	79	2.34	997	<0.1	4.1
CV855-036	7.4	64	1.46	925	<0.1	2.7
CV855-037	1.5	<5	0.41	2.0	0.2	0.3
CV855-038	39.0	17	9.27	174	0.2	7.1
CV855-039	36.2	12	8.68	133	0.1	6.5
CV855-040	20.1	36	4.63	381	0.2	4.2
CV855-041	39.0	14	9.27	110	0.1	7.0
CV855-042	17.4	14	3.53	72.7	0.2	4.2
CV855-043	0.4	11	0.08	645	0.3	0.1
CV855-044	23.0	9	4.87	123	0.1	5.2
CV855-045	2.8	44	0.49	299	<0.1	1.0
CV855-046	11.0	39	2.89	731	<0.1	1.9
CV855-047	43.4	17	9.93	236	0.1	8.1
CV855-048	5.0	60	0.91	567	<0.1	2.5
CV855-049	5.4	56	1.19	641	<0.1	2.1
CV855-050	5.8	67	1.14	793	<0.1	2.6
CV855-051	5.3	84	1.03	443	<0.1	2.3
CV855-052	15.9	40	3.88	373	<0.1	3.1
CV855-053	13.6	57	3.21	198	<0.1	2.8
CV855-054	15.7	11	3.92	141	<0.1	2.8
CV855-055	15.8	10	3.89	139	<0.1	3.0
CV855-056	16.9	23	4.21	410	<0.1	3.2
CV855-057	4.0	93	0.78	386	<0.1	2.1
CV855-058	15.6	25	3.89	383	<0.1	3.0
CV855-059	3.4	127	0.59	231	<0.1	2.4
CV855-060	15.0	18	3.67	217	<0.1	2.8
CV855-061	16.8	44	4.14	403	<0.1	3.0
CV855-062	1.6	<5	0.43	2.1	0.2	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-063	6.2	102	1.24	612	<0.1	2.8
CV855-064	15.4	15	3.68	192	<0.1	3.0
CV855-065	14.7	12	3.58	116	<0.1	2.8
*Dup CV855-033	1.9	70	0.37	805	<0.1	0.9
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 149	150	38	47.70	807	26.1	19.0
*Std OREAS 553	24.3	15	6.26	24.1	0.4	4.8
*Rep CV855-020	14.5	12	3.75	107	0.1	2.5
*Std AMIS0341	0.6	13	0.11	4163	11.6	0.2
*Rep CV855-029	17.3	14	4.14	116	<0.1	3.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 753	0.3	11	0.08	624	0.3	0.1
*Std AMIS0341	0.6	14	0.13	4250	12.1	0.2
*Std OREAS 553	23.7	15	6.12	25.7	0.4	4.5

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-001	1	<0.5	0.52	2.4	<0.5	0.27
CV855-002	1	4.1	0.43	3.4	1.1	0.21
CV855-003	1	<0.5	0.40	3.8	0.6	0.21
CV855-004	<1	<0.5	0.22	0.6	<0.5	0.16
CV855-005	<1	<0.5	0.22	0.5	<0.5	0.15
CV855-006	1	0.6	0.32	2.0	0.6	0.19
CV855-007	<1	46.5	0.11	2.5	4.2	0.06
CV855-008	1	7.1	0.41	4.2	0.6	0.22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-009	4	<0.5	0.48	1.6	0.5	0.23
CV855-010	2	<0.5	0.36	1.7	<0.5	0.19
CV855-011	2	<0.5	0.69	1.5	<0.5	0.39
CV855-012	<1	<0.5	0.05	0.8	<0.5	<0.05
CV855-013	2	<0.5	0.72	5.3	<0.5	0.35
CV855-014	<1	5.7	0.30	2.6	0.7	0.15
CV855-015	1	<0.5	0.31	3.0	0.5	0.15
CV855-016	2	13.6	0.38	4.3	0.9	0.20
CV855-017	1	0.7	0.30	4.7	0.7	0.15
CV855-018	248	43.5	0.07	0.8	4.0	<0.05
CV855-019	3	13.7	0.12	1.7	1.8	0.06
CV855-020	1	<0.5	0.26	5.1	0.5	0.13
CV855-021	1	1.1	0.37	3.9	0.8	0.18
CV855-022	<1	10.3	0.09	1.4	<0.5	0.07
CV855-023	1	1.2	0.36	4.3	0.9	0.20
CV855-024	2	4.3	0.38	3.8	0.8	0.20
CV855-025	<1	1.1	0.37	4.0	0.8	0.20
CV855-026	1	<0.5	0.35	3.8	0.9	0.19
CV855-027	<1	0.5	0.35	3.9	0.7	0.17
CV855-028	1	7.2	0.26	3.1	0.6	0.13
CV855-029	<1	0.8	0.37	3.5	0.6	0.19
CV855-030	<1	0.7	0.38	3.3	0.6	0.20
CV855-031	1	1.0	0.61	5.2	<0.5	0.23
CV855-032	1	<0.5	0.61	4.9	0.5	0.24
CV855-033	<1	4.5	0.21	6.1	4.2	0.29
CV855-034	<1	2.2	<0.05	0.7	7.3	<0.05
CV855-035	1	53.7	0.90	19.8	5.0	0.99
CV855-036	<1	13.5	0.68	13.9	4.6	0.84
CV855-037	<1	<0.5	<0.05	1.1	<0.5	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV855-038	1	<0.5	0.63	6.0	0.7	0.27
CV855-039	1	<0.5	0.59	8.4	0.6	0.24
CV855-040	<1	5.0	0.59	10.3	1.9	0.48
CV855-041	1	<0.5	0.62	6.5	<0.5	0.27
CV855-042	1	<0.5	0.61	0.9	<0.5	0.31
CV855-043	139	20.7	<0.05	0.1	3.9	<0.05
CV855-044	2	0.8	0.66	1.8	0.6	0.34
CV855-045	<1	4.3	0.26	8.6	1.5	0.28
CV855-046	1	5.5	0.25	8.3	3.9	0.21
CV855-047	2	1.4	0.70	7.0	1.2	0.29
CV855-048	<1	9.3	0.74	12.8	2.9	0.82
CV855-049	<1	8.4	0.50	13.0	3.3	0.54
CV855-050	<1	11.3	0.72	17.3	4.1	0.88
CV855-051	<1	8.5	0.68	18.9	2.2	1.03
CV855-052	2	1.3	0.35	4.6	2.2	0.18
CV855-053	<1	3.6	0.43	6.5	1.2	0.31
CV855-054	1	<0.5	0.35	4.0	0.8	0.17
CV855-055	<1	<0.5	0.33	3.9	0.7	0.18
CV855-056	1	1.2	0.38	5.3	2.3	0.21
CV855-057	<1	6.1	0.68	14.7	1.7	0.88
CV855-058	1	2.8	0.39	5.3	2.2	0.23
CV855-059	<1	5.5	1.14	30.1	0.9	1.91
CV855-060	<1	0.6	0.33	4.1	1.2	0.17
CV855-061	2	1.6	0.35	4.2	2.2	0.19
CV855-062	<1	<0.5	0.05	0.9	<0.5	<0.05
CV855-063	<1	20.1	0.80	24.8	3.0	1.21
CV855-064	<1	1.1	0.38	5.1	1.1	0.23
CV855-065	<1	0.6	0.34	4.0	0.6	0.17
*Dup CV855-033	<1	4.8	0.21	6.1	4.2	0.27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 149	3241	27.9	1.02	116	7.5	0.23
*Std OREAS 553	2	0.6	0.65	5.5	<0.5	0.28
*Rep CV855-020	<1	<0.5	0.26	5.0	0.5	0.13
*Std AMIS0341	84	727	0.05	4.8	41.5	<0.05
*Rep CV855-029	<1	0.7	0.41	3.7	0.6	0.20
*Blk BLANK	<1	<0.5	<0.05	0.2	<0.5	<0.05
*Std OREAS 753	132	18.7	<0.05	0.5	3.7	<0.05
*Std AMIS0341	83	726	0.06	4.8	41.3	<0.05
*Std OREAS 553	1	<0.5	0.64	5.5	<0.5	0.29

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV855-001	0.57	1	17.4	1.8	133	-
CV855-002	1.46	1	13.2	1.4	109	-
CV855-003	1.04	2	12.9	1.4	135	-
CV855-004	0.20	2	12.0	1.0	17.8	-
CV855-005	0.18	2	11.7	1.0	17.2	-
CV855-006	0.62	2	12.6	1.2	90.3	-
CV855-007	3.18	2	7.1	0.6	12.4	-
CV855-008	1.87	3	16.3	1.7	79.0	-
CV855-009	0.51	2	15.6	1.7	102	-
CV855-010	0.47	1	11.7	1.3	103	6
CV855-011	0.42	29	24.2	2.6	111	<5
CV855-012	0.33	<1	2.0	0.3	33.8	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV855-013	1.25	2	22.4	2.3	193	-
CV855-014	0.97	53	9.6	1.0	50.0	-
CV855-015	0.86	11	9.8	1.0	62.8	-
CV855-016	1.47	78	12.4	1.3	91.3	-
CV855-017	1.35	2	9.4	1.0	97.5	-
CV855-018	8.69	5	1.9	0.2	32.1	-
CV855-019	0.98	1	5.5	0.4	42.1	-
CV855-020	1.42	1	8.0	0.9	99.3	<5
CV855-021	1.24	3	11.4	1.3	94.7	-
CV855-022	1.85	<1	4.6	0.6	10.5	-
CV855-023	1.57	2	12.8	1.5	99.5	<5
CV855-024	1.41	2	13.0	1.5	86.0	-
CV855-025	1.26	2	12.2	1.4	94.8	-
CV855-026	1.17	73	11.2	1.2	82.7	<5
CV855-027	1.20	4	11.2	1.3	97.7	-
CV855-028	1.33	<1	9.1	0.9	73.7	-
CV855-029	1.12	<1	12.2	1.4	92.7	-
CV855-030	1.12	<1	12.4	1.3	96.7	-
CV855-031	1.80	<1	16.6	1.5	124	-
CV855-032	1.69	<1	17.5	1.6	124	-
CV855-033	10.92	<1	12.5	2.6	22.0	-
CV855-034	2.69	<1	2.9	0.4	1.5	<5
CV855-035	45.71	2	50.5	8.0	23.4	-
CV855-036	31.86	1	43.8	7.0	19.5	-
CV855-037	0.34	<1	1.9	0.2	30.0	-
CV855-038	2.09	<1	18.3	1.8	126	-
CV855-039	2.18	<1	16.7	1.7	148	-
CV855-040	13.51	<1	26.5	3.8	109	-
CV855-041	2.06	<1	17.7	1.8	143	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV855-042	0.48	<1	20.0	2.1	40.5	-
CV855-043	6.24	6	0.7	<0.1	11.5	-
CV855-044	0.69	<1	21.4	2.3	64.8	-
CV855-045	14.09	<1	17.5	2.4	22.0	-
CV855-046	12.91	<1	13.2	1.8	39.0	-
CV855-047	2.96	<1	21.4	1.9	119	-
CV855-048	26.68	2	39.3	6.8	27.2	-
CV855-049	21.24	1	26.3	4.4	21.3	-
CV855-050	31.70	1	44.5	7.7	70.9	-
CV855-051	34.54	<1	51.3	9.7	119	-
CV855-052	2.47	1	12.0	1.4	87.7	-
CV855-053	7.72	1	19.1	2.5	106	-
CV855-054	1.30	2	11.3	1.2	100	-
CV855-055	1.27	2	11.1	1.2	90.9	-
CV855-056	2.74	<1	13.6	1.6	106	-
CV855-057	28.52	<1	47.8	8.0	110	13
CV855-058	3.76	<1	14.0	1.6	96.6	-
CV855-059	53.93	1	89.5	17.5	234	-
CV855-060	1.66	<1	11.2	1.3	96.4	-
CV855-061	1.93	<1	12.2	1.4	99.1	-
CV855-062	0.31	<1	2.0	0.3	31.2	-
CV855-063	48.95	3	61.5	11.9	151	-
CV855-064	4.13	<1	13.3	1.7	95.5	-
CV855-065	1.48	<1	11.4	1.3	90.1	-
*Dup CV855-033	11.17	<1	11.9	2.4	21.7	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.9	-
*Std OREAS 149	25.13	15	17.3	1.4	169	-
*Std OREAS 553	35.22	1	18.5	1.8	108	-
*Rep CV855-020	1.44	1	8.0	0.9	101	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 16 May 2025

ANALYSIS REPORT BBM25-49242

Order Number	CV25-855
Project	Corvette
Submission Number	Batch CDM-027
Number of Samples	65

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std AMIS0341	13.61	5	1.9	0.1	22.4	-
*Rep CV855-029	1.16	<1	12.4	1.4	88.8	-
*Std OREAS 250c	-	-	-	-	-	317
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3300
*Std SL107	-	-	-	-	-	5220
*Blk BLANK	-	-	-	-	-	<5
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 753	5.78	5	0.7	<0.1	10.7	-
*Std AMIS0341	13.42	5	2.0	0.2	24.2	-
*Std OREAS 553	29.81	1	19.3	1.9	116	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-865	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	01 May 2025 - 13 May 2025
Submission Number	Batch CDM-033	Date Completed	13 May 2025
Number of Samples	12	SGS Order Number	BBM25-49244

Methods Summary

Number of Samples	Method Code	Description
12	G_WGH_KG	Weight of samples received
12	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
12	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
3	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV865-001	4.42	4.70	860	119	<5	1.3
CV865-002	3.48	2.71	14	<10	<5	3.6
CV865-003	3.56	1.51	14	<10	<5	1.9
CV865-004	3.86	7.87	32	198	<5	7.9
CV865-005	-	7.94	31	201	<5	7.9
CV865-006	3.73	8.02	45	183	<5	8.8
CV865-007	2.20	1.23	<10	16	<5	20.0
CV865-008	3.53	7.50	20	49	<5	11.2
CV865-009	3.57	7.61	38	106	<5	10.2
CV865-010	3.60	7.70	15	96	<5	10.4
CV865-011	2.27	7.82	<10	103	<5	6.5
CV865-012	0.51	0.19	<10	17	<5	<0.1
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 753	-	8.73	16	18	121	<0.1
*Std AMIS0341	-	9.00	450	158	221	0.5
*Std OREAS 553	-	3.08	327	319	<5	5.7

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV865-001	254	40	2.99	1.0	90	0.86
CV865-002	2926	57	8.56	<0.1	<10	16.19
CV865-003	4545	22	7.88	<0.1	<10	18.83
CV865-004	327	112	9.83	0.6	22	4.53
CV865-005	306	120	10.12	0.6	24	4.61
CV865-006	300	126	8.46	0.9	34	3.15

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV865-007	46	23	5.21	0.3	13	9.06
CV865-008	268	73	7.85	0.2	20	2.75
CV865-009	282	108	7.80	0.5	22	2.59
CV865-010	306	88	8.21	0.3	15	2.97
CV865-011	295	192	9.56	1.5	43	5.07
CV865-012	357	<10	0.37	<0.1	<10	0.03
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 753	26	17	0.88	2.0	10098	0.02
*Std AMIS0341	442	50	0.96	3.0	5030	0.22
*Std OREAS 553	46	5958	1.30	0.8	105	5.71

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV865-001	177	22	0.01	1.50	<5	>30.0
CV865-002	1261	1167	0.01	0.11	19	19.0
CV865-003	1111	1683	<0.01	0.07	13	17.3
CV865-004	1462	112	0.04	0.14	41	22.9
CV865-005	1456	115	0.04	0.15	41	23.4
CV865-006	1917	112	0.04	0.35	43	21.8
CV865-007	1704	52	<0.01	0.17	7	7.4
CV865-008	2149	110	0.04	0.09	40	21.2
CV865-009	1769	111	0.04	0.21	40	21.6
CV865-010	1694	104	0.04	0.17	40	21.9
CV865-011	1567	197	0.04	0.36	39	22.5
CV865-012	25	16	<0.01	<0.01	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Blk BLANK	<10	7	<0.01	<0.01	<5	<0.1
*Std OREAS 753	759	14	0.11	0.01	<5	>30.0
*Std AMIS0341	1757	25	0.30	0.03	<5	>30.0
*Std OREAS 553	1638	28	0.05	0.29	7	27.3

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-001	78	0.15	33	47	<1	8
CV865-002	97	0.22	119	83	<1	11
CV865-003	24	0.13	80	67	<1	11
CV865-004	139	0.66	302	99	<1	<5
CV865-005	132	0.67	301	103	<1	<5
CV865-006	114	0.66	310	93	<1	<5
CV865-007	96	0.09	66	62	<1	<5
CV865-008	147	0.63	289	102	<1	11
CV865-009	134	0.62	292	95	<1	34
CV865-010	159	0.63	294	110	<1	20
CV865-011	167	0.59	312	99	2	<5
CV865-012	<10	0.01	<5	<5	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 753	27	<0.01	<5	87	<1	<5
*Std AMIS0341	67	0.01	<5	115	<1	25
*Std OREAS 553	58	0.21	76	51	<1	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-001	0.2	<0.2	32.7	8.4	12.7	0.84
CV865-002	0.2	<0.2	2.6	110	2.0	1.17
CV865-003	<0.1	<0.2	1.1	118	1.1	0.74
CV865-004	<0.1	<0.2	9.3	51.1	1.9	3.92
CV865-005	<0.1	<0.2	9.6	51.0	2.1	4.11
CV865-006	<0.1	<0.2	9.9	53.5	1.1	4.20
CV865-007	<0.1	<0.2	2.6	17.1	0.7	1.18
CV865-008	<0.1	<0.2	9.5	46.8	0.2	4.03
CV865-009	<0.1	<0.2	10.5	47.5	0.8	4.11
CV865-010	<0.1	<0.2	9.6	47.0	0.5	3.92
CV865-011	0.1	<0.2	8.1	58.0	7.0	3.61
CV865-012	<0.1	<0.2	3.5	0.8	0.1	0.34
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std OREAS 753	2.3	1.5	0.7	0.9	58.3	0.17
*Std AMIS0341	24.6	<0.2	1.1	3.7	480	0.28
*Std OREAS 553	2.6	0.2	52.1	6723	0.7	3.86

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-001	0.48	0.40	10	1.08	1	2
CV865-002	0.75	0.27	7	1.08	1	<1
CV865-003	0.40	0.14	4	0.58	1	<1
CV865-004	2.63	0.88	18	3.33	2	2
CV865-005	2.63	0.93	18	3.30	2	2
CV865-006	2.82	0.92	18	3.57	2	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-007	0.77	0.28	3	1.06	<1	<1
CV865-008	2.51	0.83	17	3.35	1	2
CV865-009	2.65	0.92	17	3.51	1	2
CV865-010	2.61	0.89	17	3.35	2	2
CV865-011	2.25	0.79	17	2.97	2	2
CV865-012	0.20	<0.05	<1	0.27	1	<1
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 753	<0.05	<0.05	15	0.13	6	1
*Std AMIS0341	0.15	<0.05	44	0.27	9	3
*Std OREAS 553	2.06	0.92	8	4.33	1	3

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-001	0.16	<0.2	18.7	0.07	<2	2
CV865-002	0.24	<0.2	1.0	0.10	<2	<1
CV865-003	0.16	<0.2	0.4	0.06	<2	<1
CV865-004	0.84	<0.2	3.5	0.39	<2	3
CV865-005	0.85	<0.2	3.7	0.40	<2	3
CV865-006	0.89	<0.2	3.9	0.40	<2	3
CV865-007	0.24	<0.2	1.1	0.10	<2	<1
CV865-008	0.82	<0.2	3.7	0.37	<2	2
CV865-009	0.86	<0.2	4.2	0.38	<2	2
CV865-010	0.83	<0.2	3.8	0.37	<2	2
CV865-011	0.75	<0.2	3.2	0.35	<2	3
CV865-012	0.07	<0.2	1.8	<0.05	<2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	32
*Std AMIS0341	<0.05	<0.2	0.8	<0.05	3	111
*Std OREAS 553	0.72	0.2	30.7	0.27	2	9

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-001	11.4	10	3.31	34.5	0.6	1.6
CV865-002	2.4	<5	0.42	0.9	1.1	0.8
CV865-003	1.1	<5	0.18	0.5	0.8	0.4
CV865-004	7.6	<5	1.40	15.9	0.5	2.5
CV865-005	7.7	<5	1.48	16.4	0.4	2.5
CV865-006	7.9	<5	1.47	28.9	0.2	2.6
CV865-007	1.9	<5	0.37	6.6	<0.1	0.6
CV865-008	7.5	<5	1.40	3.1	0.4	2.4
CV865-009	8.0	<5	1.56	12.5	0.3	2.5
CV865-010	7.9	<5	1.43	8.4	0.4	2.5
CV865-011	6.6	7	1.23	57.6	0.6	2.2
CV865-012	1.5	<5	0.41	2.0	0.2	0.3
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 753	0.3	11	0.08	624	0.3	0.1
*Std AMIS0341	0.6	14	0.13	4250	12.1	0.2
*Std OREAS 553	23.7	15	6.12	25.7	0.4	4.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV865-001	<1	<0.5	0.14	4.7	<0.5	0.06
CV865-002	<1	<0.5	0.18	0.1	<0.5	0.10
CV865-003	<1	<0.5	0.10	<0.1	<0.5	0.06
CV865-004	<1	<0.5	0.56	0.2	<0.5	0.38
CV865-005	<1	<0.5	0.58	0.2	<0.5	0.40
CV865-006	<1	<0.5	0.60	0.3	<0.5	0.40
CV865-007	<1	<0.5	0.16	<0.1	<0.5	0.10
CV865-008	<1	<0.5	0.56	0.3	<0.5	0.36
CV865-009	<1	<0.5	0.57	0.3	<0.5	0.38
CV865-010	<1	<0.5	0.56	0.3	<0.5	0.36
CV865-011	<1	<0.5	0.49	0.1	<0.5	0.32
CV865-012	<1	<0.5	<0.05	0.6	<0.5	<0.05
*Blk BLANK	<1	<0.5	<0.05	0.2	<0.5	<0.05
*Std OREAS 753	132	18.7	<0.05	0.5	3.7	<0.05
*Std AMIS0341	83	726	0.06	4.8	41.3	<0.05
*Std OREAS 553	1	<0.5	0.64	5.5	<0.5	0.29

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV865-001	1.68	<1	4.2	0.5	89.2	7
CV865-002	0.09	<1	6.5	0.7	19.0	-
CV865-003	<0.05	<1	3.8	0.4	10.5	-
CV865-004	0.09	<1	22.6	2.6	63.8	-
CV865-005	0.09	<1	22.5	2.7	63.8	-
CV865-006	0.12	1	23.7	2.7	68.1	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49244

Order Number	CV25-865
Project	Corvette
Submission Number	Batch CDM-033
Number of Samples	12

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV865-007	<0.05	1	7.3	0.7	9.5	<5
CV865-008	0.11	<1	22.0	2.5	62.1	-
CV865-009	0.12	<1	22.9	2.5	63.8	-
CV865-010	0.11	<1	22.2	2.4	64.0	-
CV865-011	0.22	<1	19.7	2.2	55.4	5
CV865-012	0.28	<1	1.8	0.2	27.6	-
*Std OREAS 250c	-	-	-	-	-	317
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3300
*Std SL107	-	-	-	-	-	5220
*Blk BLANK	-	-	-	-	-	<5
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 753	5.78	5	0.7	<0.1	10.7	-
*Std AMIS0341	13.42	5	2.0	0.2	24.2	-
*Std OREAS 553	29.81	1	19.3	1.9	116	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-860	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	01 May 2025 - 14 May 2025
Submission Number	Batch CDM-030	Date Completed	14 May 2025
Number of Samples	22	SGS Order Number	BBM25-49247

Methods Summary

Number of Samples	Method Code	Description
22	G_WGH_KG	Weight of samples received
22	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
22	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
8	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV860-001	3.62	7.82	21	50	<5	8.5
CV860-002	3.79	7.97	31	46	<5	8.5
CV860-003	4.86	7.95	22	123	<5	10.1
CV860-004	3.15	7.60	14	1084	<5	1.9
CV860-005	-	7.70	13	1085	<5	1.9
CV860-006	3.48	2.09	71	<10	<5	2.9
CV860-007	1.19	4.51	2843	88	<5	4.5
CV860-008	1.14	6.63	107	283	<5	0.6
CV860-009	3.52	11.33	6787	521	5	1.3
CV860-010	2.86	5.81	201	290	<5	2.5
CV860-011	3.67	5.11	241	197	<5	7.9
CV860-012	0.51	0.16	<10	14	<5	<0.1
CV860-013	3.61	5.15	27	147	<5	9.4
CV860-014	3.35	1.23	98	27	7	0.2
CV860-015	3.01	2.97	74	49	29	0.7
CV860-016	1.98	2.81	2161	39	13	0.4
CV860-017	3.44	6.69	2223	218	16	5.1
CV860-018	0.02	8.82	30	60	160	0.2
CV860-019	3.59	6.32	56	311	<5	6.4
CV860-020	1.22	13.75	>10000	125	5	2.1
CV860-021	3.71	6.77	85	139	<5	6.7
CV860-022	3.58	7.86	170	290	<5	6.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0355	-	8.35	15	37	170	0.5
*Rep CV860-001	-	7.73	20	49	<5	8.4
*Std OREAS 553	-	3.09	337	326	<5	5.7
*Std OREAS 753	-	8.88	19	18	121	0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV860-001	297	96	8.75	0.2	13	2.65
CV860-002	343	100	9.29	0.4	21	3.62
CV860-003	342	149	8.48	0.8	38	3.07
CV860-004	225	43	2.18	1.4	31	0.85
CV860-005	253	39	2.16	1.4	32	0.84
CV860-006	4435	56	8.76	<0.1	<10	18.95
CV860-007	2036	81	7.56	0.3	64	11.37
CV860-008	330	66	5.73	2.0	394	2.01
CV860-009	346	91	3.71	2.1	174	1.82
CV860-010	336	81	3.05	1.4	138	2.47
CV860-011	1222	130	6.56	0.7	81	5.50
CV860-012	380	<10	0.36	<0.1	<10	0.02
CV860-013	1448	134	8.30	0.5	80	6.70
CV860-014	391	<10	0.39	0.2	<10	0.08
CV860-015	390	<10	0.32	0.1	<10	0.03
CV860-016	352	<10	0.81	0.3	13	0.34
CV860-017	541	160	5.64	0.7	46	4.69
CV860-018	28	37	0.89	2.2	7165	0.05
CV860-019	889	144	7.53	0.7	61	5.74
CV860-020	821	33	6.56	0.7	117	6.45
CV860-021	633	196	7.45	0.5	106	6.15
CV860-022	934	123	7.91	1.2	56	3.36
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0355	284	336	1.28	1.4	7659	0.91
*Rep CV860-001	293	100	8.66	0.2	12	2.63
*Std OREAS 553	48	5943	1.29	0.8	105	5.71
*Std OREAS 753	27	17	0.89	2.1	10211	0.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV860-001	1807	110	0.04	0.12	41	23.1
CV860-002	1601	110	0.04	0.24	42	23.6
CV860-003	1822	107	0.04	0.27	43	21.9
CV860-004	440	28	0.05	0.62	6	>30.0
CV860-005	433	27	0.05	0.55	6	>30.0
CV860-006	1397	1636	<0.01	0.41	18	19.7
CV860-007	1435	721	0.02	0.45	20	23.4
CV860-008	396	53	0.02	0.62	7	>30.0
CV860-009	341	78	0.02	0.49	16	27.2
CV860-010	560	88	0.05	0.52	7	>30.0
CV860-011	1754	347	0.02	0.78	24	26.8
CV860-012	22	17	<0.01	<0.01	<5	>30.0
CV860-013	1859	360	0.03	0.80	34	23.5
CV860-014	33	17	<0.01	<0.01	<5	>30.0
CV860-015	22	9	<0.01	<0.01	<5	>30.0
CV860-016	76	13	<0.01	0.02	9	>30.0
CV860-017	1179	161	0.03	0.48	20	27.4
CV860-018	819	16	0.15	0.04	<5	>30.0
CV860-019	1424	237	0.04	0.52	31	24.6
CV860-020	463	215	<0.01	0.01	17	18.3
CV860-021	1465	185	0.12	1.34	36	23.6
CV860-022	1872	304	0.03	0.22	42	25.1
*Blk BLANK	<10	7	<0.01	<0.01	<5	<0.1
*Std AMIS0355	1028	157	0.05	0.04	<5	>30.0
*Rep CV860-001	1782	105	0.04	0.11	41	22.8
*Std OREAS 553	1651	32	0.05	0.30	7	26.2
*Std OREAS 753	767	16	0.12	0.01	<5	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV860-001	183	0.65	303	102	<1	<5
CV860-002	153	0.65	306	106	<1	<5
CV860-003	171	0.67	330	98	<1	<5
CV860-004	1189	0.17	51	44	<1	<5
CV860-005	1208	0.17	50	44	<1	<5
CV860-006	47	0.17	105	72	<1	<5
CV860-007	359	0.25	138	70	<1	<5
CV860-008	126	0.23	57	46	<1	<5
CV860-009	198	0.38	110	95	<1	<5
CV860-010	256	0.20	59	119	<1	<5
CV860-011	201	0.29	162	90	<1	<5
CV860-012	<10	0.01	<5	<5	<1	<5
CV860-013	281	0.35	217	88	<1	<5
CV860-014	53	<0.01	<5	12	<1	<5
CV860-015	189	<0.01	<5	<5	<1	<5
CV860-016	104	0.03	13	34	<1	<5
CV860-017	534	0.31	118	79	<1	<5
CV860-018	41	0.02	<5	99	<1	13
CV860-019	317	0.37	206	125	<1	<5
CV860-020	1004	0.49	179	74	<1	33
CV860-021	496	0.55	251	74	<1	<5
CV860-022	150	0.62	309	105	<1	16
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0355	55	0.04	16	88	<1	<5
*Rep CV860-001	181	0.64	299	108	<1	<5
*Std OREAS 553	59	0.22	78	56	<1	8
*Std OREAS 753	30	<0.01	<5	89	<1	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV860-001	<0.1	<0.2	9.6	49.0	0.4	4.11
CV860-002	0.2	<0.2	10.2	61.2	1.0	4.16
CV860-003	0.1	<0.2	10.5	47.5	1.9	4.10
CV860-004	<0.1	<0.2	30.2	8.4	2.2	1.32
CV860-005	<0.1	<0.2	30.6	8.1	2.0	1.30
CV860-006	0.4	<0.2	1.9	122	3.4	0.96
CV860-007	0.4	<0.2	17.1	75.6	6.9	1.73
CV860-008	<0.1	<0.2	28.0	12.6	30.8	1.47
CV860-009	0.2	<0.2	46.1	24.7	18.7	2.46
CV860-010	0.1	0.2	36.9	14.9	14.4	1.45
CV860-011	0.5	<0.2	14.1	53.6	2.4	1.84
CV860-012	<0.1	<0.2	3.4	1.0	0.2	0.38
CV860-013	0.6	<0.2	8.1	68.2	2.8	2.28
CV860-014	<0.1	<0.2	10.9	1.1	0.6	0.81
CV860-015	<0.1	<0.2	9.2	0.7	0.6	1.71
CV860-016	<0.1	<0.2	4.0	3.6	0.5	1.33
CV860-017	0.2	<0.2	39.0	34.1	2.4	2.71
CV860-018	2.7	1.5	3.5	1.4	64.7	0.38
CV860-019	0.3	<0.2	19.3	55.3	2.9	2.43
CV860-020	<0.1	<0.2	14.6	47.4	5.4	0.53
CV860-021	0.2	<0.2	26.1	46.3	3.1	3.57
CV860-022	<0.1	0.2	7.6	82.0	5.4	3.28
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std AMIS0355	1.0	0.4	5.7	49.9	283	0.89
*Rep CV860-001	<0.1	<0.2	9.7	47.8	0.3	3.97
*Std OREAS 553	2.6	<0.2	51.6	6663	0.9	3.69
*Std OREAS 753	2.5	1.7	0.7	1.0	60.4	0.16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV860-001	2.67	0.88	18	3.54	2	2
CV860-002	2.72	0.91	18	3.48	2	2
CV860-003	2.66	0.93	19	3.48	2	2
CV860-004	0.76	0.62	21	1.71	1	3
CV860-005	0.75	0.63	21	1.74	1	3
CV860-006	0.58	0.21	6	0.86	2	<1
CV860-007	0.97	0.64	12	1.82	2	2
CV860-008	0.88	0.46	16	1.49	1	3
CV860-009	1.40	0.89	29	2.92	2	6
CV860-010	0.79	0.70	14	1.90	1	3
CV860-011	1.08	0.48	13	1.74	2	2
CV860-012	0.27	<0.05	<1	0.35	1	1
CV860-013	1.43	0.55	15	1.99	3	1
CV860-014	0.49	0.09	4	1.03	2	2
CV860-015	1.04	0.08	11	1.72	2	1
CV860-016	0.79	0.10	14	1.69	2	3
CV860-017	1.60	0.99	22	3.12	3	4
CV860-018	0.17	<0.05	18	0.38	6	2
CV860-019	1.45	0.68	16	2.36	2	2
CV860-020	0.32	0.57	67	0.69	2	4
CV860-021	2.08	1.11	15	3.68	3	2
CV860-022	2.00	0.80	19	2.89	2	2
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0355	0.22	0.08	74	1.21	7	3
*Rep CV860-001	2.67	0.83	18	3.40	2	2
*Std OREAS 553	1.99	0.84	8	4.27	1	3
*Std OREAS 753	<0.05	<0.05	16	0.15	6	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV860-001	0.85	<0.2	3.8	0.40	<2	3
CV860-002	0.84	<0.2	4.1	0.38	9	3
CV860-003	0.85	<0.2	4.3	0.37	<2	3
CV860-004	0.25	<0.2	14.9	0.12	<2	3
CV860-005	0.25	<0.2	15.2	0.11	<2	3
CV860-006	0.20	<0.2	0.7	0.08	3	<1
CV860-007	0.34	<0.2	8.5	0.14	12	2
CV860-008	0.27	<0.2	15.6	0.13	<2	4
CV860-009	0.46	<0.2	25.2	0.21	4	6
CV860-010	0.25	<0.2	19.2	0.11	2	4
CV860-011	0.35	<0.2	7.4	0.14	9	2
CV860-012	0.07	<0.2	1.9	<0.05	<2	<1
CV860-013	0.46	<0.2	3.8	0.18	6	2
CV860-014	0.13	<0.2	3.6	0.16	<2	13
CV860-015	0.30	<0.2	3.3	0.43	<2	33
CV860-016	0.23	<0.2	1.5	0.27	<2	29
CV860-017	0.51	<0.2	19.4	0.26	3	47
CV860-018	0.05	<0.2	1.8	<0.05	3	51
CV860-019	0.49	<0.2	9.6	0.21	<2	4
CV860-020	0.10	<0.2	8.4	0.07	<2	3
CV860-021	0.71	<0.2	12.3	0.30	<2	5
CV860-022	0.65	<0.2	2.8	0.26	<2	2
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0355	0.08	<0.2	3.0	<0.05	<2	49
*Rep CV860-001	0.83	<0.2	3.8	0.38	<2	3
*Std OREAS 553	0.71	<0.2	30.6	0.26	3	8
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV860-001	7.9	<5	1.45	3.1	0.3	2.6
CV860-002	8.0	<5	1.54	10.3	0.4	2.6
CV860-003	8.5	<5	1.57	29.8	0.9	2.7
CV860-004	13.6	11	3.46	21.6	0.3	2.3
CV860-005	13.9	12	3.56	21.9	0.3	2.3
CV860-006	1.7	<5	0.30	0.7	0.5	0.6
CV860-007	8.5	<5	2.04	51.0	0.4	1.8
CV860-008	10.8	<5	2.91	89.0	<0.1	1.7
CV860-009	19.1	10	4.90	151	<0.1	3.4
CV860-010	15.8	9	4.05	95.7	<0.1	2.6
CV860-011	6.8	5	1.66	36.5	0.2	1.5
CV860-012	1.6	<5	0.41	2.1	0.2	0.3
CV860-013	5.3	5	1.08	25.4	0.2	1.5
CV860-014	6.1	8	1.58	4.6	<0.1	1.6
CV860-015	5.7	12	1.40	1.7	<0.1	2.0
CV860-016	3.2	21	0.65	9.7	<0.1	1.6
CV860-017	18.5	15	4.66	36.5	0.2	3.5
CV860-018	1.5	17	0.41	681	0.6	0.4
CV860-019	9.9	15	2.33	36.9	0.2	2.2
CV860-020	5.5	22	1.53	47.0	0.2	0.9
CV860-021	16.0	9	3.45	14.7	<0.1	3.7
CV860-022	6.6	<5	1.20	47.8	0.2	2.2
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std AMIS0355	2.3	8	0.64	3886	0.3	1.2
*Rep CV860-001	7.8	<5	1.44	2.1	0.3	2.4
*Std OREAS 553	24.1	14	6.01	25.5	0.4	4.5
*Std OREAS 753	0.3	11	0.08	653	0.2	0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV860-001	1	<0.5	0.59	0.4	<0.5	0.38
CV860-002	<1	<0.5	0.60	0.3	<0.5	0.39
CV860-003	<1	<0.5	0.58	0.3	<0.5	0.38
CV860-004	<1	<0.5	0.23	2.6	<0.5	0.11
CV860-005	<1	<0.5	0.23	2.7	<0.5	0.11
CV860-006	<1	<0.5	0.14	<0.1	<0.5	0.08
CV860-007	<1	<0.5	0.26	1.4	<0.5	0.13
CV860-008	<1	<0.5	0.21	4.7	0.6	0.12
CV860-009	3	<0.5	0.40	7.9	0.7	0.20
CV860-010	<1	<0.5	0.23	3.9	0.6	0.11
CV860-011	<1	<0.5	0.27	1.6	<0.5	0.15
CV860-012	<1	<0.5	0.06	0.8	<0.5	<0.05
CV860-013	1	<0.5	0.33	0.6	<0.5	0.19
CV860-014	<1	5.8	0.14	2.5	<0.5	0.10
CV860-015	<1	20.1	0.28	3.8	<0.5	0.23
CV860-016	1	26.4	0.25	4.4	<0.5	0.15
CV860-017	7	21.9	0.43	3.7	<0.5	0.23
CV860-018	228	39.4	0.07	1.0	4.0	<0.05
CV860-019	1	<0.5	0.36	1.5	<0.5	0.20
CV860-020	31	3.0	0.09	2.1	<0.5	0.05
CV860-021	<1	<0.5	0.54	3.0	<0.5	0.31
CV860-022	<1	<0.5	0.48	0.2	<0.5	0.26
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0355	474	222	0.24	4.4	29.0	<0.05
*Rep CV860-001	<1	<0.5	0.56	0.3	<0.5	0.36
*Std OREAS 553	1	0.5	0.62	5.4	<0.5	0.27
*Std OREAS 753	136	19.1	<0.05	0.2	3.8	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49247

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV860-001	0.13	<1	23.0	2.7	65.3	-
CV860-002	0.18	<1	22.9	2.5	65.9	-
CV860-003	0.19	1	23.0	2.6	66.3	<5
CV860-004	1.06	<1	7.1	0.8	95.9	-
CV860-005	1.06	<1	7.1	0.8	95.6	-
CV860-006	<0.05	7	5.2	0.5	14.1	-
CV860-007	0.63	6	8.8	0.9	53.5	<5
CV860-008	1.61	<1	7.9	0.8	105	<5
CV860-009	2.62	8	12.6	1.3	204	-
CV860-010	1.46	1	7.1	0.7	111	-
CV860-011	0.69	<1	9.6	1.0	66.8	-
CV860-012	0.36	<1	2.2	0.3	33.2	-
CV860-013	0.28	19	12.2	1.3	37.4	-
CV860-014	1.77	3	12.0	1.0	12.3	<5
CV860-015	3.94	<1	23.8	2.4	8.5	<5
CV860-016	7.18	19	15.8	1.5	19.2	<5
CV860-017	1.38	1298	16.0	1.6	113	<5
CV860-018	8.33	7	1.8	0.1	30.0	-
CV860-019	0.63	3	13.0	1.4	65.2	-
CV860-020	0.60	3	3.3	0.4	140	<5
CV860-021	0.92	32	19.4	2.0	74.1	-
CV860-022	0.08	2	16.8	1.8	51.2	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.6	-
*Std AMIS0355	5.75	2	4.7	0.2	23.1	-
*Rep CV860-001	0.13	<1	22.3	2.6	65.1	-
*Std OREAS 553	25.39	1	18.9	1.8	116	-
*Std OREAS 753	6.16	6	0.7	<0.1	11.6	-
*Std OREAS 250c	-	-	-	-	-	317
*Blk BLANK	-	-	-	-	-	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

Order Number	CV25-860
Project	Corvette
Submission Number	Batch CDM-030
Number of Samples	22

ANALYSIS REPORT BBM25-49247

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
*Std OREAS L14	-	-	-	-	-	3300
*Std SL107	-	-	-	-	-	5220
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-867	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	30 Apr 2025 - 14 May 2025
Submission Number	Batch CDM-034	Date Completed	14 May 2025
Number of Samples	16	SGS Order Number	BBM25-49249

Methods Summary

Number of Samples	Method Code	Description
16	G_WGH_KG	Weight of samples received
16	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
16	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
5	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV867-001	3.52	7.79	61	318	<5	6.3
CV867-002	3.20	7.86	50	368	<5	2.9
CV867-003	1.38	7.33	33	258	<5	4.3
CV867-004	3.35	7.71	34	230	<5	4.6
CV867-005	-	8.20	35	252	<5	3.5
CV867-006	1.20	6.02	73	518	<5	0.8
CV867-007	3.92	6.82	826	76	<5	6.4
CV867-008	3.11	8.69	29	532	<5	3.1
CV867-009	3.38	8.51	64	423	<5	3.6
CV867-010	1.12	6.95	34	210	<5	3.7
CV867-011	3.18	6.97	28	394	<5	1.3
CV867-012	0.50	0.13	<10	12	<5	<0.1
CV867-013	3.19	7.67	29	344	<5	3.7
CV867-014	1.25	6.81	36	395	<5	4.1
CV867-015	1.16	7.53	<10	95	<5	5.4
CV867-016	3.37	8.51	19	273	<5	3.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0355	-	8.35	15	37	170	0.5
*Std OREAS 553	-	3.09	337	326	<5	5.7
*Std OREAS 753	-	8.88	19	18	121	0.1
*Rep CV867-011	-	7.04	27	396	<5	1.3

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV867-001	749	60	10.46	0.8	34	3.25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV867-002	232	24	3.98	1.4	47	1.40
CV867-003	214	106	8.37	1.4	72	2.39
CV867-004	181	71	7.74	0.9	61	2.64
CV867-005	175	70	7.56	0.9	62	2.55
CV867-006	266	66	9.89	2.5	21	0.49
CV867-007	197	61	15.13	0.4	26	2.47
CV867-008	254	18	3.65	2.1	31	1.25
CV867-009	215	33	6.56	1.7	32	2.03
CV867-010	294	47	5.14	1.3	31	1.85
CV867-011	179	20	1.71	1.8	14	0.37
CV867-012	454	<10	0.41	<0.1	<10	0.01
CV867-013	208	42	3.79	1.3	25	1.45
CV867-014	238	134	16.34	1.9	42	1.55
CV867-015	204	91	9.18	0.5	22	2.40
CV867-016	258	16	3.11	1.7	39	1.39
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0355	284	336	1.28	1.4	7659	0.91
*Std OREAS 553	48	5943	1.29	0.8	105	5.71
*Std OREAS 753	27	17	0.89	2.1	10211	0.02
*Rep CV867-011	185	21	1.73	1.8	14	0.37

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV867-001	3753	203	0.10	0.05	27	24.7
CV867-002	949	50	0.06	0.30	15	29.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV867-003	2153	62	0.08	1.63	20	24.5
CV867-004	2039	75	0.10	0.54	33	24.6
CV867-005	1966	90	0.12	0.44	38	25.0
CV867-006	932	45	0.04	>10.00	9	24.4
CV867-007	5461	45	0.06	0.26	15	22.3
CV867-008	897	33	0.06	0.08	15	27.3
CV867-009	1810	63	0.08	0.35	15	27.2
CV867-010	960	56	0.07	0.29	16	29.1
CV867-011	293	9	0.03	0.06	<5	>30.0
CV867-012	21	10	<0.01	<0.01	<5	>30.0
CV867-013	730	53	0.06	0.61	13	28.1
CV867-014	2579	80	0.08	6.90	29	19.9
CV867-015	1554	43	0.15	0.35	35	25.9
CV867-016	594	91	0.07	0.03	13	29.5
*Blk BLANK	<10	7	<0.01	<0.01	<5	<0.1
*Std AMIS0355	1028	157	0.05	0.04	<5	>30.0
*Std OREAS 553	1651	32	0.05	0.30	7	26.2
*Std OREAS 753	767	16	0.12	0.01	<5	>30.0
*Rep CV867-011	296	8	0.03	0.05	<5	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-001	170	0.49	166	106	<1	73
CV867-002	158	0.37	96	130	<1	7
CV867-003	109	0.39	126	601	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-004	152	0.80	279	179	<1	16
CV867-005	165	0.92	321	185	<1	28
CV867-006	129	0.22	34	881	<1	132
CV867-007	82	0.33	90	76	<1	53
CV867-008	153	0.34	89	58	<1	<5
CV867-009	207	0.40	96	97	<1	<5
CV867-010	134	0.44	119	86	<1	<5
CV867-011	136	0.15	16	36	<1	<5
CV867-012	<10	<0.01	<5	<5	<1	<5
CV867-013	167	0.35	86	193	<1	11
CV867-014	134	0.84	243	433	<1	5
CV867-015	177	0.98	304	125	<1	<5
CV867-016	193	0.36	83	75	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0355	55	0.04	16	88	<1	<5
*Std OREAS 553	59	0.22	78	56	<1	8
*Std OREAS 753	30	<0.01	<5	89	<1	5
*Rep CV867-011	136	0.15	16	39	<1	<5

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-001	<0.1	<0.2	46.3	53.6	2.1	3.41
CV867-002	<0.1	0.2	33.1	22.0	2.2	2.76
CV867-003	0.2	1.5	32.5	35.6	4.7	3.23
CV867-004	<0.1	0.3	28.3	51.4	2.8	4.63

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-005	<0.1	0.5	28.3	58.8	2.9	5.14
CV867-006	0.7	2.5	61.6	14.7	3.0	8.89
CV867-007	<0.1	<0.2	30.7	26.4	0.8	3.36
CV867-008	0.1	<0.2	39.7	12.8	2.7	4.11
CV867-009	<0.1	<0.2	39.0	27.3	2.0	3.60
CV867-010	<0.1	<0.2	27.6	25.0	2.1	3.29
CV867-011	0.1	<0.2	46.3	3.4	2.4	2.63
CV867-012	<0.1	<0.2	3.9	0.7	0.2	0.41
CV867-013	<0.1	0.4	38.4	22.5	2.3	4.04
CV867-014	0.4	0.8	51.6	47.6	3.9	11.98
CV867-015	<0.1	<0.2	24.7	36.0	0.5	5.66
CV867-016	<0.1	<0.2	34.5	18.7	1.4	2.98
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05
*Std AMIS0355	1.0	0.4	5.7	49.9	283	0.89
*Std OREAS 553	2.6	<0.2	51.6	6663	0.9	3.69
*Std OREAS 753	2.5	1.7	0.7	1.0	60.4	0.16
*Rep CV867-011	0.1	<0.2	44.5	3.4	2.1	2.59

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-001	2.15	1.36	16	4.15	1	3
CV867-002	1.65	0.87	17	2.89	1	4
CV867-003	2.00	0.89	18	3.26	<1	3
CV867-004	2.86	1.15	20	4.51	1	3
CV867-005	3.04	1.22	22	4.77	1	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-006	5.57	1.31	20	8.15	1	7
CV867-007	2.03	0.84	16	3.26	1	3
CV867-008	2.57	0.90	20	4.02	1	4
CV867-009	2.16	1.06	19	3.68	1	4
CV867-010	1.99	0.93	17	3.24	1	3
CV867-011	1.69	0.74	16	2.76	1	5
CV867-012	0.25	<0.05	<1	0.36	1	1
CV867-013	2.49	1.04	18	4.05	1	5
CV867-014	7.28	1.95	23	10.71	2	7
CV867-015	3.64	1.49	20	5.23	2	4
CV867-016	1.79	0.95	18	3.07	1	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0355	0.22	0.08	74	1.21	7	3
*Std OREAS 553	1.99	0.84	8	4.27	1	3
*Std OREAS 753	<0.05	<0.05	16	0.15	6	1
*Rep CV867-011	1.66	0.69	15	2.63	1	5

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-001	0.69	<0.2	20.9	0.30	<2	4
CV867-002	0.54	<0.2	16.6	0.24	<2	5
CV867-003	0.66	<0.2	15.8	0.28	<2	5
CV867-004	0.94	<0.2	13.2	0.38	<2	4
CV867-005	0.99	<0.2	13.1	0.39	<2	5
CV867-006	1.79	0.4	28.7	0.82	2	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-007	0.65	<0.2	15.3	0.32	3	5
CV867-008	0.82	<0.2	19.7	0.37	<2	7
CV867-009	0.72	<0.2	19.6	0.32	<2	6
CV867-010	0.67	<0.2	13.5	0.30	<2	5
CV867-011	0.53	<0.2	25.2	0.27	<2	5
CV867-012	0.08	<0.2	2.1	<0.05	<2	<1
CV867-013	0.82	<0.2	18.7	0.36	<2	6
CV867-014	2.42	0.3	22.6	0.98	<2	9
CV867-015	1.13	<0.2	11.1	0.51	5	5
CV867-016	0.57	<0.2	18.0	0.26	<2	6
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0355	0.08	<0.2	3.0	<0.05	<2	49
*Std OREAS 553	0.71	<0.2	30.6	0.26	3	8
*Std OREAS 753	<0.05	<0.2	0.4	<0.05	3	35
*Rep CV867-011	0.52	<0.2	24.3	0.26	<2	5

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-001	26.1	<5	5.98	27.4	0.6	4.7
CV867-002	15.3	11	3.77	52.7	0.1	2.9
CV867-003	17.0	15	3.92	45.6	0.7	3.3
CV867-004	16.3	6	3.63	30.2	0.4	4.0
CV867-005	16.9	6	3.63	33.9	0.4	4.2
CV867-006	33.8	33	7.78	93.6	6.1	7.6
CV867-007	15.0	<5	3.59	8.4	0.7	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-008	18.8	7	4.59	58.4	0.1	3.9
CV867-009	18.2	8	4.53	47.6	0.3	3.6
CV867-010	14.2	6	3.25	37.2	0.3	3.0
CV867-011	18.2	9	4.88	60.4	0.1	3.1
CV867-012	1.7	<5	0.43	1.4	0.2	0.3
CV867-013	19.1	7	4.57	47.8	0.3	4.0
CV867-014	33.5	16	7.09	79.0	1.0	9.0
CV867-015	15.6	<5	3.24	11.4	0.4	4.1
CV867-016	15.5	6	3.87	55.7	0.2	3.1
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std AMIS0355	2.3	8	0.64	3886	0.3	1.2
*Std OREAS 553	24.1	14	6.01	25.5	0.4	4.5
*Std OREAS 753	0.3	11	0.08	653	0.2	0.1
*Rep CV867-011	17.3	9	4.71	59.7	0.1	2.9

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-001	<1	<0.5	0.56	2.5	<0.5	0.29
CV867-002	1	<0.5	0.41	3.0	<0.5	0.22
CV867-003	1	<0.5	0.49	2.9	<0.5	0.27
CV867-004	1	<0.5	0.72	2.1	<0.5	0.39
CV867-005	1	<0.5	0.74	2.1	<0.5	0.42
CV867-006	5	0.6	1.30	5.6	0.9	0.79
CV867-007	1	<0.5	0.49	2.3	<0.5	0.30
CV867-008	2	<0.5	0.62	4.6	<0.5	0.37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV867-009	1	<0.5	0.54	3.3	<0.5	0.30
CV867-010	2	<0.5	0.49	2.3	<0.5	0.28
CV867-011	2	<0.5	0.41	6.1	<0.5	0.25
CV867-012	<1	<0.5	0.05	1.2	<0.5	<0.05
CV867-013	1	<0.5	0.61	3.5	<0.5	0.35
CV867-014	4	0.5	1.78	3.6	0.9	1.02
CV867-015	1	<0.5	0.80	1.5	<0.5	0.50
CV867-016	1	<0.5	0.44	3.6	<0.5	0.24
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0355	474	222	0.24	4.4	29.0	<0.05
*Std OREAS 553	1	0.5	0.62	5.4	<0.5	0.27
*Std OREAS 753	136	19.1	<0.05	0.2	3.8	<0.05
*Rep CV867-011	2	<0.5	0.40	6.0	<0.5	0.25

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV867-001	0.63	<1	19.3	2.0	103	-
CV867-002	0.79	<1	14.5	1.6	141	-
CV867-003	0.76	1	17.8	1.9	125	<5
CV867-004	0.57	2	24.4	2.6	127	-
CV867-005	0.58	2	25.3	2.8	136	-
CV867-006	1.56	2	47.6	5.5	256	65
CV867-007	0.63	11	19.2	2.1	126	-
CV867-008	1.14	1	23.7	2.4	146	-
CV867-009	0.92	<1	19.8	2.1	171	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49249

Order Number	CV25-867
Project	Corvette
Submission Number	Batch CDM-034
Number of Samples	16

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV867-010	0.68	<1	18.1	2.0	127	<5
CV867-011	1.45	2	14.8	1.7	171	-
CV867-012	0.37	<1	2.4	0.3	37.2	-
CV867-013	0.92	<1	21.6	2.4	179	-
CV867-014	0.95	1	62.4	6.7	242	11
CV867-015	0.42	<1	30.6	3.3	148	<5
CV867-016	0.96	<1	16.0	1.7	154	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.6	-
*Std AMIS0355	5.75	2	4.7	0.2	23.1	-
*Std OREAS 553	25.39	1	18.9	1.8	116	-
*Std OREAS 753	6.16	6	0.7	<0.1	11.6	-
*Rep CV867-011	1.41	2	14.4	1.7	175	-
*Std OREAS 250c	-	-	-	-	-	317
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3300
*Std SL107	-	-	-	-	-	5220
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com

Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-862	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	30 Apr 2025 - 16 May 2025
Submission Number	Batch CDM-032	Date Completed	20 May 2025
Number of Samples	26	SGS Order Number	BBM25-49251

Methods Summary

Number of Samples	Method Code	Description
26	G_WGH_KG	Weight of samples received
26	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
26	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
14	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV862-001	3.51	2.01	<10	<10	<5	4.1
CV862-002	3.78	7.72	<10	37	<5	7.8
CV862-003	2.01	7.66	56	125	<5	1.5
CV862-004	1.73	6.60	95	112	<5	7.6
CV862-005	-	6.54	94	114	<5	9.5
CV862-006	3.76	8.09	<10	24	<5	7.2
CV862-007	1.15	8.30	385	401	<5	1.6
CV862-008	1.14	7.10	61	368	<5	2.2
CV862-009	1.12	6.84	99	221	<5	1.9
CV862-010	3.34	8.30	57	409	<5	2.2
CV862-011	3.35	9.01	202	323	<5	2.8
CV862-012	0.51	0.18	<10	14	<5	<0.1
CV862-013	2.08	2.96	15	56	<5	1.4
CV862-014	2.56	9.12	191	153	<5	3.1
CV862-015	4.12	2.94	41	54	<5	1.2
CV862-016	3.54	9.74	94	198	<5	4.0
CV862-017	1.60	0.47	42	<10	<5	0.1
CV862-018	0.02	8.87	14	19	117	0.1
CV862-019	4.21	8.65	169	134	<5	1.8
CV862-020	1.17	2.19	20	65	<5	1.0
CV862-021	2.57	10.46	129	324	<5	3.6
CV862-022	2.40	14.19	1868	169	<5	1.5
CV862-023	2.17	10.72	157	42	<5	0.4
CV862-024	3.79	10.20	103	420	<5	2.1
CV862-025	2.18	9.43	19	303	<5	4.0
CV862-026	2.10	0.67	19	28	<5	0.4
*Std AMIS0341	-	8.85	432	154	209	0.5
*Std OREAS 149	-	7.79	28	2732	27	1.0
*Rep CV862-021	-	10.66	130	327	<5	3.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 553	-	3.01	313	323	<5	5.3

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV862-001	3994	128	7.17	<0.1	14	13.62
CV862-002	373	96	9.07	0.2	14	3.98
CV862-003	252	12	4.00	0.6	35	2.09
CV862-004	352	91	6.62	0.6	16	2.29
CV862-005	320	105	6.78	0.6	15	2.30
CV862-006	333	80	9.55	0.3	15	4.10
CV862-007	220	61	6.51	1.9	30	1.07
CV862-008	300	97	6.07	1.1	33	2.37
CV862-009	243	100	3.94	1.0	24	0.75
CV862-010	230	37	3.25	1.6	24	0.53
CV862-011	235	50	4.62	1.4	25	0.64
CV862-012	519	<10	0.47	<0.1	<10	0.02
CV862-013	482	<10	2.76	0.5	16	0.69
CV862-014	306	19	4.65	1.0	65	1.68
CV862-015	476	31	1.47	0.4	11	0.41
CV862-016	265	182	7.60	1.0	44	2.21
CV862-017	610	<10	0.71	0.1	<10	0.07
CV862-018	33	15	0.88	2.0	10343	0.01
CV862-019	292	15	4.98	1.2	61	1.84
CV862-020	454	<10	1.52	0.4	14	0.54

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV862-021	266	119	7.75	2.2	65	2.60
CV862-022	296	463	8.36	1.8	85	2.95
CV862-023	263	747	9.56	0.6	68	3.60
CV862-024	149	27	6.64	2.8	68	3.10
CV862-025	194	40	6.73	2.2	66	2.52
CV862-026	525	<10	0.77	0.2	<10	0.17
*Std AMIS0341	430	50	0.94	2.8	5000	0.21
*Std OREAS 149	98	325	4.18	1.4	10150	0.52
*Rep CV862-021	267	121	7.84	2.3	63	2.63
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 553	43	5711	1.26	0.7	105	5.31

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV862-001	1037	1398	<0.01	0.19	16	23.8
CV862-002	1548	112	0.04	0.11	40	23.9
CV862-003	823	42	0.03	0.05	13	>30.0
CV862-004	1506	89	0.03	0.19	33	26.4
CV862-005	1742	91	0.03	0.23	33	25.5
CV862-006	1610	135	0.03	0.09	38	23.5
CV862-007	2640	33	0.04	2.29	11	>30.0
CV862-008	1413	65	0.03	1.33	18	>30.0
CV862-009	654	41	0.03	1.41	8	>30.0
CV862-010	901	32	0.05	0.21	12	>30.0
CV862-011	996	38	0.06	0.04	15	>30.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

ANALYSIS REPORT BBM25-49251

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV862-012	31	9	<0.01	<0.01	<5	>30.0
CV862-013	815	23	0.32	<0.01	12	28.4
CV862-014	787	61	0.05	0.05	17	26.9
CV862-015	76	37	<0.01	0.06	<5	>30.0
CV862-016	1145	76	0.08	0.39	20	29.7
CV862-017	89	11	<0.01	<0.01	<5	>30.0
CV862-018	764	13	0.11	0.01	<5	>30.0
CV862-019	927	36	0.02	0.03	12	>30.0
CV862-020	69	32	<0.01	<0.01	<5	>30.0
CV862-021	1249	91	0.05	0.35	19	25.6
CV862-022	575	172	<0.01	0.85	12	21.1
CV862-023	685	321	<0.01	2.09	16	22.8
CV862-024	1499	46	0.06	0.09	19	25.5
CV862-025	642	48	0.06	0.14	16	28.1
CV862-026	57	18	<0.01	<0.01	<5	>30.0
*Std AMIS0341	1716	25	0.27	0.02	<5	>30.0
*Std OREAS 149	443	33	0.10	0.03	7	>30.0
*Rep CV862-021	1262	72	0.05	0.34	19	26.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 553	1595	24	0.05	0.28	7	26.4

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-001	<10	0.15	96	92	<1	<5
CV862-002	123	0.61	289	99	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-003	126	0.25	93	86	<1	<5
CV862-004	130	0.53	244	90	<1	<5
CV862-005	133	0.51	238	89	<1	<5
CV862-006	127	0.59	279	97	<1	<5
CV862-007	142	0.32	87	58	<1	<5
CV862-008	166	0.39	136	84	<1	<5
CV862-009	138	0.32	67	73	<1	<5
CV862-010	199	0.35	98	76	<1	<5
CV862-011	252	0.40	117	75	<1	<5
CV862-012	<10	0.01	6	<5	<1	<5
CV862-013	39	0.11	42	24	<1	<5
CV862-014	211	0.39	135	72	<1	<5
CV862-015	71	0.19	46	19	<1	<5
CV862-016	251	0.44	171	97	<1	<5
CV862-017	13	0.02	11	10	<1	<5
CV862-018	30	<0.01	<5	87	<1	5
CV862-019	120	0.53	93	65	<1	<5
CV862-020	32	0.09	51	23	<1	<5
CV862-021	177	0.51	202	109	<1	<5
CV862-022	153	1.19	188	118	<1	<5
CV862-023	45	1.53	200	1776	2	5
CV862-024	90	0.49	178	70	<1	<5
CV862-025	138	0.47	167	97	<1	<5
CV862-026	<10	0.02	16	9	<1	<5
*Std AMIS0341	65	0.01	6	109	<1	23
*Std OREAS 149	219	0.35	71	335	2	142
*Rep CV862-021	182	0.52	203	111	<1	<5
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 553	57	0.20	74	49	<1	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-001	0.5	<0.2	3.3	105	0.7	1.03
CV862-002	<0.1	<0.2	10.4	49.7	0.4	4.07
CV862-003	<0.1	<0.2	30.3	20.3	1.6	2.22
CV862-004	<0.1	<0.2	9.5	40.5	1.8	3.37
CV862-005	<0.1	<0.2	9.0	39.5	1.8	3.31
CV862-006	<0.1	<0.2	8.4	50.7	0.4	3.69
CV862-007	0.2	<0.2	30.1	15.1	3.4	1.98
CV862-008	0.5	0.2	27.9	29.8	2.4	2.19
CV862-009	1.0	0.2	38.9	24.3	1.5	1.55
CV862-010	0.1	<0.2	46.4	16.5	2.1	2.28
CV862-011	<0.1	<0.2	49.4	20.5	2.2	2.68
CV862-012	<0.1	<0.2	3.8	1.0	0.4	0.37
CV862-013	<0.1	<0.2	7.4	9.3	2.1	2.33
CV862-014	<0.1	<0.2	36.1	21.9	3.2	2.46
CV862-015	<0.1	<0.2	16.2	10.5	1.3	0.49
CV862-016	0.1	<0.2	40.1	39.6	3.4	2.62
CV862-017	<0.1	<0.2	2.4	1.9	0.4	0.16
CV862-018	2.4	1.8	0.8	1.0	61.6	0.19
CV862-019	<0.1	<0.2	21.4	18.9	5.6	1.57
CV862-020	<0.1	<0.2	4.6	7.3	1.2	0.13
CV862-021	<0.1	<0.2	33.7	41.2	5.4	2.59
CV862-022	0.2	<0.2	37.5	71.2	12.3	1.73
CV862-023	0.3	4.5	42.2	136	5.5	3.52
CV862-024	<0.1	<0.2	43.0	28.3	8.6	3.16
CV862-025	<0.1	<0.2	35.6	31.4	3.8	2.17
CV862-026	<0.1	<0.2	1.7	2.7	0.4	0.15
*Std AMIS0341	23.9	<0.2	1.0	3.7	490	0.26
*Std OREAS 149	50.4	1.0	463	7.9	330	4.66

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Rep CV862-021	<0.1	<0.2	33.1	40.3	5.3	2.56
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Std OREAS 553	2.6	0.2	53.2	6593	0.8	3.60

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-001	0.58	0.24	6	0.92	2	<1
CV862-002	2.60	0.89	18	3.49	2	2
CV862-003	1.34	0.60	16	2.34	<1	3
CV862-004	2.19	0.71	14	2.89	1	2
CV862-005	2.14	0.79	14	2.78	1	1
CV862-006	2.48	0.83	17	3.14	2	2
CV862-007	1.12	0.90	18	2.13	1	3
CV862-008	1.31	0.72	16	2.28	1	3
CV862-009	0.80	0.67	15	1.90	1	3
CV862-010	1.21	0.98	18	2.74	1	4
CV862-011	1.62	0.97	20	3.37	<1	4
CV862-012	0.22	<0.05	<1	0.34	1	1
CV862-013	1.28	0.43	6	2.02	<1	<1
CV862-014	1.49	0.89	20	2.73	<1	3
CV862-015	0.22	0.34	6	0.88	<1	1
CV862-016	1.49	1.09	21	2.96	<1	3
CV862-017	0.10	0.06	1	0.14	<1	<1
CV862-018	0.05	<0.05	16	0.14	6	1
CV862-019	0.90	0.61	18	1.75	<1	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-020	<0.05	0.16	5	0.33	<1	<1
CV862-021	1.49	1.11	25	3.02	1	3
CV862-022	0.74	1.07	28	3.20	<1	4
CV862-023	1.80	1.19	21	4.83	<1	4
CV862-024	2.01	0.96	22	3.33	1	3
CV862-025	1.22	1.02	21	2.82	<1	2
CV862-026	0.09	0.05	2	0.11	<1	<1
*Std AMIS0341	0.13	<0.05	45	0.24	9	3
*Std OREAS 149	1.71	4.18	46	9.13	7	5
*Rep CV862-021	1.57	1.08	25	3.00	1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 553	1.98	0.89	8	4.38	1	3

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-001	0.18	<0.2	1.4	0.07	<2	<1
CV862-002	0.81	<0.2	4.1	0.37	<2	2
CV862-003	0.44	<0.2	15.6	0.19	<2	4
CV862-004	0.71	<0.2	4.2	0.34	<2	2
CV862-005	0.70	<0.2	3.8	0.32	<2	2
CV862-006	0.75	<0.2	3.2	0.35	<2	2
CV862-007	0.38	<0.2	15.6	0.17	<2	4
CV862-008	0.42	<0.2	14.7	0.18	<2	3
CV862-009	0.29	<0.2	21.3	0.13	<2	4
CV862-010	0.40	<0.2	24.0	0.17	<2	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-011	0.51	<0.2	24.7	0.22	3	5
CV862-012	0.08	<0.2	2.1	<0.05	<2	<1
CV862-013	0.44	<0.2	3.4	0.11	3	<1
CV862-014	0.47	<0.2	17.8	0.21	<2	3
CV862-015	0.08	<0.2	8.1	<0.05	2	1
CV862-016	0.49	<0.2	19.8	0.21	<2	3
CV862-017	<0.05	<0.2	1.2	<0.05	<2	<1
CV862-018	<0.05	<0.2	0.4	<0.05	3	34
CV862-019	0.31	<0.2	10.3	0.13	<2	4
CV862-020	<0.05	<0.2	2.3	<0.05	<2	<1
CV862-021	0.50	<0.2	16.4	0.21	<2	6
CV862-022	0.26	<0.2	18.4	0.13	<2	9
CV862-023	0.61	<0.2	19.2	0.25	<2	13
CV862-024	0.64	<0.2	20.5	0.28	<2	3
CV862-025	0.42	<0.2	16.7	0.17	<2	2
CV862-026	<0.05	<0.2	0.9	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	4	122
*Std OREAS 149	0.69	10.9	260	0.19	11	6280
*Rep CV862-021	0.50	<0.2	15.9	0.22	2	4
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 553	0.67	<0.2	32.0	0.25	2	7

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-001	2.5	<5	0.47	<0.2	0.2	0.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-002	7.8	<5	1.49	4.8	0.2	2.6
CV862-003	12.4	13	3.22	22.1	<0.1	2.3
CV862-004	6.8	6	1.30	18.9	0.2	2.2
CV862-005	6.7	<5	1.22	20.6	0.3	2.0
CV862-006	6.8	<5	1.24	7.4	0.3	2.3
CV862-007	12.8	17	3.29	70.1	0.3	2.4
CV862-008	12.1	18	2.97	33.3	<0.1	2.4
CV862-009	14.8	19	3.94	33.4	0.2	2.5
CV862-010	20.0	15	4.96	55.5	<0.1	3.5
CV862-011	21.1	10	5.37	53.2	<0.1	3.8
CV862-012	1.7	<5	0.44	1.8	0.2	0.3
CV862-013	4.8	<5	0.94	13.3	<0.1	1.5
CV862-014	16.2	8	3.98	28.5	<0.1	3.0
CV862-015	7.3	<5	1.82	10.5	<0.1	1.3
CV862-016	18.6	10	4.44	27.2	<0.1	3.4
CV862-017	1.1	<5	0.26	1.7	<0.1	0.2
CV862-018	0.3	11	0.08	646	0.2	0.2
CV862-019	10.5	5	2.43	37.8	0.1	2.0
CV862-020	2.4	<5	0.52	10.7	<0.1	0.4
CV862-021	16.9	10	3.86	64.8	0.2	3.4
CV862-022	19.1	6	4.43	59.2	0.3	4.0
CV862-023	23.3	27	5.20	18.0	0.3	5.6
CV862-024	21.1	5	4.98	93.9	<0.1	3.9
CV862-025	18.0	8	4.17	60.8	<0.1	3.5
CV862-026	0.8	<5	0.18	3.3	<0.1	0.1
*Std AMIS0341	0.6	13	0.10	4232	11.3	0.2
*Std OREAS 149	148	37	45.24	829	25.0	19.2
*Rep CV862-021	16.4	9	3.84	63.7	0.2	3.5
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 553	24.2	14	6.05	24.3	0.3	4.6

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-001	<1	<0.5	0.14	<0.1	<0.5	0.08
CV862-002	<1	<0.5	0.57	0.3	<0.5	0.36
CV862-003	<1	<0.5	0.33	3.1	<0.5	0.19
CV862-004	<1	<0.5	0.47	0.2	<0.5	0.32
CV862-005	<1	<0.5	0.46	0.3	<0.5	0.31
CV862-006	<1	<0.5	0.52	0.2	<0.5	0.34
CV862-007	<1	<0.5	0.30	3.6	0.6	0.16
CV862-008	<1	<0.5	0.33	5.0	<0.5	0.19
CV862-009	<1	<0.5	0.25	6.9	<0.5	0.12
CV862-010	<1	<0.5	0.35	6.6	<0.5	0.16
CV862-011	<1	<0.5	0.44	7.4	<0.5	0.21
CV862-012	<1	<0.5	0.05	0.9	<0.5	<0.05
CV862-013	<1	<0.5	0.33	0.4	<0.5	0.16
CV862-014	<1	<0.5	0.39	3.3	<0.5	0.20
CV862-015	<1	<0.5	0.10	1.3	<0.5	<0.05
CV862-016	<1	<0.5	0.39	3.4	<0.5	0.22
CV862-017	<1	<0.5	<0.05	<0.1	<0.5	<0.05
CV862-018	132	19.3	<0.05	<0.1	3.9	<0.05
CV862-019	<1	<0.5	0.25	2.0	<0.5	0.14
CV862-020	<1	<0.5	<0.05	0.3	<0.5	<0.05
CV862-021	3	<0.5	0.42	3.5	<0.5	0.21

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV862-022	<1	0.7	0.34	4.2	<0.5	0.10
CV862-023	<1	0.9	0.60	6.1	<0.5	0.24
CV862-024	<1	<0.5	0.46	3.3	<0.5	0.28
CV862-025	<1	<0.5	0.36	2.8	<0.5	0.16
CV862-026	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	82	749	<0.05	4.8	41.1	<0.05
*Std OREAS 149	3191	27.4	0.98	112	7.4	0.21
*Rep CV862-021	1	<0.5	0.41	3.4	<0.5	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 553	<1	0.5	0.58	5.3	<0.5	0.27

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV862-001	0.11	<1	5.1	0.5	14.1	-
CV862-002	0.11	<1	22.2	2.5	65.6	-
CV862-003	0.95	<1	12.4	1.3	116	<5
CV862-004	0.11	<1	19.1	2.2	53.5	<5
CV862-005	0.10	<1	19.0	2.1	50.8	-
CV862-006	0.08	<1	20.7	2.4	57.2	-
CV862-007	1.27	<1	10.0	1.1	109	6
CV862-008	1.38	<1	12.1	1.3	98.3	<5
CV862-009	1.87	1	7.7	0.9	107	<5
CV862-010	2.03	<1	11.0	1.2	143	-
CV862-011	2.29	<1	15.1	1.5	153	-
CV862-012	0.38	<1	2.2	0.3	36.9	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49251

Order Number	CV25-862
Project	Corvette
Submission Number	Batch CDM-032
Number of Samples	26

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV862-013	0.42	<1	13.5	1.0	23.7	<5
CV862-014	0.82	<1	13.6	1.4	99.0	-
CV862-015	0.32	<1	2.1	0.2	38.5	7
CV862-016	0.87	<1	13.7	1.4	101	-
CV862-017	<0.05	<1	0.9	0.1	6.0	<5
CV862-018	6.30	6	0.8	<0.1	11.6	-
CV862-019	0.46	<1	8.6	0.9	61.3	7
CV862-020	0.13	<1	0.5	<0.1	15.6	<5
CV862-021	1.06	<1	13.2	1.4	113	5
CV862-022	1.37	<1	6.5	0.8	167	11
CV862-023	1.70	2	17.1	1.7	159	<5
CV862-024	0.79	<1	17.8	2.0	96.4	-
CV862-025	0.77	<1	10.9	1.1	89.3	-
CV862-026	<0.05	<1	0.7	<0.1	4.7	<5
*Blk BLANK	-	-	-	-	-	<5
*Rep CV862-003	-	-	-	-	-	<5
*Std OREAS L13	-	-	-	-	-	1230
*Std OREAS L12	-	-	-	-	-	622
*Std AMIS0341	13.59	5	1.9	0.1	21.6	-
*Std OREAS 149	24.43	14	17.4	1.4	167	-
*Rep CV862-021	1.04	<1	13.5	1.5	114	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	0.5	-
*Std OREAS 553	27.87	1	18.3	1.8	104	-

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA **t** +1 (604) 638 2349 **f** +1 (604) 444 www.sgs.com
Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-869	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	30 Apr 2025 - 13 May 2025
Submission Number	Batch CDM-035	Date Completed	13 May 2025
Number of Samples	20	SGS Order Number	BBM25-49252

Methods Summary

Number of Samples	Method Code	Description
20	G_WGH_KG	Weight of samples received
20	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
20	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
10	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.
Mark V and/or Cu NR for samples CV869-002, CV869-006, CV869-007 and CV869-008 due to Fe interference in scheme GE_ICP91A50

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV869-001	3.69	6.25	35	165	<5	2.4
CV869-002	2.38	0.97	<10	51	<5	2.7
CV869-003	3.73	0.81	<10	35	<5	1.7
CV869-004	1.46	2.80	13	45	<5	2.9
CV869-005	-	2.77	14	44	<5	2.9
CV869-006	3.38	0.52	<10	47	<5	2.5
CV869-007	2.72	0.87	<10	84	<5	3.2
CV869-008	4.47	2.00	252	69	<5	3.6
CV869-009	4.75	5.36	163	252	<5	3.5
CV869-010	3.59	6.16	75	252	<5	2.3
CV869-011	3.09	1.42	27	69	<5	3.2
CV869-012	0.51	0.17	<10	19	<5	<0.1
CV869-013	3.41	7.18	78	327	<5	1.3
CV869-014	3.74	6.59	10	234	<5	5.9
CV869-015	3.44	6.12	94	127	<5	4.9
CV869-016	3.51	2.14	71	<10	<5	2.5
CV869-017	3.57	3.41	52	96	<5	3.9
CV869-018	0.02	8.86	24	60	159	0.2
CV869-019	1.13	4.18	183	81	<5	4.3
CV869-020	3.37	8.04	121	332	<5	2.6
*Std OREAS 553	-	2.99	326	318	<5	5.5
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 149	-	7.96	31	2815	29	1.1
*Std AMIS0341	-	8.80	450	155	214	0.6
*Rep CV869-010	-	6.11	70	251	<5	2.3
*Std OREAS 750	-	5.67	12	429	40	0.8
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std AMIS0341	-	8.92	449	156	216	0.6
*Std OREAS 554	-	4.41	182	1275	<5	4.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV869-001	275	36	10.74	1.3	33	1.19
CV869-002	219	27	>25.00	0.3	<10	0.59
CV869-003	365	13	10.23	0.2	<10	0.35
CV869-004	359	32	24.14	0.3	<10	0.79
CV869-005	325	32	23.96	0.3	<10	0.78
CV869-006	164	NR	>25.00	0.1	<10	1.06
CV869-007	192	NR	>25.00	0.2	<10	0.68
CV869-008	191	NR	>25.00	0.5	<10	1.01
CV869-009	740	15	11.42	1.3	35	3.74
CV869-010	330	22	7.69	1.7	31	1.16
CV869-011	276	44	21.88	0.4	<10	0.86
CV869-012	506	<10	0.55	0.1	<10	0.02
CV869-013	395	34	4.67	2.1	49	1.03
CV869-014	212	95	10.86	0.4	19	2.64
CV869-015	1550	<10	4.37	0.9	131	8.30
CV869-016	4718	35	6.91	<0.1	12	20.16
CV869-017	2484	97	7.90	0.5	27	12.54
CV869-018	29	49	0.89	2.3	7125	0.05
CV869-019	410	50	5.43	0.5	40	2.60
CV869-020	272	68	4.73	1.8	58	1.89
*Std OREAS 553	62	5808	1.25	0.8	101	5.50
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 149	118	333	4.29	1.5	10303	0.56
*Std AMIS0341	438	48	0.94	3.0	4953	0.22
*Rep CV869-010	331	19	7.70	1.6	29	1.15
*Std OREAS 750	38	19	1.72	1.8	2385	0.33
*Blk BLANK	<10	<10	<0.01	<0.1	<10	<0.01
*Std AMIS0341	440	53	0.95	3.0	4868	0.22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Std OREAS 554	68	>10000	1.81	1.8	35	3.23

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV869-001	1052	31	0.06	1.17	9	28.3
CV869-002	323	20	0.14	5.54	<5	21.8
CV869-003	350	17	0.09	2.68	<5	>30.0
CV869-004	1002	34	0.18	5.62	<5	23.5
CV869-005	991	22	0.18	5.54	<5	22.7
CV869-006	392	9	0.26	1.27	<5	21.5
CV869-007	651	21	0.18	3.36	<5	22.5
CV869-008	716	17	0.13	1.71	<5	20.0
CV869-009	1098	201	0.08	1.43	16	25.9
CV869-010	638	51	0.06	1.05	12	>30.0
CV869-011	440	33	0.13	4.71	<5	23.2
CV869-012	27	9	<0.01	0.01	<5	>30.0
CV869-013	590	63	0.06	0.21	10	>30.0
CV869-014	1841	44	0.11	0.44	37	24.4
CV869-015	792	663	0.02	0.02	14	26.4
CV869-016	1040	1746	<0.01	0.12	14	20.2
CV869-017	1139	906	0.02	0.23	22	22.5
CV869-018	816	16	0.14	0.04	<5	>30.0
CV869-019	1026	70	0.02	0.05	19	>30.0
CV869-020	672	41	0.03	0.37	15	>30.0
*Std OREAS 553	1586	34	0.05	0.29	7	25.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std OREAS 149	453	34	0.11	0.03	7	>30.0
*Std AMIS0341	1713	25	0.30	0.02	<5	>30.0
*Rep CV869-010	634	50	0.06	1.05	12	>30.0
*Std OREAS 750	397	25	0.07	0.07	<5	>30.0
*Blk BLANK	<10	<5	<0.01	<0.01	<5	<0.1
*Std AMIS0341	1735	25	0.29	0.02	<5	>30.0
*Std OREAS 554	1118	38	0.03	0.79	8	27.4

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-001	150	0.26	62	88	<1	31
CV869-002	92	0.02	NR	16	<1	66
CV869-003	58	0.01	11	11	3	12
CV869-004	102	0.02	31	22	<1	96
CV869-005	102	0.02	31	21	<1	79
CV869-006	111	0.02	NR	12	<1	15
CV869-007	104	0.03	NR	19	<1	112
CV869-008	129	0.08	NR	22	<1	48
CV869-009	115	0.34	106	59	<1	331
CV869-010	133	0.33	81	60	<1	42
CV869-011	134	0.12	48	29	<1	71
CV869-012	<10	0.01	5	<5	<1	<5
CV869-013	137	0.24	77	57	<1	43
CV869-014	189	0.95	324	121	<1	35

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-015	167	0.16	77	60	<1	401
CV869-016	24	0.06	66	70	<1	6
CV869-017	45	0.26	163	58	<1	100
CV869-018	41	0.02	<5	101	<1	13
CV869-019	39	0.32	135	135	<1	<5
CV869-020	85	0.34	108	120	<1	21
*Std OREAS 553	58	0.21	74	50	<1	8
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 149	226	0.38	76	349	3	146
*Std AMIS0341	67	0.01	<5	113	<1	22
*Rep CV869-010	131	0.33	80	59	<1	39
*Std OREAS 750	75	0.16	27	65	<1	12
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std AMIS0341	68	0.01	<5	115	<1	23
*Std OREAS 554	71	0.23	116	57	<1	64

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-001	0.2	<0.2	27.7	13.4	3.4	1.90
CV869-002	0.4	<0.2	12.2	5.0	2.7	1.56
CV869-003	0.2	<0.2	9.5	2.5	3.2	0.99
CV869-004	0.5	<0.2	12.5	5.3	7.2	1.62
CV869-005	0.5	<0.2	12.7	4.9	7.2	1.61
CV869-006	<0.1	<0.2	19.1	1.9	0.8	2.30
CV869-007	0.7	<0.2	14.8	4.1	4.3	1.93

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-008	0.1	<0.2	20.4	3.5	9.9	1.63
CV869-009	0.1	<0.2	27.2	29.3	6.2	2.54
CV869-010	<0.1	<0.2	31.9	16.1	6.1	2.29
CV869-011	0.3	<0.2	15.8	9.0	2.6	1.56
CV869-012	<0.1	<0.2	3.7	1.0	<0.1	0.36
CV869-013	0.2	<0.2	39.8	16.6	4.2	2.09
CV869-014	<0.1	<0.2	25.5	42.8	2.8	6.89
CV869-015	<0.1	<0.2	11.9	51.8	23.2	1.06
CV869-016	2.1	<0.2	3.5	106	3.6	0.83
CV869-017	0.2	<0.2	30.7	81.5	6.3	1.97
CV869-018	2.6	1.6	3.6	2.9	68.9	0.40
CV869-019	<0.1	0.2	5.3	29.5	2.3	1.95
CV869-020	<0.1	0.3	31.0	22.8	3.8	2.25
*Std OREAS 553	2.6	0.2	52.5	6604	0.8	3.86
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.1	<0.05
*Std OREAS 149	51.4	1.2	457	7.8	369	4.84
*Std AMIS0341	24.3	<0.2	1.0	3.5	468	0.26
*Rep CV869-010	<0.1	<0.2	30.4	15.8	5.6	2.23
*Std OREAS 750	1.0	0.6	32.6	4.0	22.2	2.79
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	0.2	<0.05
*Std AMIS0341	23.0	<0.2	1.1	3.6	483	0.27
*Std OREAS 554	2.9	<0.2	67.1	8483	2.3	3.80

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-001	1.21	0.84	15	2.22	3	3
CV869-002	1.11	0.92	4	1.67	5	<1
CV869-003	0.60	0.67	3	0.98	3	<1
CV869-004	0.93	1.01	10	1.77	4	<1
CV869-005	0.98	1.01	9	1.69	4	<1
CV869-006	1.52	1.82	2	2.45	9	<1
CV869-007	1.26	1.34	3	1.89	8	<1
CV869-008	1.04	0.98	6	1.86	9	<1
CV869-009	1.44	1.02	13	2.70	3	2
CV869-010	1.34	0.92	15	2.59	3	3
CV869-011	1.10	0.89	5	1.70	4	<1
CV869-012	0.20	0.05	<1	0.32	1	1
CV869-013	1.20	0.81	17	2.49	2	3
CV869-014	4.46	1.63	19	6.19	2	4
CV869-015	0.61	0.42	14	1.18	2	1
CV869-016	0.56	0.14	4	0.70	2	<1
CV869-017	1.07	0.48	10	2.06	1	<1
CV869-018	0.15	<0.05	18	0.35	6	2
CV869-019	1.22	0.61	9	1.72	<1	<1
CV869-020	1.41	0.72	18	2.47	1	3
*Std OREAS 553	2.04	0.85	8	4.29	1	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 149	1.88	4.34	48	9.52	7	6
*Std AMIS0341	0.13	<0.05	43	0.26	9	3
*Rep CV869-010	1.24	0.90	14	2.44	3	3
*Std OREAS 750	1.43	0.64	13	3.10	3	3
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std AMIS0341	0.13	<0.05	43	0.27	9	3
*Std OREAS 554	2.11	0.87	12	4.29	1	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-001	0.41	<0.2	13.6	0.18	<2	4
CV869-002	0.36	<0.2	6.3	0.16	<2	<1
CV869-003	0.20	<0.2	4.8	0.08	3	<1
CV869-004	0.34	<0.2	6.3	0.12	5	<1
CV869-005	0.34	<0.2	6.6	0.11	5	<1
CV869-006	0.49	<0.2	9.8	0.22	<2	12
CV869-007	0.41	<0.2	7.4	0.18	<2	15
CV869-008	0.35	<0.2	10.5	0.14	<2	2
CV869-009	0.50	<0.2	13.0	0.21	<2	4
CV869-010	0.45	<0.2	15.5	0.20	<2	4
CV869-011	0.35	<0.2	8.1	0.16	3	20
CV869-012	0.07	<0.2	2.1	<0.05	<2	<1
CV869-013	0.41	<0.2	20.9	0.17	<2	3
CV869-014	1.46	<0.2	11.0	0.65	<2	5
CV869-015	0.20	<0.2	6.0	0.09	<2	<1
CV869-016	0.17	<0.2	1.4	0.08	<2	<1
CV869-017	0.36	<0.2	17.5	0.14	<2	<1
CV869-018	<0.05	<0.2	1.9	<0.05	3	52
CV869-019	0.38	<0.2	2.1	0.18	<2	2
CV869-020	0.46	<0.2	16.1	0.20	<2	4
*Std OREAS 553	0.69	0.2	31.4	0.27	3	9
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 149	0.75	11.0	279	0.18	11	6218
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	117
*Rep CV869-010	0.41	<0.2	14.7	0.18	<2	4
*Std OREAS 750	0.52	<0.2	15.8	0.18	<2	19
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std AMIS0341	<0.05	<0.2	0.7	<0.05	3	115

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 554	0.72	<0.2	34.6	0.29	3	7

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-001	12.6	10	3.24	52.4	0.4	2.4
CV869-002	6.4	<5	1.49	11.8	1.0	1.4
CV869-003	4.7	<5	1.11	7.6	0.7	0.9
CV869-004	6.9	<5	1.55	12.5	1.2	1.4
CV869-005	6.9	<5	1.55	13.0	1.1	1.5
CV869-006	10.0	<5	2.32	1.5	1.1	2.0
CV869-007	7.9	<5	1.81	5.9	1.1	1.7
CV869-008	9.5	6	2.34	21.0	1.0	1.8
CV869-009	14.6	10	3.40	44.5	1.8	2.8
CV869-010	15.5	8	3.80	70.5	0.6	2.9
CV869-011	8.0	<5	1.92	11.4	1.0	1.5
CV869-012	1.8	<5	0.48	0.7	0.3	0.3
CV869-013	17.6	10	4.52	75.4	0.4	3.2
CV869-014	17.1	<5	3.56	12.6	1.0	5.0
CV869-015	6.0	7	1.44	30.8	2.7	1.2
CV869-016	2.3	<5	0.48	0.8	0.8	0.6
CV869-017	11.5	<5	3.19	14.1	1.1	2.0
CV869-018	1.6	17	0.42	713	0.7	0.4
CV869-019	4.0	19	0.76	16.7	0.3	1.2
CV869-020	13.3	7	3.49	50.5	0.1	2.7
*Std OREAS 553	24.1	14	6.15	25.9	0.4	4.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Blk BLANK	<0.1	<5	<0.05	<0.2	<0.1	<0.1
*Std OREAS 149	154	38	48.74	866	27.6	19.8
*Std AMIS0341	0.6	13	0.12	4079	12.1	0.2
*Rep CV869-010	14.6	8	3.55	66.8	0.6	2.7
*Std OREAS 750	15.3	15	3.84	247	0.4	3.4
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std AMIS0341	0.6	15	0.12	4169	11.7	0.2
*Std OREAS 554	28.9	17	7.69	87.6	2.1	5.2

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-001	<1	<0.5	0.32	2.8	<0.5	0.17
CV869-002	<1	<0.5	0.23	0.7	<0.5	0.16
CV869-003	<1	<0.5	0.15	0.5	<0.5	0.08
CV869-004	<1	<0.5	0.24	0.3	<0.5	0.13
CV869-005	<1	<0.5	0.26	0.3	<0.5	0.13
CV869-006	<1	<0.5	0.33	1.4	<0.5	0.21
CV869-007	<1	<0.5	0.28	1.7	<0.5	0.18
CV869-008	<1	<0.5	0.25	3.2	<0.5	0.14
CV869-009	<1	<0.5	0.39	2.0	<0.5	0.21
CV869-010	<1	<0.5	0.36	2.4	<0.5	0.18
CV869-011	<1	<0.5	0.25	4.5	<0.5	0.15
CV869-012	<1	<0.5	0.05	1.1	<0.5	<0.05
CV869-013	<1	<0.5	0.36	5.0	<0.5	0.17
CV869-014	1	<0.5	1.03	2.1	<0.5	0.65

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV869-015	<1	<0.5	0.17	1.5	<0.5	0.09
CV869-016	<1	<0.5	0.12	0.3	<0.5	0.08
CV869-017	<1	<0.5	0.30	1.5	<0.5	0.14
CV869-018	239	41.8	0.07	0.9	4.1	<0.05
CV869-019	1	<0.5	0.28	0.1	<0.5	0.17
CV869-020	1	<0.5	0.36	3.4	<0.5	0.20
*Std OREAS 553	1	0.6	0.61	5.6	<0.5	0.28
*Blk BLANK	<1	<0.5	<0.05	0.2	<0.5	<0.05
*Std OREAS 149	3427	28.7	1.04	114	7.6	0.23
*Std AMIS0341	85	745	0.05	4.7	39.3	<0.05
*Rep CV869-010	<1	<0.5	0.35	2.2	<0.5	0.17
*Std OREAS 750	42	9.9	0.47	5.9	1.5	0.19
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std AMIS0341	83	740	0.05	4.6	40.1	<0.05
*Std OREAS 554	2	0.5	0.61	8.9	0.5	0.30

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV869-001	0.76	<1	11.1	1.1	109	-
CV869-002	0.27	2	11.2	1.1	10.9	904
CV869-003	0.18	1	5.7	0.5	6.6	411
CV869-004	0.18	<1	9.6	0.8	6.3	1540
CV869-005	0.19	<1	9.6	0.8	6.4	-
CV869-006	0.24	1	14.7	1.4	12.2	34
CV869-007	0.83	3	12.1	1.2	18.5	1440

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV869-008	0.85	8	10.9	1.0	35.9	50
CV869-009	0.62	19	13.1	1.3	86.1	165
CV869-010	0.67	8	11.5	1.2	105	5
CV869-011	1.97	5	11.0	1.0	40.9	265
CV869-012	0.33	<1	1.9	0.2	35.5	-
CV869-013	1.51	13	11.1	1.2	87.8	-
CV869-014	0.43	11	36.9	4.3	153	-
CV869-015	0.54	2	5.5	0.6	52.2	-
CV869-016	<0.05	55	4.5	0.6	11.1	-
CV869-017	1.15	<1	9.3	0.9	30.5	-
CV869-018	8.48	5	1.8	0.2	31.0	-
CV869-019	0.09	2	10.1	1.2	30.0	<5
CV869-020	1.06	6	12.1	1.3	110	-
*Std OREAS 553	25.65	1	18.8	1.8	112	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 149	25.20	14	17.6	1.4	178	-
*Std AMIS0341	13.13	5	1.8	0.1	23.7	-
*Rep CV869-010	0.62	8	10.8	1.1	97.6	-
*Std OREAS 250c	-	-	-	-	-	317
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3300
*Rep CV869-008	-	-	-	-	-	55
*Std SL107	-	-	-	-	-	5220
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS 750	4.17	5	13.5	1.3	102	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std AMIS0341	13.22	5	1.9	0.1	22.3	-
*Std OREAS 554	14.10	1	19.5	2.0	81.8	-

THE END OF THE REPORT

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 14 May 2025

ANALYSIS REPORT BBM25-49252

Order Number	CV25-869
Project	Corvette
Submission Number	Batch CDM-035
Number of Samples	20

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

To INNOVA LITHIUM INC
DARREN SMITH
1801 MCGILL COLLEGE AVENUE, SUITE 900
MONTREAL H3A 1Z4
QC
CANADA

Order Number	CV25-870	Date Received	25 Apr 2025
Project	Corvette	Date Analysed	30 Apr 2025 - 18 May 2025
Submission Number	Batch CDM-036	Date Completed	18 May 2025
Number of Samples	25	SGS Order Number	BBM25-49255

Methods Summary

Number of Samples	Method Code	Description
25	G_WGH_KG	Weight of samples received
25	GE_ICP91A50	Na2O2/NaOH Fusion, 500°C, HNO3, ICPAES, 0.1g-50ml, Glassy Carbon crucibles
25	GE_IMS91A50	Na2O2/NaOH Fusion, ICP-MS, Glassy Carbon crucibles
15	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Comments

Preparation of samples was performed at the SGS Val-d'Or site.
Analysis of samples was performed at the SGS Burnaby site.

Received samples with "X" suffix are not to be reported in the final certificate as per client's request.
Some analysis of Over-Limits will be performed at SGS Lakefield and the reports are sent separately.

Authorised Signatory



John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
CV870-001	2.71	7.37	2067	161	<5	7.4
CV870-002	3.66	7.01	12	103	<5	5.4
CV870-003	1.26	7.76	6702	85	<5	5.7
CV870-004	3.97	6.58	4603	70	<5	5.2
CV870-005	-	6.49	4510	68	<5	5.1
CV870-006	3.45	10.43	>10000	55	<5	4.8
CV870-007	1.27	7.28	6472	58	<5	5.5
CV870-008	3.64	7.60	101	58	<5	5.9
CV870-009	1.50	6.77	1129	50	<5	6.7
CV870-010	1.23	7.39	61	149	<5	5.1
CV870-011	1.92	7.90	572	41	<5	5.6
CV870-012	0.51	0.15	16	12	<5	<0.1
CV870-013	3.55	7.60	197	333	<5	3.8
CV870-014	3.45	8.98	120	516	<5	2.2
CV870-015	3.25	8.57	232	412	<5	1.5
CV870-016	1.12	6.43	56	111	<5	1.5
CV870-017	3.24	8.86	177	500	<5	2.2
CV870-018	0.02	8.57	24	414	104	0.8
CV870-019	1.32	2.04	11	81	<5	2.1
CV870-020	3.42	5.91	24	216	<5	1.7
CV870-021	3.40	5.78	14	204	<5	1.6
CV870-022	3.65	4.80	13	178	<5	1.4
CV870-023	3.50	5.97	26	247	<5	2.5
CV870-024	2.31	5.94	41	310	<5	1.9
CV870-025	3.29	4.59	22	285	<5	1.6
*Std OREAS 554	-	4.41	182	1275	<5	4.0
*Std AMIS0341	-	8.92	451	157	216	0.6
*Blk BLANK	-	<0.01	<10	<10	<5	<0.1
*Std OREAS 149	-	7.98	30	2824	29	1.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	WTKG	@Al	B	@Ba	@Be	@Ca
Method	G_WGH_KG	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	0.01	0.01	10	10	5	0.1
Upper Limit	--	25	10,000	10,000	2,500	25
Unit	kg	%	ppm m / m	ppm m / m	ppm m / m	%
Client Sample ID						
*Rep CV870-009	-	6.83	1121	50	<5	6.8
*Rep CV870-024	-	5.99	42	313	<5	1.9

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV870-001	231	36	11.35	0.6	21	3.40
CV870-002	125	49	12.36	0.6	30	2.73
CV870-003	174	107	12.66	0.4	19	2.94
CV870-004	234	31	9.75	0.3	22	2.54
CV870-005	232	30	9.64	0.3	22	2.51
CV870-006	182	<10	11.63	0.2	35	3.20
CV870-007	219	<10	11.36	0.3	25	2.91
CV870-008	218	75	11.06	0.2	28	4.00
CV870-009	179	70	11.59	0.2	18	2.95
CV870-010	264	116	14.68	1.0	39	2.51
CV870-011	683	15	7.66	0.3	31	5.65
CV870-012	582	<10	0.52	<0.1	10	0.02
CV870-013	506	39	7.93	1.3	48	2.43
CV870-014	306	57	5.63	2.8	40	1.28
CV870-015	283	37	5.17	2.1	31	1.38
CV870-016	394	58	6.77	0.4	23	1.28
CV870-017	326	49	5.83	2.7	28	1.13
CV870-018	45	31	1.69	2.6	4760	0.30
CV870-019	431	49	7.22	0.3	<10	0.29
CV870-020	428	18	4.77	1.5	17	0.72

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Cr	@Cu	@Fe	@K	@Li	@Mg
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	10	0.01	0.1	10	0.01
Upper Limit	50,000	10,000	25	25	50,000	25
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV870-021	425	23	5.09	1.2	13	0.65
CV870-022	309	74	15.40	1.0	12	0.91
CV870-023	408	35	8.60	1.2	14	1.34
CV870-024	446	22	6.27	1.1	15	1.11
CV870-025	440	18	4.89	0.9	15	0.85
*Std OREAS 554	63	>10000	1.81	1.8	36	3.18
*Std AMIS0341	449	55	0.95	3.0	5009	0.22
*Blk BLANK	17	<10	<0.01	<0.1	<10	<0.01
*Std OREAS 149	104	330	4.28	1.5	10263	0.57
*Rep CV870-009	176	76	11.74	0.2	19	2.98
*Rep CV870-024	439	23	6.33	1.1	14	1.12

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV870-001	2157	71	0.11	0.06	43	23.6
CV870-002	1717	31	0.09	0.17	40	25.2
CV870-003	1897	31	0.17	0.58	40	24.4
CV870-004	1475	40	0.12	0.10	32	27.5
CV870-005	1459	33	0.12	0.10	32	27.1
CV870-006	1368	41	0.15	0.06	34	19.8
CV870-007	1753	38	0.15	0.04	36	24.3
CV870-008	1675	102	0.11	0.17	41	24.8
CV870-009	2385	51	0.12	0.33	42	24.7
CV870-010	4836	63	0.10	1.07	47	24.3
CV870-011	1298	217	0.08	0.02	28	25.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Mn	@Ni	@P	S	@Sc	@Si
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50
Lower Limit	10	5	0.01	0.01	5	0.1
Upper Limit	100,000	10,000	25	10	50,000	30
Unit	ppm m / m	ppm m / m	%	%	ppm m / m	%
Client Sample ID						
CV870-012	34	<5	<0.01	<0.01	<5	>30.0
CV870-013	1648	99	0.05	0.25	29	27.6
CV870-014	691	67	0.06	1.51	16	29.5
CV870-015	654	52	0.06	1.41	13	29.9
CV870-016	294	64	0.07	3.55	14	>30.0
CV870-017	764	67	0.06	2.10	17	29.5
CV870-018	666	12	0.13	0.06	<5	>30.0
CV870-019	435	36	0.04	4.00	<5	>30.0
CV870-020	406	57	0.06	1.76	14	>30.0
CV870-021	304	49	0.05	2.16	12	>30.0
CV870-022	286	90	0.05	8.82	12	27.6
CV870-023	444	73	0.07	4.33	15	28.8
CV870-024	385	57	0.07	2.86	13	29.9
CV870-025	469	47	0.05	2.03	10	>30.0
*Std OREAS 554	1101	26	0.03	0.78	8	27.7
*Std AMIS0341	1739	23	0.29	0.02	<5	>30.0
*Blk BLANK	<10	12	<0.01	<0.01	<5	<0.1
*Std OREAS 149	453	28	0.11	0.03	7	>30.0
*Rep CV870-009	2411	42	0.12	0.33	42	24.8
*Rep CV870-024	386	45	0.07	2.87	14	>30.0

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-001	166	1.02	368	151	<1	59
CV870-002	178	1.14	393	152	<1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Sr	@Ti	@V	@Zn	@Ag	@As
Method	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_ICP91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	10	0.01	5	5	1	5
Upper Limit	5,000	25	10,000	10,000	200	10,000
Unit	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-003	184	1.29	364	236	<1	12
CV870-004	140	0.91	297	142	<1	31
CV870-005	137	0.90	295	137	<1	24
CV870-006	257	1.30	371	251	<1	56
CV870-007	141	1.22	319	167	<1	43
CV870-008	137	0.97	342	142	<1	28
CV870-009	134	1.07	371	142	<1	30
CV870-010	56	1.18	399	146	<1	<5
CV870-011	189	0.52	165	101	<1	159
CV870-012	<10	0.01	6	<5	<1	<5
CV870-013	170	0.50	191	88	<1	57
CV870-014	221	0.47	119	92	<1	48
CV870-015	145	0.41	97	113	<1	151
CV870-016	289	0.40	89	76	<1	<5
CV870-017	205	0.49	121	113	<1	186
CV870-018	83	0.15	25	96	<1	10
CV870-019	82	0.13	34	20	<1	<5
CV870-020	130	0.39	92	44	<1	9
CV870-021	151	0.35	83	83	<1	9
CV870-022	158	0.32	78	61	<1	9
CV870-023	199	0.39	95	68	<1	<5
CV870-024	188	0.37	91	67	<1	17
CV870-025	158	0.29	72	59	<1	<5
*Std OREAS 554	70	0.23	117	60	<1	68
*Std AMIS0341	67	0.01	6	115	<1	26
*Blk BLANK	<10	<0.01	<5	<5	<1	<5
*Std OREAS 149	226	0.38	73	355	<1	152
*Rep CV870-009	133	1.08	377	144	<1	34
*Rep CV870-024	190	0.38	92	66	<1	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-001	<0.1	<0.2	17.3	56.1	1.6	6.54
CV870-002	<0.1	<0.2	24.9	48.6	7.5	8.36
CV870-003	<0.1	0.2	22.1	46.6	0.7	8.41
CV870-004	<0.1	<0.2	23.7	43.2	0.9	6.75
CV870-005	<0.1	<0.2	23.6	42.6	0.8	6.70
CV870-006	0.1	0.3	20.9	54.1	0.6	6.55
CV870-007	0.1	<0.2	50.6	47.2	0.5	10.17
CV870-008	<0.1	<0.2	21.6	56.2	4.7	6.15
CV870-009	<0.1	0.2	27.3	50.8	0.5	7.92
CV870-010	0.2	<0.2	23.3	65.9	2.4	7.62
CV870-011	<0.1	<0.2	22.0	51.0	12.6	3.18
CV870-012	<0.1	<0.2	3.3	1.2	0.2	0.41
CV870-013	<0.1	<0.2	30.3	38.3	2.3	3.94
CV870-014	0.2	<0.2	41.6	25.7	5.9	2.60
CV870-015	0.3	<0.2	34.9	21.4	5.2	2.19
CV870-016	0.2	<0.2	31.8	26.1	1.9	2.44
CV870-017	0.3	0.3	43.9	25.6	5.7	2.75
CV870-018	2.0	1.3	32.4	4.0	49.9	2.74
CV870-019	0.1	<0.2	14.1	13.6	0.9	1.00
CV870-020	<0.1	<0.2	33.6	17.9	2.8	2.27
CV870-021	<0.1	0.3	32.7	17.4	2.5	2.16
CV870-022	0.3	<0.2	28.8	37.5	2.3	1.94
CV870-023	0.2	<0.2	39.4	19.1	3.5	3.09
CV870-024	0.1	<0.2	40.5	14.9	3.3	2.74
CV870-025	<0.1	<0.2	26.3	14.9	2.9	1.95
*Std OREAS 554	3.0	0.2	67.5	8791	2.4	3.78
*Std AMIS0341	26.4	<0.2	1.2	5.8	522	0.32
*Blk BLANK	<0.1	<0.2	<0.1	<0.5	<0.1	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Dy
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	0.2	0.1	0.5	0.1	0.05
Upper Limit	1,000	10,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Std OREAS 149	52.4	1.2	472	8.3	378	4.91
*Rep CV870-009	<0.1	<0.2	27.4	49.0	0.4	7.67
*Rep CV870-024	0.1	<0.2	40.2	13.9	3.2	2.75

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-001	4.07	1.56	22	5.70	2	4
CV870-002	5.49	1.68	23	7.17	2	5
CV870-003	4.96	1.79	23	7.30	2	4
CV870-004	4.23	1.55	20	5.88	2	4
CV870-005	4.25	1.46	20	5.92	2	4
CV870-006	4.16	1.61	29	5.84	1	4
CV870-007	6.23	2.22	24	9.79	2	7
CV870-008	3.84	1.53	21	5.37	2	4
CV870-009	4.99	1.89	23	7.12	2	5
CV870-010	4.83	1.67	23	6.69	2	4
CV870-011	1.98	0.94	15	3.05	2	2
CV870-012	0.26	<0.05	<1	0.35	1	1
CV870-013	2.50	0.99	18	3.90	2	3
CV870-014	1.43	1.12	22	3.14	2	4
CV870-015	1.20	0.95	22	2.45	2	4
CV870-016	1.41	1.00	15	2.62	2	3
CV870-017	1.61	1.18	22	3.30	2	4
CV870-018	1.36	0.62	20	3.05	5	4
CV870-019	0.63	0.42	6	1.21	2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Er	@Eu	@Ga	@Gd	@Ge	@Hf
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.05	1	0.05	1	1
Upper Limit	1,000	1,000	1,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-020	1.28	0.91	14	2.70	2	3
CV870-021	1.21	0.83	14	2.58	2	3
CV870-022	1.09	0.73	11	2.33	2	2
CV870-023	1.70	1.21	14	3.70	2	3
CV870-024	1.50	1.14	14	3.31	2	3
CV870-025	1.01	0.77	12	2.15	2	2
*Std OREAS 554	2.13	0.87	13	4.21	2	3
*Std AMIS0341	0.15	0.06	48	0.31	10	4
*Blk BLANK	<0.05	<0.05	<1	<0.05	<1	<1
*Std OREAS 149	1.90	4.52	49	9.67	7	5
*Rep CV870-009	4.79	1.88	22	7.17	2	5
*Rep CV870-024	1.51	1.11	14	3.28	2	3

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-001	1.33	<0.2	6.9	0.60	<2	4
CV870-002	1.73	<0.2	10.3	0.82	<2	6
CV870-003	1.68	<0.2	9.2	0.70	<2	5
CV870-004	1.41	<0.2	10.1	0.61	<2	5
CV870-005	1.35	<0.2	10.1	0.61	<2	5
CV870-006	1.33	<0.2	8.8	0.61	<2	6
CV870-007	2.05	<0.2	21.6	0.86	<2	6
CV870-008	1.25	<0.2	8.5	0.54	<2	4
CV870-009	1.65	<0.2	11.5	0.72	<2	6
CV870-010	1.54	<0.2	9.7	0.67	<2	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Ho	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.05	0.2	0.1	0.05	2	1
Upper Limit	1,000	1,000	10,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-011	0.64	<0.2	9.3	0.29	<2	3
CV870-012	0.08	<0.2	1.8	<0.05	<2	<1
CV870-013	0.79	<0.2	14.8	0.35	<2	4
CV870-014	0.49	<0.2	19.5	0.22	<2	6
CV870-015	0.42	<0.2	17.2	0.18	<2	5
CV870-016	0.49	<0.2	15.2	0.20	<2	5
CV870-017	0.52	<0.2	21.1	0.22	<2	6
CV870-018	0.47	<0.2	16.0	0.17	4	40
CV870-019	0.21	<0.2	6.9	0.09	3	2
CV870-020	0.43	<0.2	15.5	0.17	<2	5
CV870-021	0.43	<0.2	15.6	0.17	3	4
CV870-022	0.38	<0.2	14.0	0.15	<2	3
CV870-023	0.57	<0.2	18.1	0.21	<2	5
CV870-024	0.51	<0.2	18.1	0.19	<2	4
CV870-025	0.37	<0.2	12.6	0.14	2	4
*Std OREAS 554	0.71	<0.2	34.5	0.28	3	7
*Std AMIS0341	0.06	<0.2	0.8	<0.05	4	129
*Blk BLANK	<0.05	<0.2	<0.1	<0.05	<2	<1
*Std OREAS 149	0.77	11.4	287	0.22	11	6558
*Rep CV870-009	1.57	<0.2	11.4	0.69	<2	5
*Rep CV870-024	0.52	<0.2	17.9	0.18	2	4

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-001	13.5	<5	2.59	17.7	0.8	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-002	18.2	<5	3.67	25.6	0.6	5.4
CV870-003	17.3	5	3.33	7.7	0.7	5.5
CV870-004	16.3	<5	3.34	5.8	0.7	4.7
CV870-005	16.0	<5	3.30	5.9	0.7	4.5
CV870-006	15.1	<5	3.04	5.4	0.8	4.5
CV870-007	31.7	<5	6.84	4.5	1.0	8.2
CV870-008	15.4	<5	3.00	5.2	0.9	4.3
CV870-009	19.5	<5	3.92	2.7	0.9	5.6
CV870-010	17.3	<5	3.39	31.1	0.8	5.0
CV870-011	13.2	<5	2.93	7.7	1.1	2.9
CV870-012	1.6	<5	0.39	2.0	0.2	0.4
CV870-013	15.5	6	3.72	40.7	0.5	3.6
CV870-014	20.4	11	5.02	99.8	0.9	3.8
CV870-015	16.0	9	4.10	73.7	0.7	3.0
CV870-016	15.8	9	3.91	13.6	0.7	3.2
CV870-017	21.2	11	5.39	101	1.2	3.9
CV870-018	15.6	22	3.90	553	0.5	3.4
CV870-019	6.8	<5	1.68	11.7	0.7	1.2
CV870-020	16.5	10	4.11	43.8	1.0	3.0
CV870-021	15.6	6	3.92	46.5	1.1	2.8
CV870-022	13.9	6	3.46	34.7	1.5	2.5
CV870-023	20.0	7	4.86	45.0	1.0	3.8
CV870-024	20.7	7	5.05	44.6	1.0	3.8
CV870-025	12.9	5	3.20	34.4	0.8	2.4
*Std OREAS 554	28.9	18	7.72	90.0	2.1	5.0
*Std AMIS0341	0.7	14	0.13	4526	12.8	0.2
*Blk BLANK	<0.1	<5	<0.05	0.4	<0.1	<0.1
*Std OREAS 149	161	39	50.16	888	28.4	20.3
*Rep CV870-009	19.3	<5	3.89	2.6	0.9	5.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	0.1	5	0.05	0.2	0.1	0.1
Upper Limit	10,000	10,000	1,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
*Rep CV870-024	20.1	7	4.95	43.6	1.1	3.8

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-001	1	<0.5	0.91	0.7	<0.5	0.56
CV870-002	2	<0.5	1.20	1.2	<0.5	0.78
CV870-003	1	<0.5	1.18	1.0	<0.5	0.69
CV870-004	1	<0.5	0.96	1.3	<0.5	0.61
CV870-005	1	<0.5	0.98	1.3	<0.5	0.61
CV870-006	1	<0.5	0.95	1.0	<0.5	0.60
CV870-007	1	<0.5	1.54	3.0	<0.5	0.84
CV870-008	<1	<0.5	0.88	0.8	<0.5	0.54
CV870-009	1	<0.5	1.13	1.6	<0.5	0.71
CV870-010	1	<0.5	1.08	1.0	<0.5	0.66
CV870-011	<1	<0.5	0.48	0.5	<0.5	0.28
CV870-012	<1	<0.5	0.06	0.8	<0.5	<0.05
CV870-013	<1	<0.5	0.58	2.9	<0.5	0.36
CV870-014	1	<0.5	0.43	4.1	0.7	0.21
CV870-015	<1	<0.5	0.34	3.8	<0.5	0.16
CV870-016	<1	<0.5	0.40	2.1	<0.5	0.21
CV870-017	1	<0.5	0.43	4.0	0.6	0.23
CV870-018	163	28.4	0.45	6.5	3.2	0.18
CV870-019	<1	<0.5	0.16	0.5	<0.5	0.08
CV870-020	<1	<0.5	0.36	1.7	<0.5	0.18
CV870-021	<1	<0.5	0.33	1.7	<0.5	0.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

ANALYSIS REPORT BBM25-49255

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

Element	@Sn	@Ta	@Tb	@Th	@Tl	@Tm
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50
Lower Limit	1	0.5	0.05	0.1	0.5	0.05
Upper Limit	10,000	10,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
Client Sample ID						
CV870-022	<1	<0.5	0.32	1.3	<0.5	0.15
CV870-023	<1	<0.5	0.47	1.8	<0.5	0.23
CV870-024	<1	<0.5	0.45	1.7	<0.5	0.22
CV870-025	<1	<0.5	0.30	1.3	<0.5	0.14
*Std OREAS 554	2	0.5	0.58	9.0	0.5	0.28
*Std AMIS0341	92	779	0.06	5.3	43.7	<0.05
*Blk BLANK	<1	<0.5	<0.05	<0.1	<0.5	<0.05
*Std OREAS 149	3462	28.2	1.05	118	7.8	0.23
*Rep CV870-009	1	<0.5	1.11	1.6	<0.5	0.68
*Rep CV870-024	<1	<0.5	0.46	1.7	<0.5	0.20

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV870-001	0.22	1	35.0	3.9	132	5
CV870-002	0.37	<1	46.0	5.4	166	-
CV870-003	0.29	2	43.3	4.8	153	<5
CV870-004	0.37	2	35.9	4.3	153	<5
CV870-005	0.38	2	36.1	4.2	150	-
CV870-006	0.30	3	34.4	4.0	138	<5
CV870-007	0.70	2	53.4	5.8	269	<5
CV870-008	0.24	<1	32.2	3.5	132	-
CV870-009	0.42	1	42.2	4.8	175	28
CV870-010	0.36	2	41.1	4.5	144	9
CV870-011	0.16	<1	16.7	1.9	71.3	-
CV870-012	0.38	<1	2.4	0.3	37.3	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Date: 20 May 2025

Order Number	CV25-870
Project	Corvette
Submission Number	Batch CDM-036
Number of Samples	25

ANALYSIS REPORT BBM25-49255

Element	@U	@W	@Y	@Yb	@Zr	@Au
Method	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_IMS91A50	GE_FAA30V5
Lower Limit	0.05	1	0.5	0.1	0.5	5
Upper Limit	1,000	10,000	1,000	1,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppb
Client Sample ID						
CV870-013	0.81	1	21.8	2.4	107	-
CV870-014	1.09	7	12.6	1.4	149	-
CV870-015	1.14	4	10.5	1.3	150	-
CV870-016	0.62	3	11.7	1.4	121	16
CV870-017	1.13	5	13.3	1.6	157	-
CV870-018	7.34	9	13.5	1.2	113	-
CV870-019	0.20	<1	5.6	0.6	36.9	10
CV870-020	0.50	28	10.5	1.1	104	15
CV870-021	0.54	21	10.4	1.1	103	17
CV870-022	0.38	8	9.3	1.0	82.6	17
CV870-023	0.52	8	14.3	1.5	108	33
CV870-024	0.53	5	13.1	1.3	107	12
CV870-025	0.42	2	9.5	0.9	78.4	12
*Std OREAS 554	14.92	2	19.8	2.0	88.2	-
*Std AMIS0341	14.20	6	2.0	0.1	25.5	-
*Blk BLANK	<0.05	<1	<0.5	<0.1	<0.5	-
*Std OREAS 149	24.98	15	18.4	1.5	177	-
*Rep CV870-009	0.43	1	41.0	4.7	173	-
*Rep CV870-024	0.52	5	12.9	1.3	105	-
*Std OREAS 250c	-	-	-	-	-	317
*Blk BLANK	-	-	-	-	-	<5
*Std OREAS L14	-	-	-	-	-	3300
*Std SL107	-	-	-	-	-	5220
*Rep CV870-023	-	-	-	-	-	35
*Blk BLANK	-	-	-	-	-	<5

THE END OF THE REPORT

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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APPENDIX

5-7 LABORATORY GEOTECHNICAL TAILINGS TESTING REPORT

AtkinsRéalis	TECHNICAL NOTE Shaakichiuwaanaan Project – Waste and Water Management		
	Document No.: CASN-A-370-GT-REP-0003	**Rev.**	**Date:**
	702381-4000-4GER-0003	C	August 29, 2025

Title of Document: **LABORATORY GEOTECHNICAL TAILINGS TESTING REPORT**

Client: **PATRIOT BATTERY METALS INC.**

Project: **SHAAKICHIUWAANAAN PROJECT – WASTE AND WATER MANAGEMENT**

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List of Revisions

#	Prep.	Rev.	App.	Date	Pages	Remarks
A	RA	PA	BM	2025-06-20	All	Issue for internal review
B	RA	PA	BM	2025-07-03	All	Issue for client comment
C	RA	PA	BM	2025-08-29	All	Issued as final

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Appendix A Lab Testing Report

1. Introduction

Patriot Battery Metals Inc. (PMET) has retained AtkinsRéalis to conduct a feasibility study on waste and water management for the Shaakichiuwaanaan Project. This proposed lithium mine in the Eeyou Istchee James Bay region of northern Québec will involve both open-pit and underground mining operations. The project will include stockpiles for overburden, waste rock, tailings, organic materials, a water treatment plant, a process plant, and other essential mining infrastructure. Mining operations are expected to commence in 2028, with a projected mine life of 22 years.

The tailings produced during processing will exit the plant as a single stream. Over the 22-year life of the mine (LOM), the total anticipated tailings production is estimated at 71.1 million tonnes. Approximately 54 million tonnes of this will be designated for surface disposal, while the remaining 17.1 million tonnes will be utilized for paste backfill. The tailings for surface disposal will consist of a mixture of Primary Coarse DMS floats and degrit, Secondary Coarse DMS degrit, Fine DMS floats and degrit, Ultrafine DMS floats and degrit, Recrush DMS floats, DMS Mags, and Belt Filter Cake.

AtkinsRéalis developed a geotechnical laboratory testing plan for the tailings samples and coordinated testing at the WSP laboratory in Burnaby, BC. This plan aimed to characterize the mechanical and physical properties of the tailings, including their strength, consolidation, and permeability.

The WSP laboratory received three size ranges of tailings samples (9.5–3.3 mm, 3.3–0.65 mm, and <0.65 mm) from two deposits (MC-001 and MC-002), as shown in **Table 1-1**., from Primero, who are responsible for the design of the process plant. The masses provided reflect the expected proportions to be produced at the plant, and they were combined in the lab to create a representative sample of the tailings.

This memorandum presents the laboratory testing results and analysis that have been incorporated into the filter tailings stack design.

Table 1-1:Tailings Blend Ratio

Size Fraction	Description	Sample Size (kg)	Ratio
-9.5, +3.3mm	Primary Coarse DMS rejects	17.7	59%
-3.3, +0.65mm	Fines DMS rejects	8.4	28%
-0.65mm	DMS Bypass	3.9	13%
Total		**30**	**100%**

2. Geotechnical Laboratory Testing

Geotechnical testing was conducted at the WSP laboratory. A summary of the laboratory tests performed for index and engineering property characterization is provided in **Table 2-1**.

The tailings will be compacted to achieve a dense state, ensuring they meet the necessary engineering properties for the structural performance and stability of the filter tailings stack. The degree of compaction is assessed in terms of maximum dry density and optimum water content. The standard Proctor compaction test (ASTM D698) is the industry standard in geotechnical engineering for determining maximum dry density and optimum water content. AtkinsRéalis recommends compacting the filter tailings to 95% of the maximum dry density obtained from the Proctor test to construct the filter tailings stack.

To simulate anticipated field conditions regarding compaction and moisture content, samples were prepared for strength, consolidation, and permeability testing at 95% of the maximum dry unit weight derived from the standard Proctor compaction tests conducted at the WSP laboratory. The following subsections summarize the tailings index properties, strength, consolidation, and permeability testing results. The detailed lab report from WSP is included in **Appendix A**.

Table 2-1: Laboratory Testing Program

Test Description	# of tests	Standard	Rational
Grain Size Analysis (Sieve and Hydrometer)	1	ASTM D422 & ASTM D7928	To determine the physical properties of the tailings
Atterberg Limits	1	ASTM D4318	To determine the physical properties of the tailings
Specific Gravity	1	ASTM D854	To determine the physical properties of the tailings
Standard Proctor test	1	ASTM D698	To determine the maximum dry density and (geotechnical) optimum water content for soils to be placed as structural layers
Standard Permeability (Hydraulic Conductivity) test	1	ASTM D5084	To determine the hydraulic conductivity
One-dimensional Consolidation Test (Method B)	1	ASTM D2435	To determine the settlement and permeability
CIU´ – Consolidated-Isotropically Undrained Triaxial	4	ASTM D4767	To determine the strength parameters of the tailings samples

2.1 Particle Size Distribution (PSD)

WSP conducted a grain size analysis (sieve and hydrometer) using ASTM D422 and ASTM D7928. The particle size distribution is illustrated in Figure 2-1. This distribution shows the size range of particles present in the tailings, expressed as a percentage of the total dry weight. AtkinsRéalis categorized the particle size distribution based on the Unified Soil Classification System (USCS) as follows:

- Gravel: Particle size between 4.75 mm to 76.2 mm;
- Sand: Particle size between 0.075 m to 4.75 mm;
- Silt: Particle size between 0.075 mm to 0.002 mm, and;
- Clay size: Particle size less than 0.002 mm.

As shown in Figure 2-1, the tailings contain approximately 3% fine particles (Silt and/or Clay), around 57% sand, and about 40% gravel. The tailings consist of more than 50% sand and less than 5% fines, with a coefficient of

gradation (Cc=$\frac{(D_{30})2}{D_{10}\,x\,D_{60}}$) value of 2.2, which falls between 1 and 3, and a uniformity coefficient (Cu = $\frac{D_{60}}{D_{10}}$) value of 13.5, greater than 4. Based on these characteristics, the tailings can be classified as well-graded sand and categorized as 'SW' based on USCS.

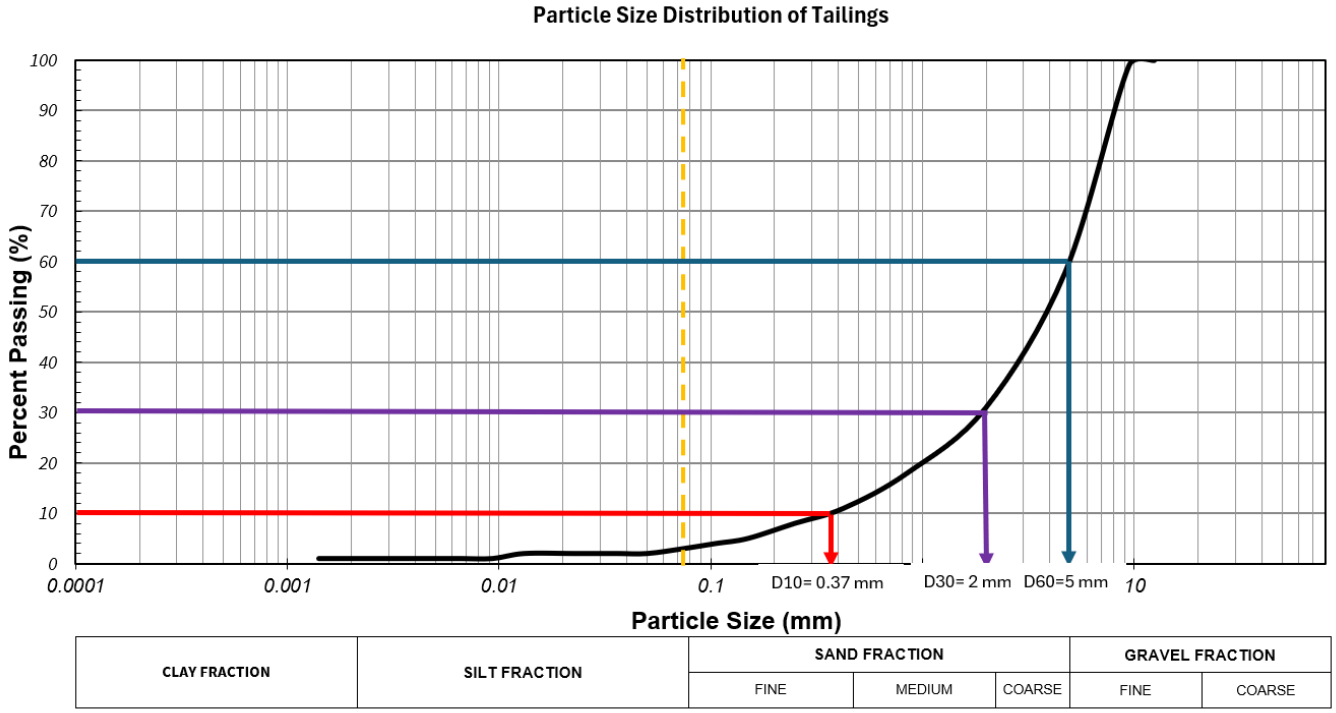


Figure 2-1: Grain Size Distributions of Tailings

2.2 Atterberg Limit

The Atterberg limit refers to liquid and plastic limits and is used worldwide for soil identification and classification. The Atterberg limit testing was attempted according to ASTM D4318 by WSP, and the report from WSP is included in **Appendix A**. The report indicated that the tailings sample exhibits non-plastic behaviour.

2.3 Specific Gravity

Specific gravity is a fundamental property of soil, defined as the ratio of soil density to the density of water. It estimates various soil properties, such as soil density, void ratio, etc. The measurements for tailings particle density were obtained from laboratory tests following ASTM D854. One sample analyzed for tailings particle density revealed a specific gravity of 2.68.

2.4 Proctor Compaction Testing

A standard Proctor compaction test was conducted on the tailings samples according to ASTM D698. The results are illustrated in **Figure 2-2**, which plots dry density against moisture content. This graph reveals a curvilinear relationship, indicating that the tailings sample has a standard Proctor maximum dry density of 1,958 kg/m³ and an optimal moisture content of 11.7% (Ww/Ws).

A saturation curve, also known as the zero air voids curve, is presented at a theoretical level of 100% saturation (zero air voids) to verify any intersection with the Proctor results. If the two curves intersect, it suggests an error in testing, calculation, or data plotting.

During a field density test, the dry unit weight should reach 95% of the Proctor maximum dry density, corresponding to 1,860 kg/m³. If achieving the required densities in the field is challenging, comparing the field moisture content with the optimal moisture content obtained from laboratory tests is advisable. If the field moisture content differs by more than 2% to 3%, adjustments can be made by aerating or drying the tailings or adding water.

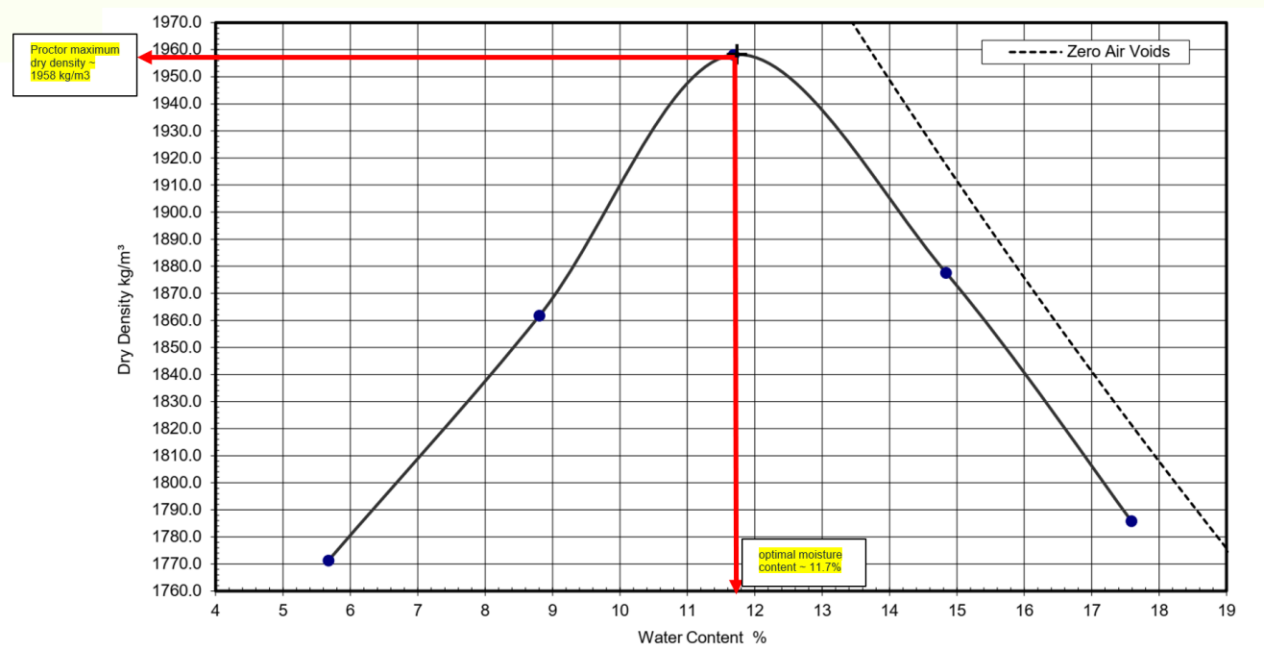


Figure 2-2: Standard Proctor Compaction Testing Results

2.5 Triaxial Consolidated Undrained Test

Four static Consolidated Undrained (CU) triaxial tests were conducted on specimens of compacted tailings. The specimens were prepared to 95% of the Proctor maximum dry density and tested under confining stresses of 100 kPa, 600 kPa, 1200 kPa, and 2400 kPa. These confining stresses were selected to represent a range of stress conditions expected within the tailings stack.

The CU triaxial stress paths are illustrated in Figure 2-3. The Maximum Principal Stress Ratio (PSR, or max σ_1'/σ_3') obtained from the CU triaxial tests was used to evaluate the effective stress shear strengths of the tailings. The stress paths exhibited initial contractive behaviour, transitioning to a more pronounced dilative response at each confining stress tested, as shown in **Figure 2-3**. All CU triaxial specimens displayed a ductile response, with no evidence of brittle shear strength reduction after reaching the peak. As indicated in Figure 2-3, all CU test specimens generated positive excess pore pressure leading up to failure.

Additionally, the CU triaxial stress paths of the specimens were used to estimate the effective shear strength of the tailings. As shown in the **Figure 2-3**, the effective shear strength is characterized by c' = 0 kPa and φ' = 42°, as determined using the Cambridge plot.

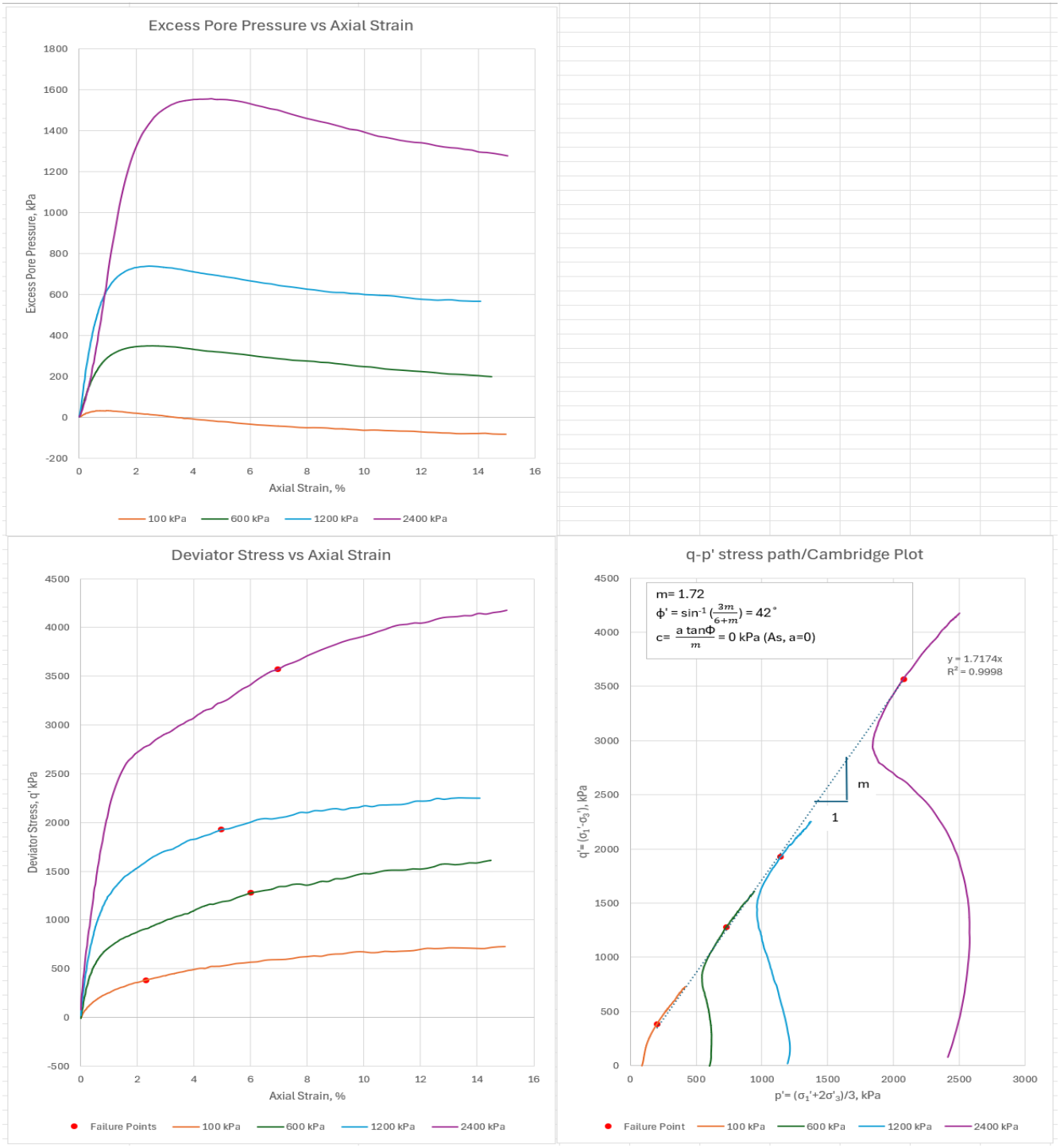


Figure 2-3: CU Stress Paths

2.6 Consolidation

Consolidation tests on sandy materials are generally not conducted to evaluate compressibility or permeability because sand typically undergoes immediate settlement under load due to its high permeability and granular structure. However, in the present study, consolidation tests were performed to assess how the tailings compress and settle when subjected to significant loads, particularly due to the stockpile's height exceeding 100 meters. One consolidation test was conducted on a reconstituted tailings sample. WSP performed a standard incremental oedometer consolidation test in accordance with ASTM D2435. The tailings sample was reconstituted to approximately 95% of the standard Proctor values.

The coefficient of consolidation, Cv, has been estimated to reflect the rate at which saturated tailings undergo consolidation. The square root of time fitting method, as described by Taylor (1948), was used to estimate Cv using the following formula:

$$Cv = 0.848 * \frac{H_{dr}^2}{t_{90}}$$

Where t_{90} represents the time required for 90% consolidation, and H_{dr} is the drainage path length. The average coefficient of consolidation, Cv, is estimated to be 0.0532 cm²/s. Appendix A illustrates how Cv varies with vertical stress. Additionally, the Compression Index (Cc) and Recompression Index (Cr), which measure the compressibility of the tailings, have been estimated at 0.04 and 0.01, respectively. The lower value of the compression index, Cc, indicates that tailings are relatively incompressible compared to fine tailings/slimes.

2.7 Permeability

Hydraulic conductivity testing was performed on reconstituted specimens of tailings in accordance with ASTM D5084 – Method C. The testing utilized a falling head method, conducted at confining stresses of 1200 kilopascals (kPa). The samples were reconstituted to approximately 95% of the standard Proctor values.

The detailed results are presented in Appendix A. The findings indicate that the average hydraulic conductivity of the tailings at 1200 kPa is 9.46E-04 cm/s (approximately 9.46E-06 m/s), which falls within the permeability range of sandy materials such as well-graded sand (SW).

3. Conclusions

Based on the laboratory analysis conducted on the tailings samples, the following conclusions can be drawn, which provide insights into the behaviour and characteristics of the tailings material:

- The tailings consist of approximately 3% fine particles (silt and/or clay), around 57% sand, and about 40% gravel. This composition classifies the material as well-graded sand (SW) according to the Unified Soil Classification System (USCS);
- The tailings sample exhibits non-plastic behaviour and has a specific gravity of 2.68;
- The standard Proctor maximum dry density of the tailings is 1,958 kg/m³, with an optimal moisture content of 11.7%;
- The effective shear strength of the tailings is characterized by a cohesion (c') of 0 kPa and a friction angle (φ') of 42°, as determined by the Consolidated Undrained (CU) test;
- The coefficient of consolidation (Cv), which indicates the rate at which saturated tailings undergo consolidation, is estimated to be 5.32E-2 cm²/s;
- The Compression Index (Cc) and Recompression Index (Cr), which measure the compressibility of the tailings, have been estimated at 0.04 and 0.01, respectively. The lower value of the compression index, Cc, indicates that tailings are relatively incompressible compared to fine tailings/slimes, and
- The average hydraulic conductivity of the tailings at 1200 kPa is measured at 9.46E-04 cm/s.

APPENDIX A.

Lab Testing Report

PARTICLE SIZE DISTRIBUTION

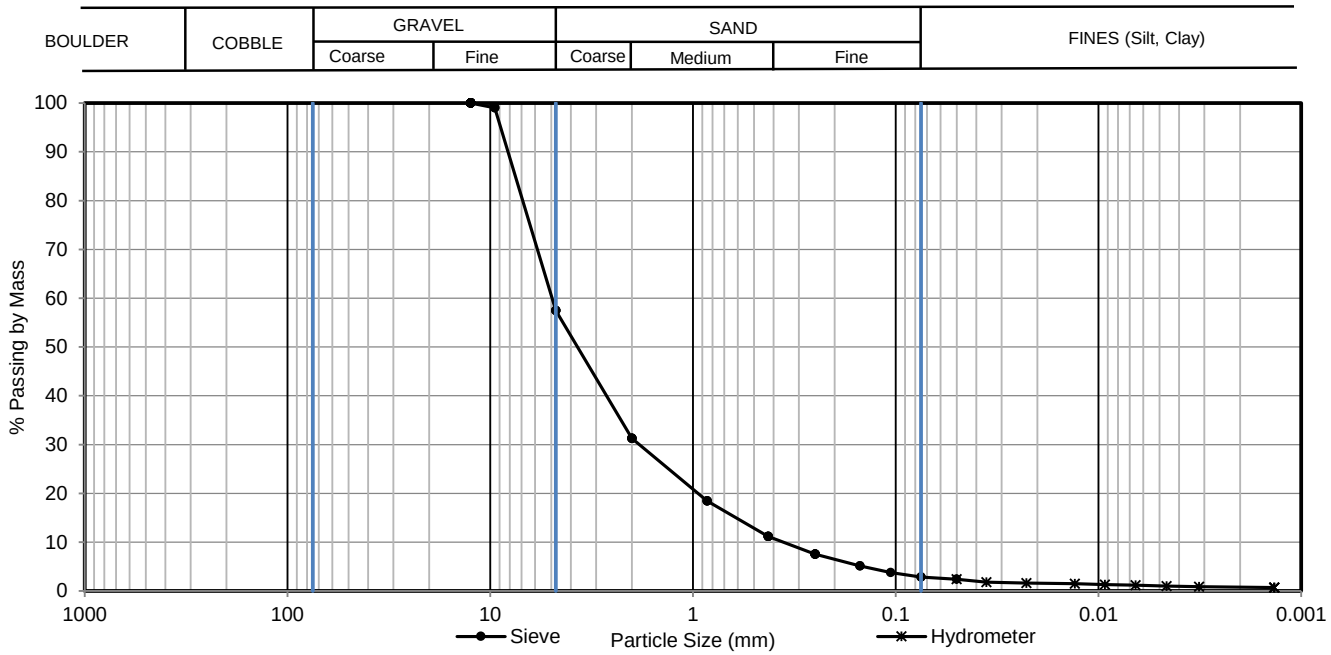
ASTM D6913 and ASTM D422

Method B

Test Request #	B25-100	Project Number:	CA0051178.6278
Client:	AtkinsRéalis	Project Location:	Eeyou Istchee James Bay Region, Québec
Project Name:	Feasibility Study for Shaakichiuwaanaan Mining Project	Sample Location:	1900-10 Hindenburg
Source:		Sample No.:	MC001 + MC002
		Type:	GS
		Depth (m):	-

Specimen Reference	NA	Specimen Depth (m):	NA	Date of Test	5/12/2025
Specimen Description	NA				

Grain Size Distribution (%) 42.5 54.6 2.9



Sieve			Hydrometer Sedimentation	
Sieve No.	Particle Size mm	% Passing	Particle Size mm	% Passing
1/2"	12.5	100.0	0.0501	2.4
3/8"	9.5	99.0	0.0358	1.8
#4	4.75	57.5	0.0227	1.6
#10	2	31.3	0.0131	1.5
#20	0.85	18.4	0.0093	1.3
#40	0.425	11.2	0.0066	1.2
#60	0.25	7.6	0.0046	1.0
#100	0.15	5.1	0.0032	0.9
#140	0.106	3.8	0.0014	0.7
#200	0.075	2.9		
			0.005 mm	1.00
			0.002 mm	0.80
			D60	4.95
			D30	1.83
			D10	0.36
			Cu	14.00
			Cc	1.90

Notes:

Disclaimer:

The laboratory testing services reported herein have been performed in accordance with the terms of a contract with WSP's client, and with the recognized standards indicated in this report, or local industry practice. This laboratory testing services report is for the sole use of WSP's client, relates only to the sample(s) tested and does not represent any (actual or implied) interpretation or opinion regarding specification compliance or materials suitability for any specific purpose.

Tested by: JPandez **Date:** 12-May-25 **Checked by:** JPandez **Date:** 14-May-25 **Reviewed by:** SJohn **Date:** 14-May-25

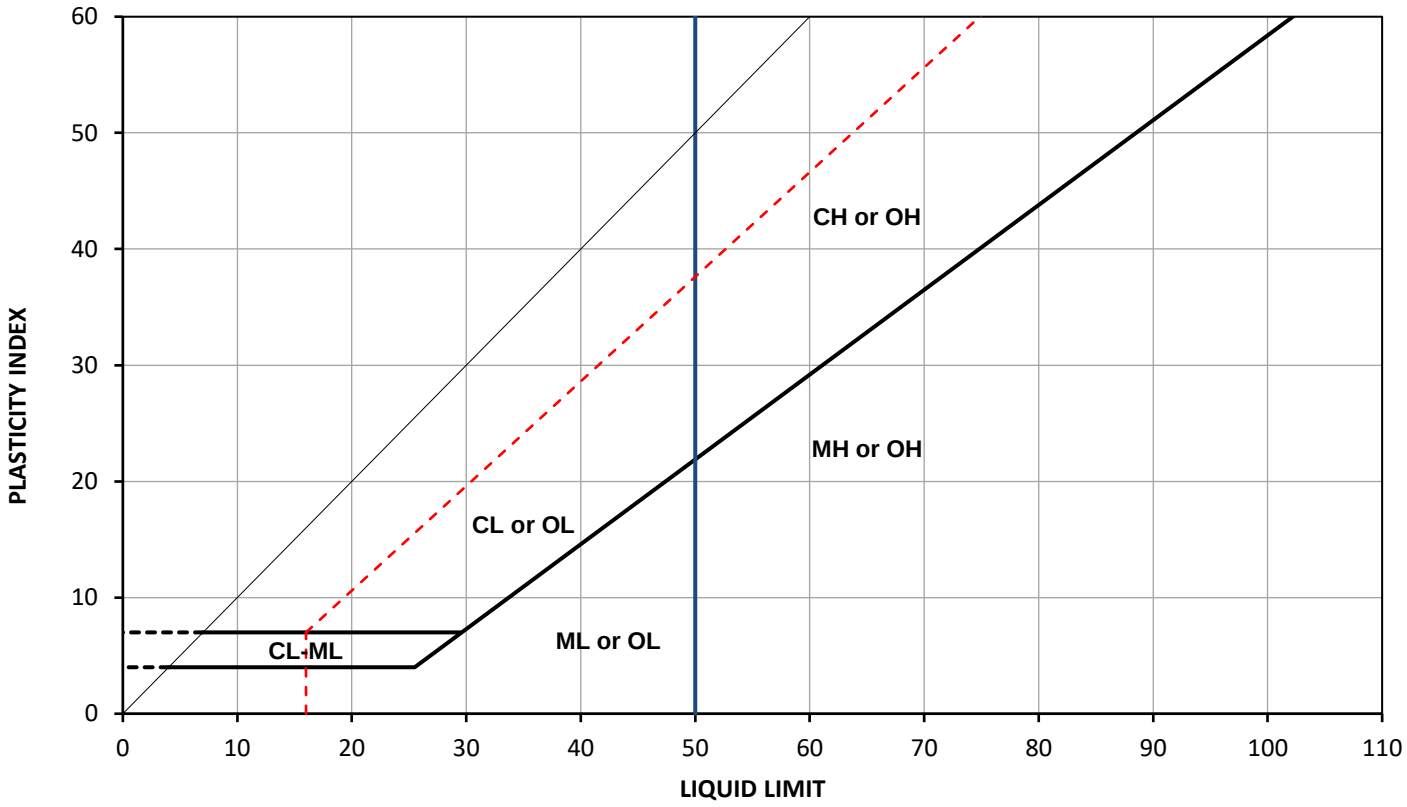
WSP Canada Inc.
Unit 300 - 3811 North Fraser Way, Burnaby, British Columbia, V5J 5J2, Canada

[+1] 604 412 6899

LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX
ASTM D4318

Test Request #	B25-100	Project Number:	CA0051178.6278
Client:	AtkinsRéalis	Project Location:	Eeyou Istchee James Bay Region, Québec
Project Name:	Feasibility Study for Shaakichiuwaanaan Mining Project	Sample Location:	1900-10 Hindenburg
Source:		Sample No.:	MC001 + MC002
		Type:	GS
		Depth (m):	-

Specimen Reference	NA	Specimen Depth	NA	Date of Test	12 May 2025
Specimen Description	NA				



Sample Location	Sample / Specimen Number	Top Depth (m)	Base Depth (m)	Percent Passing #40 Sieve	Natural Water Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index
1900-10 Hindenburg	MC001 + MC002	-		11	ND		NP		

NP = Non-Plastic
ND = Not Determined

Test Preparation
Dry Preparation Tested after >425um removed

Notes:

Disclaimer:
The laboratory testing services reported herein have been performed in accordance with the terms of a contract with WSP's client, and with the recognized standards indicated in this report, or local industry practice. This laboratory testing services report is for the sole use of WSP's client, relates only to the sample(s) tested and does not represent any (actual or implied) interpretation or opinion regarding specification compliance or materials suitability for any specific purpose.

Tested by: JPandez **Date:** 12 May 2025
Checked by: JPandez **Date:** 13 May 2025
Reviewed by: SJohn **Date:** 14 May 2025

WSP Canada Inc.
Unit 300 - 3811 North Fraser Way, Burnaby, British Columbia, V5J 5J2,
Canada

[+1] 604 412 6899

Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer

ASTM D854

Project No.:	CA0051178.6278	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Pı	**Sample Number:**	MC001 + MC002
Location:	Eeyou Istchee James Bay Region, Québec	**Depth (m):**	-
Client:	AtkinsRéalis	**Lab Sch. No.:**	B25-100

% Passing 4.75 mm	57.50
Excluded Material Description	

Specific Gravity of Fine Fraction Method B - Oven Dry Specimens

		Trial 1	Trial 2
Flask Number		500 - 9	500 - 6
Air Removal Method		Boiling	Boiling
Mass of Flask (g)	M_p	160.42	161.40
Mass of Flask + Dry Soil (g)		260.44	261.39
Mass of Flask + Soil + Water (g)	$M_{rws,t}$	721.07	722.28
Test Temperature (°C)	T_t	22.60	22.60
Mass of Flask + Water (g)	$M_{rw,t}$	658.52	659.50
Tare Number		KC1	9D
Mass of Tare + Dry Soil (g)		284.76	285.40
Mass of Tare (g)		184.77	185.31
Mass of Oven Dry Soil (g)	M_S	99.99	100.09
Temperature Coefficient	K	1.00	1.00
Specific Gravity at Test Temperature	G_t	2.67	2.68
Specific Gravity at 20ºC	$G_{20ºC}$	2.67	2.68

AVERAGE SPECIFIC GRAVITY OF TRIALS	2.68

The test data given herein pertain to the sample provided only. This report constitutes a testing service only.

JPandez	May 12, 2025	SJohn	May 14, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc.
#300 - 3811 North Fraser Way, Burnaby, British Columbia, Canada V5J 5J2
Tel: 604-412-6899 Fax: 604-412-6816 www.wsp.com

Compaction Characteristics of Soil Using Standard Effort

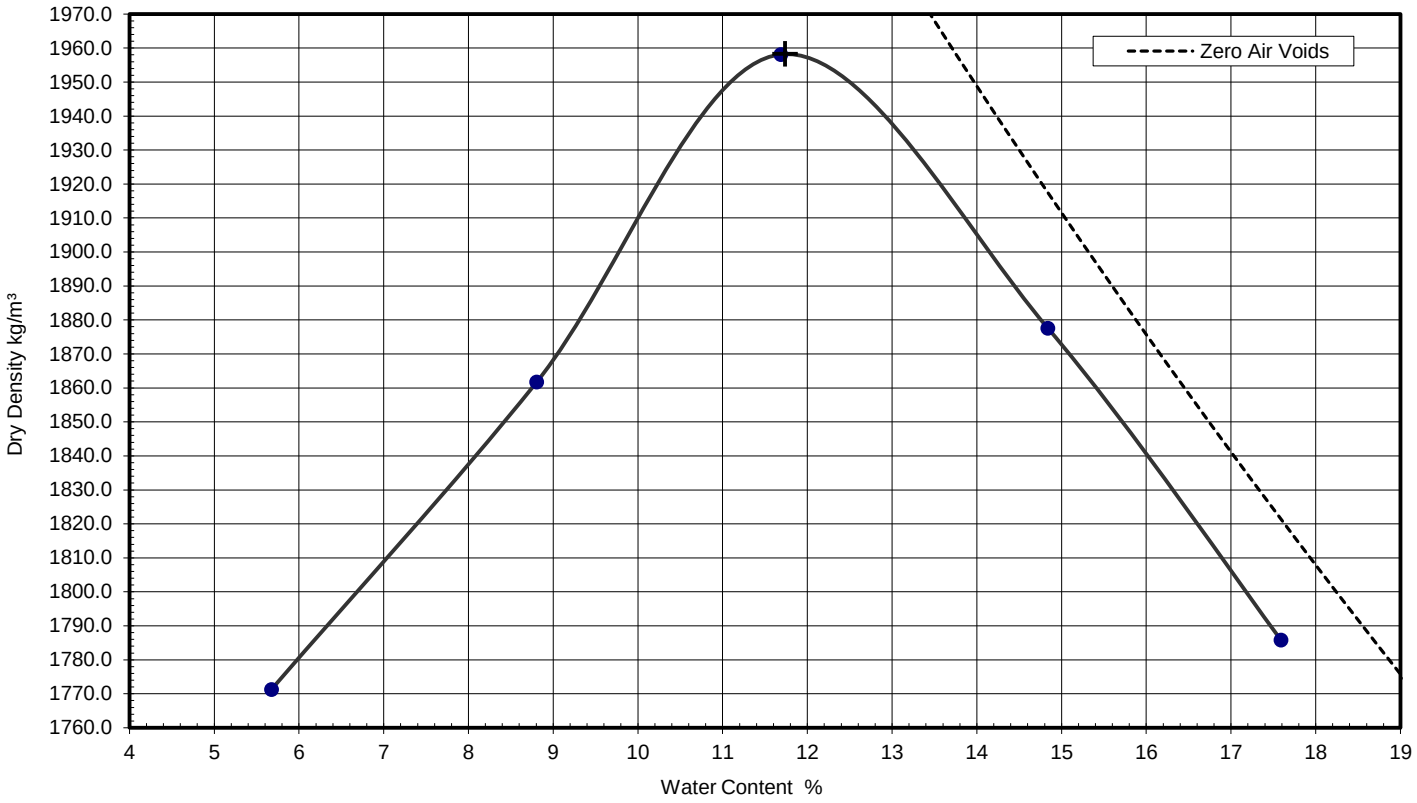
ASTM D698

Method B

Test Request #	B25-100	Project Number:	CA0051178.6278
Client:	AtkinsRéalis	Project Location:	Eeyou Istchee James Bay Region, Québec
Project Name:	Feasibility Study for Shaakichiuwaanaan Mining Project	Sample Location:	1900-10 Hindenburg
Source:		Sample No.:	MC001 + MC002
		Type:	GS
		Depth (m):	-

Specimen Reference:	NA	Specimen Depth:	NA (m)	Date of Test:	12 May 2025
		Sampled By:	Client	Date Sampled:	April 2025

Specimen Description: NA



Preparation	ASTM dry preparation method	
As Received Water Content	Not Determined	
Specific Gravity - D854 water pyc	2.68	(Measured)
Test Method Used	ASTM D698, method B	
Type of Rammer	Manual	
% retained on 19 mm sieve	0	%
9.5 mm sieve	1	%
4.75 mm sieve	42.5	%

Standard Maximum Dry Density	**1,958 kg/m³**
Standard Optimum Water Content	**11.7 %**

Notes:

Disclaimer:

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Tested by: JPandez **Date:** 12 May 2025

Checked by: JPandez **Date:** 13 May 2025 **Reviewed by:** SJohn **Date:** 14 May 2025

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WSP Canada Inc. - Burnaby Laboratory
Unit 300 - 3811 North Fraser Way
Burnaby, B.C. Canada V5J 5J2

Consolidated Undrained Triaxial Compression Test for Soils

Reference: ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100

Test	CIU-1	CIU-2	CIU-3	CIU-4	
Sample	100 kPa	600 kPa	1200 kPa	2400 kPa	
Initial Dimensions					
H_o (cm)	14.89	14.52	14.98	15.03	
D_o (cm)	7.18	7.18	7.09	7.12	
Gs (measured)	2.68	2.68	2.68	2.68	
w (%)	6.6	5.8	6.0	6.9	
$\gamma_{o\ dry}$ (kN/m^3)	17.42	18.05	17.80	17.60	
Sat. (%)	35	34	34	37	
e_o	0.51	0.46	0.48	0.49	
B_{Value}	1.00	1.00	0.96	0.96	
Consolidation Results					
σ_{CELL} (kPa)	779	1304	1542	2813	
OCR	n/a	n/a	n/a	n/a	
$\sigma_{3c'}$ (kPa)	90	606	1188	2389	
ΔV_c (cc)	-9.7	-43.9	-29.8	-63.8	
t_{50} (min)	N/A	N/A	N/A	N/A	
After Consolidation Dimensions					
H_c (cm)	14.81	14.37	14.79	14.62	
D_c (cm)	7.10	7.03	6.90	6.72	
A_c (cm^2)	39.63	38.78	37.43	35.43	
V_c (cm^3)	587.0	557.1	553.6	518.1	
$\gamma_{c\ dry}$ (kN/m^3)	17.89	19.02	19.03	20.33	
e_c	0.47	0.38	0.38	0.29	
w (%)	17.5	14.3	14.2	10.9	
Sat (%)	100	100	100	100	
Failure At Maximum Deviator Stress σ_1'-σ_3' :					
σ_1'-σ_3' (kPa) :	726	1611	2254	4178	
ε_f (%)	14.99	14.46	13.33	15.03	
u (kPa)	-83	199	569	1279	
σ_3' (kPa)	173	408	620	1110	
σ_1' (kPa)	899	2019	2874	5288	

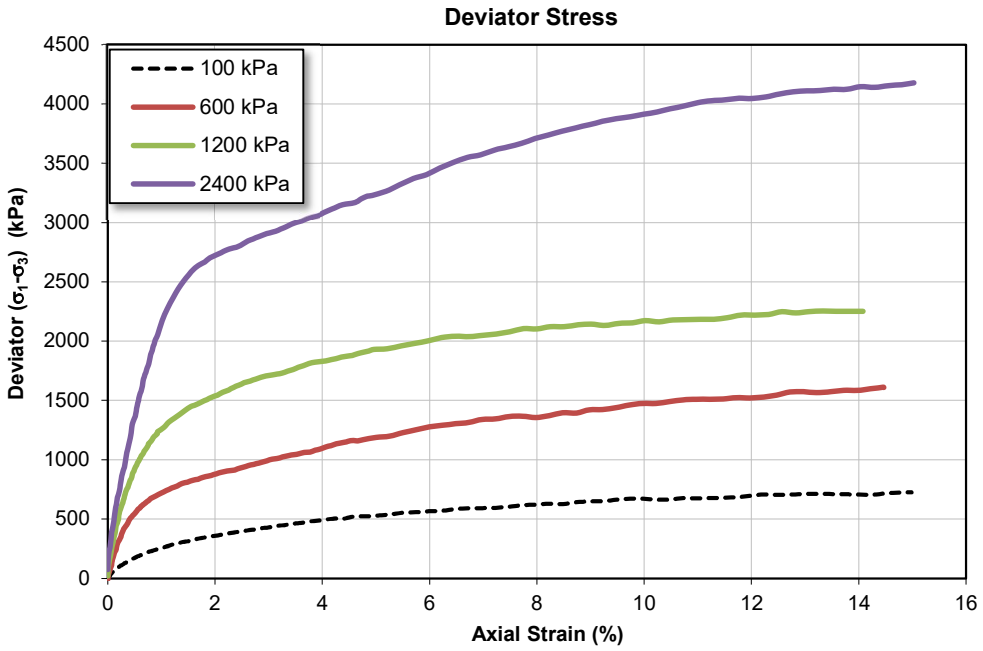
T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

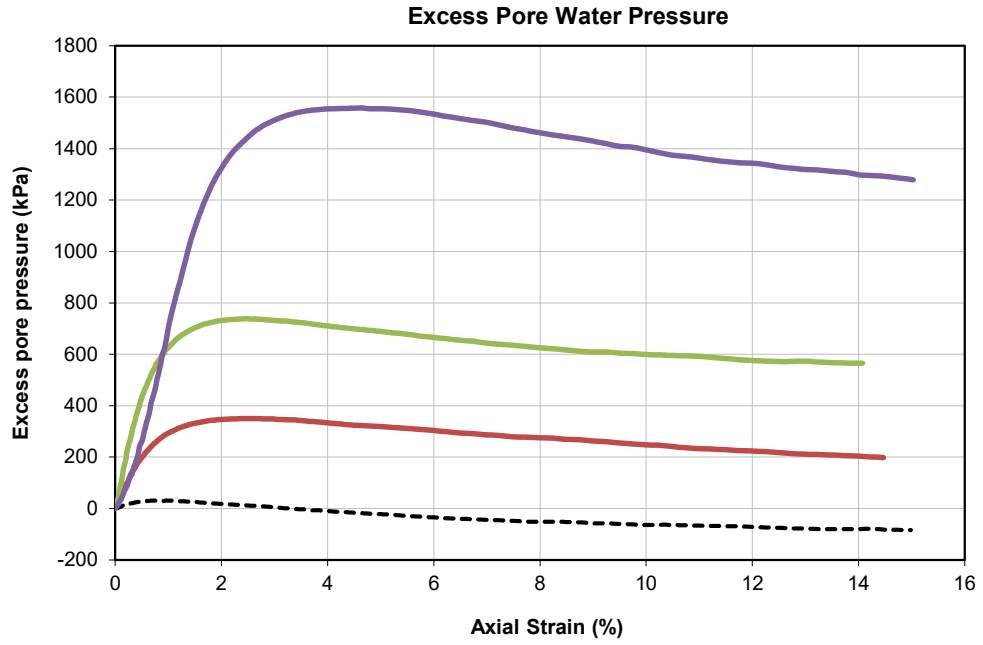
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Burnaby, B.C. Canada V5J 5J2

Consolidated Undrained Triaxial Compression Test for Soils

Reference: ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100





T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

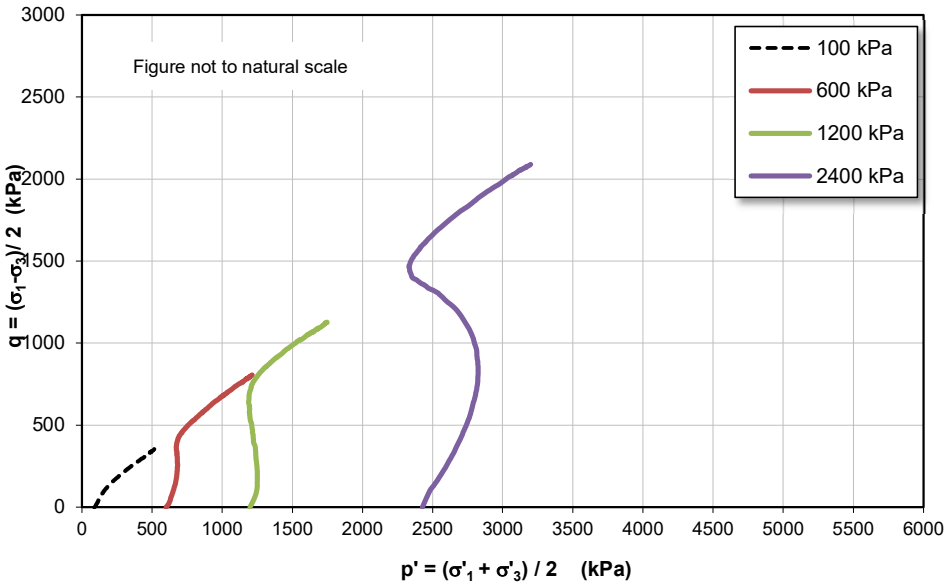
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Consolidated Undrained Triaxial Compression Test for Soils

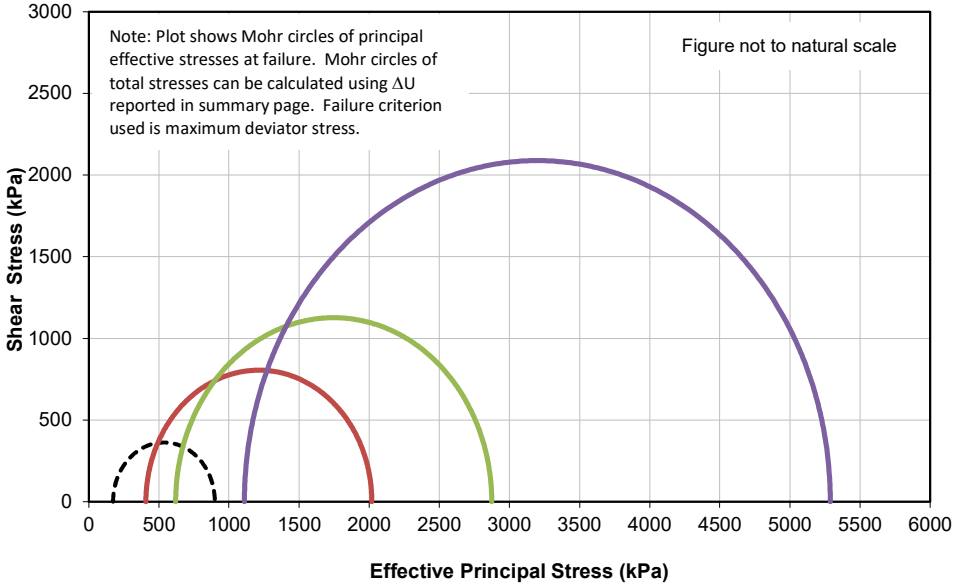
Reference
ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100

Stress Paths



Mohr Circles Deviator Stress



T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc. - Burnaby Laboratory
Unit 300 - 3811 North Fraser Way
Burnaby, B.C. Canada V5J 5J2

Consolidated Undrained Triaxial Compression Test for Soils

Reference: ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100

Type :	Reconstituted	**Soil Classification:**	N/A
Saturation Method:	Back Pressure Saturation	**Material Type:**	Tailings
Visual Description:	SAND and GRAVEL, grey, no cohesion.		
Other Remarks:	Compacted to 95% of Standard Proctor Density at Optimum Water Content		

Sample Data

	Before Consolidation	After Consolidation
Height (cm):	14.89	14.81
Diameter (cm):	7.18	7.10
Area (cm^2):	40.50	39.63
Volume (cm^3):	603	587
γ_{dry} (kN/m^3):	17.42	17.89
γ_{sat} (kN/m^3):	18.57	21.03
Water content, w (%):	6.6	17.5
Saturation (%):	35	100
Void ratio, e:	0.51	0.47
Gs (measured):	2.68	2.68

Consolidation Results

$\sigma'_{eff} = \sigma_{cell} - \sigma_{pwp}$ (kPa):	90
σ_{pwp} (kPa):	689
B value:	1.00
Volume Change (cc):	-9.7
t_{50} (min):	N/A

Strength Results

$\sigma_1' - \sigma_3'_{MAX}$:	726
Strain, ε_f:	14.99
u (kPa):	-83
σ_1' (kPa):	899
σ_3' (kPa):	173

Equipment

Machine:	Truepath Load Frame - Stn.4
Chamber:	KW
Load Cell:	281451
Axial DCDT:	LP-174
Cell Pressure:	PS3-650
Back Pressure:	PS-3278
Pore Pressure:	PS3-190
Feed Rate (%/hr):	2.00

PHOTO AT END OF TEST



T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc. - Burnaby Laboratory
Unit 300 - 3811 North Fraser Way
Burnaby, B.C. Canada V5J 5J2

Consolidated Undrained Triaxial Compression Test for Soils

Reference: ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100

Type :	Reconstituted	**Soil Classification:**	N/A
Saturation Method:	Back Pressure Saturation	**Material Type:**	Tailings
Visual Description:	SAND and GRAVEL, grey, no cohesion.		
Other Remarks:	Compacted to 95% of Standard Proctor Density at Optimum Water Content		

Sample Data

	Before Consolidation	After Consolidation
Height (cm):	14.52	14.37
Diameter (cm):	7.18	7.03
Area (cm^2):	40.44	38.78
Volume (cm^3):	587	557
γ_{dry} (kN/m^3):	18.05	19.02
γ_{sat} (kN/m^3):	19.10	21.73
Water content, w (%):	5.8	14.3
Saturation (%):	34	100
Void ratio, e:	0.46	0.38
Gs (measured):	2.68	2.68

Consolidation Results

$\sigma'_{eff} = \sigma_{cell} - \sigma_{pwp}$ (kPa):	606
σ_{pwp} (kPa):	698
B value:	1.00
Volume Change (cc):	-43.9
t_{50} (min):	N/A

Strength Results

$\sigma_1' - \sigma_3'_{MAX}$:	1611
Strain, ε_f:	14.46
u (kPa):	199
σ_1' (kPa):	2019
σ_3' (kPa):	408

Equipment

Machine:	Truepath Load Frame - Stn.1
Chamber:	KW
Load Cell:	118534
Axial DCDT:	LP-1215
Cell Pressure:	PS3-265
Back Pressure:	PS3-264
Pore Pressure:	PS3-134
Feed Rate (%/hr):	2.00

PHOTO AT END OF TEST



T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc. - Burnaby Laboratory
Unit 300 - 3811 North Fraser Way
Burnaby, B.C. Canada V5J 5J2

Consolidated Undrained Triaxial Compression Test for Soils

Reference: ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100

Type :	Reconstituted	**Soil Classification:**	N/A
Saturation Method:	Back Pressure Saturation	**Material Type:**	Tailings
Visual Description:	SAND and GRAVEL, grey, no cohesion.		
Other Remarks:	Compacted to 95% of Standard Proctor Density at Optimum Water Content		

Sample Data

	Before Consolidation	After Consolidation
Height (cm):	14.98	14.79
Diameter (cm):	7.09	6.90
Area (cm^2):	39.50	37.43
Volume (cm^3):	592	554
γ_{dry} (kN/m^3):	17.80	19.03
γ_{sat} (kN/m^3):	18.87	21.74
Water content, w (%):	6.0	14.2
Saturation (%):	34	100
Void ratio, e:	0.48	0.38
Gs (measured):	2.68	2.68

Consolidation Results

$\sigma'_{eff} = \sigma_{cell} - \sigma_{pwp}$ (kPa):	1188
σ_{pwp} (kPa):	353
B value:	0.96
Volume Change (cc):	-29.8
t_{50} (min):	N/A

Strength Results

$\sigma_1' - \sigma_3'_{MAX}$:	2254
Strain, ε_f:	13.33
u (kPa):	569
σ_1' (kPa):	2874
σ_3' (kPa):	620

Equipment

Machine:	Truepath Load Frame - Stn.7
Chamber:	KW
Load Cell:	118536
Axial DCDT:	LP-267
Cell Pressure:	PS-5125
Back Pressure:	PS5-137
Pore Pressure:	PS3-190
Feed Rate (%/hr):	2.00

PHOTO AT END OF TEST



T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc. - Burnaby Laboratory
Unit 300 - 3811 North Fraser Way
Burnaby, B.C. Canada V5J 5J2

Consolidated Undrained Triaxial Compression Test for Soils

Reference: ASTM D4767

Client:	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A
Project No.:	CA0051178.6278	**Lab ID No:**	B25-100

Type :	Reconstituted	**Soil Classification:**	N/A
Saturation Method:	Back Pressure Saturation	**Material Type:**	Tailings
Visual Description:	SAND and GRAVEL, grey, no cohesion.		
Other Remarks:	Compacted to 95% of Standard Proctor Density at Optimum Water Content		

Sample Data

	Before Consolidation	After Consolidation
Height (cm):	15.03	14.62
Diameter (cm):	7.12	6.72
Area (cm^2):	39.84	35.43
Volume (cm^3):	599	518
γ_{dry} (kN/m^3):	17.60	20.33
γ_{sat} (kN/m^3):	18.81	22.56
Water content, w (%):	6.9	10.9
Saturation (%):	37	100
Void ratio, e:	0.49	0.29
Gs (measured):	2.68	2.68

Consolidation Results

$\sigma'_{eff} = \sigma_{cell} - \sigma_{pwp}$ (kPa):	2389
σ_{pwp} (kPa):	423
B value:	0.96
Volume Change (cc):	-63.8
t_{50} (min):	N/A

Strength Results

$\sigma_1' - \sigma_3'_{MAX}$:	4178
Strain, ε_f:	15.03
u (kPa):	1279
σ_1' (kPa):	5288
σ_3' (kPa):	1110

Equipment

Machine:	Truepath Load Frame - Stn.7
Chamber:	KW
Load Cell:	118536
Axial DCDT:	LP-267
Cell Pressure:	PS-5125
Back Pressure:	PS5-137
Pore Pressure:	PS3-190
Feed Rate (%/hr):	2.00

PHOTO AT END OF TEST



T. Madera	May 23, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

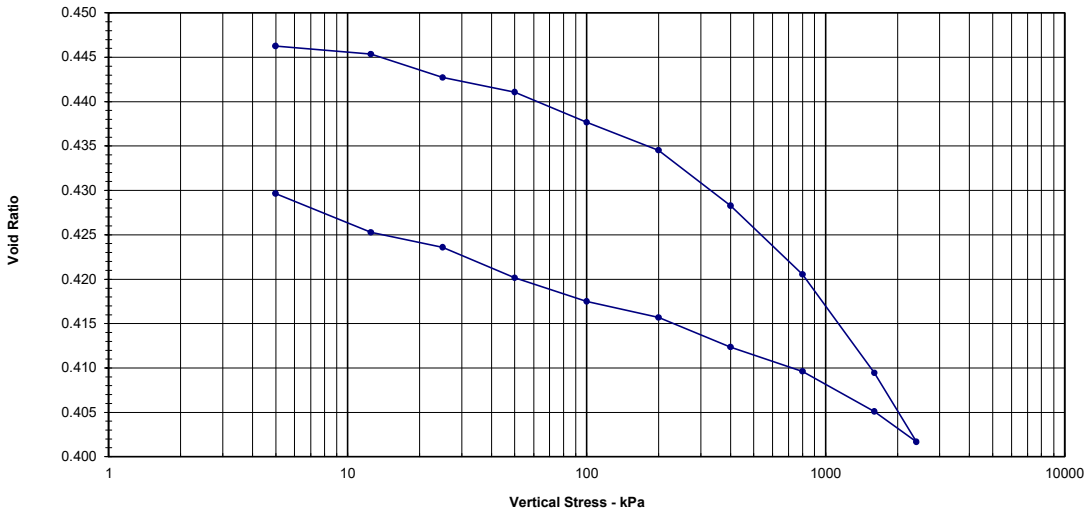
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One-Dimensional Consolidation Properties of Soils

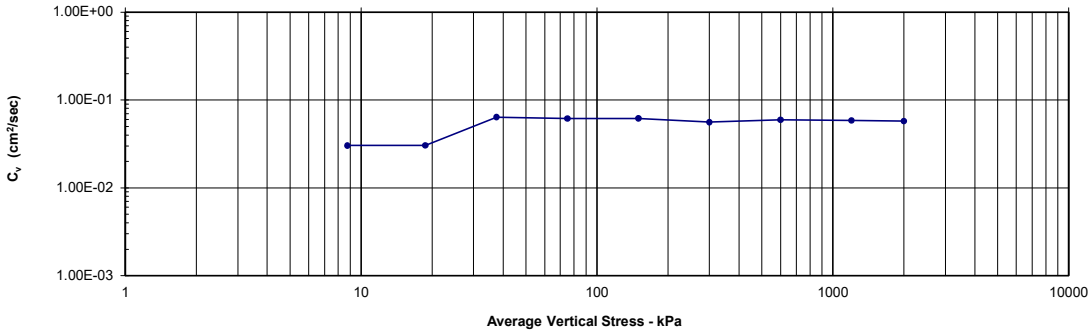
Reference(s)
ASTM D 2435/D 2435M

Project No.:	CA0051178.6278	**Client:**	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Sch No.:	B25-100	**Project:**	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Lab Work:	DC	**Location:**	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A

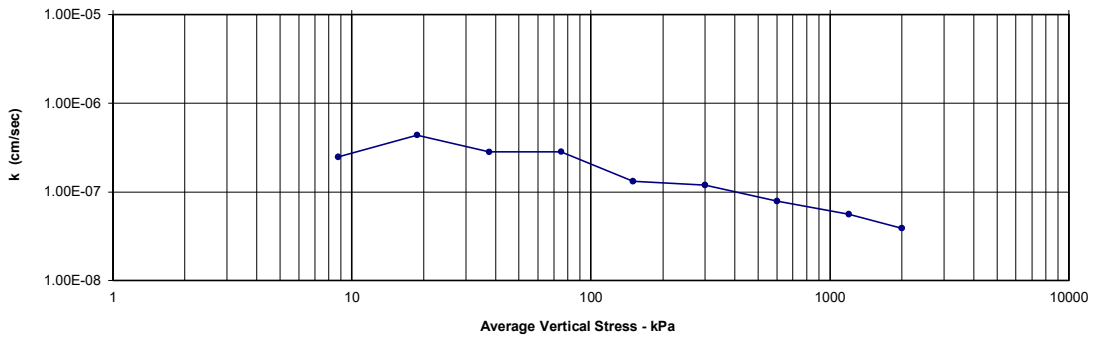
Void Ratio vs Stress



Coefficient of Consolidation vs Stress



Coefficient of Permeability vs Stress



D. Clemente	May 26, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc.. - Burnaby Laboratory
Unit 300 - 3811 North Fraser Way
Burnaby, B.C. Canada V5J 5J2

One-Dimensional Consolidation Properties of Soils

Reference(s): ASTM D 2435/D 2435M

Project No.:	CA0051178.6278	**Client:**	AtkinsRéalis	**Borehole:**	1900-10 Hindenburg
Sch No.:	B25-100	**Project:**	Feasibility Study for Shaakichiuwaanaan Mining Project	**Sample:**	MC001 + MC002
Lab Work:	DC	**Location:**	Eeyou Istchee James Bay region, Québec	**Depth (m):**	N/A

Equipment

Machine:	Sigma-1
Mach No.	5
Ring No.	x
Drainage:	Double-sided

Specimen Geometry

	Initial	Final
Height (mm) =	21.74	21.08
Diameter (mm) =	63.42	63.42
Area (cm^2) =	31.59	31.59
Volume (cm^3) =	68.65	66.58

Phase Relationships

	Initial	Final
Wet Wt (g) =	136.36	141.48
Dry Wt (g) =	127.17	127.17
w (%) =	7.23	11.25
e =	0.447	0.403
ρ_{wet} (kg/m^3) =	1986	2125
ρ_{drv} (kg/m^3) =	1852	1910
S (%) =	43	75

Remarks

ASTM Method:	B - Constant Time Increment @ EOP
Method for Cv :	Taylor
H_{avg} **:**	Half the specimen height
Time Increment:	400 min

Sample Properties

G_s =	2.68	Calculated
H_s (mm) =	15.02	

Atterberg Limits

Liquid Limit:	N/A
Plastic Limit:	N/A
Plasticity Index:	N/A
Soil Classification:	N/A

Estimated Preconsolidation Stress: N/A

Load #	Stress (kPa)	ΔH (mm)	Corrected d_f (mm)	ε $\Sigma \Delta H / Ho$ (%)	H-H_s (mm)	e $(H-H_s)/H_s$	Stress $_{avg}$ (kPa)	e_{avg}	H_{avg} (mm)	t 90 (min)	Cv (cm^2/sec)	k (cm/sec)
1	5	0.02	21.73	0.07	6.70	0.446						
2	13	0.04	21.71	0.14	6.69	0.445	9	0.45	10.86	0.55	3.0E-02	2.5E-07
3	25	0.06	21.67	0.32	6.65	0.443	19	0.44	10.85	0.55	3.1E-02	4.4E-07
4	50	0.07	21.65	0.43	6.63	0.441	37	0.44	10.83	0.26	6.4E-02	2.8E-07
5	100	0.09	21.60	0.67	6.57	0.438	75	0.44	10.81	0.27	6.1E-02	2.8E-07
6	200	0.12	21.55	0.88	6.53	0.435	150	0.44	10.79	0.27	6.2E-02	1.3E-07
7	400	0.17	21.46	1.32	6.43	0.428	300	0.43	10.75	0.29	5.6E-02	1.2E-07
8	800	0.23	21.34	1.85	6.32	0.421	600	0.42	10.70	0.27	5.9E-02	7.9E-08
9	1600	0.36	21.17	2.62	6.15	0.409	1200	0.41	10.63	0.27	5.8E-02	5.6E-08
10	2400	0.28	21.06	3.15	6.03	0.402	2000	0.41	10.56	0.27	5.8E-02	3.9E-08
11	1600	-0.19	21.11	2.92	6.09	0.405						
12	800	-0.22	21.18	2.60	6.15	0.410						
13	400	-0.15	21.22	2.42	6.19	0.412						
14	200	-0.11	21.27	2.19	6.24	0.416						
15	100	-0.08	21.29	2.06	6.27	0.417						
16	50	-0.06	21.33	1.88	6.31	0.420						
17	25	-0.07	21.39	1.64	6.36	0.424						
18	13	-0.07	21.41	1.52	6.39	0.425						
19	5	-0.08	21.48	1.22	6.45	0.430						

Comments: Void Ratio Vs. Stress computed for end of primary consolidation. Final height taken from the final LVDT reading.
Compacted to 95% of Standard Proctor Density at Optimum Water Content

Description: SAND and GRAVEL, grey, no cohesion.

D. Clemente	May 26, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

Measurements of Hydraulic Conductivity Using a Flexible Wall Permeameter

ASTM D5084 Method C

Project No.:	CA0051178.6278	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Tailings, Wasterock and Water Management	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec, Canada	**Depth (m):**	N/A
Client:	AtkinsRéalis	**Lab ID No:**	B25-100

Sample Geometry

	Initial	*After Ctest*
Diameter (cm)	7.09	6.90
Length (cm)	14.98	14.79
Area (cm^2)	39.50	37.43
Volume (cm^3)	591.87	553.52
Sample Type	Reconstituted	
Permeant Liquid	Tap water	

Test Parameters

Cell Pressure (kPa)	344.7
Back Pressure (kPa)	275.8
σ'_{3c} (kPa)	68.9
δV_c (cc)	2.00
B_{value}	0.95
Headwater/Tailwater Tubes	
a_{in} cm^2	1.00
a_{out} cm^2	1.00

Phase Relationships

	Initial	*After Ctest*
Wet Weight (g)	1138.34	1226.86
Dry Weight (g)	1074.02	1074.02
w (%)	6.0	14.2
ρ_{dry} (kg/m^3)	1815	1940
S (%)	33.6	100.0
e	0.48	0.38
Gs (measured)	2.68	2.68

Date	Time	Elapsed Time	Head Loss			Flow Volume		Temp	Hydraulic Gradient	Hydraulic Conductivity k_{20}
mm/dd/yy	hh:mm	(min)	h (cm)	h_1 (cm)	h_2 (cm)	V_{in} (cc)	V_{out} (cc)	(°C)		(cm/s)
5-28-25	07:00	0	23.3	--	--	0.0	0.0	22	-	--
		0.25	21.5	23.3	21.5	1.1	0.7	22	1.45	1.01E-03
		0.5	19.8	23.3	19.8	1.9	1.6	22	1.34	1.02E-03
		0.75	18.4	23.3	18.4	2.5	2.4	22	1.24	9.88E-04
		1	17.1	23.3	17.1	3.2	3.0	22	1.16	9.71E-04
		1.5	14.9	23.3	14.9	4.3	4.1	22	1.01	9.36E-04
		2	12.9	23.3	12.9	5.3	5.1	22	0.87	9.28E-04
		2.5	10.9	23.3	10.9	6.3	6.1	22	0.74	9.54E-04
		3	9.4	23.3	9.4	7.0	6.9	22	0.64	9.50E-04
		4	6.9	23.3	6.9	8.2	8.2	22	0.47	9.55E-04
		5	5.2	23.3	5.2	9.1	9.0	22	0.35	9.42E-04
		6	3.9	23.3	3.9	9.8	9.6	22	0.26	9.35E-04
		7	2.8	23.3	2.8	10.3	10.2	22	0.19	9.50E-04
						Trial 1 - Average k_{20} (cm/s)				**9.46E-04**

Remarks

SAND and GRAVEL, grey, no cohesion.

Compacted to 95% of Standard Proctor Density at Optimum Water Content

The test data given herein pertain to the sample provided only. This report constitutes a testing service only.

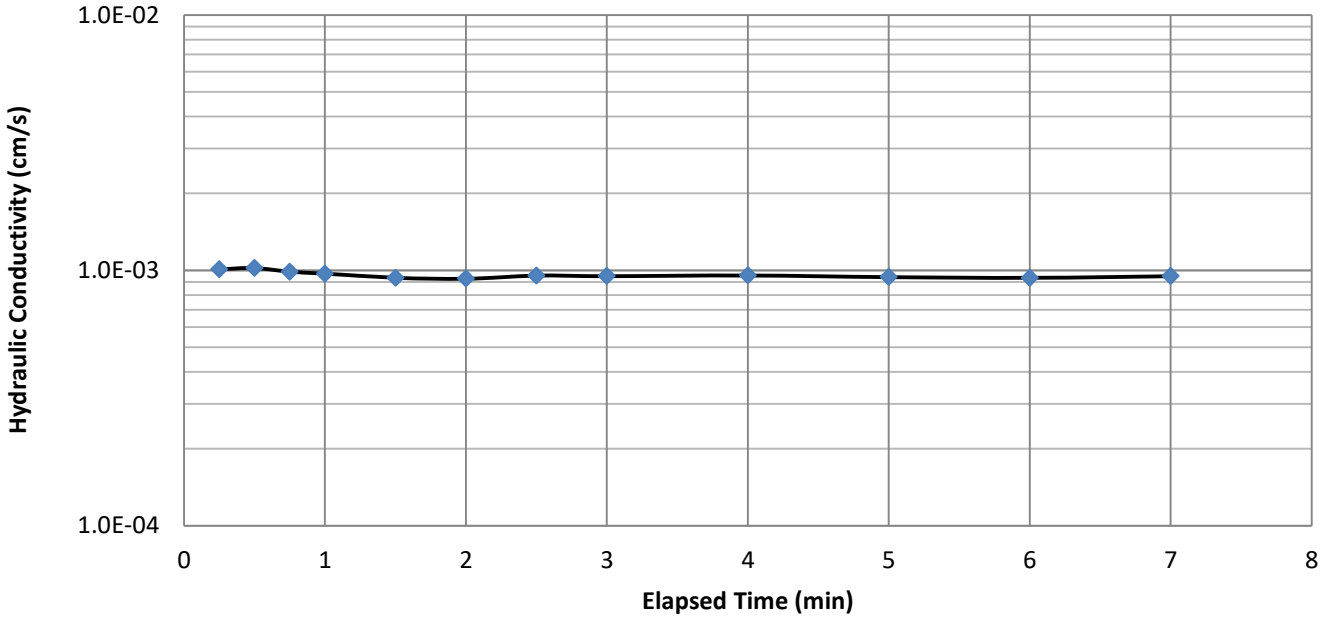
T. Madera	May 28, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

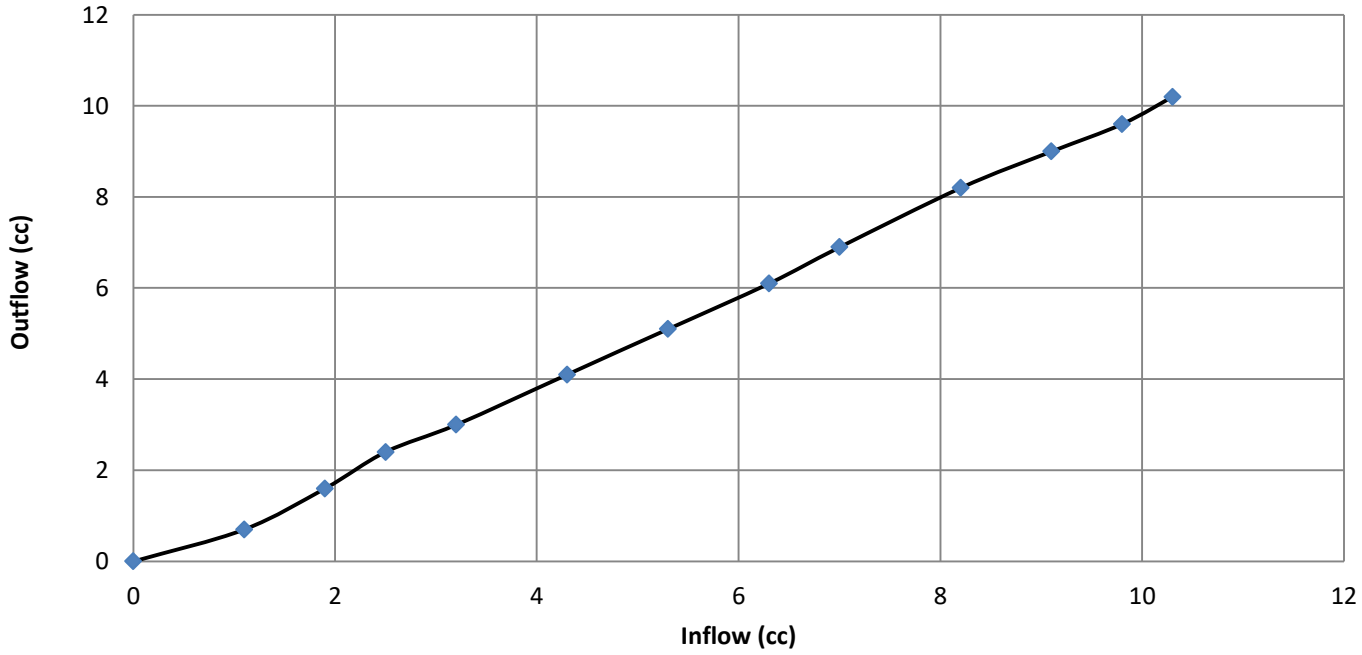
WSP Canada Inc.
300, 3811 North Fraser Way, Burnaby, British Columbia, Canada V5J 5J2
Tel: 604-412-6899 Fax: 604-412-6816 www.golder.com

Measurements of Hydraulic Conductivity Using a Flexible Wall Permeameter

ASTM D5084 Method C

Project No.:	CA0051178.6278	**Borehole:**	1900-10 Hindenburg
Project:	Feasibility Study for Tailings, Wasterock and Water Management	**Sample:**	MC001 + MC002
Location:	Eeyou Istchee James Bay region, Québec, Canada	**Depth (m):**	N/A
Client:	AtkinsRéalis	**Lab ID No:**	B25-100





The test data given herein pertain to the sample provided only. This report constitutes a testing service only.

T. Madera	May 28, 2025	D. Lim	June 4, 2025
TESTED BY	DATE	CHECKED BY	DATE

WSP Canada Inc.
300, 3811 North Fraser Way, Burnaby, British Columbia, Canada V5J 5J2
Tel: 604-412-6899 Fax: 604-412-6816 www.golder.com

APPENDIX

5-8 STOCKPILE 001 AND 002 STABILITY ANALYSIS TECHNICAL NOTE

AtkinsRéalis	TECHNICAL NOTE Shaakichiuwaanaan Project – Waste and Water Management		
	Document No.: CASN-A-370-GT-REP-0002 702381-4000-4GER-0002	**Rev.** D	**Date:** February 12, 2026

Title of Document: **STOCKPILE 001 AND 002 STABILITY ANALYSIS TECHNICAL NOTE**

Client: **PATRIOT BATTERY METALS INC.**

Project: **SHAAKICHIUWAANAAN PROJECT – WASTE AND WATER MANAGEMENT**

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List of Revisions

#	Prep.	Rev.	App.	Date	Pages	Remarks
A	RA	PA	BM	2025-06-13	All	Issue for internal review
B	RA	PA	BM	2025-07-03	All	Issue for client's comments
C	RA	PA	BM	2025-08-29	All	Issued for feasibility study
D	RA	PA	BM	2026-02-12	Section 2.2.3	Issued with little correction for feasibility study

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Appendix A Stability Analysis Results

1 Introduction

Patriot Battery Metals Inc. (PMET) has retained AtkinsRéalis to conduct a feasibility study on waste and water management for the Shaakichiuwaanaan Project. The proposed lithium mine in the Eeyou Istchee James Bay region of northern Québec will involve open-pit and underground mining operations. The project will feature stockpiles for overburden, waste rock, tailings and organic materials, a water treatment plant, and other necessary mining infrastructure. Mining operations are anticipated to commence in 2028, with an expected mine life of 22 years.

Two sites have been identified for the disposal of tailings and waste rock, as shown in **Figure 1-1**. Stockpile 001, located northwest of the plant site, will be dedicated solely to storing waste rock due to its proximity to the open pit. In contrast, Stockpile 002, situated northeast of the plant, is intended for potentially acid-generating waste rock and tailings, with plans to store the tailings separately from the waste rock, as shown in **Figure 1-1**.

As part of the feasibility study, stability analyses have been conducted for the proposed Stockpiles 001 and 002. This technical note summarizes the findings of those stability analyses.

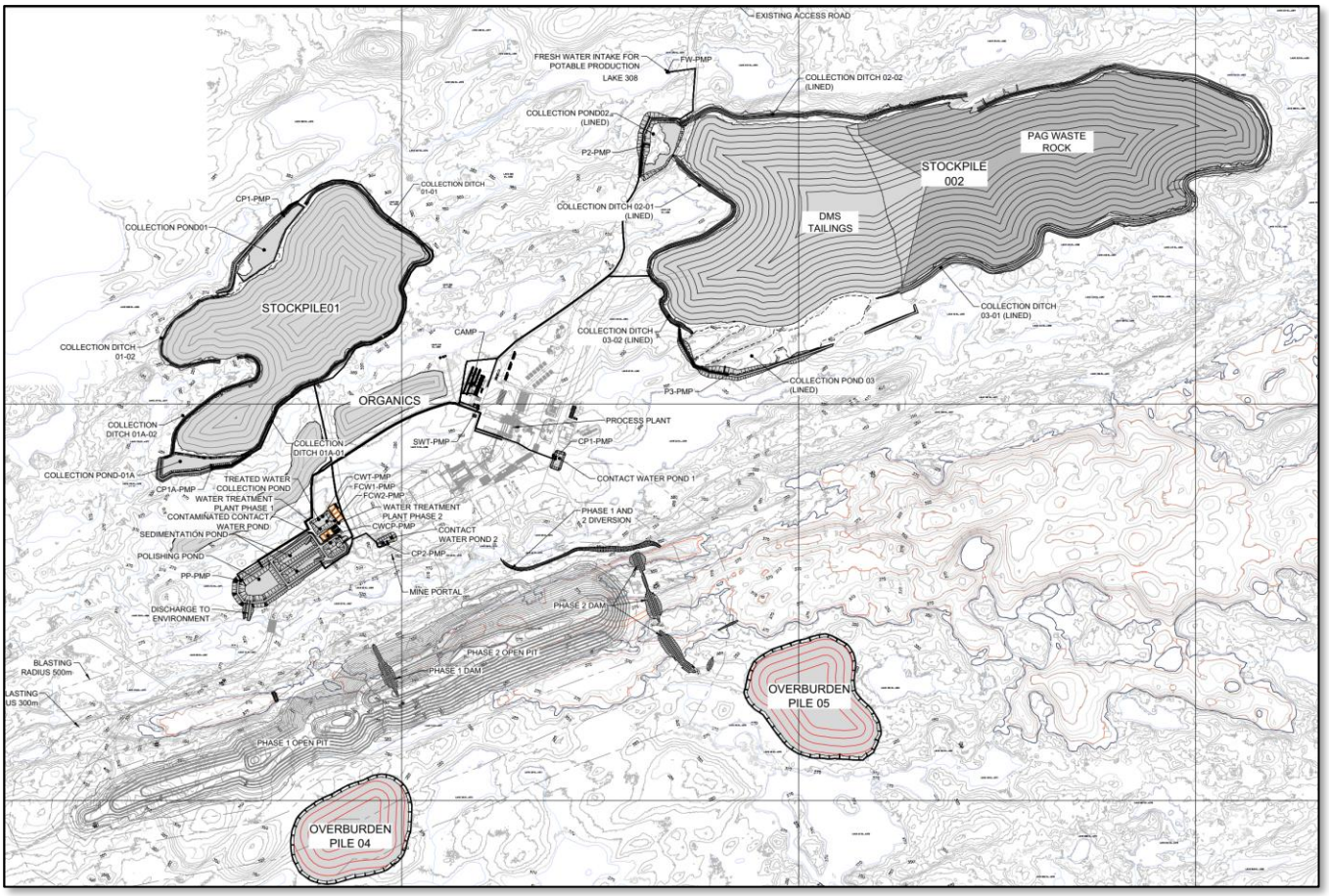


Figure 1-1 Layout of Stockpiles 001 and 002

2 Stability Analyses

Slope stability analyses were conducted on three critical sections: one for the Non-Acid Generating Stockpile (NAG) (Section A1-A1 for stockpile 001) as shown in **Figure 2-1**, one for the Acid Generating Stockpile (PAG) (Section H-H for stockpile 002) and one for the tailings stockpile (Section B1-B1 for stockpile 002) as shown in **Figure 2-2**. These sections are illustrated in **Figure 2-3** to **Figure 2-7**, where the stack reaches its maximum height and has the steepest slope.

Slope stability analyses were conducted using SLOPE/W Version 2023.1.2, a two-dimensional limit equilibrium software developed by Geo-Slope International Limited.

The Morgenstern-Price method was utilized to identify potential failure surfaces within the slopes of the stockpiles and their underlying foundations. The primary objective of these analyses was to determine the most critical failure surfaces that would produce the most conservative Factor of Safety (FoS). The FoS is the ratio of the average available shear strength (resisting force) to the average mobilized shear stress (driving force) along a specific failure surface. The following subsections provide details on the stockpile geometry, material properties, loading scenarios, and phreatic surface used in the model, along with a discussion of the stability analysis results.

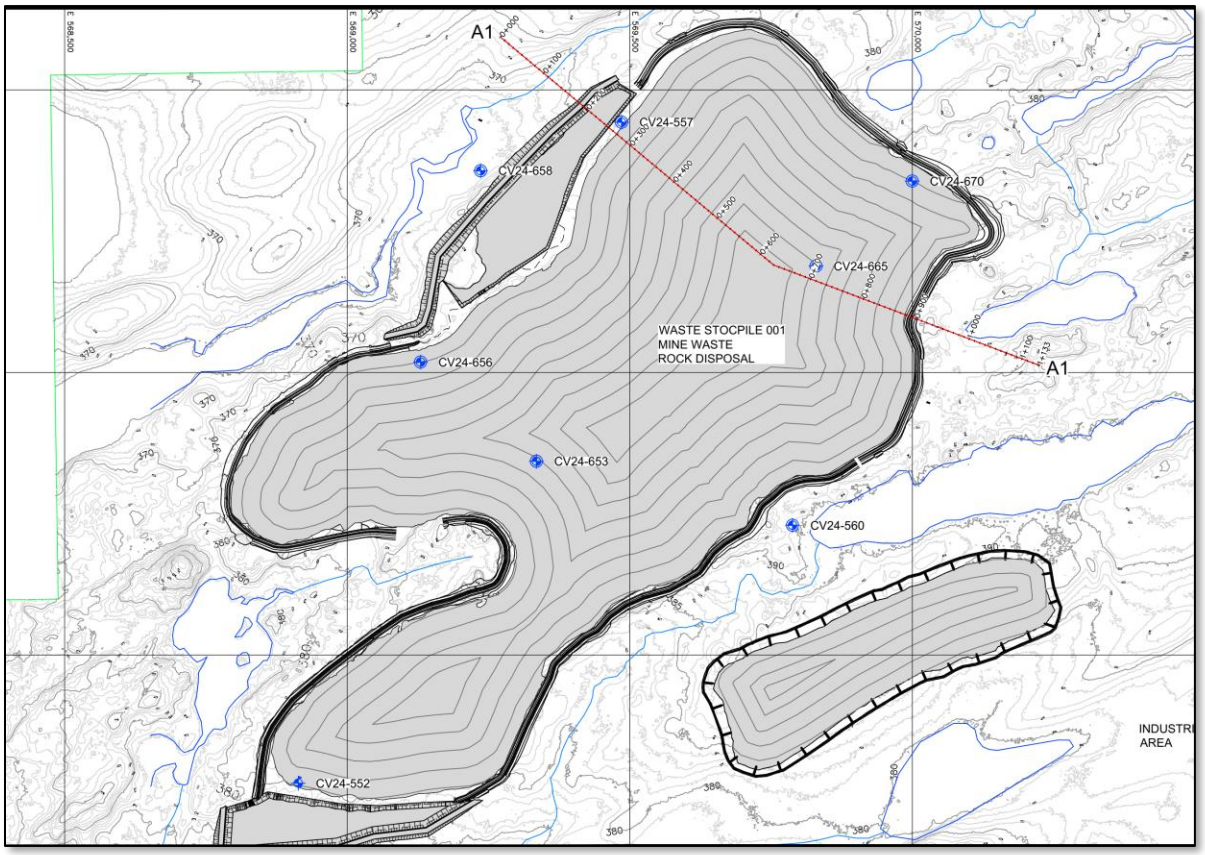


Figure 2-1 Layout of Critical Sections for Slope Stability Analysis – Waste Rock Stockpile 001 Cross-Section A1-A1

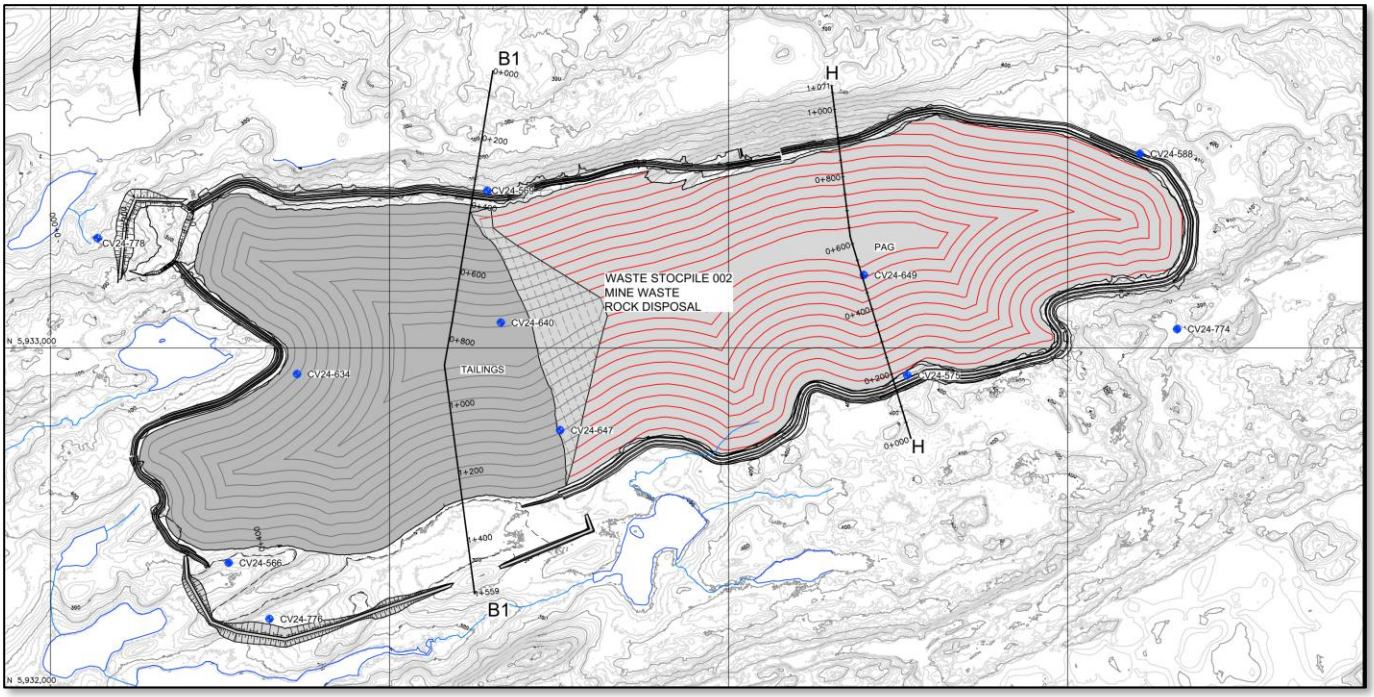


Figure 2-2 Layout of Critical Sections for Slope Stability Analysis – Waste Rock Stockpile 002 Cross-Section H-H

2.1 Model Geometry

The mine is projected to generate a total of 154.1 million tonnes (Mt) of waste rock. This amount includes 73.1 Mt of non-acid generating (NAG) waste rock and 81.0 Mt of potentially acid-generating (PAG) waste rock. Of the NAG waste rock, 29.6 Mt will be stored in the open pit, while the remaining amount will be placed in Stockpile 001, which is designed to accommodate a total of 43.5 Mt of NAG waste.

Over the 22-year lifespan of the mine, the anticipated production of tailings is estimated to be 71.1 Mt. Approximately 54.0 Mt of these tailings will be disposed of on the surface, while the remaining 17.1 Mt will be used for paste backfill. Stockpile 002 is designated for storing 54.0 Mt of tailings and 81.0 Mt of PAG waste rock.

Stockpile 001 has a footprint of 80 hectares (ha) and a maximum height of about 90 meters (m). Stockpile 002, which contains PAG rock, covers approximately 126 ha (58%), while the tailings portion covers about 91 ha (42%), with a maximum height of approximately 120 m. Two configurations have been designed for Stockpiles 001 and 002 for both operational and closure stages. The foundation profile has been incorporated into the model geometry based on the information on the available boreholes.

A detailed description of the geometric models for Stockpile 001 and Stockpile 002 is provided in the following subsections.

2.1.1 Waste Rock Stockpiles (Stockpile 001 and Stockpile 002)

2.1.1.1 Operational Phase

The typical geometry for the operational phases of Stockpiles 001 and 002 is illustrated in **Figure 2-3** and **Figure 2-4**, respectively. During the operational phase, the waste rock stockpiles are designed in 10-meter-high lifts, with local slopes of approximately 1.5 horizontal (H) to 1 vertical (V). Each bench is 15 meters wide, and every third bench is 22.5 meters wide. This design achieves an overall external slope of 3.25 horizontal (H) to 1 vertical (V).

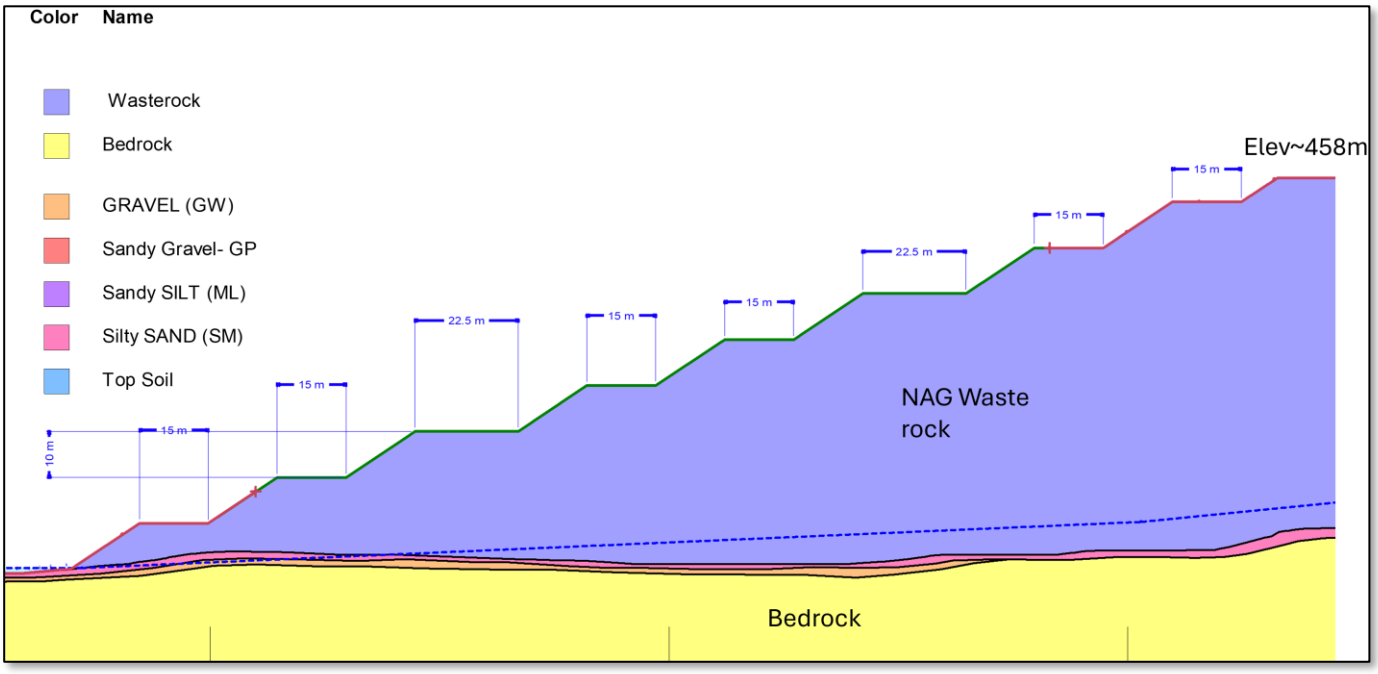


Figure 2-3 A1-A1 Section of Waste Rock Stockpile (NAG) (Stockpile 001) for the operational phase

Stockpile 002's basin is lined with a 1.5 mm double-textured LLDPE geomembrane. A cushion geotextile is placed on top of this geomembrane, followed by a protective cushion layer that is 1 meter thick. In contrast, Stockpile 001 has no liner integrated into its geometry.

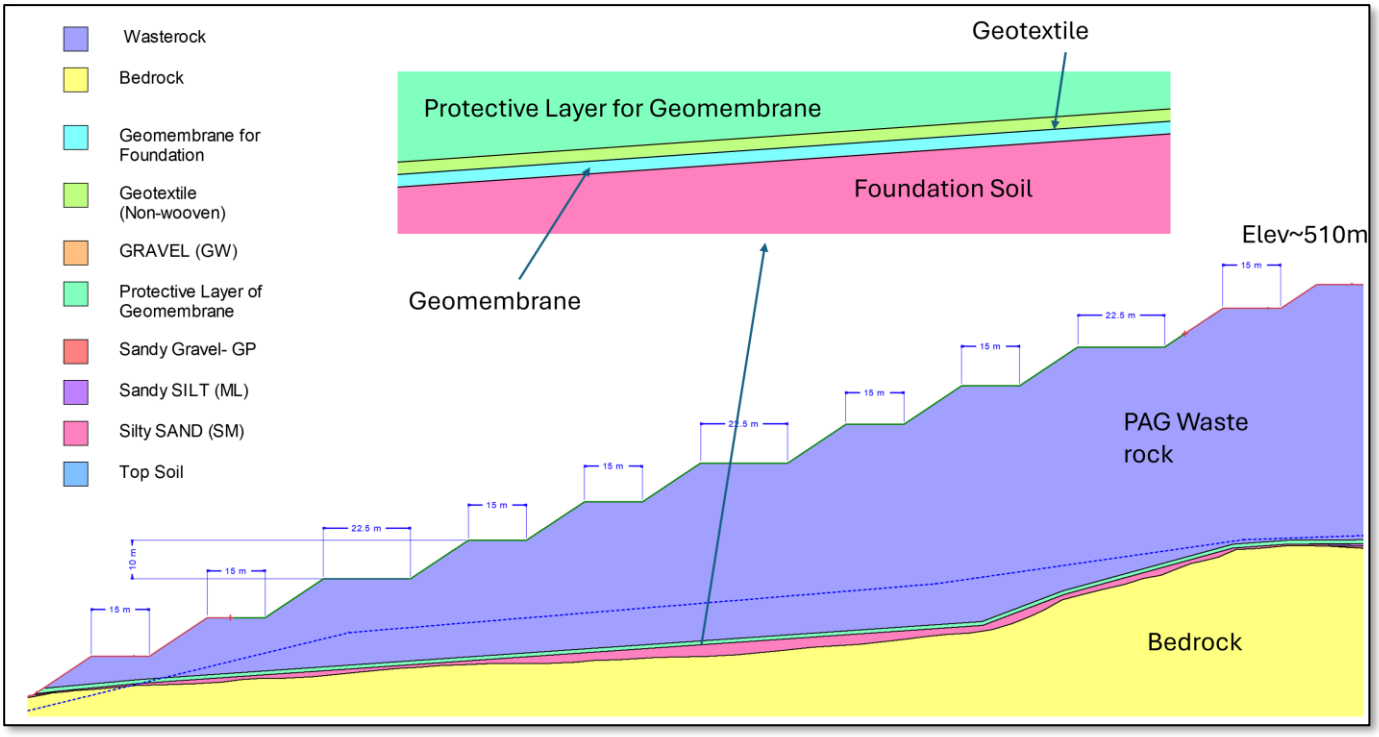


Figure 2-4 H-H Section of Waste Rock Stockpile (PAG) (Stockpile 002) for the operational phase

2.1.1.2 Closure

The typical geometry for the closure phases of Stockpiles 001 and 002 is illustrated in **Figure 2-5** and **Figure 2-6**. During the closure Phase, the benches are designed with a local slope of 3:1 (horizontal to vertical) to promote effective water management. Each bench is 7.5 meters wide.

For Stockpile 001, the closure design consists of a 30 cm-thick layer of crushed stone, topped with a 20 cm layer of topsoil to support hydroseeding (**Figure 2-5**).

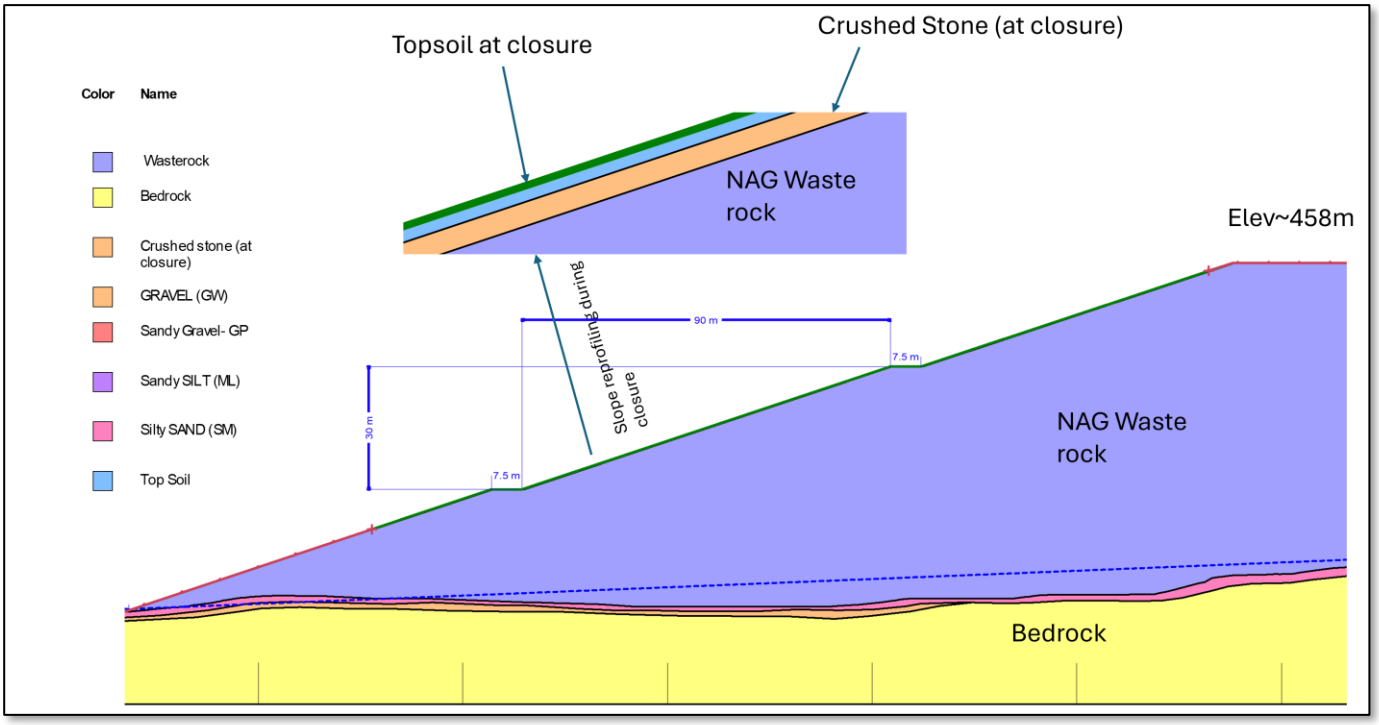


Figure 2-5 A1-A1 Section of Waste Rock Stockpile (NAG) (Stockpile 001) for the Closure

In contrast, the closure model for Stockpile 002 consists of a 30 cm thick layer of crushed stone on the slope, followed by a 15 cm thick sand liner (will be borrowed from overburden) to support the geomembrane. On top of this liner, a 1.5 mm double-textured HDPE geomembrane is incorporated. A geonet is then placed on top of the geomembrane, serving as a drainage layer. Additionally, another 20 cm thick layer of sand borrowed from overburden is applied over the geonet, which is capped with a 20 cm layer of topsoil to facilitate hydroseeding (see **Figure 2-6**). This design ensures accurate replication of the intended closure structure.

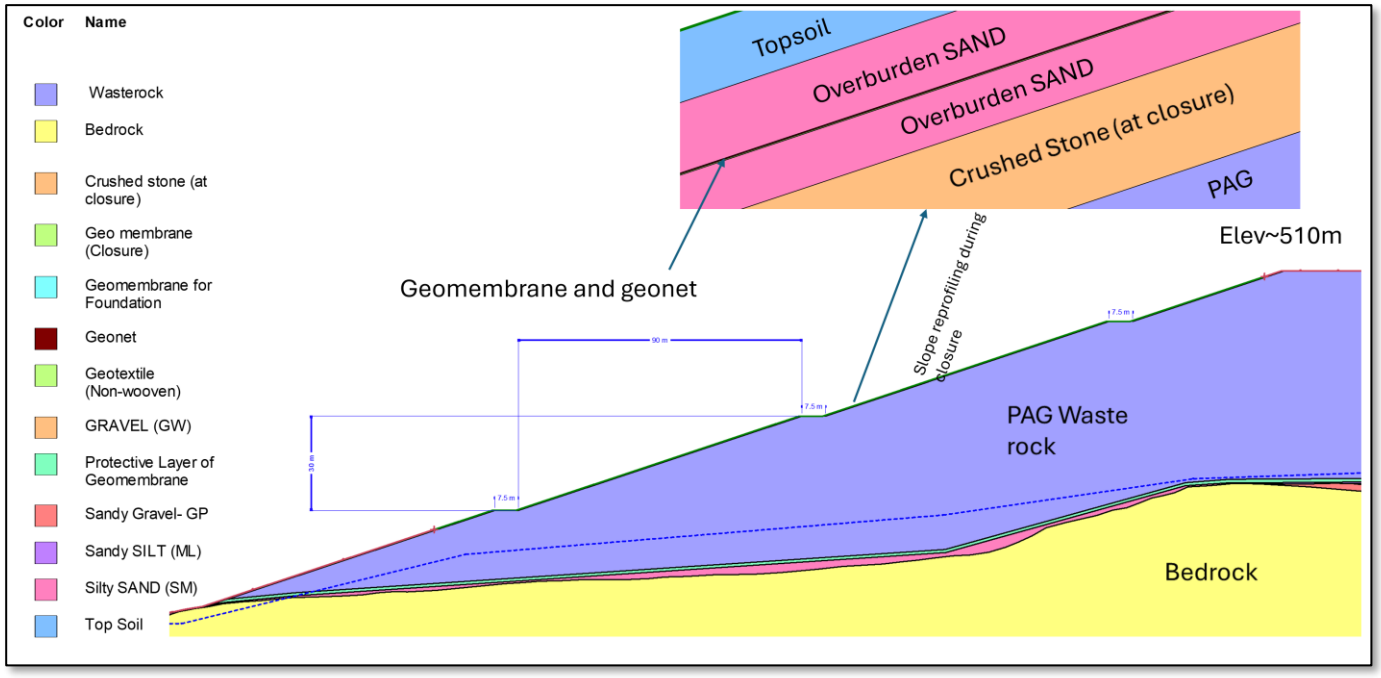


Figure 2-6 H-H Section of Waste Rock Stockpile (PAG) (Stockpile 002) for Closure

2.1.2 Tailings Stockpile (Stockpile 002)

2.1.2.1 Operation

The typical geometry of the tailings portion of stockpile 002 is illustrated in **Figure 2-7**. The tailings stack features a global external slope of 3.25 horizontal to 1 vertical (3.25 H:1 V) and includes intermediate benches that are 7.5 meters wide, spaced every 30 meters of elevation (refer to **Figure 2-7**). The basin is lined with a 1.5 mm double-textured linear low-density polyethylene (LLDPE) geomembrane. A cushion geotextile is placed on top of the geomembrane, and the tailings are modelled directly above this layer.

Additionally, the starter embankment has been incorporated into the model to allow vehicular access to the toe of the tailings facility for inspection purposes. This starter embankment will be constructed using low-risk waste rock. It will be 3 meters high and will have a crest width of 5 meters, as shown in **Figure 2-7**.

2.1.2.2 Closure

Compared to the waste rock at Stockpile 002, the closure model for the tailings does not require a 30 cm thick layer of crushed stone on the slope. A 1.5 mm double-textured HDPE geomembrane is incorporated into the model directly above the tailings (see **Figure 2-7**). A geonet is then placed on top of the geomembrane, acting as a drainage layer. Additionally, a 20 cm thick layer of granular materials is placed over the geomembrane, capped with another 20 cm layer of topsoil to facilitate hydroseeding. This configuration in the model accurately reflects the intended structure of the closure.

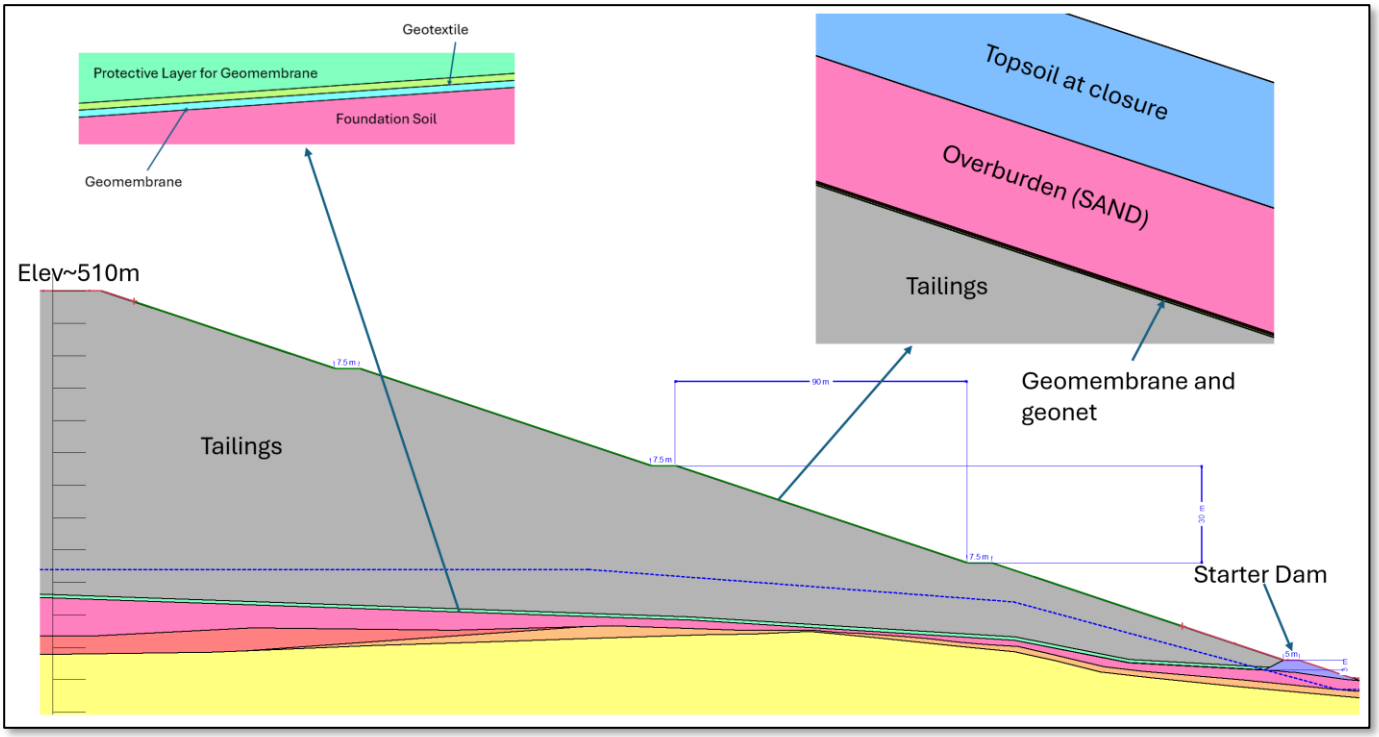


Figure 2-7 B1-B1 Section of Tailings Stockpile for Operation and Closure

2.2 Loading Scenarios and Minimum FoS

Stability analyses were performed under both static and pseudo-static conditions for the three critical sections mentioned earlier. It is important to note that the factor of safety (FoS) for stockpiles classified as non-liquefiable is not addressed by CDA (2019). However, CDA (2019) indicates that if the tailings are non-liquefiable and cannot flow, the facility can be considered a waste disposal area similar to an overburden disposal area. Design guidelines exist for dumps and overburden disposal areas, which would be applicable in this case.

Based on this guidance, the FoS values were determined according to the Quebec Regulations (MRNF, 2024) for dump and overburden stockpiles. Notably, the guidelines from MNRF (2024) are identical to those suggested by BCMWRPRC (1991a) and Hawley and Cunning (2017). The minimum required FoS for both tailings and waste rock stockpiles is presented in **Table 2-1**. The rationale for selecting the loading conditions is explained in the following subsections.

Table 2-1 Minimum Factors of Safety for Stockpile 001 and Stockpile 002 (MRNF, 2024; BCMWRPRC, 1991a and Hawley and Cunning, 2017)

Condition	Minimum Factors of Safety (MRNF, 2024)	
Consequence Classification (CDA, 2019)	**Low to Significant**	**High to Extreme**
Local Stability (each bench)		
Static (Undrained Condition)	1.0	1.1
Static (Drained Condition)	1.2	
Global stability (entire stockpile)		
Static (Undrained condition)	1.3	1.5
Long-term static	1.5	
Pseudo-static	1.1	1.3

2.2.1 Drained

The drained loading condition reflects long-term stability and employs effective stress shear strengths for all materials in the slope stability model. A minimum targeted factor of safety (FOS) of 1.5 has been adopted for the long-term static conditions based on **Table 2-1**.

2.2.2 Undrained

Undrained loading is typically characterized by rapid, short-term loading. Undrained loading can lead to positive excess pore pressures, unlike drained loading conditions, particularly in contractive soils. The minimum target Factor of Safety (FOS) for undrained limit equilibrium stability analyses is 1.3 for low to significant risk and 1.5 for high to extreme risk. However, the tailings materials analyzed in the laboratory are coarse-grained (AtkinsRéalis, 2025b), which means they can be classified as free-draining. Similarly, both Potentially Acid-Generating (PAG) and Non-Acid-Generating (NAG) stockpiles are also free-draining.

It is assumed that all organic materials, topsoil, and clay susceptible to pore water pressure generation from rapid loading will be removed from the footprint of the stockpiles. As a result, undrained loading conditions have not been considered in this study.

2.2.3 Seismicity

This study did not include post-earthquake analyses, which usually evaluate the residual shear strengths of foundational materials that may have liquefied. This decision was made based on borehole investigations indicating that the foundation materials are not expected to experience liquefaction. However, during the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction.

The tailings will be compacted to 95% of the standard Proctor maximum dry density, which makes them non-liquefiable. Consequently, residual strength is not considered in this study. CDA (2019) also clarifies that a tailings facility without ponded water (such as a dry stack) can be designed according to the guidelines for dumps and overburden stockpiles, as long as the dry stack materials are non-liquefiable and cannot flow. Therefore, no post-earthquake analysis was conducted for any of the stockpile materials.

Pseudostatic analysis was performed to assess the dynamic stability of the two stockpiles. Any dry stack designed according to GISTM should meet design criteria corresponding to the extreme consequence classification for post-closure conditions. The site is classified as Class D, with a horizontal seismic acceleration coefficient (K_h) of 0.1g (50% of the PGA for a 1 in 10,000-year event (Extreme), extrapolated from NBCC (2020)) used in the pseudo-static analysis. However, a site-specific seismic hazard assessment is recommended in the next study phase.

2.3 Material Properties

The material density and strength parameters used in the stability analyses were derived by AtkinsRéalis, based on geotechnical investigations conducted by BBA (BBA, 2024), and from laboratory tests on tailings performed at the WSP laboratory (AtkinsRéalis, 2025b). When data from field or laboratory tests was unavailable, assumptions were made based on AtkinsRéalis' experience with similar materials. **Table 2-2** summarizes the material parameters and models utilized in this study. A detailed description of the properties of these materials is provided in the following subsections.

Table 2-2 Material Geotechnical Parameters – Stockpile 001 and 002

Description	γ (kN/m^3)	C' (kPa)	Φ' (˚)	Slope Stability Material Model
Organics/top soil	14	0	18	Mohr-Coulomb
ML - Silt/Sandy Silt/Silt with Gravel	18.5	0	31	Mohr-Coulomb
SM - Silty Sand/Silty Sand with Gravel	19.0	0	34	Mohr-Coulomb
GM - Silty Gravel with Sand/Gravel with Silt and Sand	20.0	0	38	Mohr-Coulomb
GW - Gravel	20.5	0	39	Mohr-Coulomb
Tailings	18	0	37	Mohr-Coulomb
Waste Rock	20	0	38	Mohr-Coulomb
1.5 mm double-textured LLDPE geomembrane (base layer)	9	3.15	30.1	Mohr-Coulomb
Non-woven Geotextile (base layer)	1	3.15	30.1	Mohr-Coulomb
1.5 mm HDPE geomembrane (Cover)	9	0.65	17.8	Mohr-Coulomb
Geonet (Cover)	9	0.65	17.8	Mohr-Coulomb
Protective Layer of Geomembrane/Geotextile	19	0	34	Mohr-Coulomb
Crushed stone (at closure)	19	0	38	Mohr-Coulomb
Bedrock	Impenetrable			

2.3.1 Foundation

BBA Engineering Ltd. (BBA) conducted a geotechnical investigation to assess the subsurface conditions at the proposed stockpile locations (BBA, 2024). BBA (2024) completed a total of sixty-one (61) boreholes for field tests (SPT tests) and laboratory analysis across the entire site. Among these boreholes, eleven (11) are located in stockpile 001, and eight (8) are situated in stockpile 002. The purpose of these boreholes is to determine the stratigraphy and assess the properties of the foundation soil. The selected soil samples were analyzed at the Englobe laboratory in Montréal, where tests were conducted to evaluate particle size distribution, water content, specific gravity, and uniaxial compressive strength (UCS). Additionally, assessments of elastic modulus and Poisson's ratio were performed. AtkinsRéalis analyzed the borehole logs created by BBA, along with laboratory

test data from this investigation, to develop soil profiles for the site according to the Unified Soil Classification System (USCS) and ASTM D2487-17 standards (AtkinsRéalis, 2025a). AtkinsRéalis interpreted the 'N-values' obtained from BBA's Standard Penetration Test (SPT) to provide recommendations on the material properties of the classified soil units.

Based on AtkinsRéalis' interpretations, the foundation beneath the footprints of stockpiles 001 and 002 consists of organic material, followed by a soil unit classified as SILT/Sandy SILT/SILT with Gravel (ML). Below the ML layer, a Silty SAND/Silty SAND with Gravel unit (SM) was identified. Underneath this SM layer is a Silty GRAVEL with Sand/GRAVEL with Silt and Sand unit (GM), followed by a Gravel unit (including cobbles) (GW), which is situated above the bedrock. The estimated friction angles of 31º, 34º, 38º, and 39º, along with unit weights of 18.5, 19.0, 20.0, and 20.5 kN/m³, were derived from the analysis of the SPT 'N-values' for ML, SM, GM, and GW, respectively, and were used in the model.

2.3.2 Tailings

Tailings intended for surface disposal consist of a mixture that includes Primary Coarse DMS floats and degrit, Secondary Coarse DMS degrit, Fine DMS floats and degrit, Ultrafine DMS floats and degrit, Recrushed DMS floats, DMS Mags, and Belt Filter Cake. Laboratory tests of this tailings' mixture indicate a particle size distribution with a D_{80} of 7.68 mm and 2.9% of the material being finer than 75 microns (AtkinsRéalis, 2025b).

The laboratory analysis also determined a standard Proctor maximum dry density of 1,958 kg/m³ and an optimum moisture content of 11.7% (Ww/Ws). Consequently, a unit weight of 95% of the standard Proctor density (1,860 kg/m³ or 18.2 kN/m³) has been utilized in the model.

Based on the interpretations of CIU tests (ASTM D4767), an effective friction angle has been estimated from the model for drained loading conditions. An effective friction angle of 42° has been estimated from the CIU tests for drained loading conditions. For details, please refer to AtkinsRéalis, 2025b. However, it is essential to note that this test was conducted in a controlled laboratory environment, which may not be replicated in the field. Therefore, as a conservative approach, a friction angle of 37° has been used in the stability model analysis.

2.3.3 Waste Rock

There is no laboratory data available for the waste rock. An effective friction angle of 38° and a unit weight of 20 kN/m³ have been assigned to the model based on AtkinsRéalis' prior experience with similar materials, taking a conservative approach.

2.3.4 Geomembrane Liner and Geotextile

As discussed in section 2.1.2.1, the basin of stockpile 002 is lined with a geomembrane that has a cushion of nonwoven geotextile placed on top, which has been incorporated into the model geometry. The interface between the geotextile and the geomembrane is crucial for ensuring slope stability. To address this issue, a series of stability analyses were conducted using various combinations of geomembrane and geotextile types at a fully defined slip surface. The study demonstrated that the combination of a 1.5 mm (60 mil) double-textured LLDPE geomembrane and a nonwoven geotextile provided the highest factor of safety (FoS). As a result, this combination was selected for the design.

The LLDPE was modelled as drained, with an effective friction angle of 30.1 degrees and a unit weight of 9 kN/m³. At the same time, the nonwoven geotextile was also modelled assigning a unit weight of 1 kN/m³ for each loading condition. These model parameters were adopted from the AtkinsRéalis' database and based on specifications from various vendors.

2.3.5 Bedrock

The Slope failure surfaces are assumed not to pass through the bedrock. Therefore, bedrock is modelled as impenetrable, and no model parameter was assigned.

2.4 Phreatic Surface Assumption

The model has assigned a conservative phreatic surface based on a steady-state model where the water table lowers to the level of the peripheral drains below the natural terrain.

2.5 Stability Analysis Results

Drained and pseudo-static loading conditions were evaluated for all three sections at the maximum stockpile height. Undrained loading conditions were not assessed because it was assumed that water could quickly drain from the soil. Both global and local failures were investigated.

The analysis considered the critical failure surface at the interfaces between the geomembrane and geotextile materials. It was determined that the interface between the double-textured LLDPE geomembrane and the nonwoven geotextile was not a critical failure surface.

Both circular and non-circular failure mechanisms were evaluated. The predominant failure mechanism, which resulted in the lowest FoS, was identified as non-circular. Consequently, the results presented in this memo are based on non-circular failure.

There is a slight geometry difference between the project's operational and closure phases. For example, the number of benches in waste rock stockpiles 001 and 002 is higher during the operational phase than in the closure phase. While this difference may have a minor impact on the factor of safety (FoS), it is not significant. Overall, the FoS during the operational phase is slightly higher than during the closure phase.

The FoS for stockpile 001 is slightly higher than that for stockpile 002, which can be attributed to the lower height and weight of stockpile 001. This results in a comparatively lower sliding moment relative to the resisting moment. Additionally, the FoS of the tailings stockpile is lower than that of the waste rock stockpile since tailings generally have less shear strength than waste rock.

There are slight variations in the FoS among local failures across different benches, attributed to the varying orientation of entry-exit lines and the positioning of the benches. Generally, benches at higher elevations exhibit a higher FoS than those at lower elevations.
As shown in **Table 2-3**, the proposed configurations and optimizations demonstrate that the FoS for stockpile 001 meets the minimum requirements established by the Québec Regulations (MRNF, 2024) across all loading scenarios, including both global and local failure.

Table 2-3 Factor of Safety of the Slope Stability Analysis

Stockpile	Phase	Section	Loading Conditions	Minimum requirement of FoS	FoS	Reference	Failure Type
001	Operational	A1-A1	Static (Drained)	1.5	2.53	Figure A-1	Global
002	Operational	H-H	Static (Drained)	1.5	2.31	Figure A-2	Global
002	Operational	B1-B1	Static (Drained)	1.5	2.13	Figure A-3	Global
001	Operational	A1-A1	Pseudo-static	1.3	1.91	Figure A-4	Global
002	Operational	H-H	Pseudo-static	1.3	1.76	Figure A-5	Global
002	Operational	B1-B1	Pseudo-static	1.3	1.60	Figure A-6	Global
001	Closure	A1-A1	Static (Drained)	1.5	2.41	Figure A-7	Global
002	Closure	H-H	Static (Drained)	1.5	2.32	Figure A-8	Global
002	Closure	B1-B1	Static (Drained)	1.5	2.13	Figure A-9	Global
001	Closure	A1-A1	Pseudo-static	1.3	1.84	Figure A-10	Global
002	Closure	H-H	Pseudo-static	1.3	1.75	Figure A-11	Global
002	Closure	B1-B1	Pseudo-static	1.3	1.60	Figure A-12	Global
001	Operational	A1-A1	Static (Drained)	1.2	1.80	Figure A-13	Local (Bench 1)
001	Operational	A1-A1	Static (Drained)	1.2	1.30	Figure A-14	Local (Bench 2)
001	Operational	A1-A1	Static (Drained)	1.2	1.22	Figure A-15	Local (Bench 3)
001	Operational	A1-A1	Static (Drained)	1.2	1.27	Figure A-16	Local (Bench 4)
001	Operational	A1-A1	Static (Drained)	1.2	1.26	Figure A-17	Local (Bench 5)
001	Operational	A1-A1	Static (Drained)	1.2	1.25	Figure A-18	Local (Bench 6)
001	Operational	A1-A1	Static (Drained)	1.2	1.25	Figure A-19	Local (Bench 7)
001	Operational	A1-A1	Static (Drained)	1.2	1.38	Figure A-20	Local (Bench 8)
001	Operational	A1-A1	Static (Drained)	1.2	1.24	Figure A-21	Local (Bench 9)
001	Closure	A1-A1	Static (Drained)	1.2	2.41	Figure A-22	Local (Bench 1)
001	Closure	A1-A1	Static (Drained)	1.2	2.33	Figure A-23	Local (Bench 2)
001	Closure	A1-A1	Static (Drained)	1.2	2.21	Figure A-24	Local (Bench 3)
002	Operational	H-H	Static (Drained)	1.2	1.63	Figure A-25	Local (Bench 1)

Stockpile	Phase	Section	Loading Conditions	Minimum requirement of FoS	FoS	Reference	Failure Type
002	Operational	H-H	Static (Drained)	1.2	1.49	Figure A-26	Local (Bench 2)
002	Operational	H-H	Static (Drained)	1.2	1.31	Figure A-27	Local (Bench 3)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure A-28	Local (Bench 4)
002	Operational	H-H	Static (Drained)	1.2	1.36	Figure A-29	Local (Bench 5)
002	Operational	H-H	Static (Drained)	1.2	1.42	Figure A-30	Local (Bench 6)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure A-31	Local (Bench 7)
002	Operational	H-H	Static (Drained)	1.2	1.42	Figure A-32	Local (Bench 8)
002	Operational	H-H	Static (Drained)	1.2	1.46	Figure A-33	Local (Bench 9)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure A-34	Local (Bench 10)
002	Operational	H-H	Static (Drained)	1.2	1.35	Figure A-35	Local (Bench 11)
002	Closure	H-H	Static (Drained)	1.2	2.43	Figure A-36	Local (Bench 1)
002	Closure	H-H	Static (Drained)	1.2	2.37	Figure A-37	Local (Bench 2)
002	Closure	H-H	Static (Drained)	1.2	2.44	Figure A-38	Local (Bench 3)
002	Closure	H-H	Static (Drained)	1.2	2.21	Figure A-39	Local (Bench 4)
002	Operational	B1-B1	Static (Drained)	1.2	2.36	Figure A-40	Local (Bench 1)
002	Operational	B1-B1	Static (Drained)	1.2	2.28	Figure A-41	Local (Bench 2)
002	Operational	B1-B1	Static (Drained)	1.2	2.28	Figure A-42	Local (Bench 3)
002	Operational	B1-B1	Static (Drained)	1.2	1.84	Figure A-43	Local (Bench 4)
002	Closure	B1-B1	Static (Drained)	1.2	2.33	Figure A-44	Local (Bench 1)
002	Closure	B1-B1	Static (Drained)	1.2	2.36	Figure A-45	Local (Bench 2)
002	Closure	B1-B1	Static (Drained)	1.2	2.29	Figure A-46	Local (Bench 3)
002	Closure	B1-B1	Static (Drained)	1.2	1.90	Figure A-47	Local (Bench 4)

3 Conclusions

A study has investigated the stability of stockpiles 001 and 002. The following conclusions can be drawn from the study:

- The Factor of Safety (FoS) for both stockpiles 001 and 002 meets the minimum requirements set by the Quebec Regulations (MRNF, 2024) under different loading conditions for both the operational and closure stages;
- The lowest safety factors identified were found to be non-circular;
- The factor of safety (FoS) for stockpile 001 is slightly higher than that for stockpile 002. This is due to the lower height and weight of stockpile 001 compared to stockpile 002, which results in a relatively lower sliding moment than the resisting moment;
- The FoS of the tailings stockpile is lower than that of the waste rock stockpile since tailings generally have less shear strength than waste rock, and
- There are some uncertainties regarding the foundation's strength under the footprint of stockpiles 001 and 002. During the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction. The design should be adjusted accordingly based on these findings.

4 References

Atkins Realis, 2025a, Foundation recommendations for site infrastructure, document number CASN-A-370-GT-MEM-0002

Atkins Realis, 2025b, Geotechnical Laboratory Analysis of Tailings, document number CASN-A-370-GT-MEM-0003

BBA 2024. Shaakichiuwaanaan Project, Technical Report, Geotechnical Campaign for Phase 2 (factual), Preliminary, 7535009-020001-4G-ERA-0003-RAA

BCMWRPRC, 1991b. Operating and Monitoring Manual – Interim Guidelines. Mine Rock and Overburden Piles 2. Prepared by Klohn Leonoff Ltd, May 1991.

CDA, 2019. Technical Bulletin: Application of Dam Safety Guidelines to Mining Dams, 2014 (2019 Edition). Canadian Dam Association

GlobalTailingsReview.org, 2020. Global Industry Standard on Tailings Management (GISTM). https://globaltailingsreview.org/global-industry-standard/.

Hawley, M. and Cunning, J. (editors), 2017. Guidelines for Mine Waste Dump and Stockpile Design. CSIRO Publishing.

MELCCFP, 2025. Directive 019 sur l'industrie minière, 13 février 2025. Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs, Gouvernement du Québec – 2025. [Accessed in French at: https://www.environnement.gouv.qc.ca/milieu_ind/directive019/directive-019-2025.pdf].

MRNF, 2024. Guide de préparation du plan de réaménagement et de restauration des sites miniers au Québec, Octobre 2024. Ministère des Ressources naturelles et des Forêts, Gouvernement du Québec – 2024. [Accessed in French at: https://www.mern.gouv.qc.ca/wpcontent/uploads/GM_restauration_sites_miniers_MERN.pdf]

NBCC (2020). National Building Code of Canada Seismic Hazard Tool, 2020 National Building Code of Canada Seismic Hazard Tool

Appendix A Stability Analysis Results

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	Bedrock	Bedrock (Impenetrable)				1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

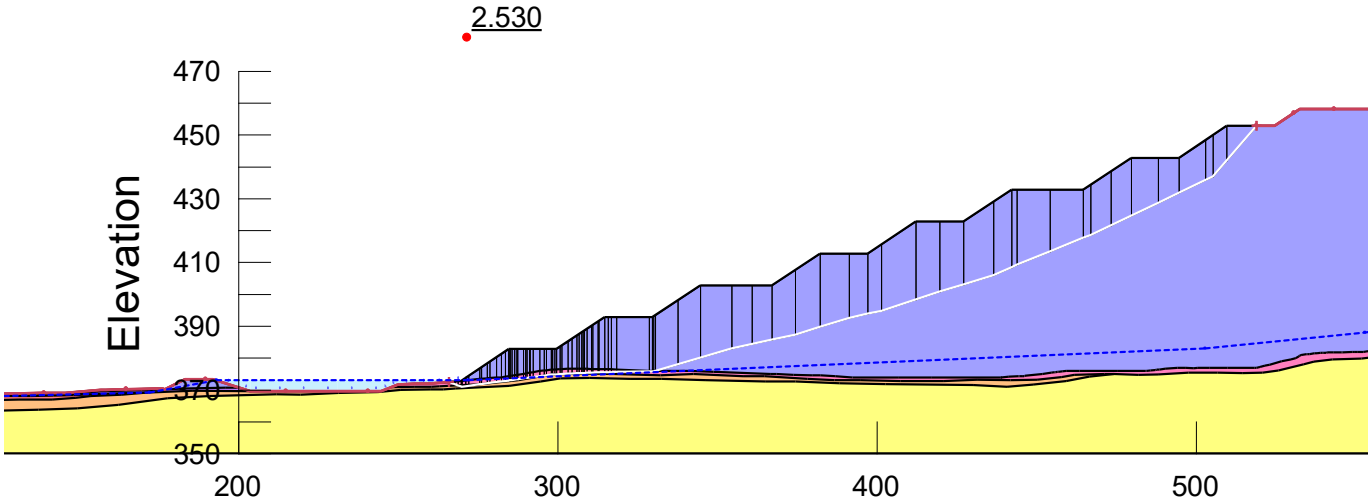


Figure A-1: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase

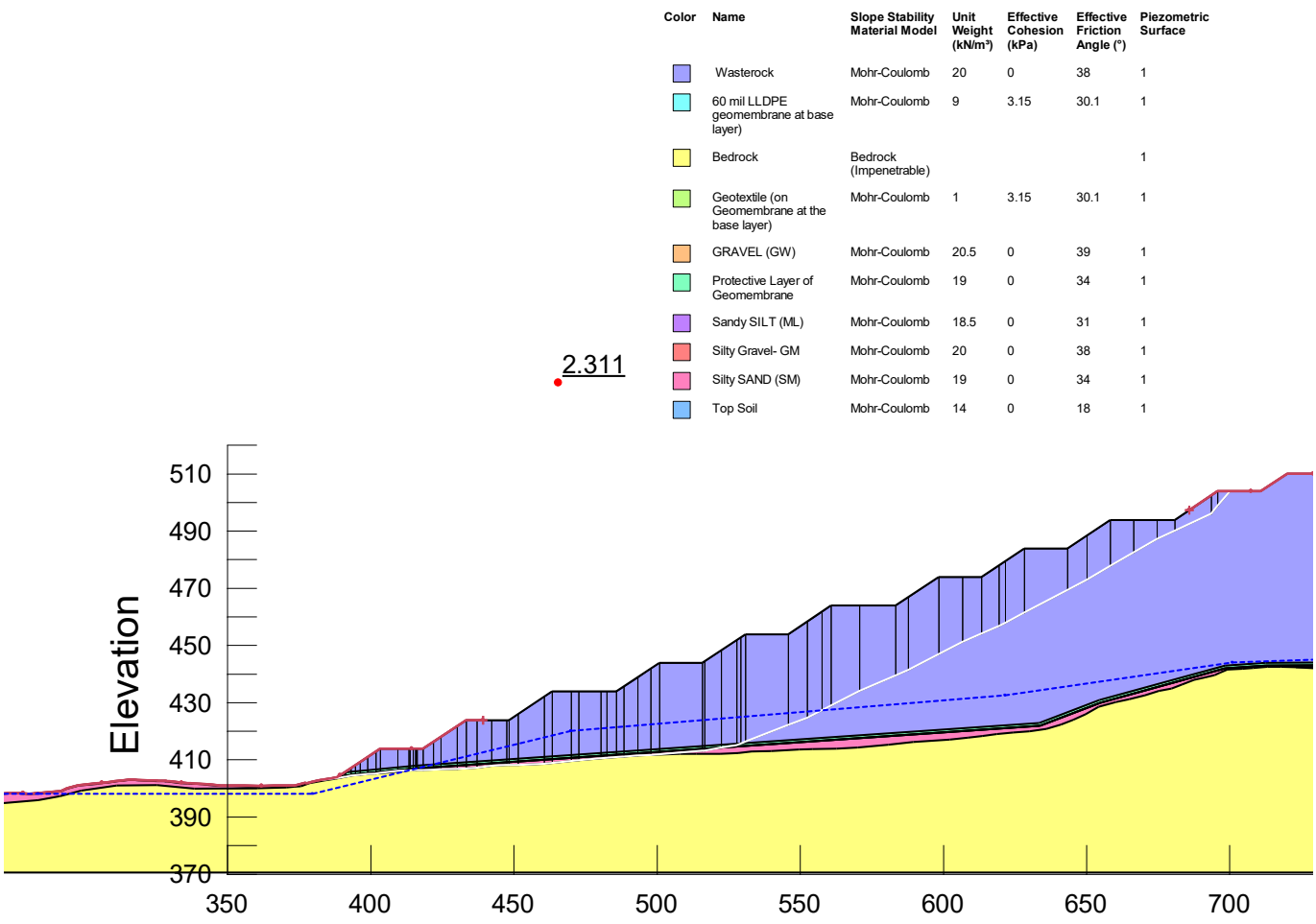


Figure A-2: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

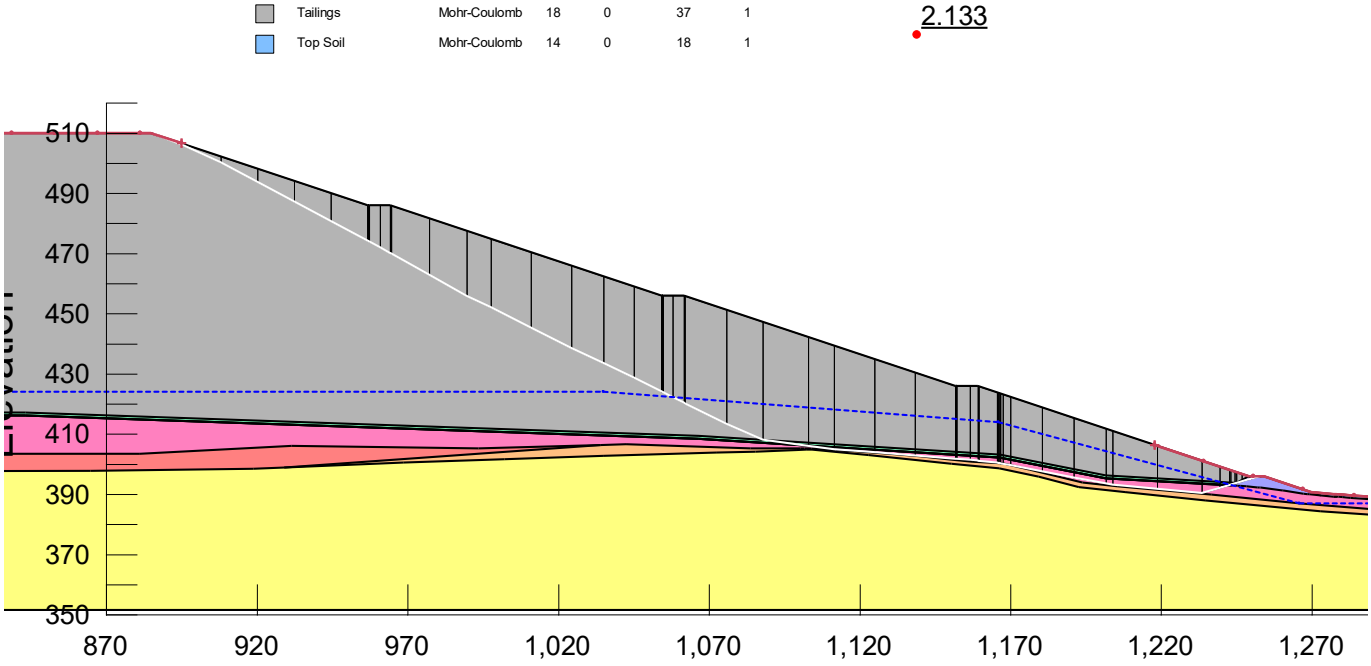


Figure A-3: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase

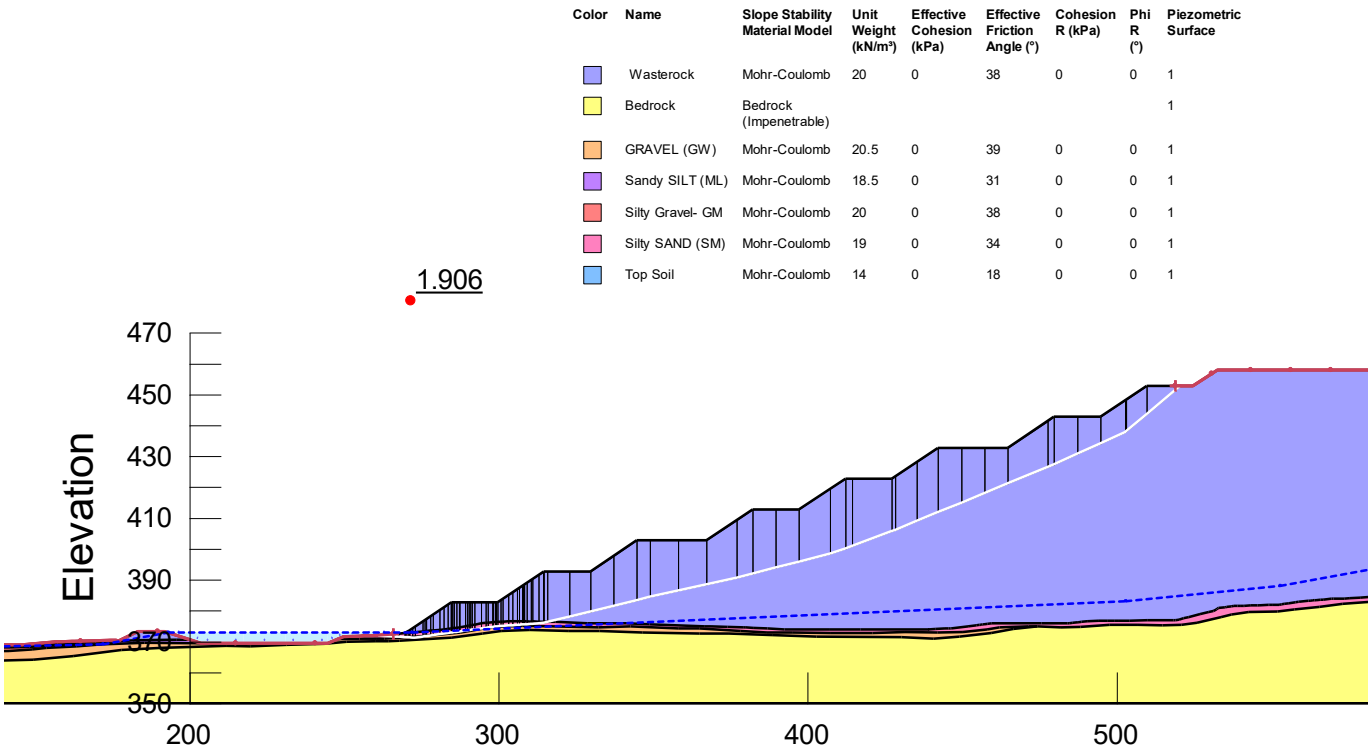


Figure A-4: Stability Results for Static (Pseudostatic) Analysis at Stockpile 001 for NAG at Operational Phase

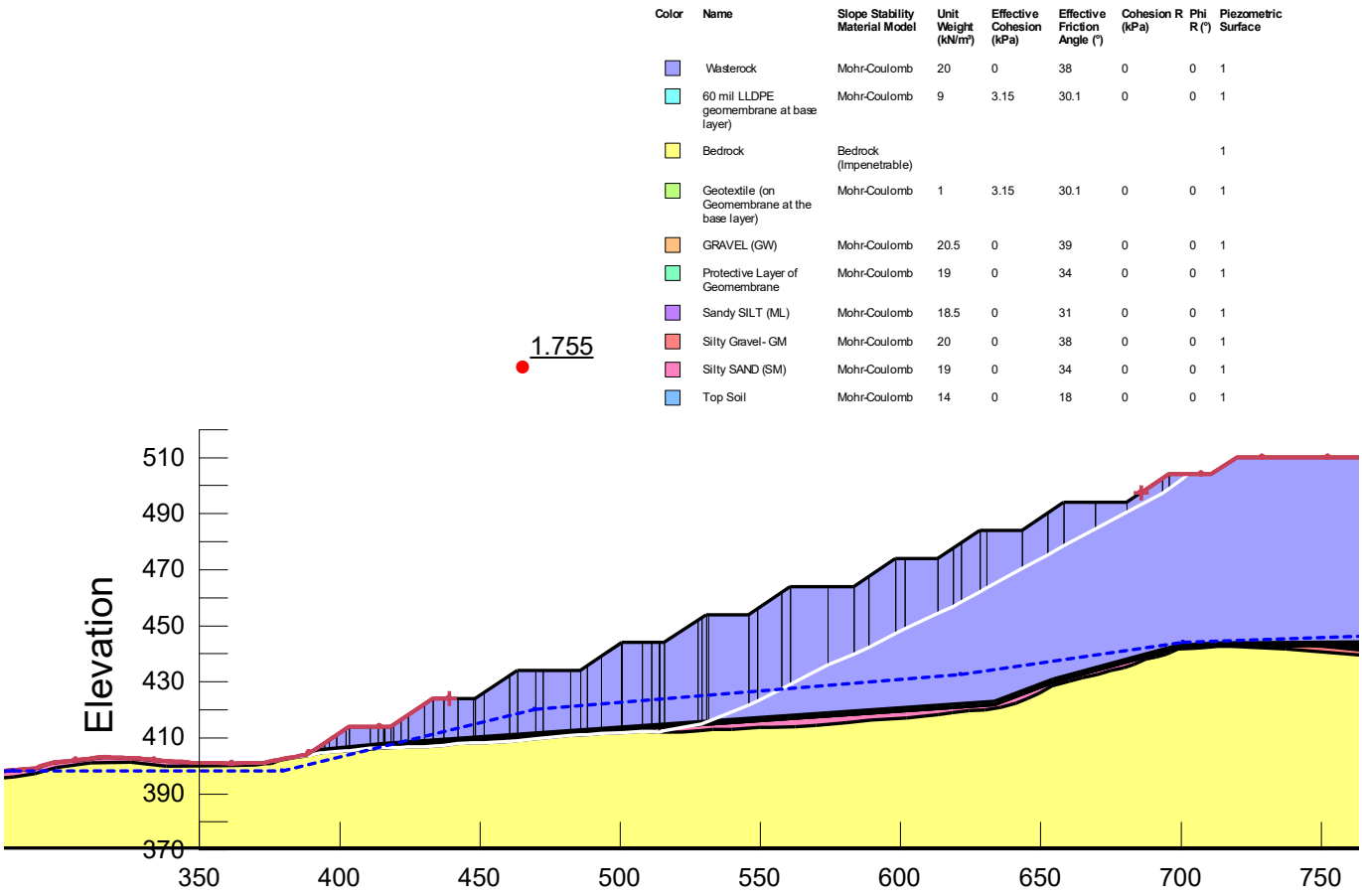


Figure A-5: Stability Results for Static (Pseudostatic) Analysis at Stockpile 002 for PAG at Operational Phase

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Tailings	Mohr-Coulomb	18	0	37	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

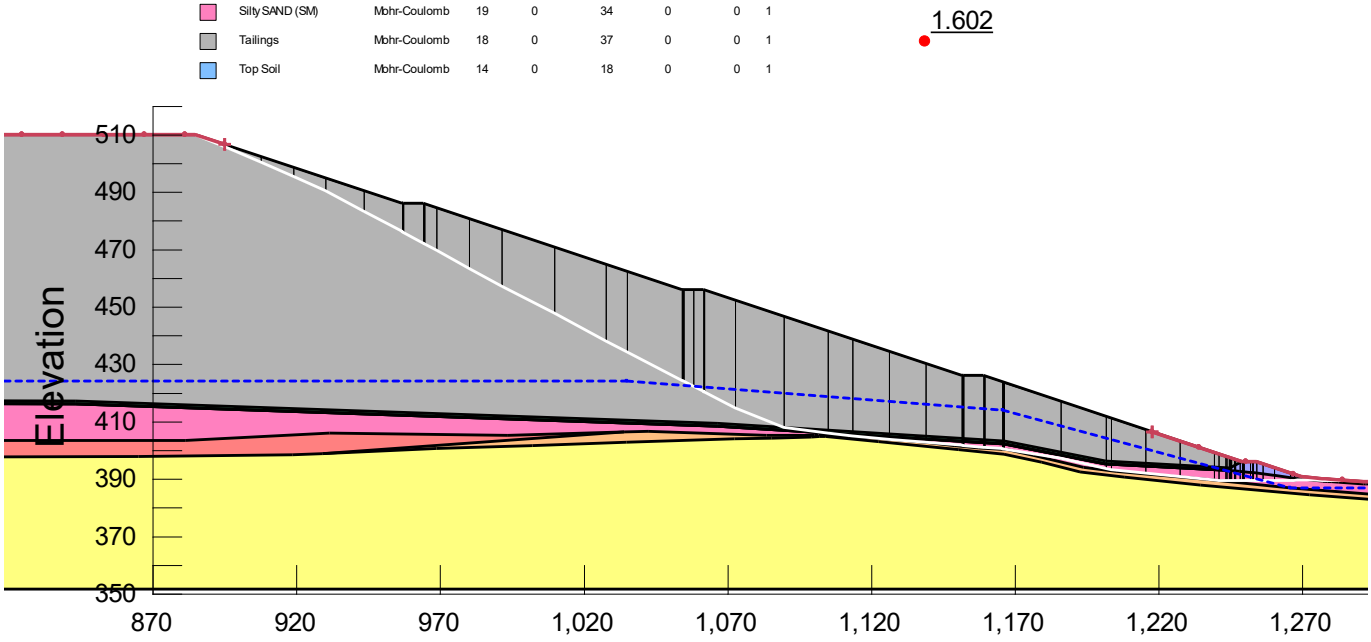


Figure A-6: Stability Results for Static (Pseudostatic) Analysis at Stockpile 002 for Tailings at Operational Phase

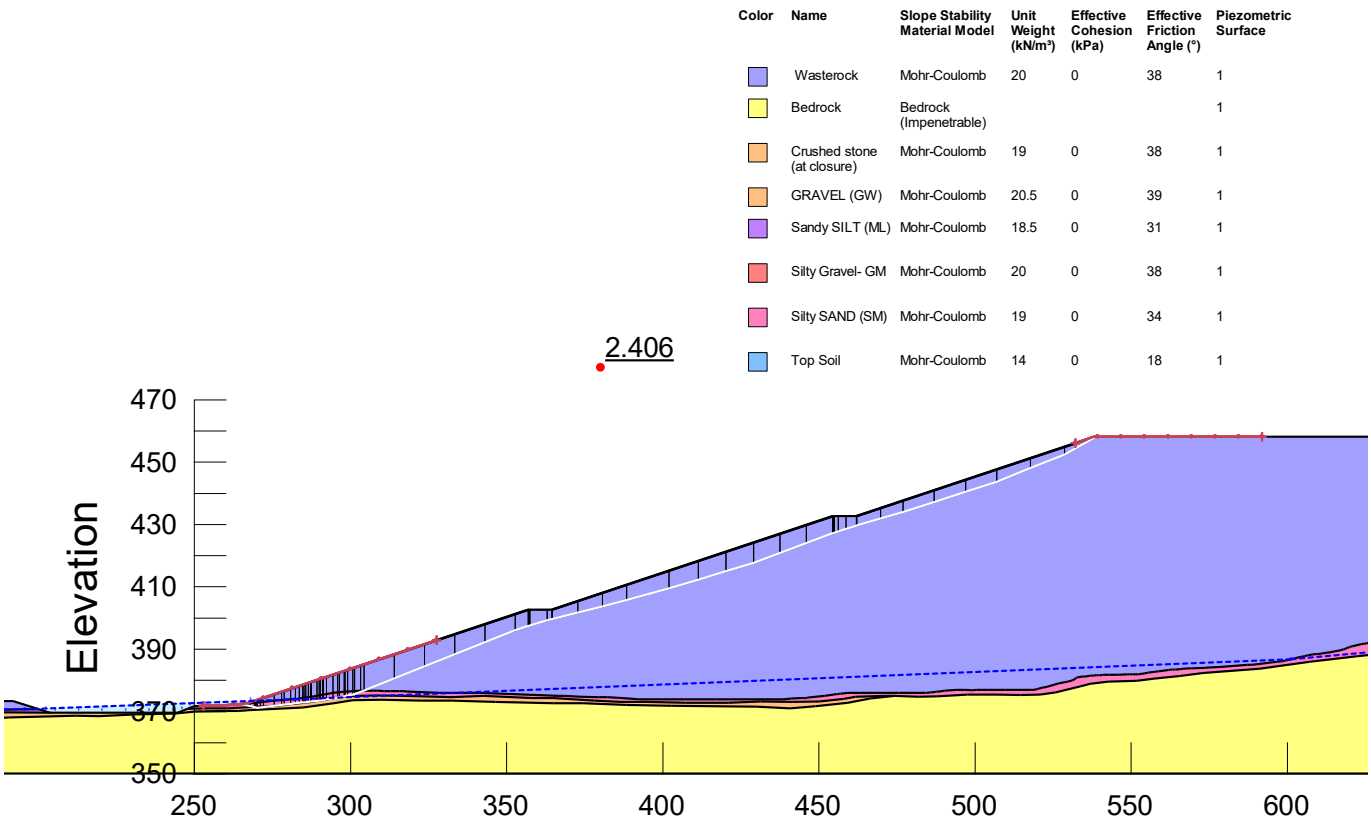


Figure A-7: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure

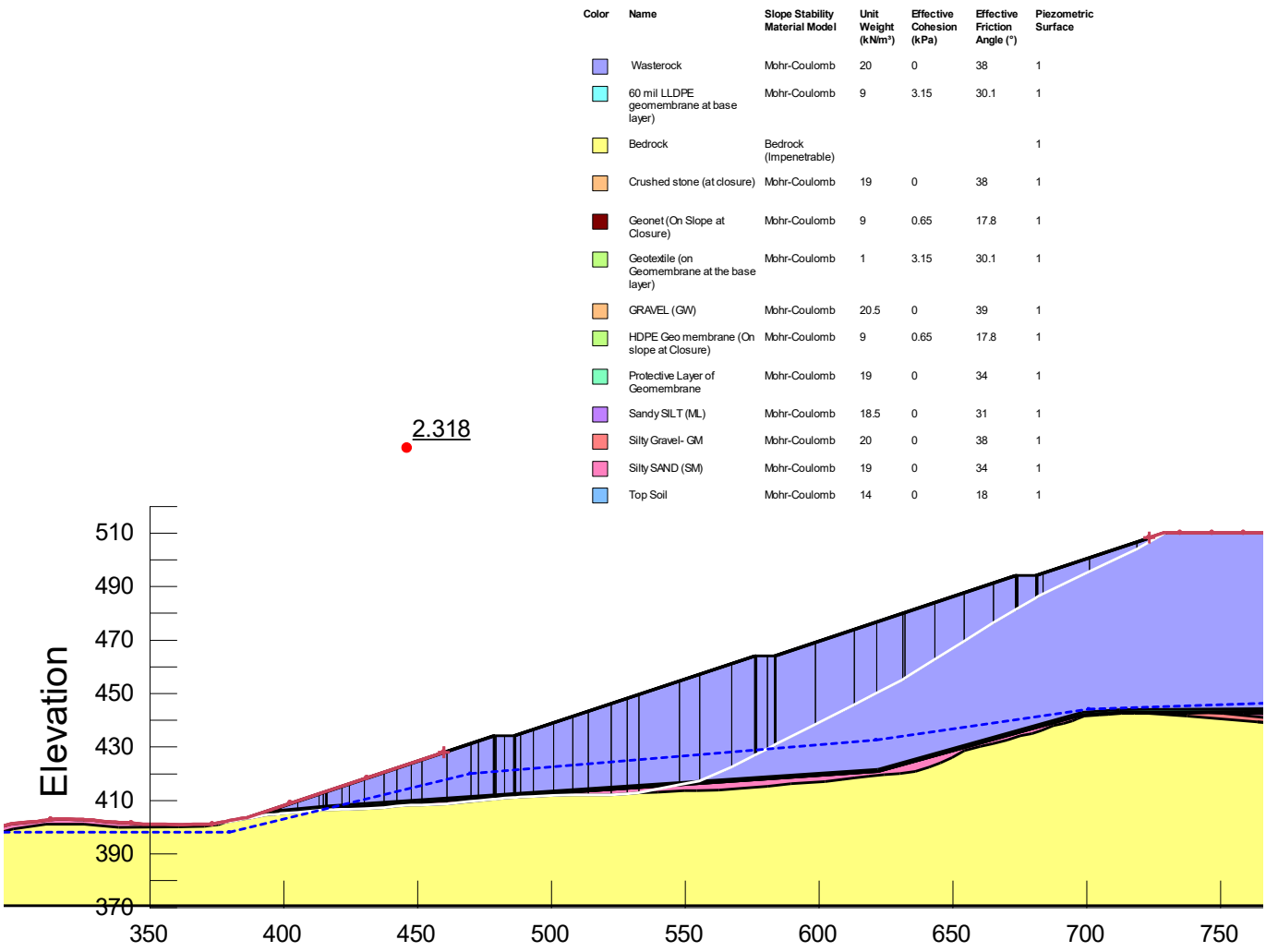


Figure A-8: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

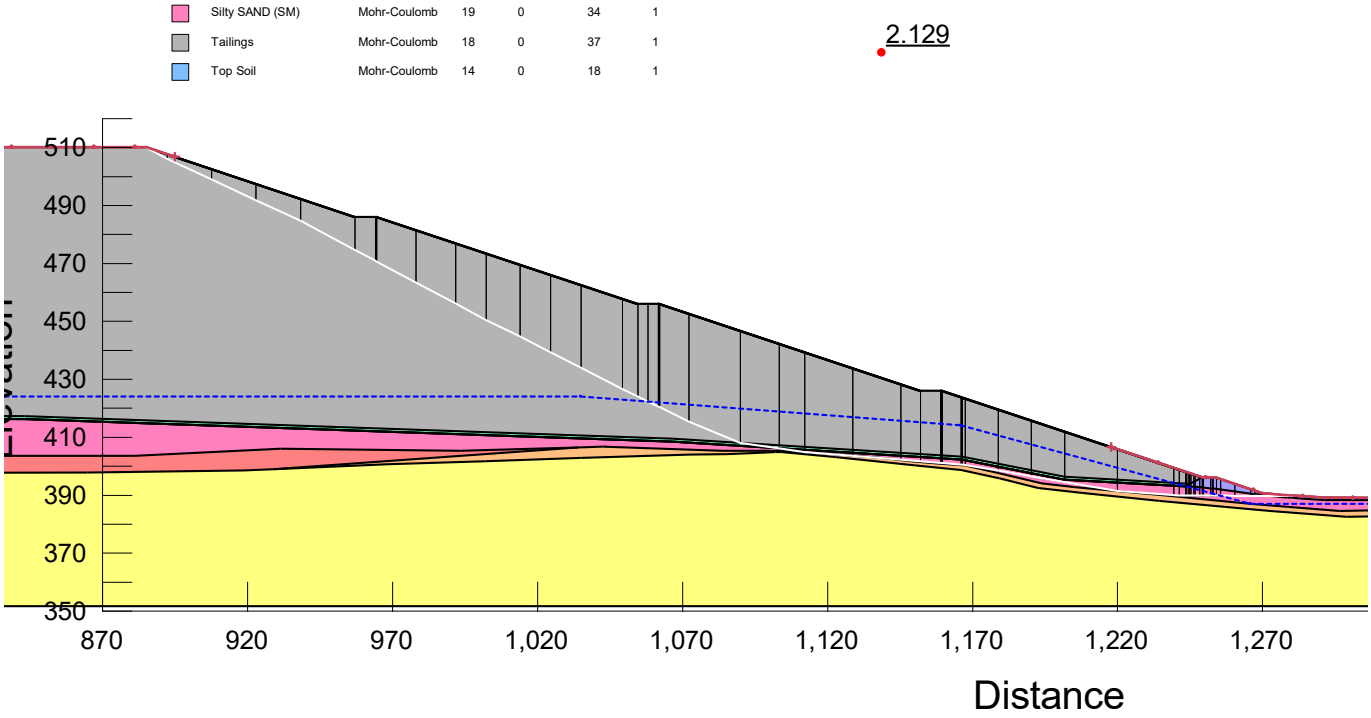


Figure A-9: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

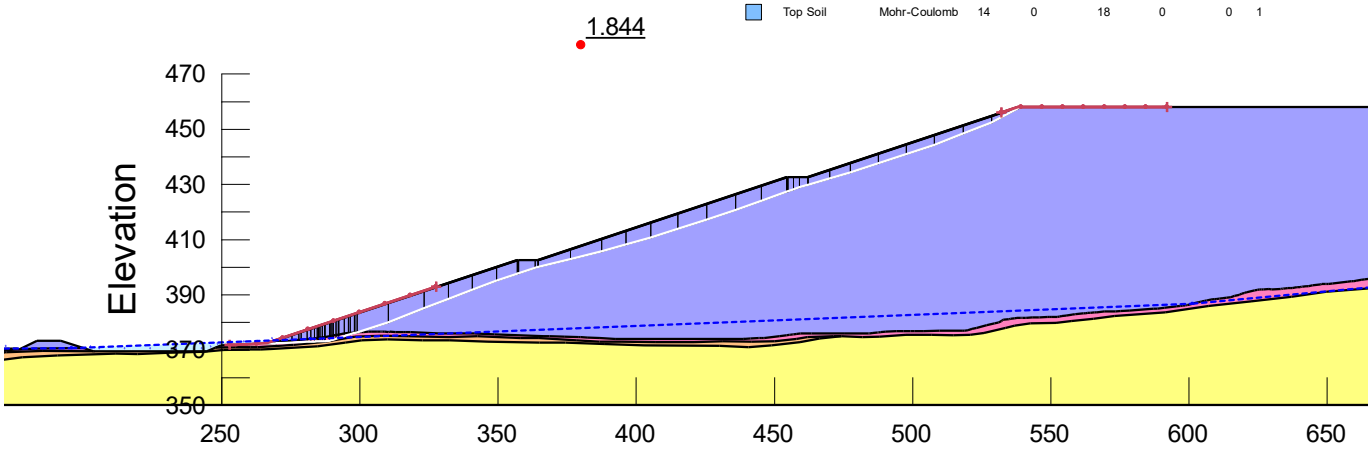


Figure A-10: Stability Results for Psudostatic Analysis at Stockpile 001 for NAG at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	0	0	1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	0	0	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

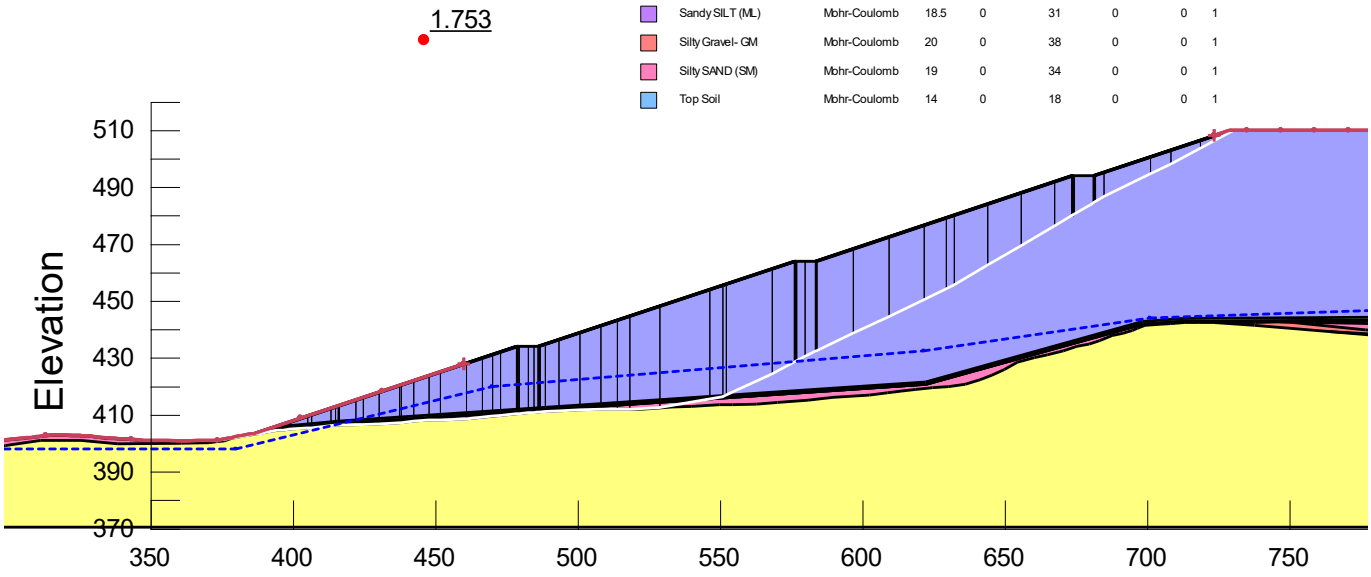


Figure A-11: Stability Results for Psudostatic Analysis at Stockpile 002 for PAG at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Tailings	Mohr-Coulomb	18	0	37	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

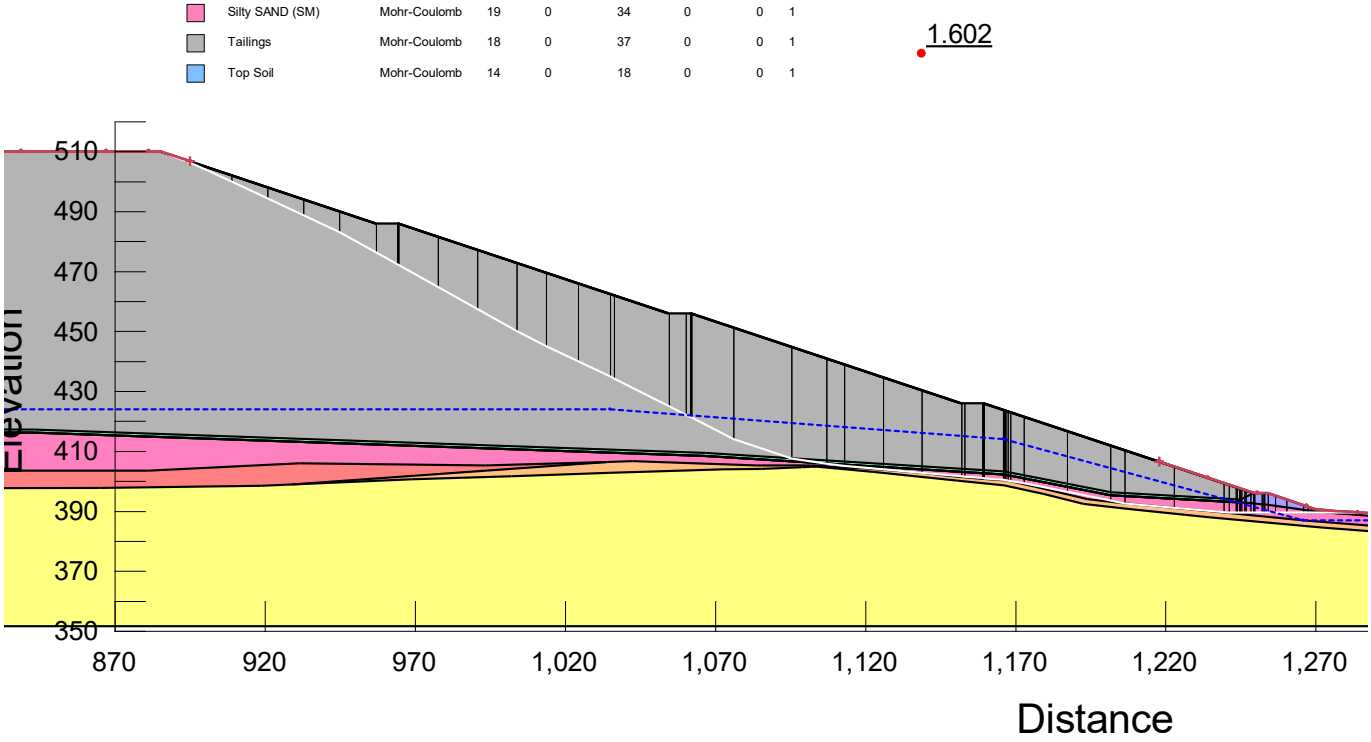


Figure A-12: Stability Results for Psudostatic Analysis at Stockpile 002 for Tailings at Closure

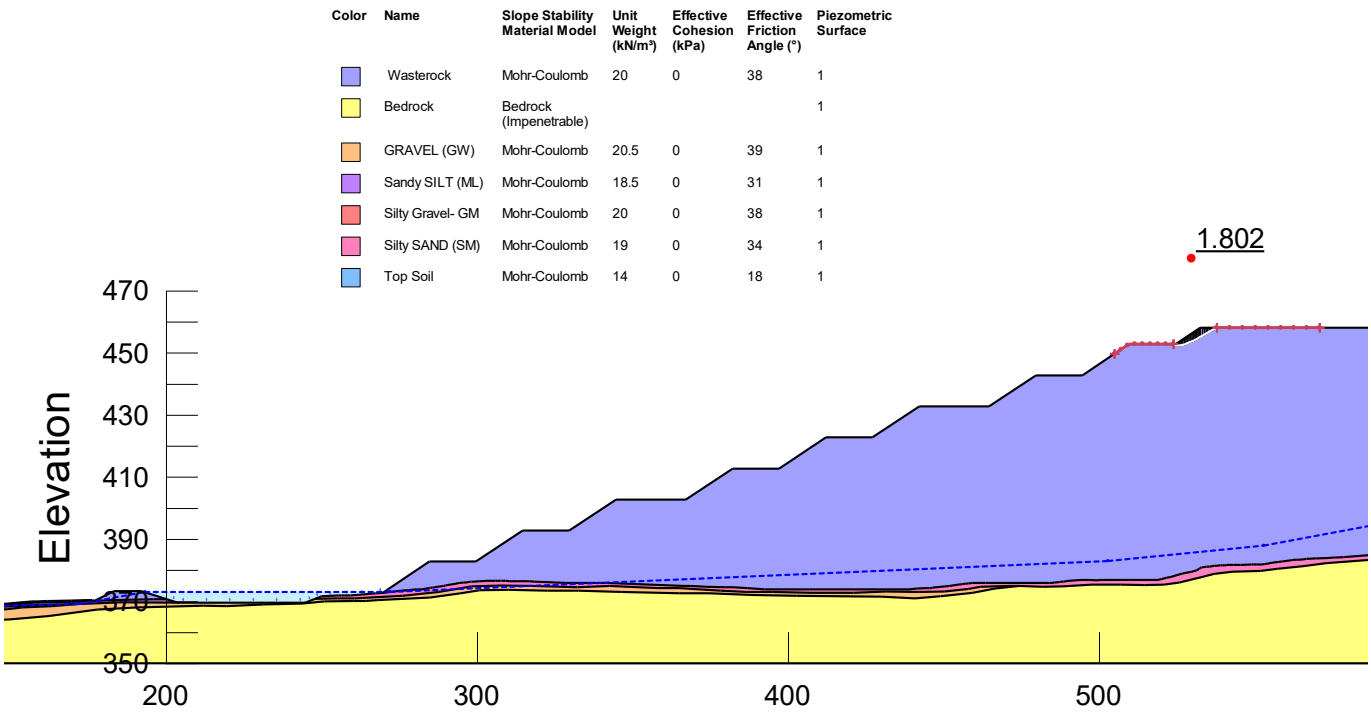


Figure A-13: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 1)

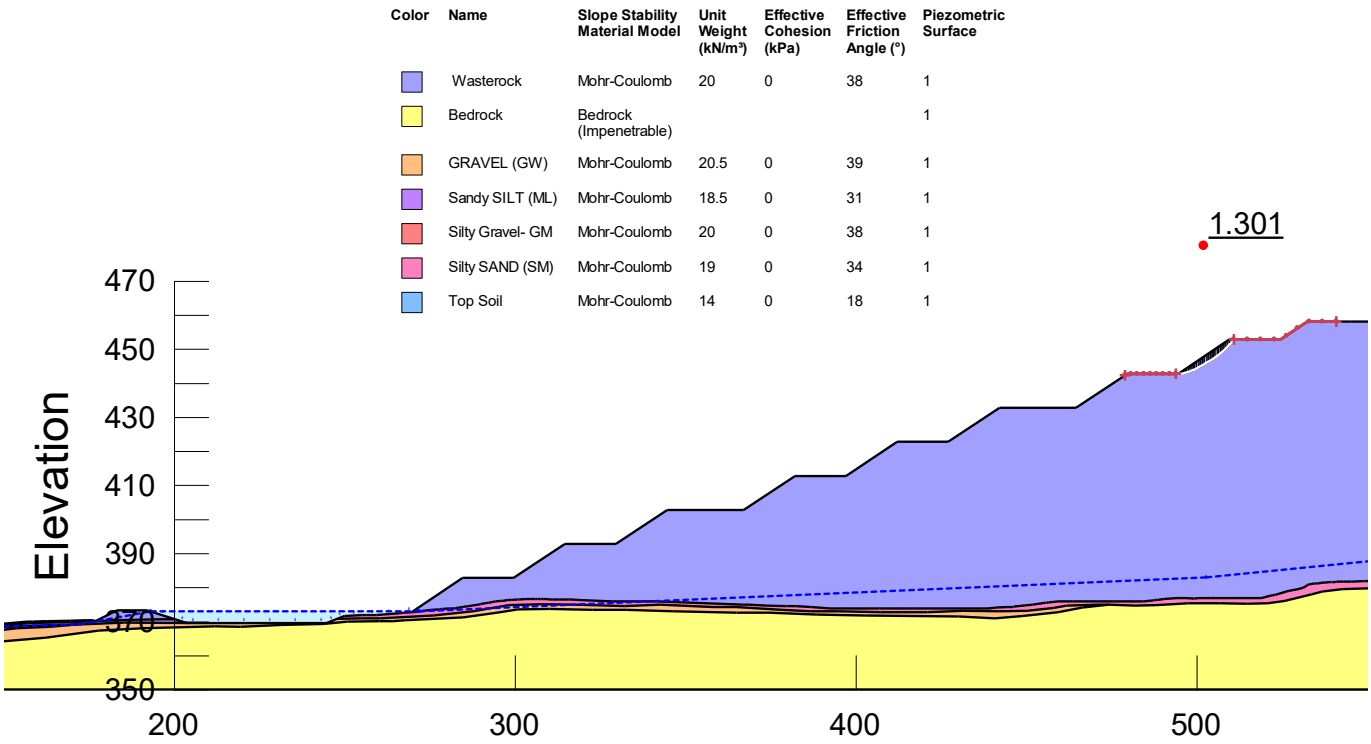


Figure A-14: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 2)

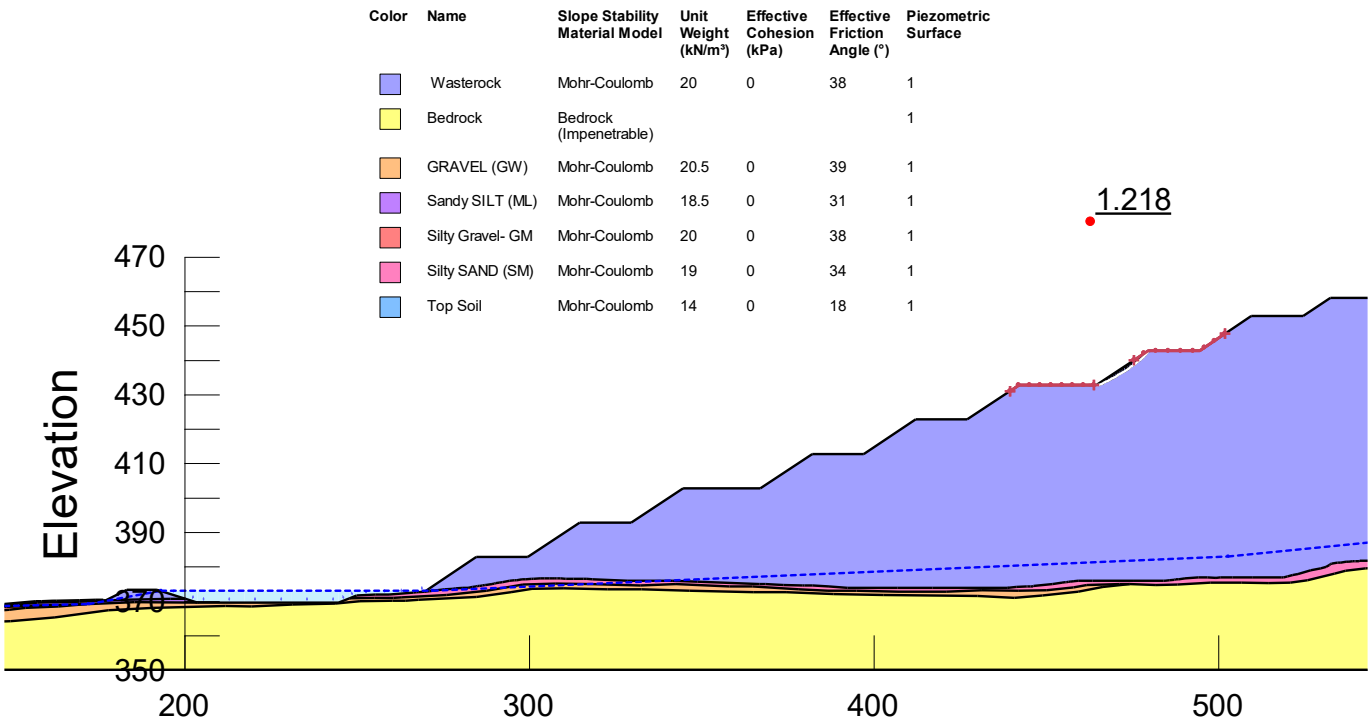


Figure A-15: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 3)

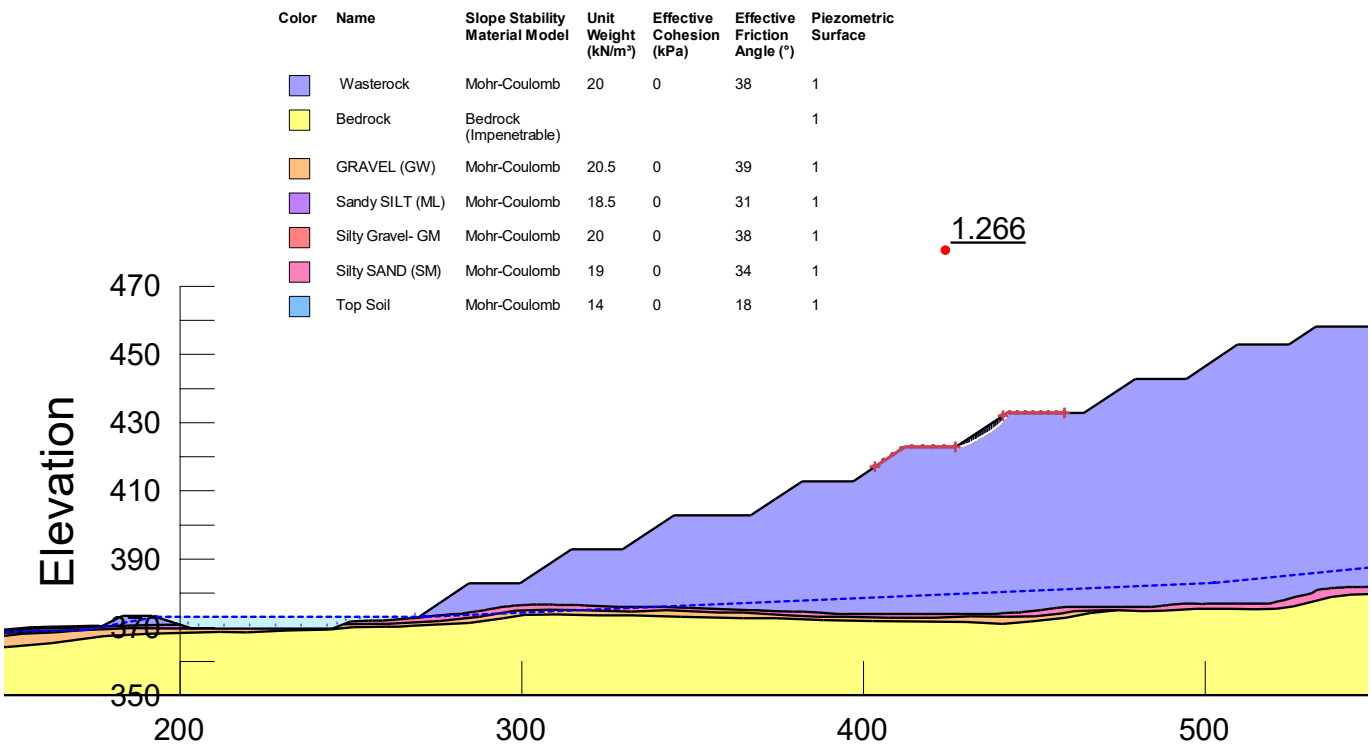


Figure A-16: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 4)

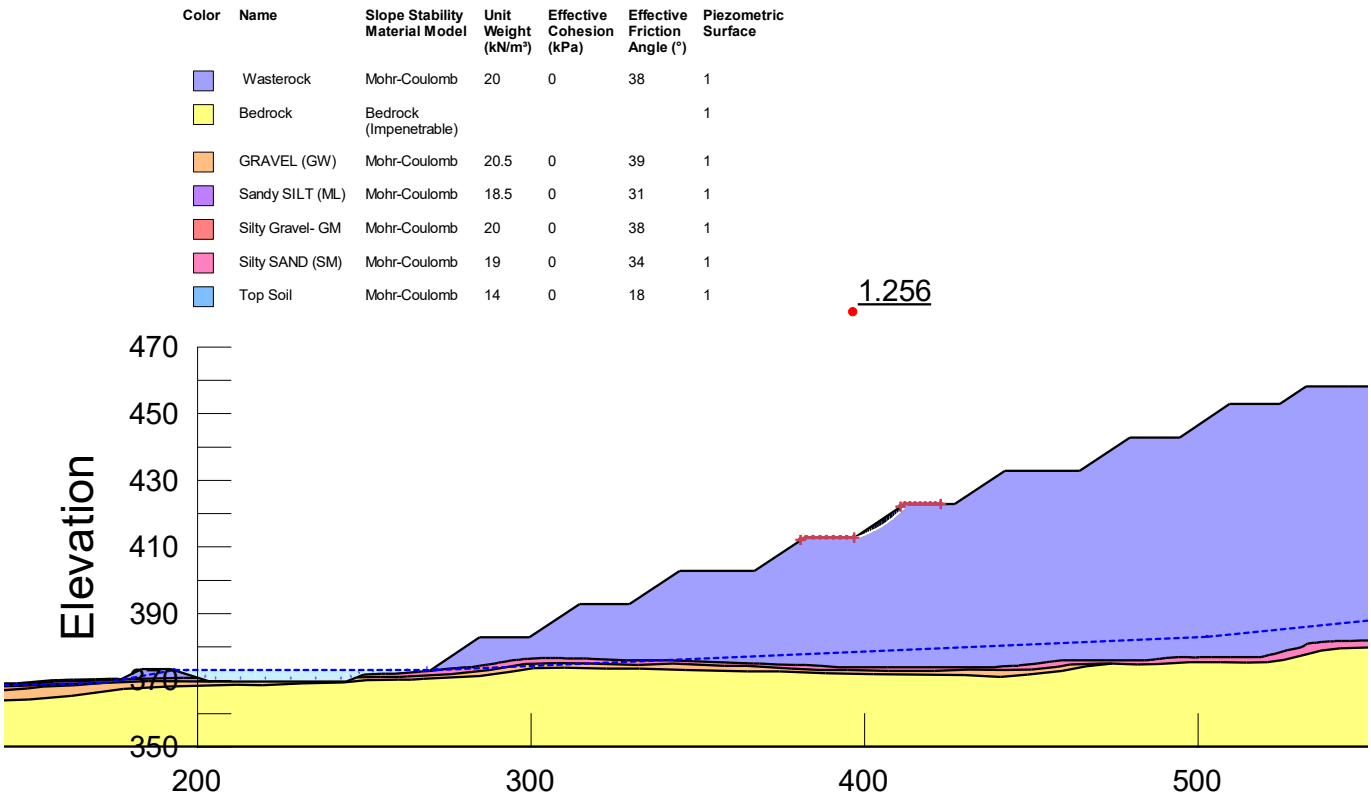


Figure A-17: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 5)

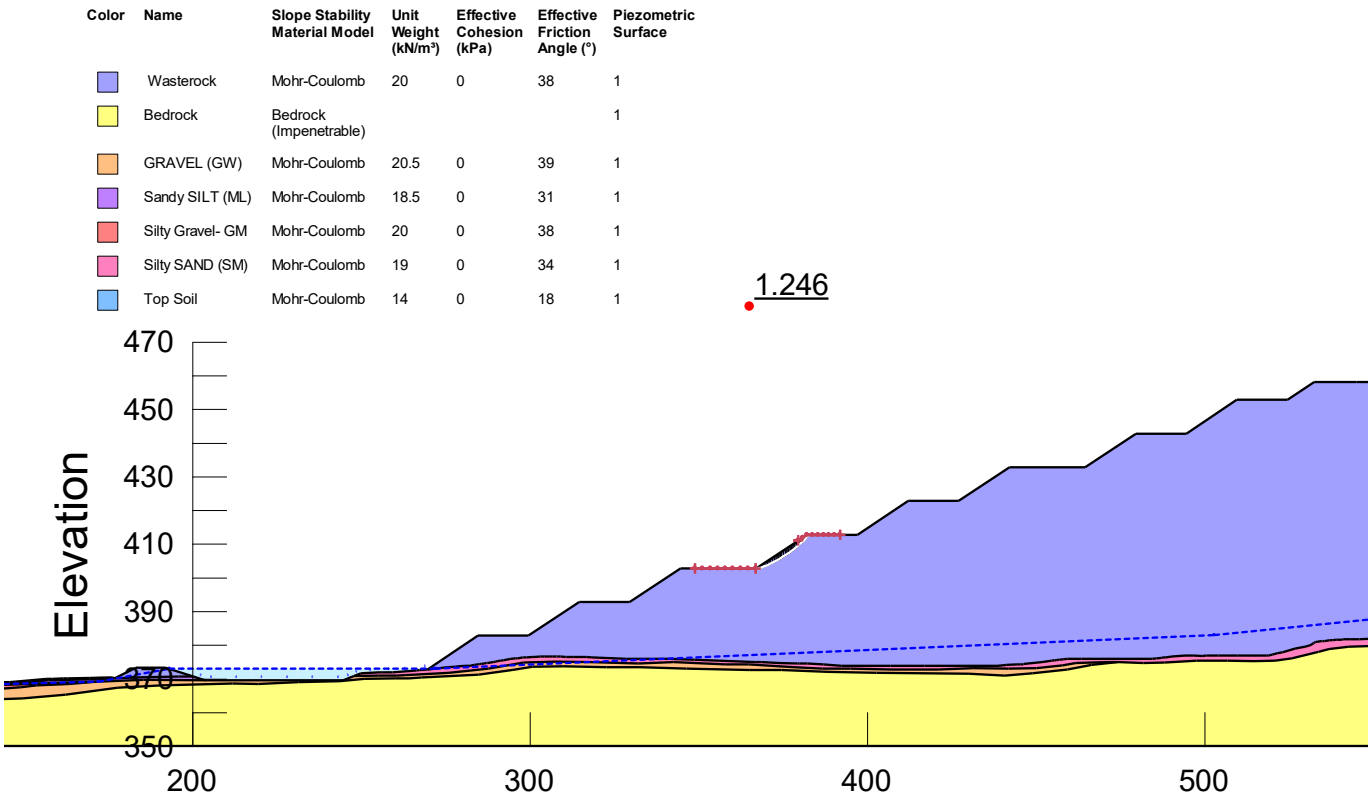


Figure A-18: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 6)

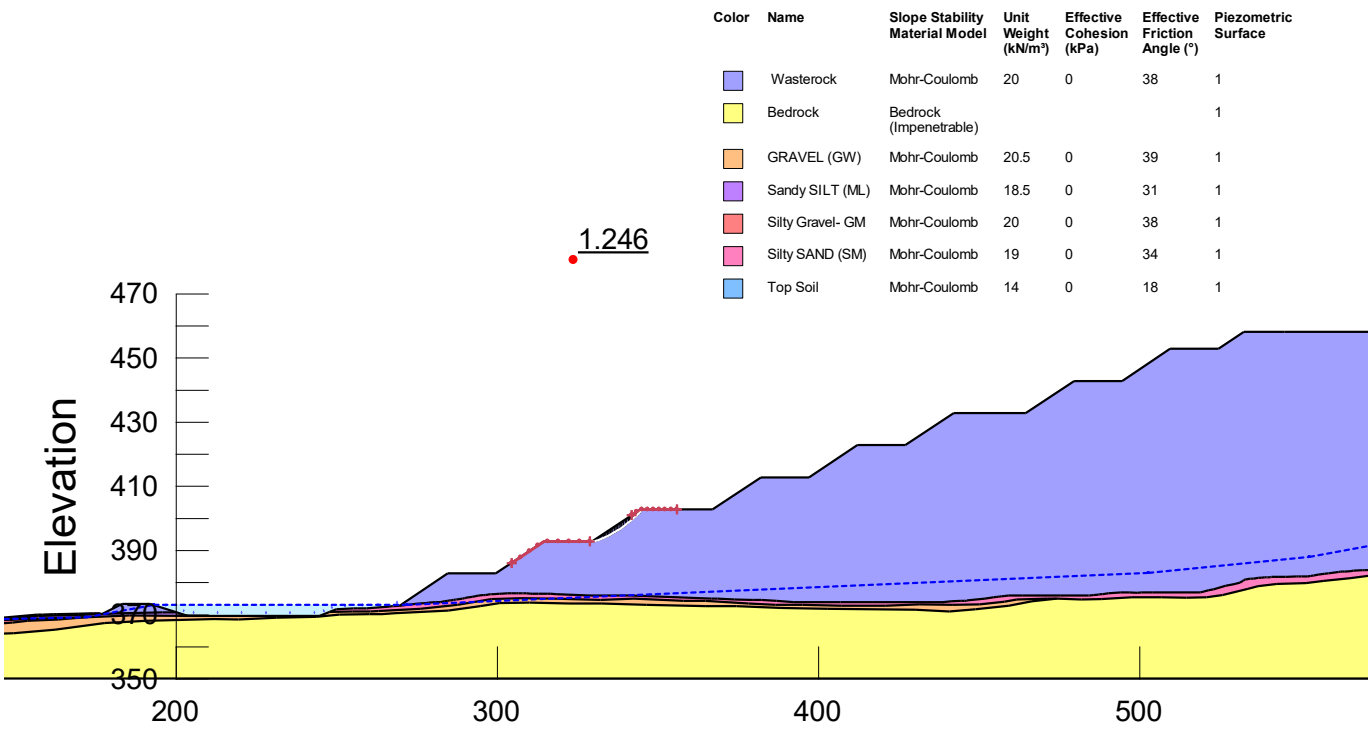


Figure A-19: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 7)

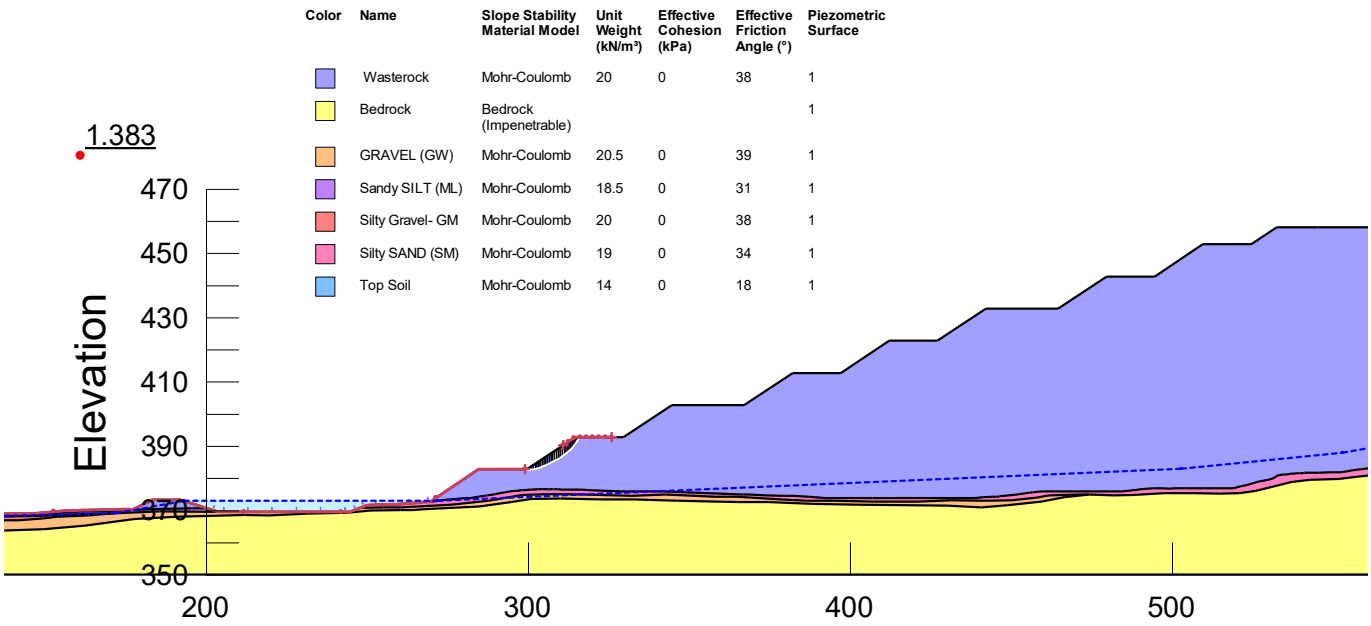


Figure A-20: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 8)

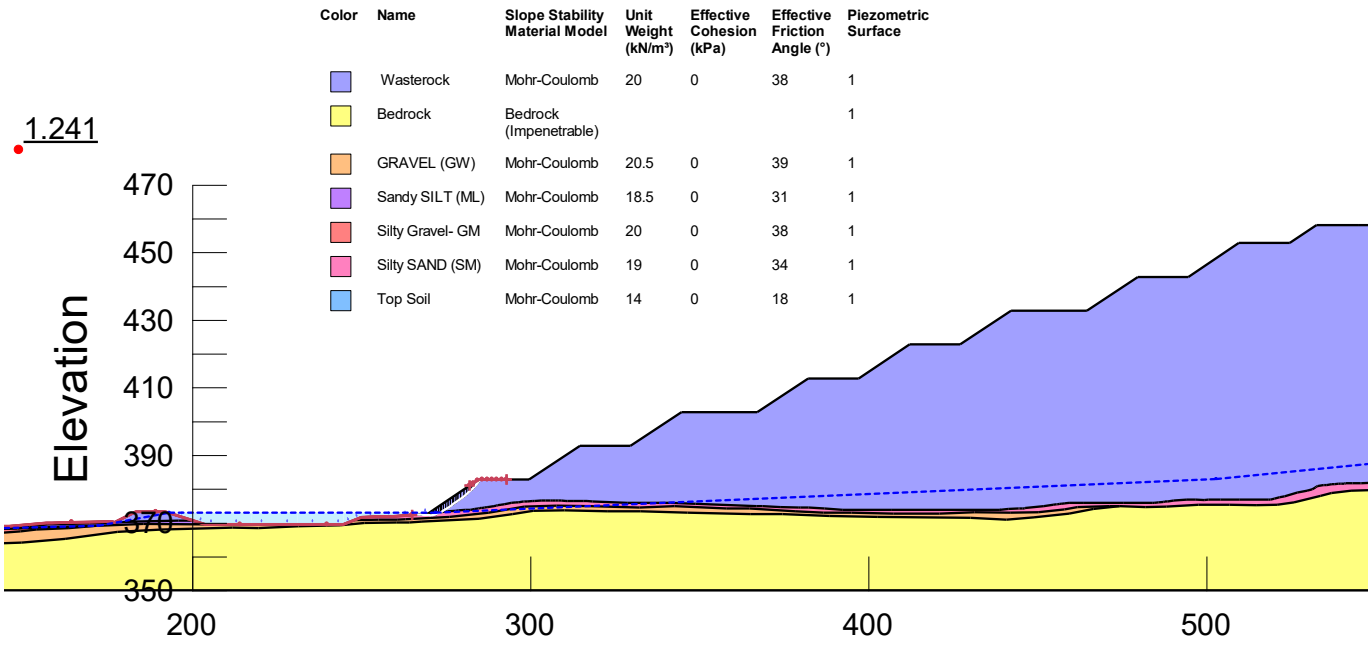


Figure A-21: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 9)

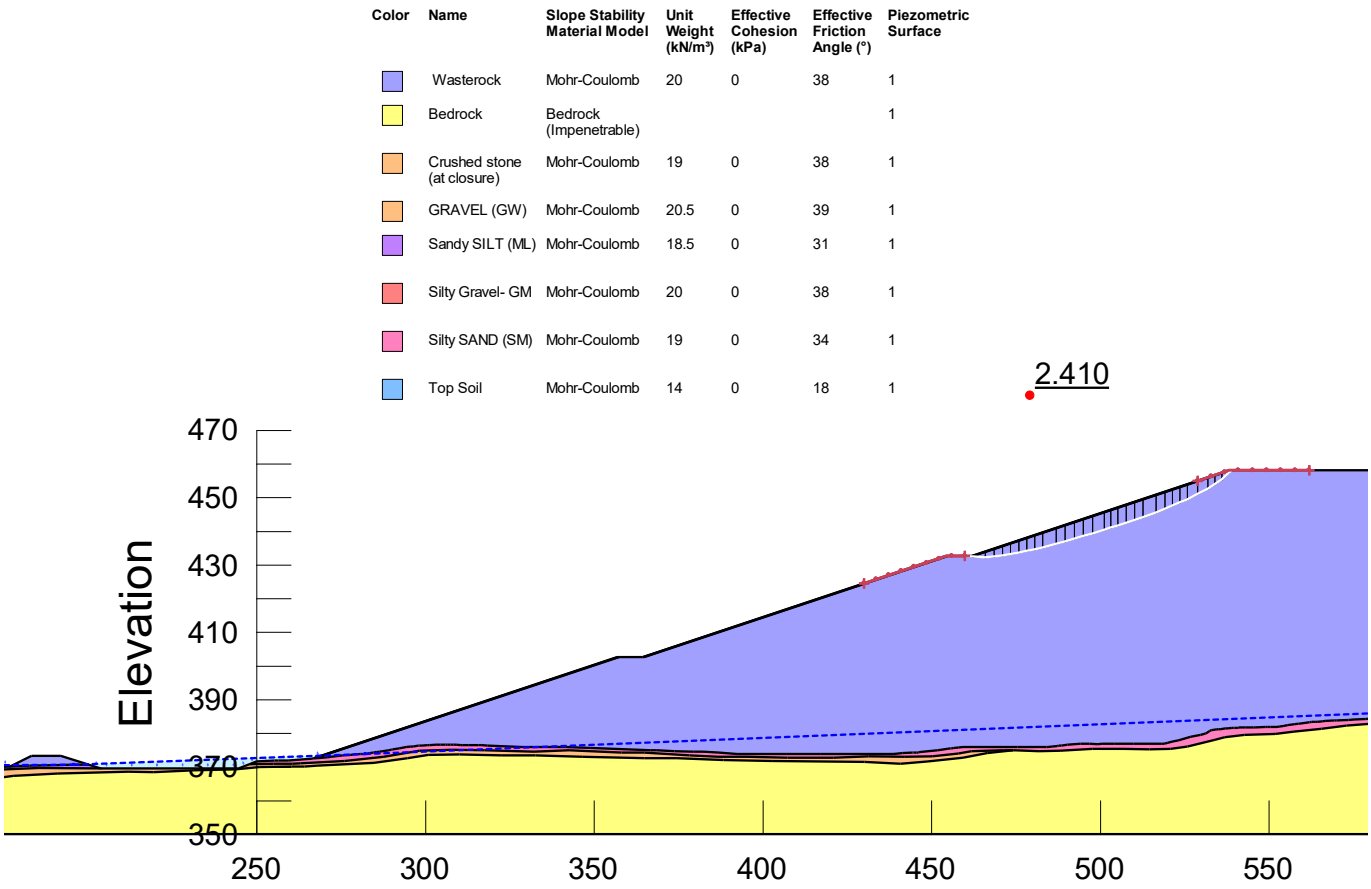


Figure A-22: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure Phase of Local Failure (Bench 1)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	Bedrock	Bedrock (Impenetrable)				1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

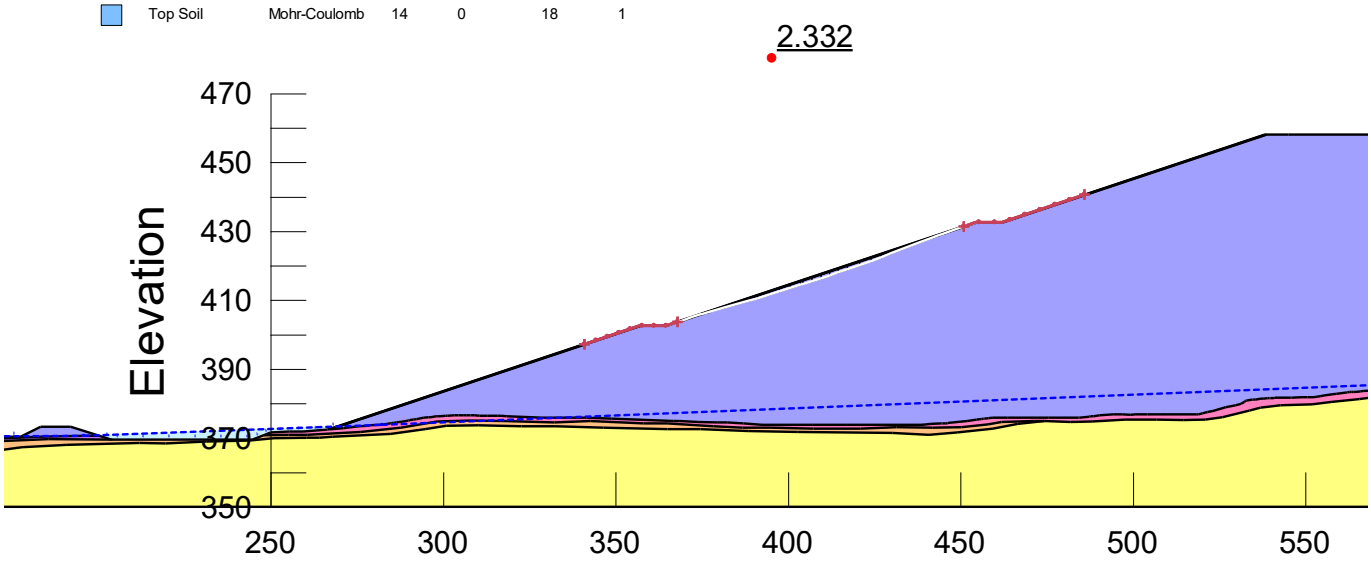


Figure A-23: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure Phase of Local Failure (Bench 2)

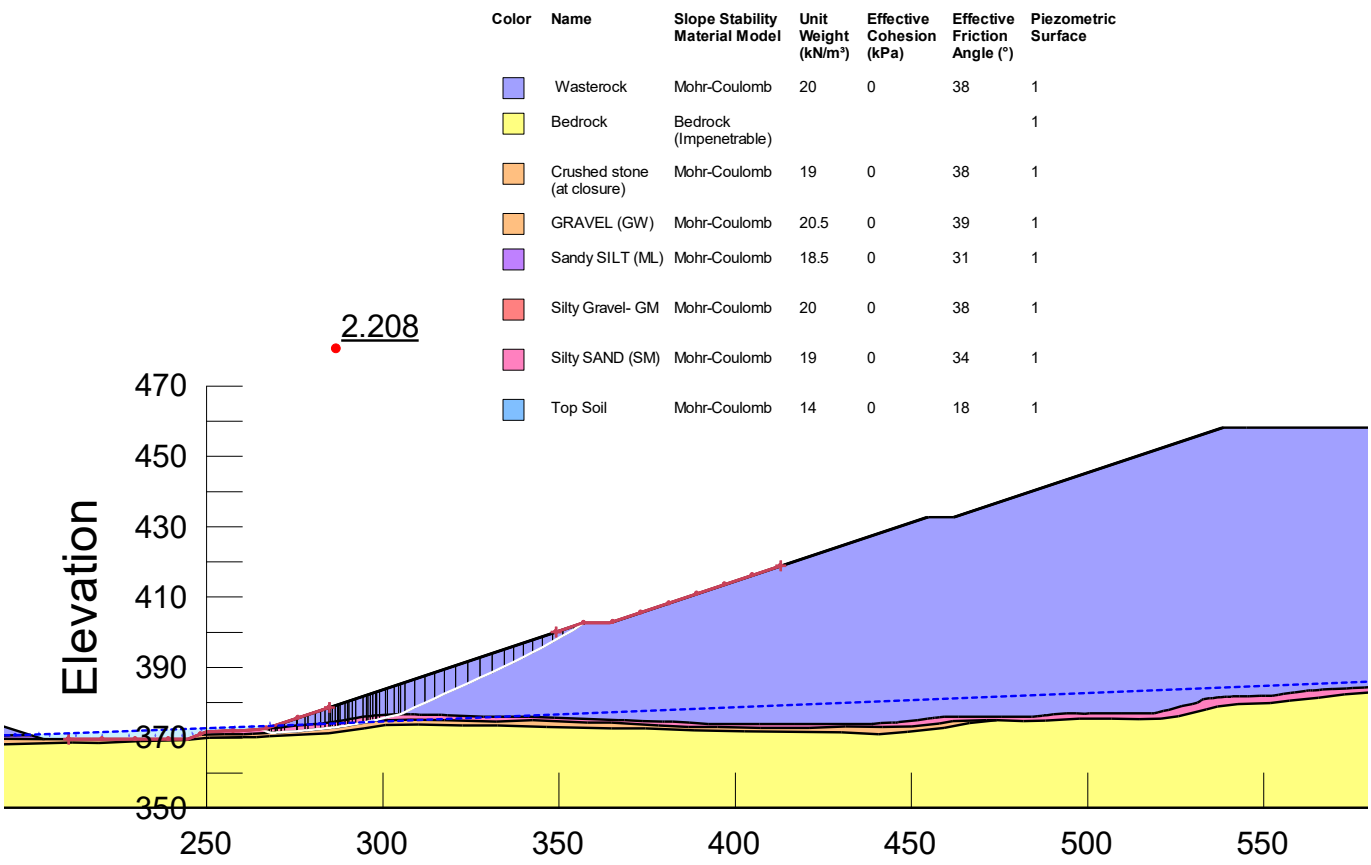


Figure A-24: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure Phase of Local Failure (Bench 3)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

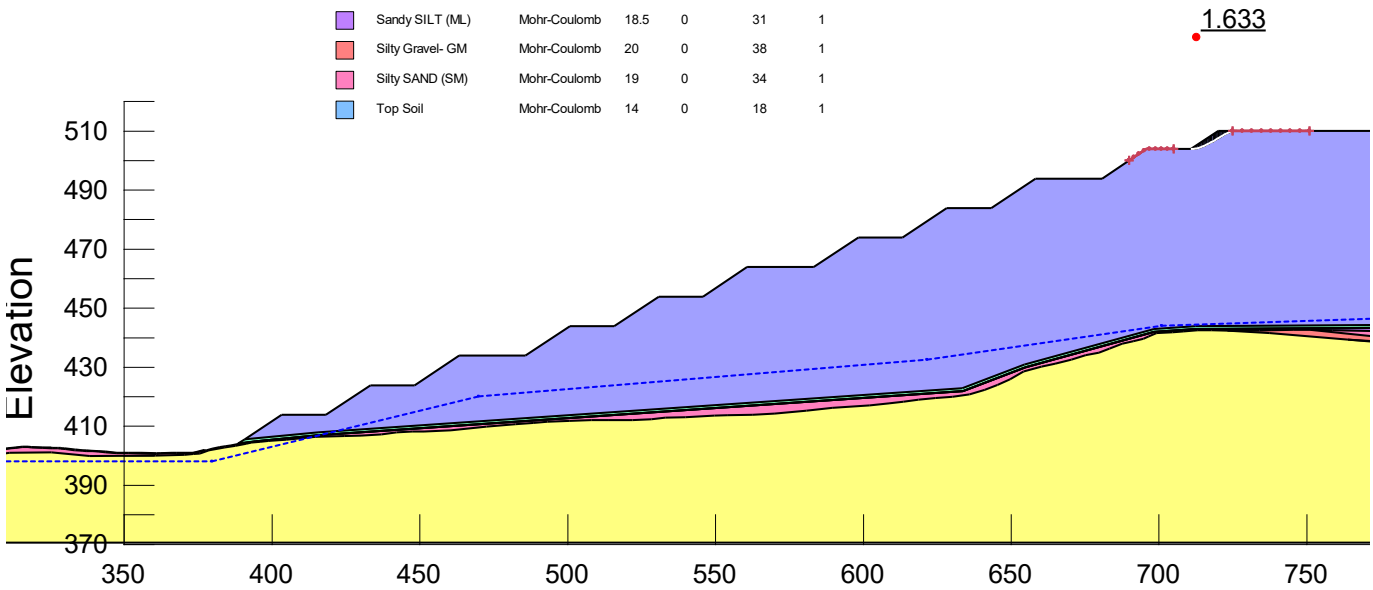


Figure A-25: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 1)

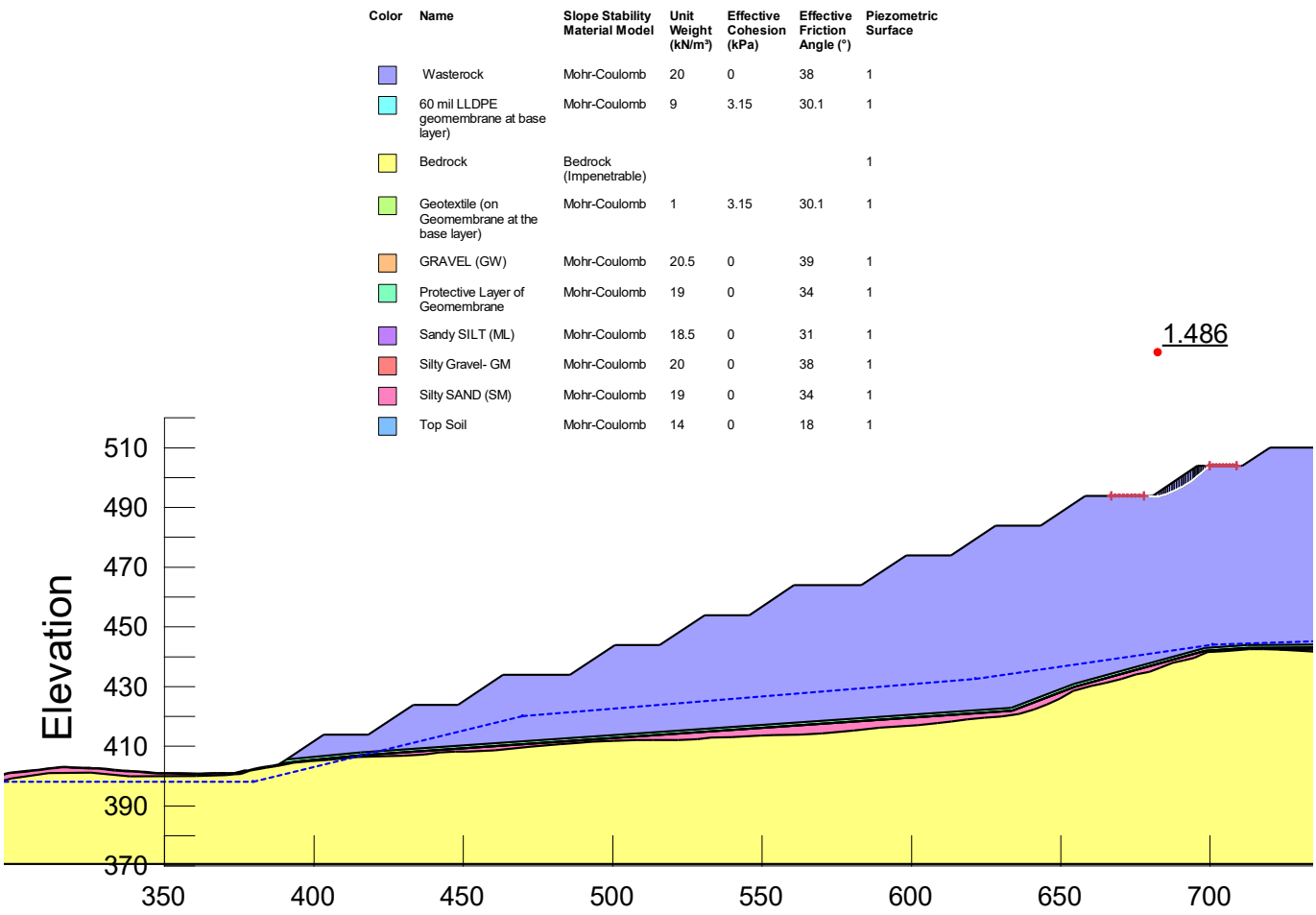


Figure A-26: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 2)

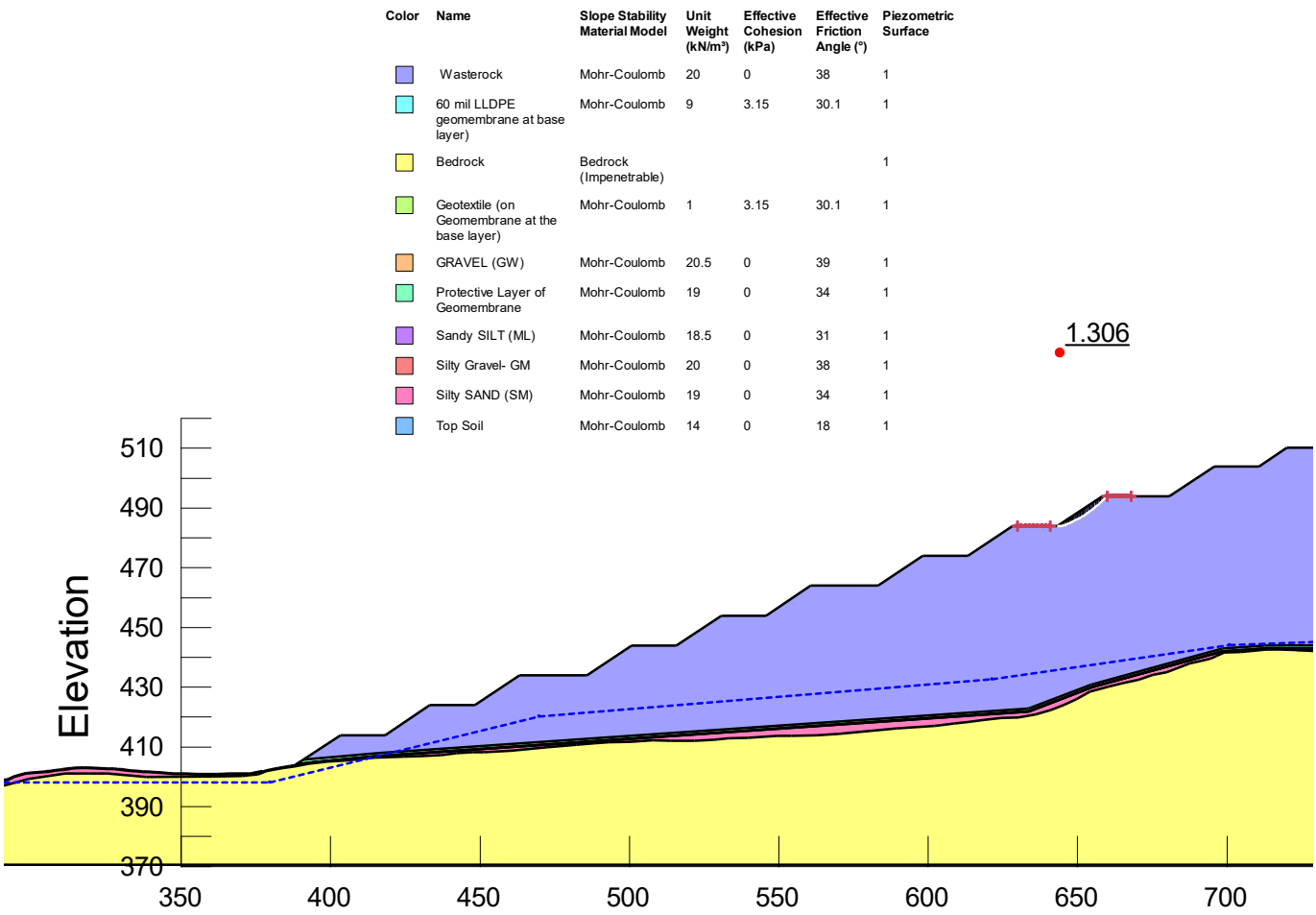


Figure A-27: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 3)

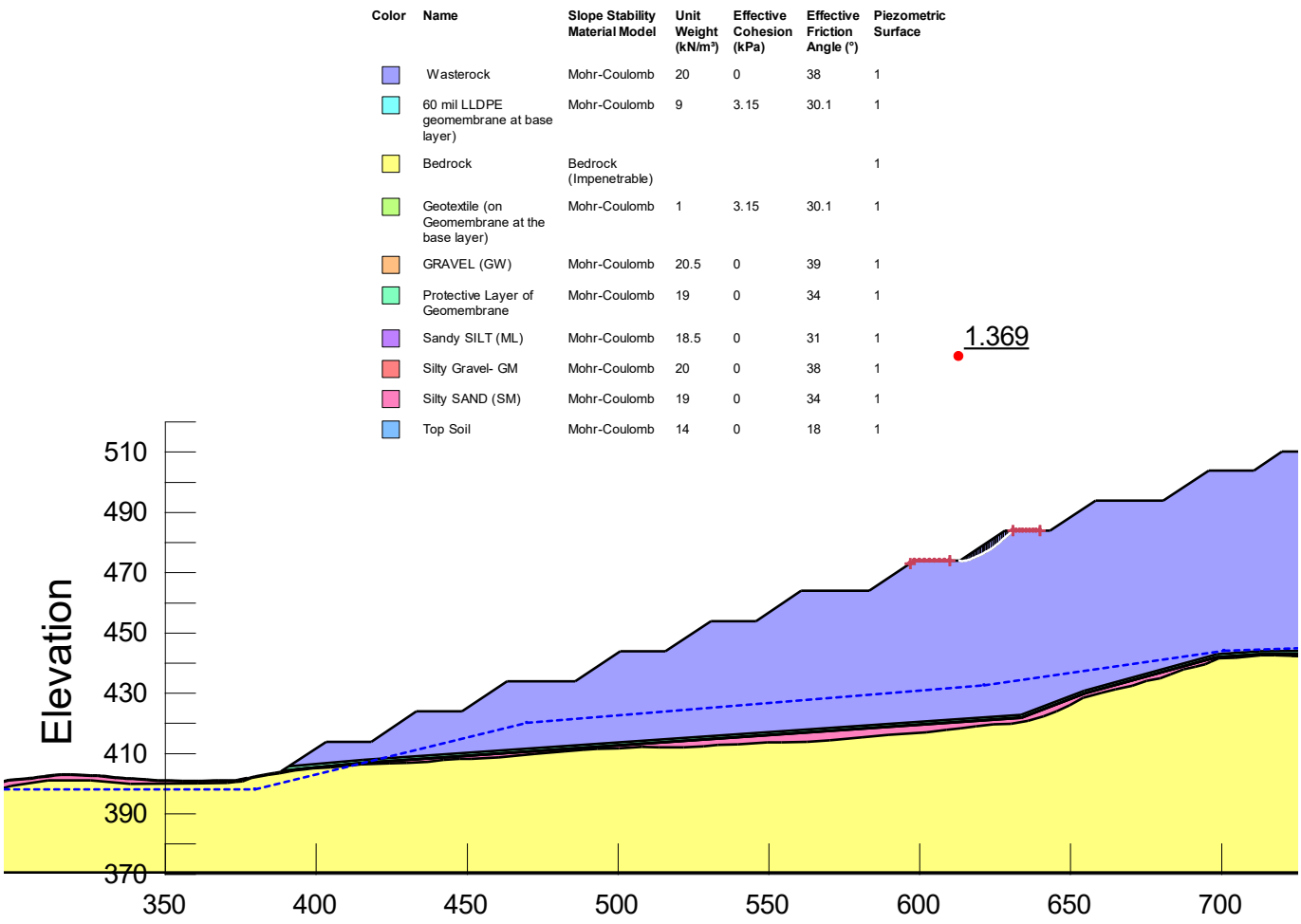


Figure A-28: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 4)

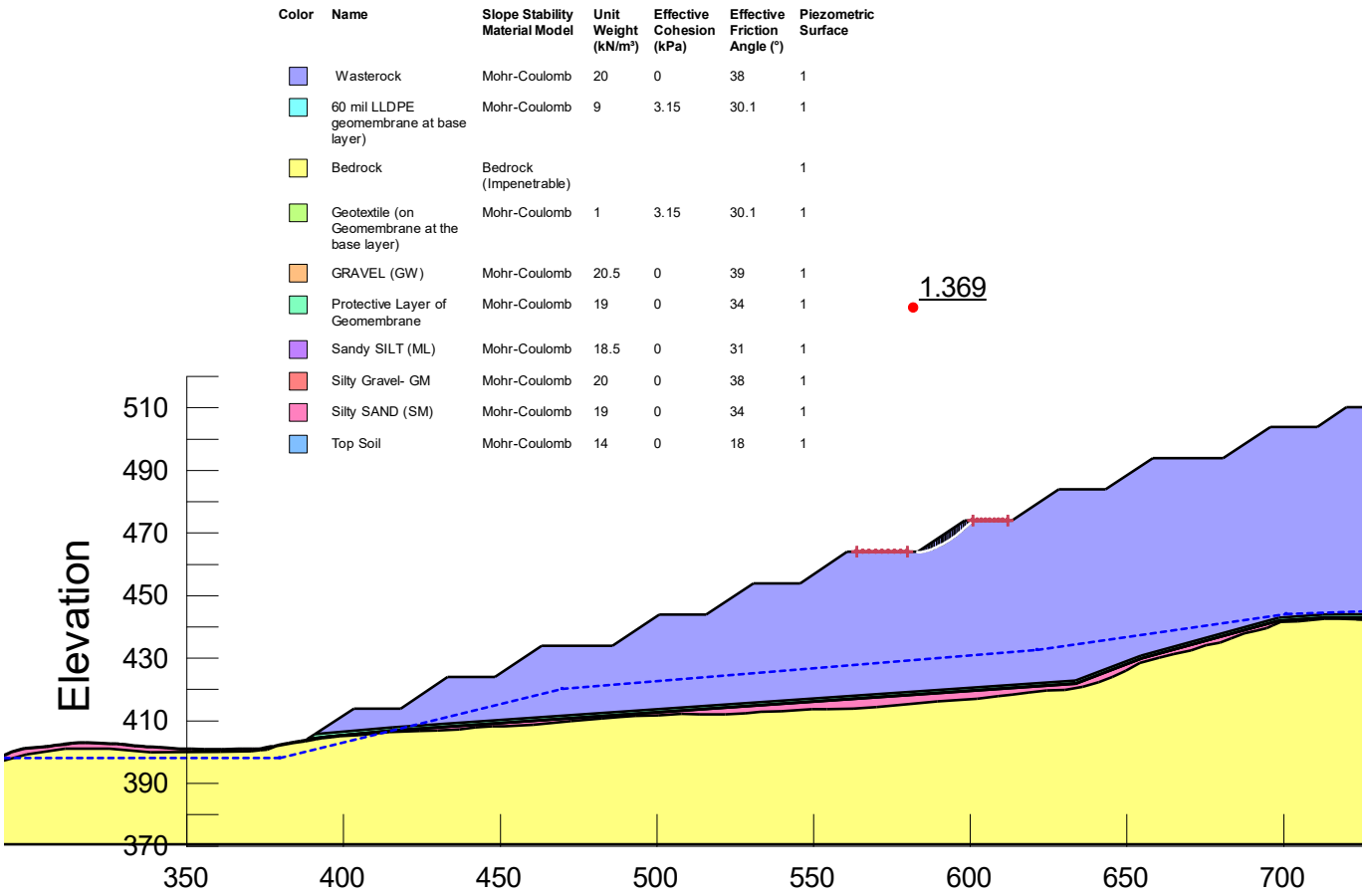


Figure A-29: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 5)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

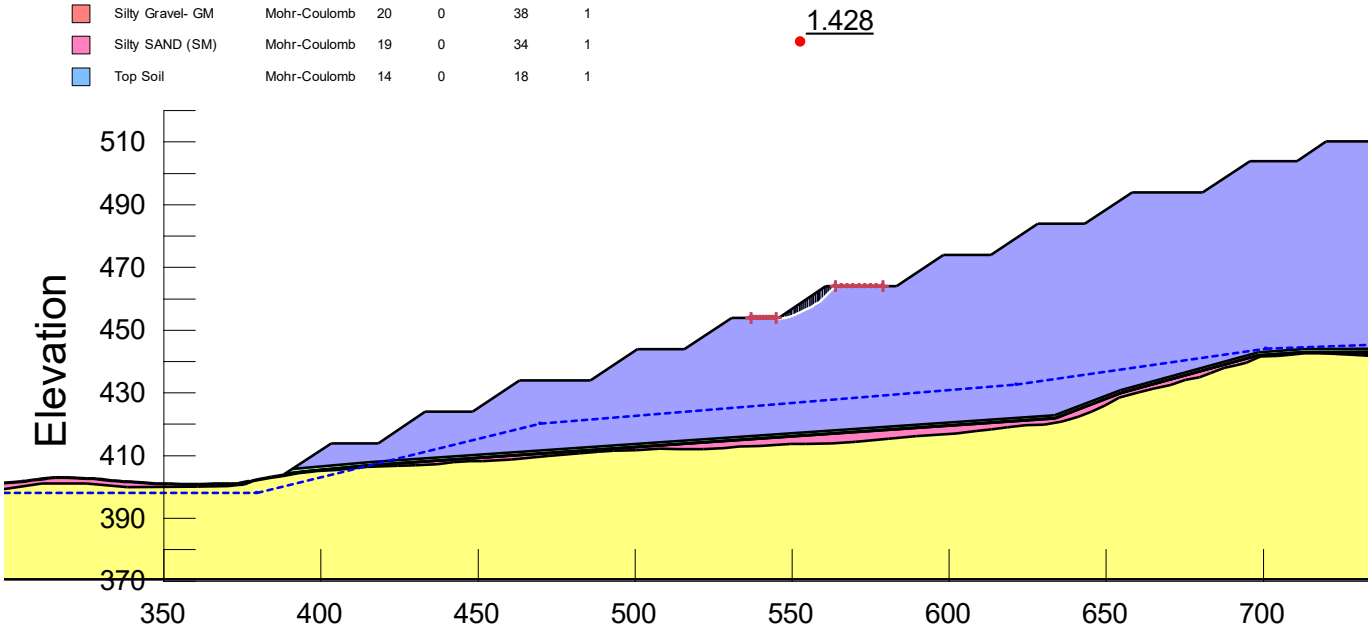


Figure A-30: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 6)

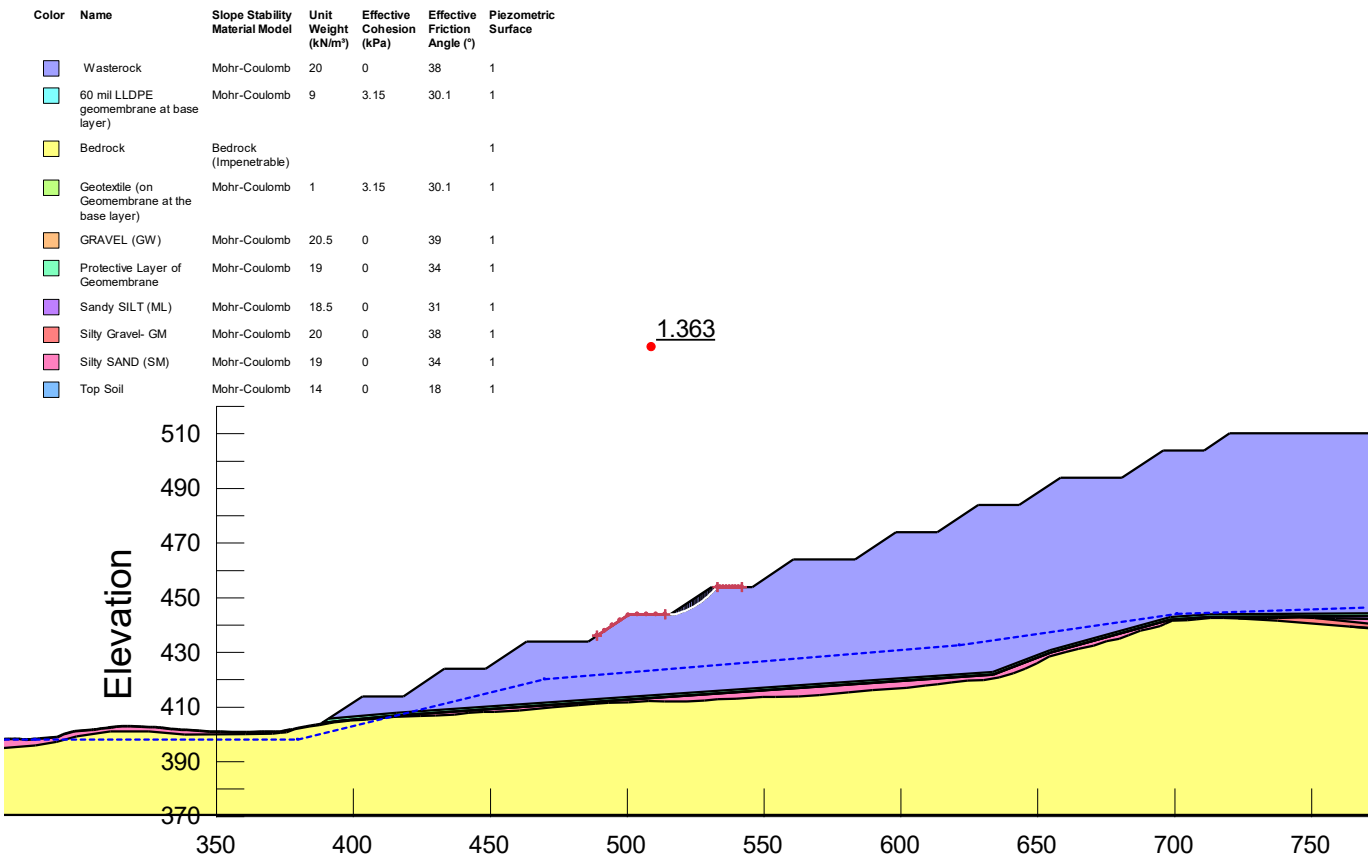


Figure A-31: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 7)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

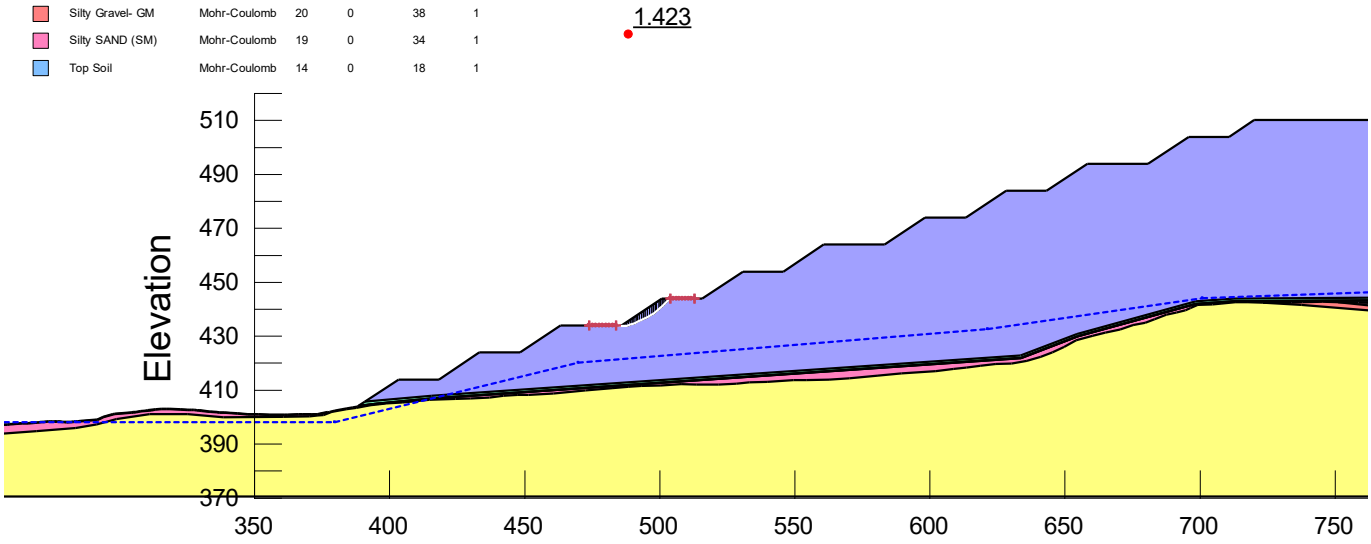


Figure A-32: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 8)

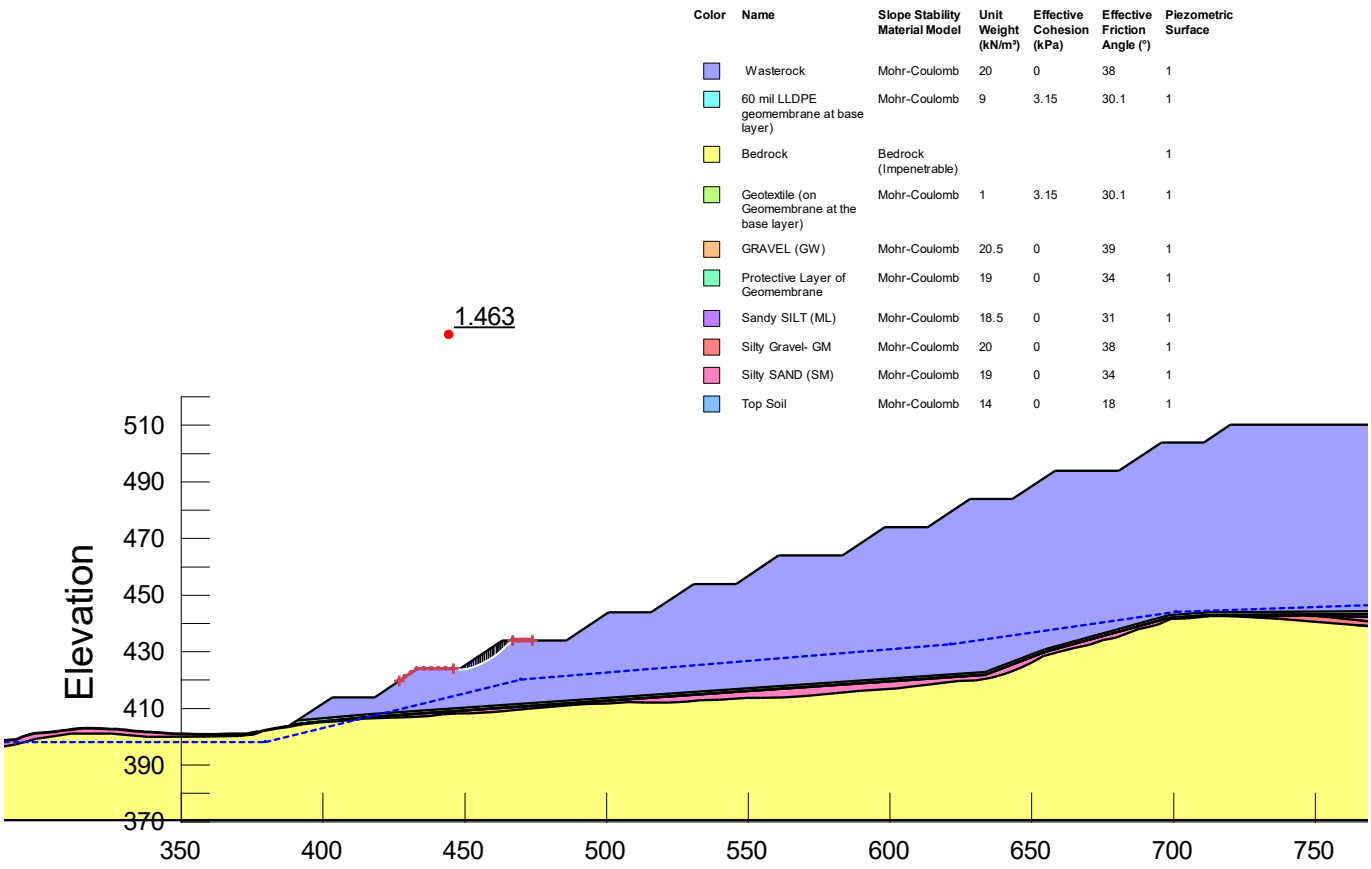


Figure A-33: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 9)

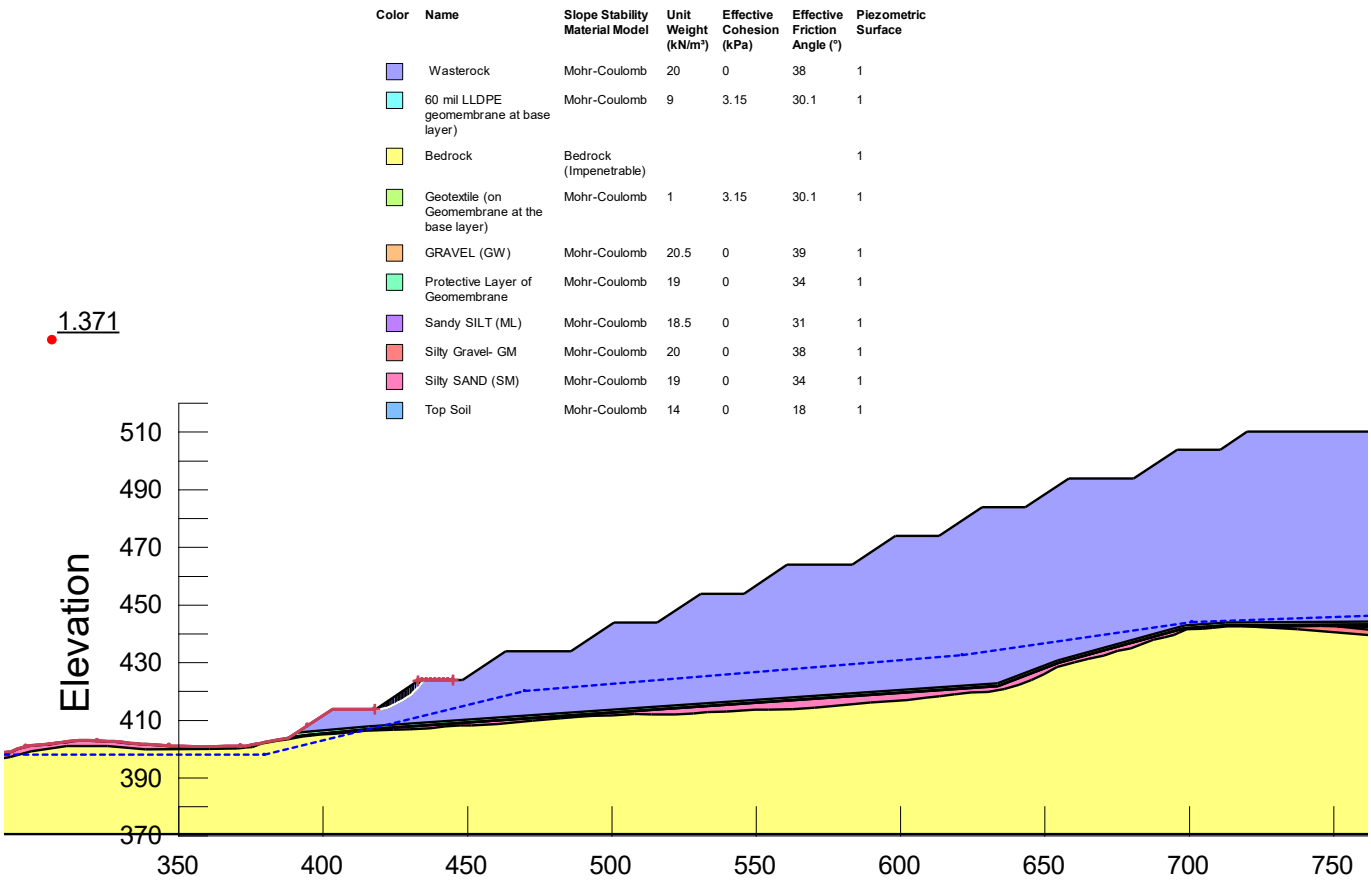


Figure A-34: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 10)

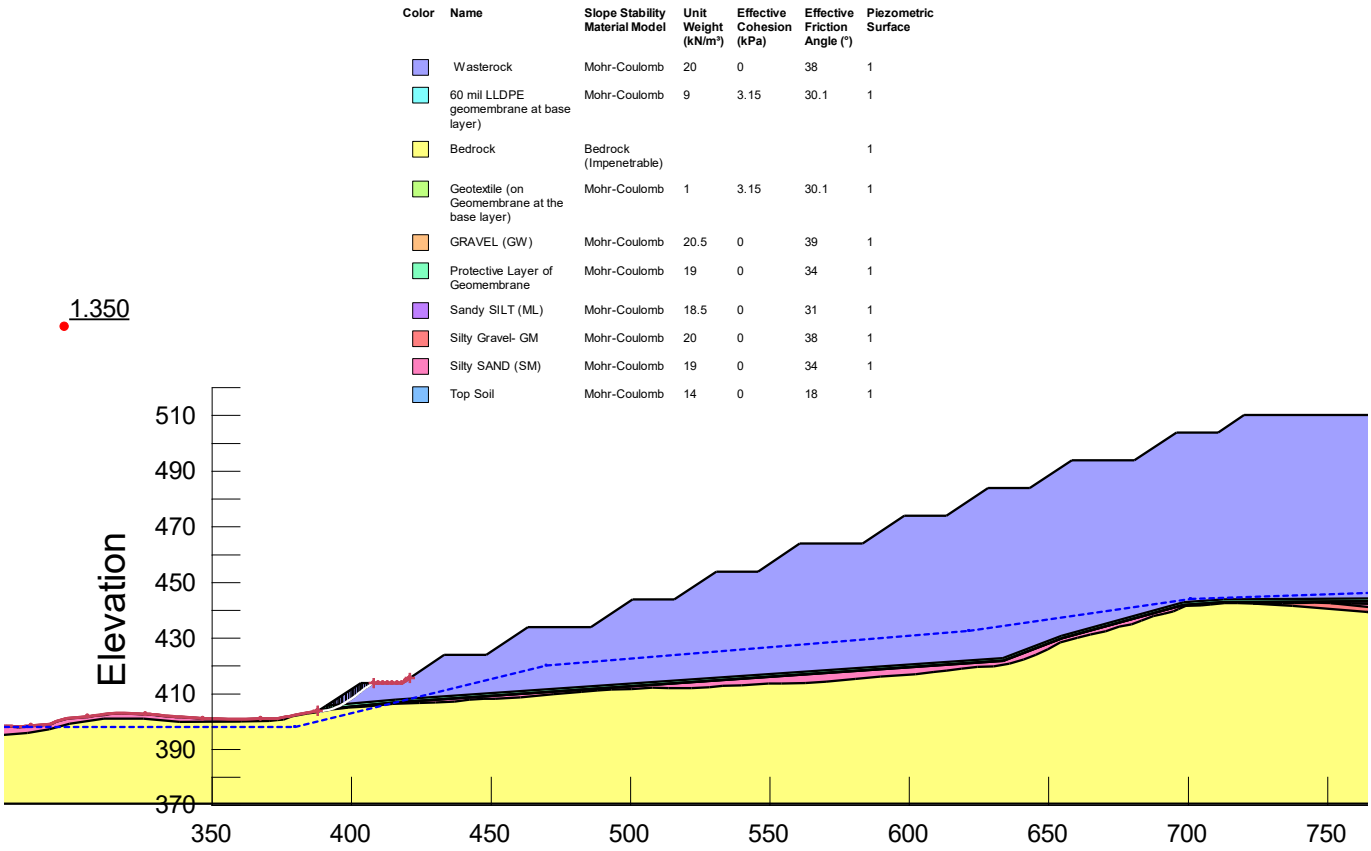


Figure A-35: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 11)

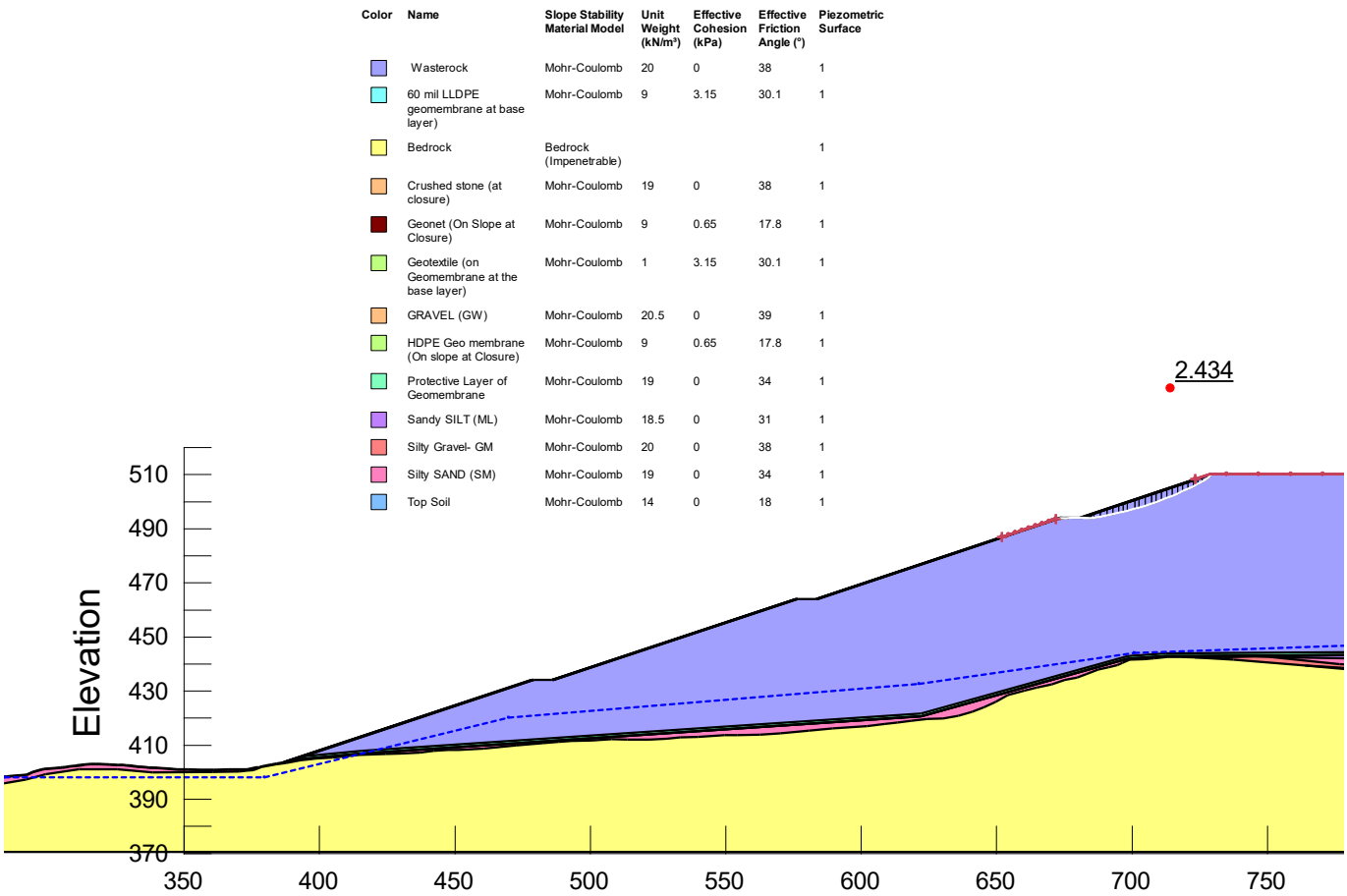


Figure A-36: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 1)

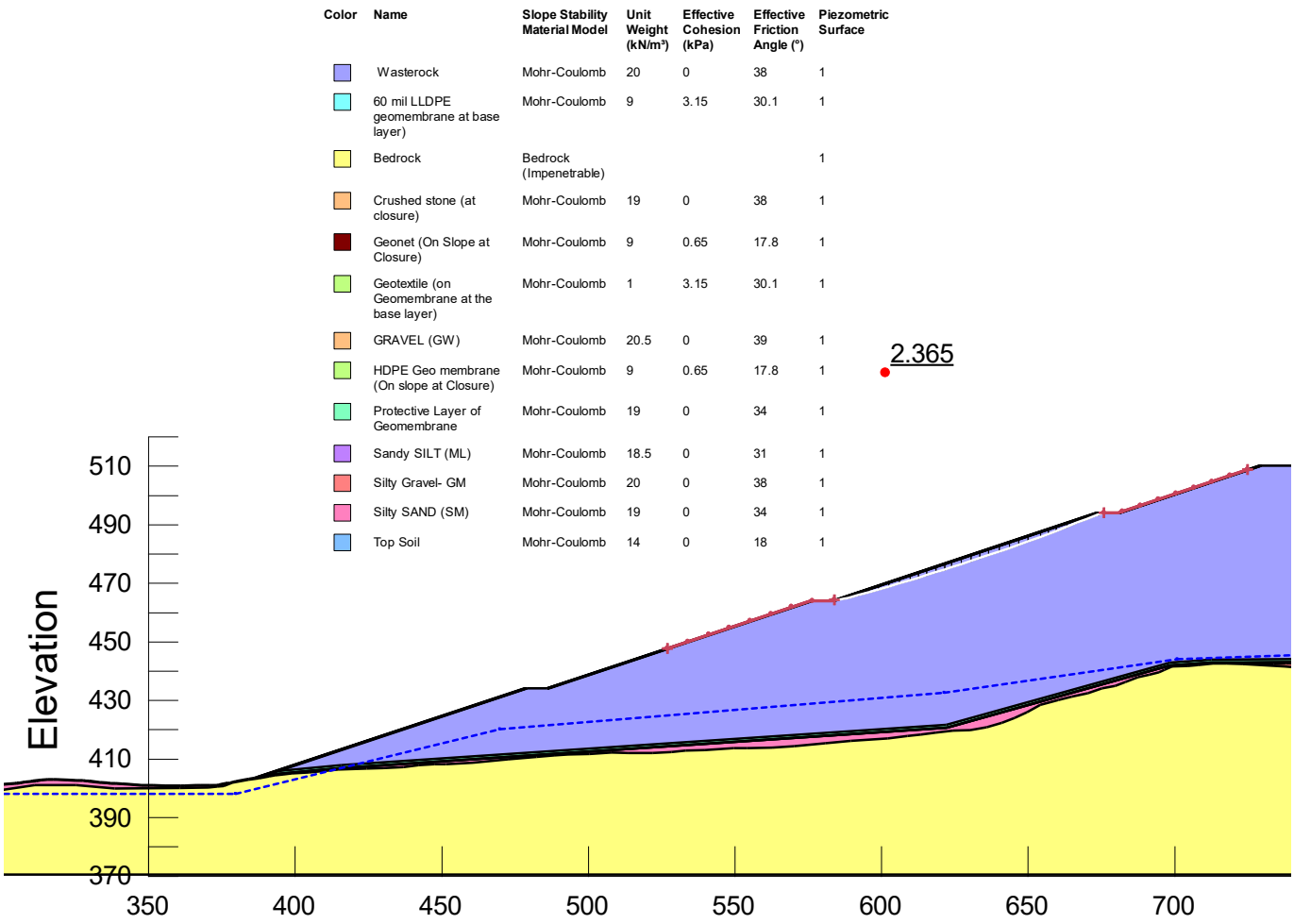


Figure A-37: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 2)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

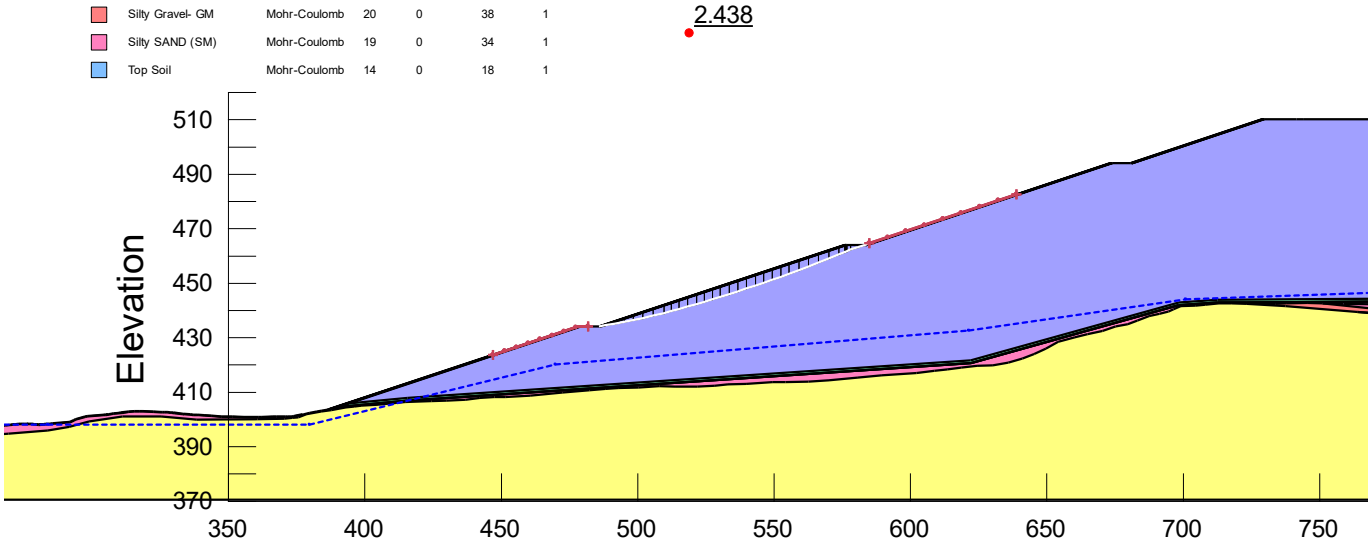


Figure A-38: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 3)

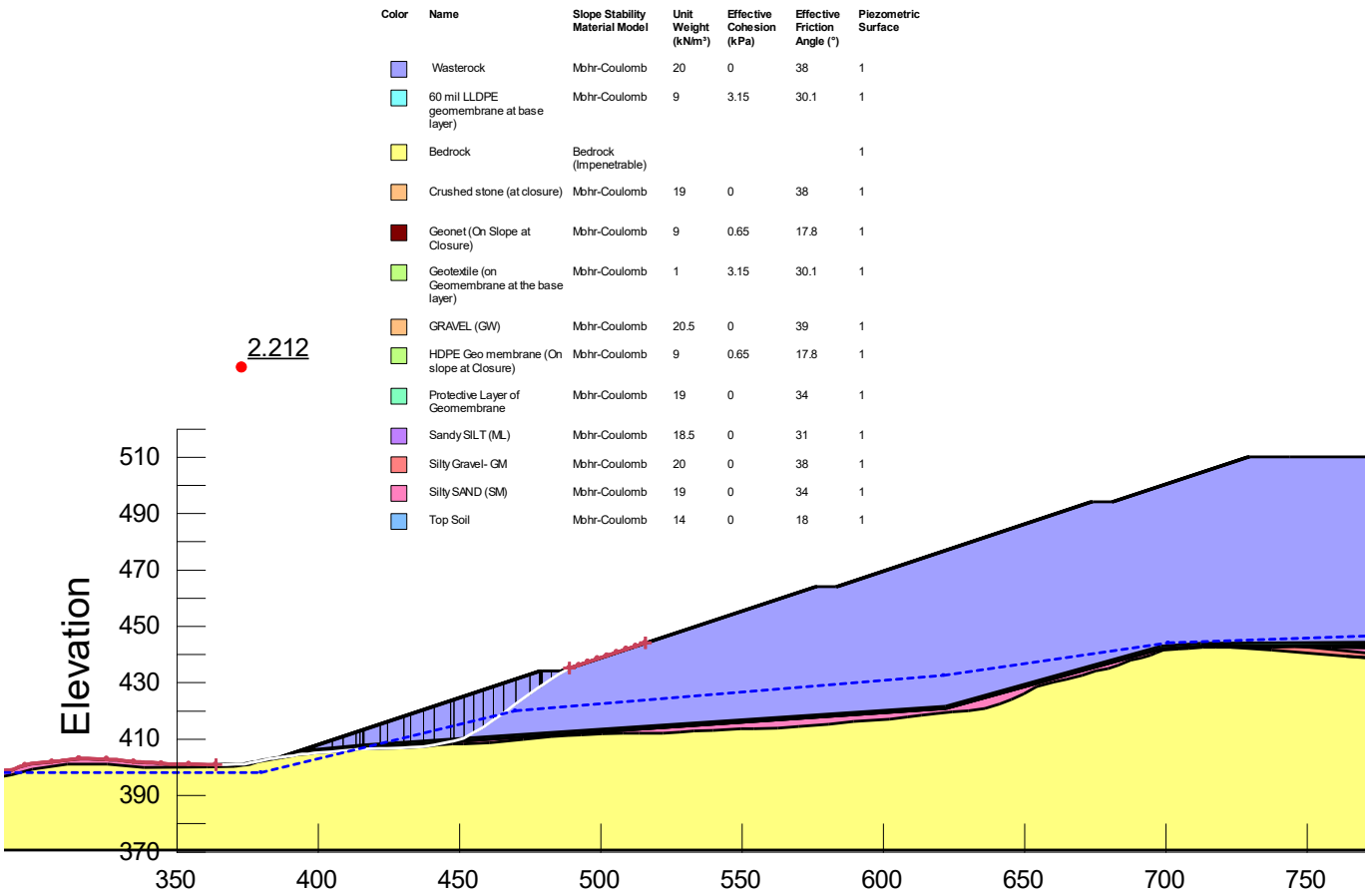


Figure A-39: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 4)

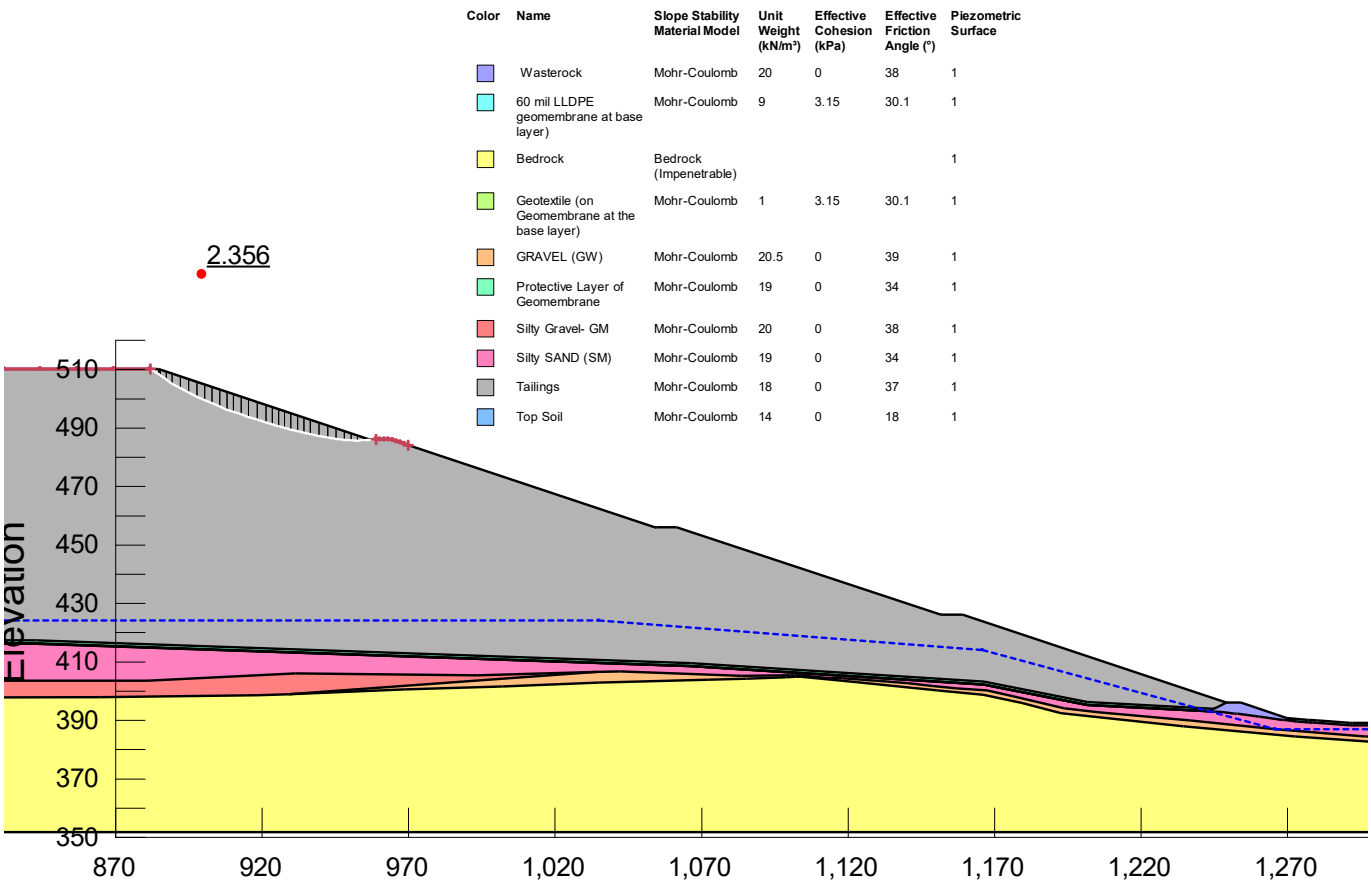


Figure A-40: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 1)

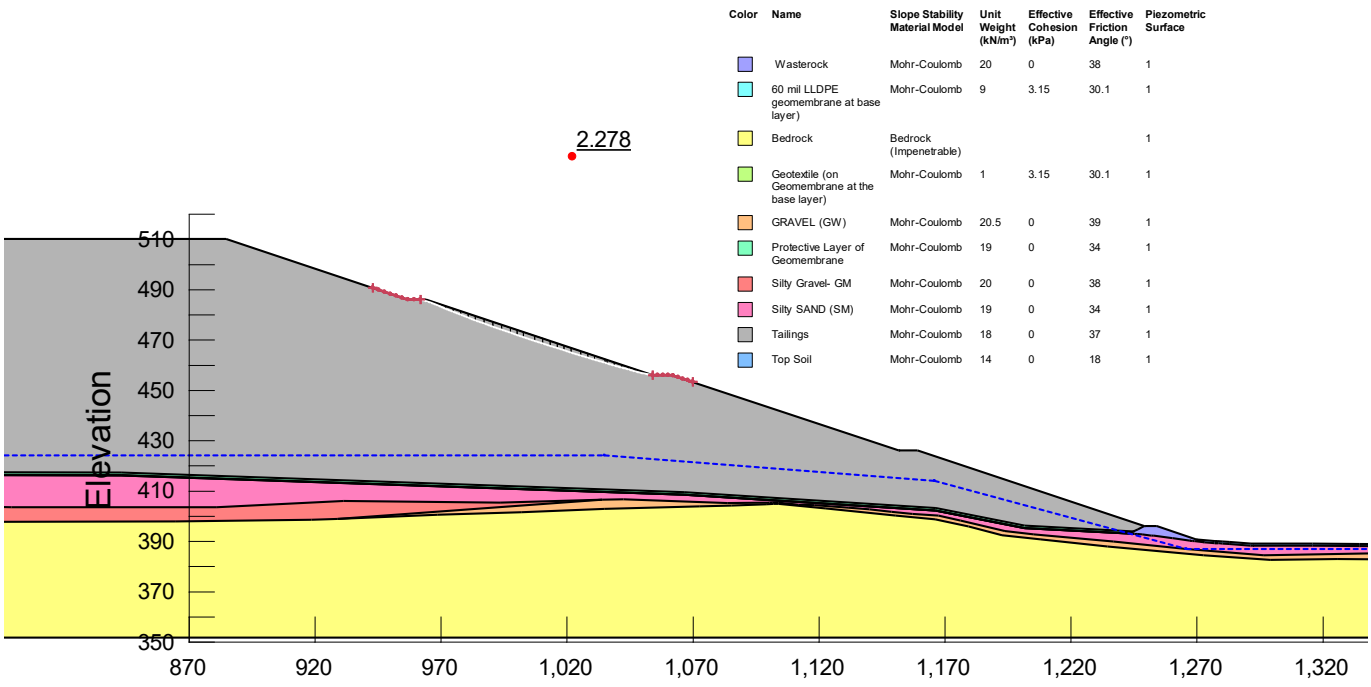


Figure A-41: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 2)

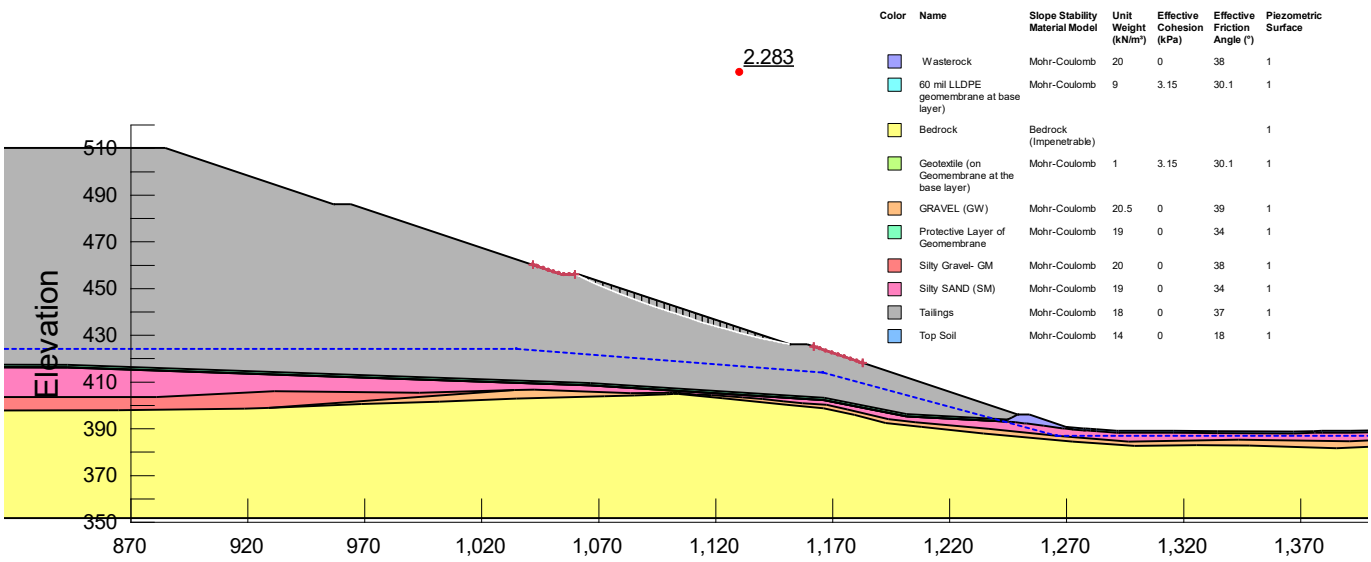


Figure A-42: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 3)

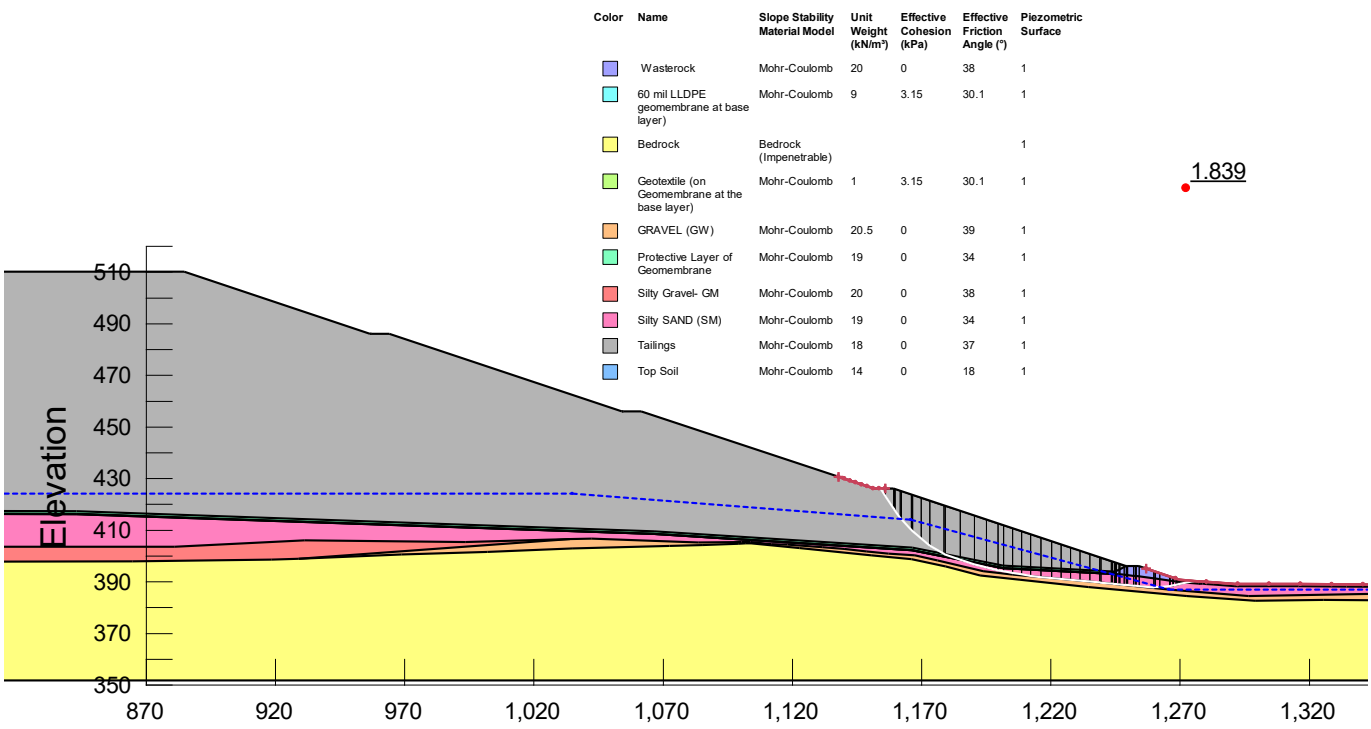


Figure A-43: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 4)

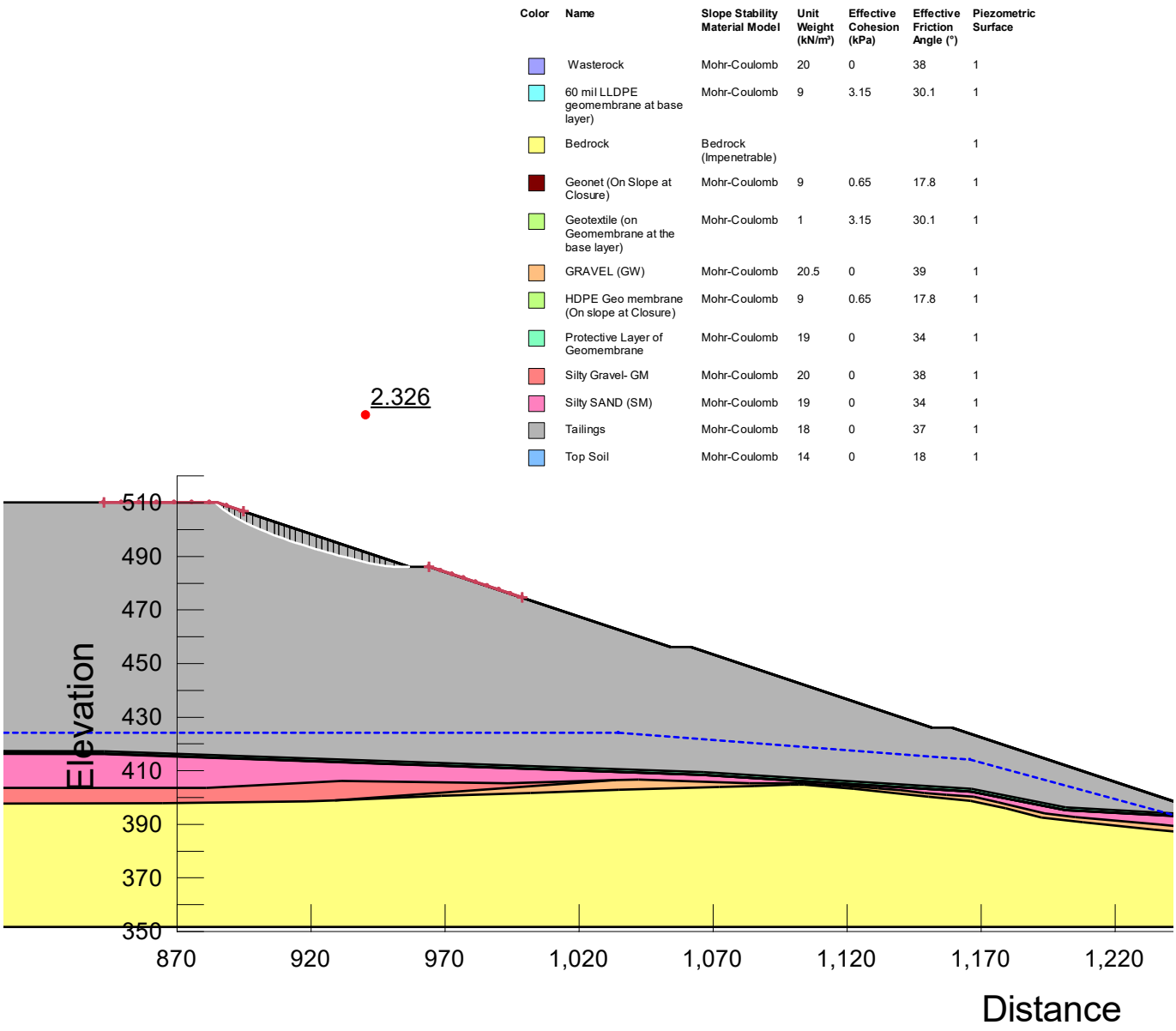


Figure A-44: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 1)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

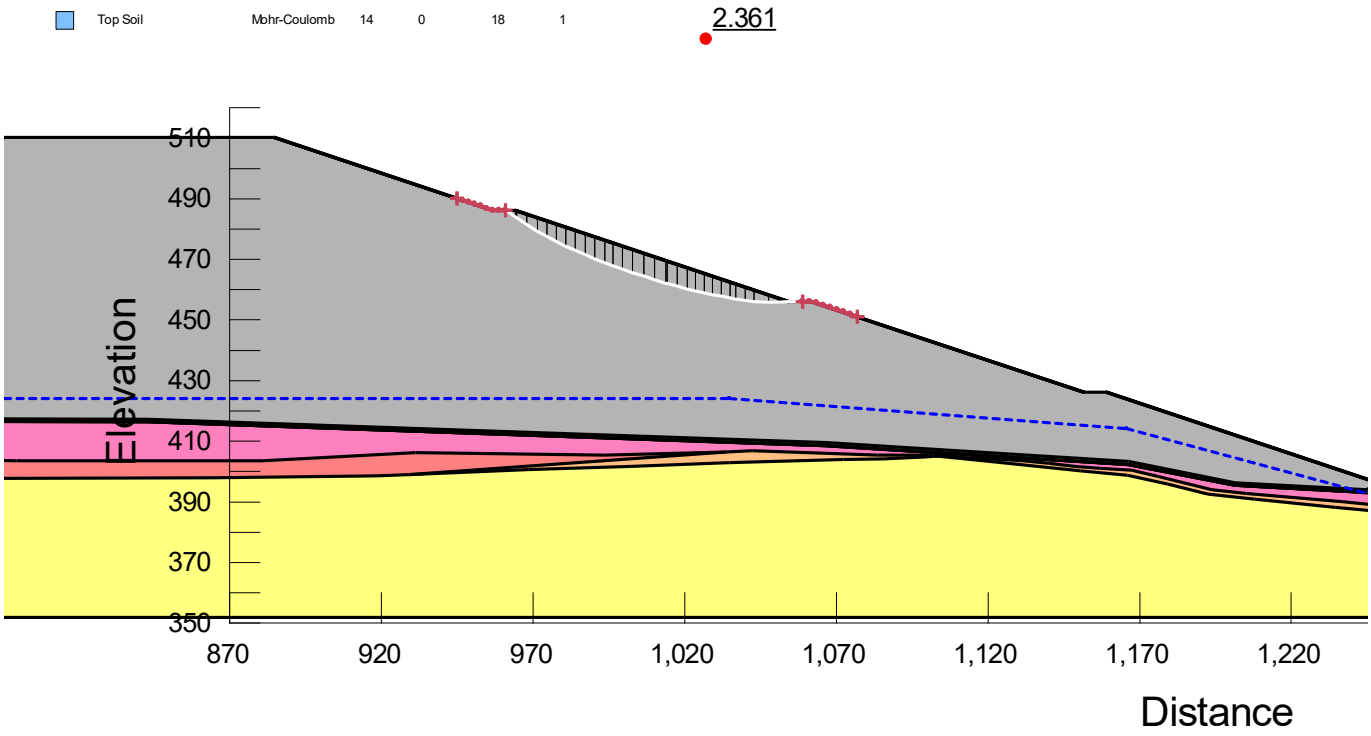


Figure A-45: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 2)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

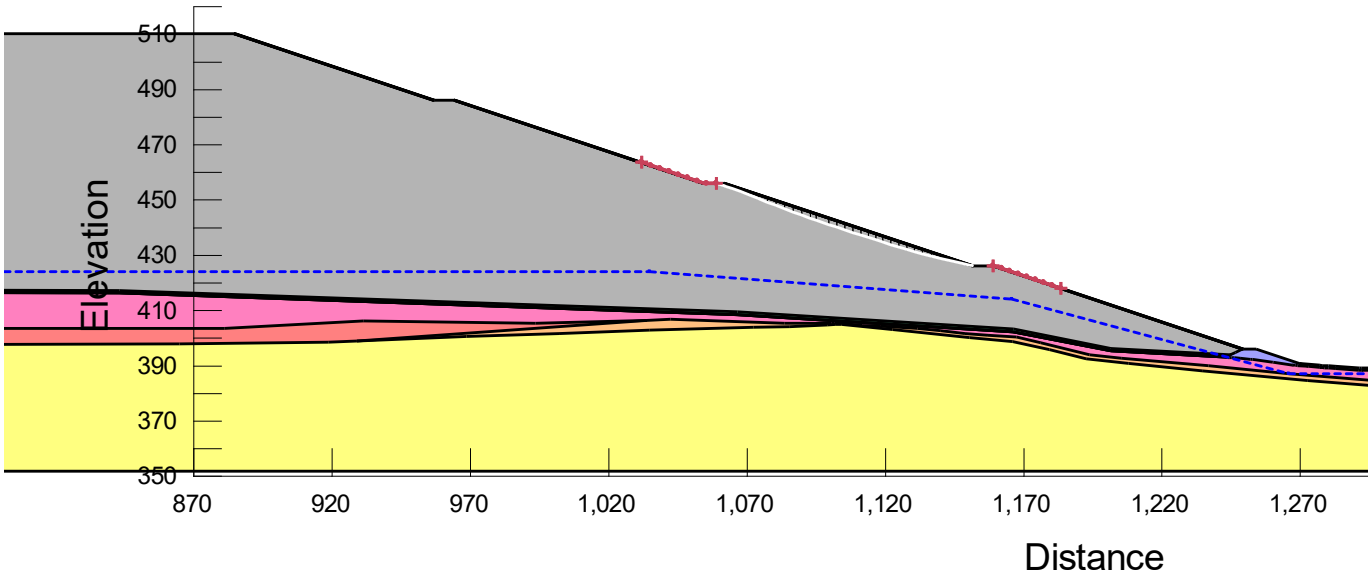


Figure A-46: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 3)

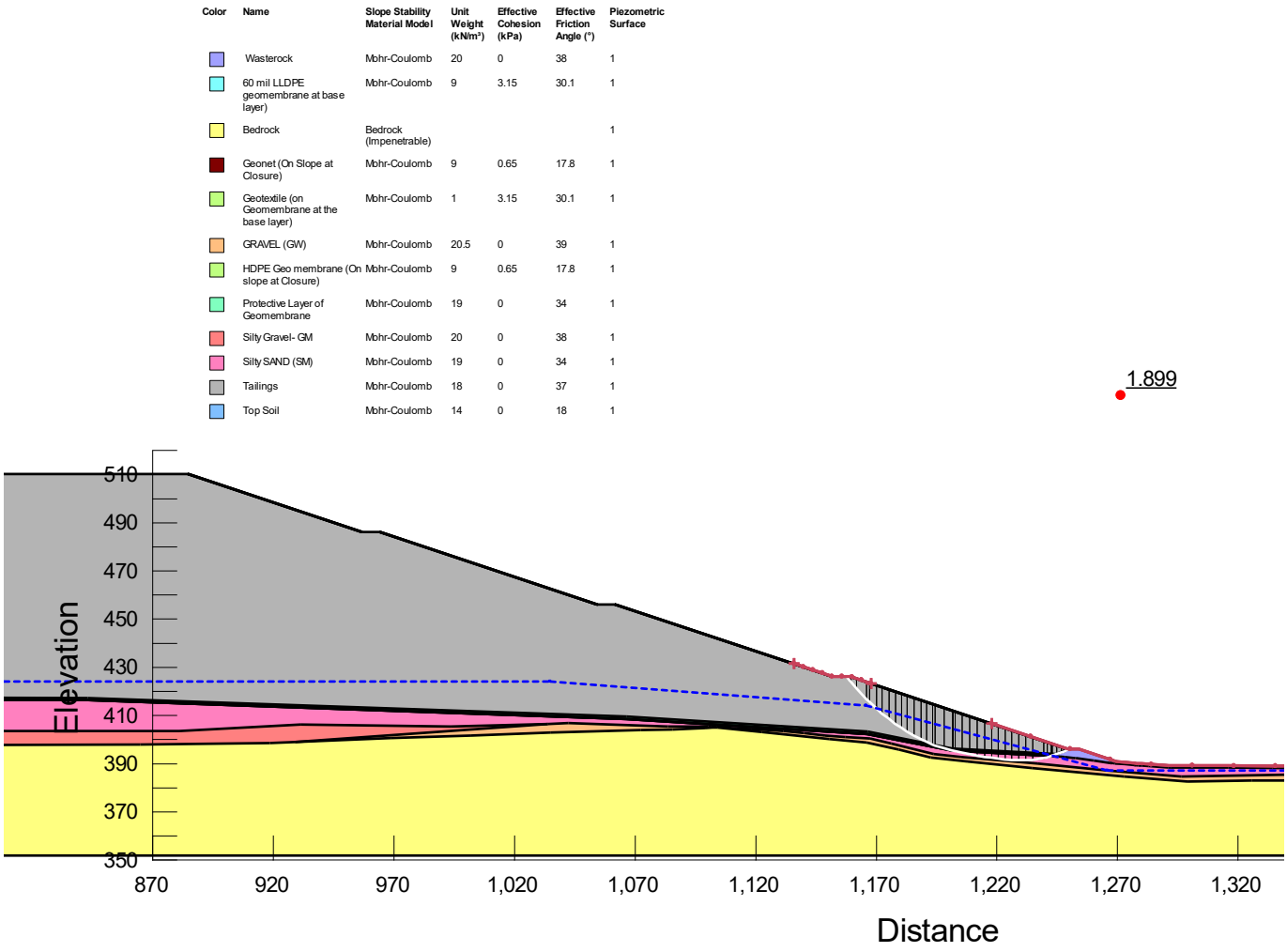


Figure A-47: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 4)

APPENDIX

5-9 BORROW PIT OPTIONS FOR INFRASTRUCTURE CONSTRUCTION

Innova Lithium Inc.

Projet Shaakichiuwaanaan

Baie-James, Qc.

Lettre-rapport

Options de bancs d'emprunt pour construction des infrastructures

N° document BBA / Rév. : 75350037-000000-40-ERA-0001-R01

19 mars 2026

FINAL

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HISTORIQUE DES RÉVISIONS

Révision	État du document – Description de la révision	Date
RAA	Pour commentaires	2026-03-13
R00	Final	2026-03-17
R01	Final-révision 1	2026-03-19

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Madame Cathryn Moffett,

Cette note technique présente les options privilégiées de bancs d'emprunt et de carrières potentielles pour la production de matériel en vue de la construction globale du projet Shaakichiuwaanaan sur le dépôt de lithium CV5 appartenant à Innova Lithium Inc. (PMET). Le document présente le contexte, les quantités requises ainsi que les options préliminaires identifiées et celles retenues. Cette sélection d'options sera conditionnelle à certains travaux de caractérisation, mais devrait permettre de construire l'ensemble du site.

1.1. Contexte

Innova a déposé son étude de faisabilité (FS) en novembre 2025. Le projet Shaakichiuwaanaan situé à la Baie-James nécessitera environ 1,3 Mm^3 de matériel afin de permettre la construction de l'ensemble du site (GMining Services, 2025). Cette évaluation complétée par GMining Services dans le cadre de la FS de 2025 n'a pas été vérifiée par BBA, mais l'ordre de grandeur est raisonnable compte tenu de la superficie totale affectée. Les volumes seront validés lors des prochaines étapes d'ingénierie qui seront réalisées au courant de 2026. Les quantités requises pour la construction des fondations (GMining Services, 2025) totalisent 1 593 000 m^3 (tableau 1).

Tableau 1. Quantités requises pour construction des fondations des infrastructures (GMining Services, 2025)

Infrastructures	Quantité requise (000m^3)
Routes – routes internes	164
Routes – accès à l'usine d'explosifs	16
Route d'accès (Trans-Taiga – CV5)	10
Phase 1 – route de halage	217
ROM pad à carrefour – route halage	46
ROM pad & mur du concasseur	74
Garage minier	185
Camp	25
Sous-station électrique	10
Entrepôt d'émulsion et dépôt d'explosifs	11
Usine de traitement des eaux	3

Infrastructures	Quantité requise (000m³)
Concentrateur	165
Zone d'entreposage extérieur	143
Pile 002 – route de halage	125
Pile 001 à carrefour	74
Accès pile de mort-terrain 004	152
Accès pile de mort-terrain 005	144
Phase 2 de la fosse	28
Total	1 593

Les quantités requises en tant que matériel en vrac peuvent être aussi bien du tout-venant de la mine ou de carrière ainsi que de banc d'emprunt en fonction de chaque type de construction. Pour les couches finales, de la roche concassée et de bonne dimension est requise.

1.2. Options initiales

Plusieurs carrières et dépôts de matériaux meubles ont été identifiés par la firme Poly-Géo et présentés en annexes (Poly-Géo, 2026).

1.2.1. Carrières potentielles

Pour ce qui est des carrières, 14 sites ont été identifiés le long de la route d'accès au site minier (figures 1 et 2 ainsi que l'Annexe A).

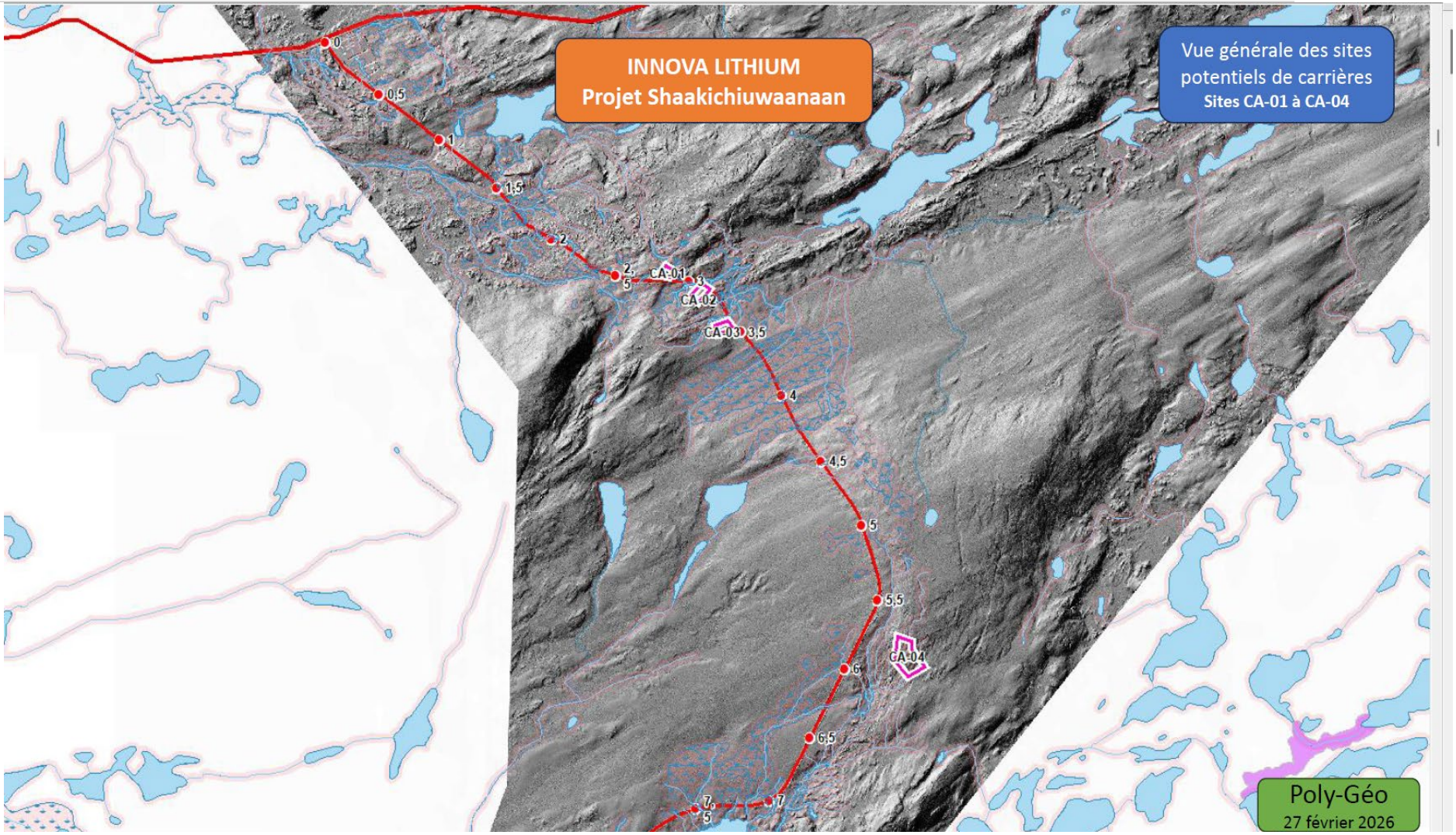


Figure 1. Carrières potentielles localisées entre km 1 et 8 (source : Poly-Géo, 2026)

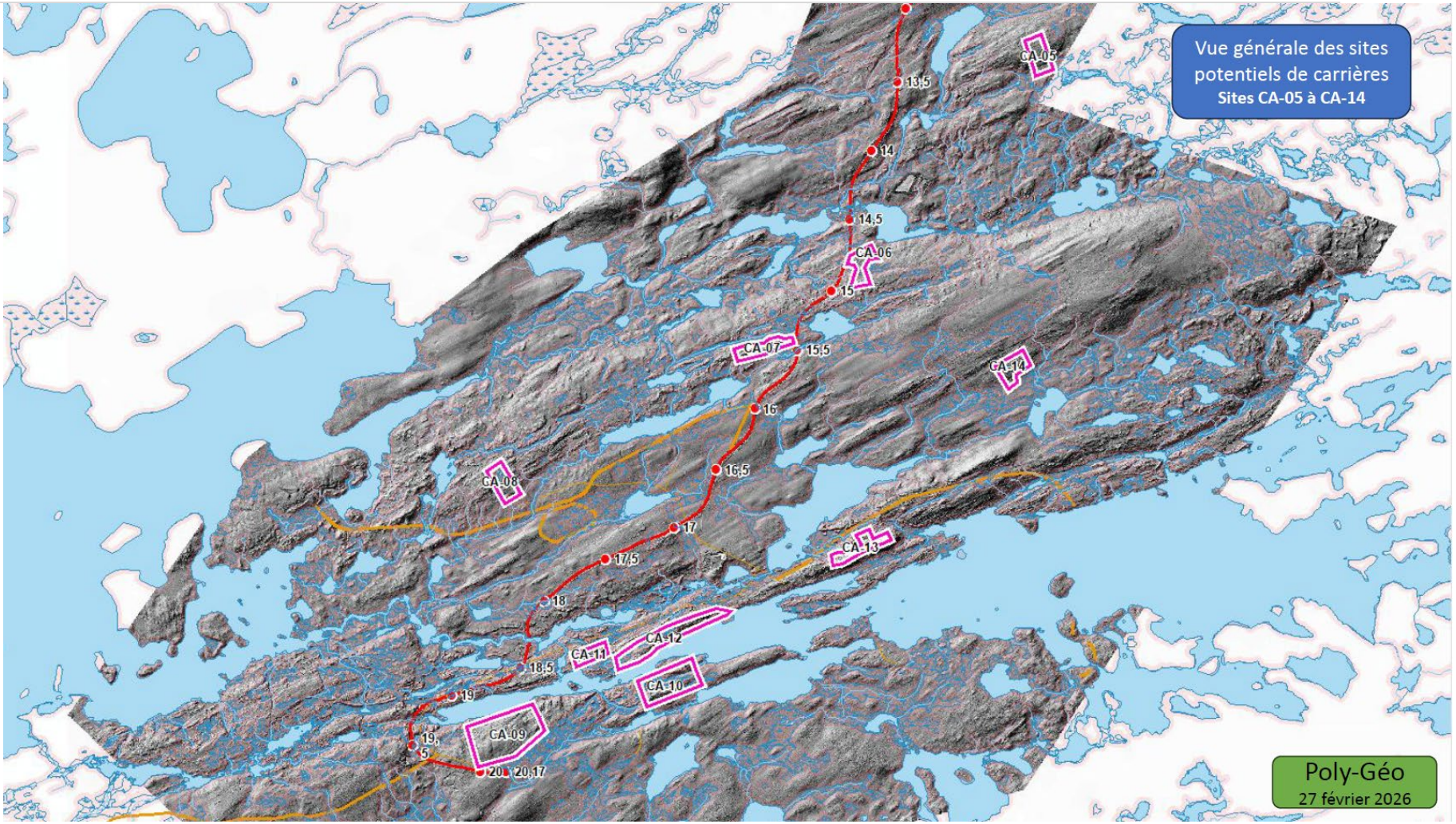


Figure 2. Carrières potentielles localisées entre km 13 et 20-site minier (source : Poly-Géo, 2026)

Pour les sites de carrières CA-1 à CA-4, leur potentiel en termes de volume est limité et ils sont situés loin du site minier. Pour les sites de carrières CA-9, CA-10, CA-11, CA-12 et CA-13, ils se retrouvent dans l'empreinte de la future fosse minière ou tout près et sont tous très proches du lac 001. Toutefois, les études de caractérisation géochimique effectuées pour le secteur minéralisé du site minier montrent que certaines lithologies (surtout les ultramafiques) présentent des potentiels de lixiviation des métaux, surtout en ce qui concerne l'arsenic.

Ainsi, il est envisageable qu'une partie de ces volumes ne soient pas utilisables pour fins de construction à moins qu'il puisse être démontré qu'une ségrégation des roches ultramafiques peut être réalisée sur le terrain ou que les matériaux de ces carrières ne contiennent qu'une proportion très faible de roches ultramafiques.

L'utilisation de matériaux pouvant lixivier l'arsenic pour des fins de construction a d'ailleurs constitué une problématique importante pour l'acceptation du projet Lithium Baie-James par le MELCCFP.

De plus, l'accès à ces sites sera difficile au début du projet en raison de la topographie et des plans d'eau. Il a donc été convenu de prioriser les sites CA-05, CA-06, CA-07, CA-08 et CA-14.

Le tableau 2 présente les quantités initiales estimées pour les carrières 1 à 14 :

Tableau 2. Volume potentiel initial estimé pour les 14 carrières identifiées (source : Poly-Géo, 2026)

# Carrière potentielle	Volume estimé (000m^3)
CA-01	10
CA-02	25
CA-03	30
CA-04	100
CA-05	225
CA-06	100
CA-07	125
CA-08	150
CA-09	900-1 500
CA-10	125-150
CA-11	50
CA-12	100 à 200

# Carrière potentielle	Volume estimé (000m³)
CA-13	100
CA-14	200
Total	2 240 à 2 965

Les volumes ont été estimés en considérant la limite d'élévation de la nappe phréatique selon les plans d'eau avoisinants avec une certaine marge de sécurité. Les volumes initiaux considèrent également une limite de trois hectares pour les sites situés en dehors de la future empreinte de la fosse minière.

En conservant seulement les sites CA-05, CA-06, CA-07, CA-08 et CA-14, le volume atteint est de 800 000 m³, ce qui est insuffisant pour les besoins de construction du projet entier. Il a donc été considéré de ne pas se limiter à la surface de trois hectares pour les trois sites ayant le meilleur potentiel, soit les sites CA-05, CA-08 et CA-14, qui sont présentés plus en détail à la section 1.3.

1.2.2. Dépôts meubles

Pour les bancs d'emprunt de dépôts meubles, les options semblent limitées selon l'interprétation de PolyGéo. Les bancs d'emprunt potentiels présentés à la figure 3 (ainsi qu'à l'Annexe B) sont localisés entre les km 8.5 et 9.5. Les sites DG-04 et DG-06 sont les plus prometteurs avec des volumes potentiels de 20 000 m³ et 500 000 m³ respectivement.

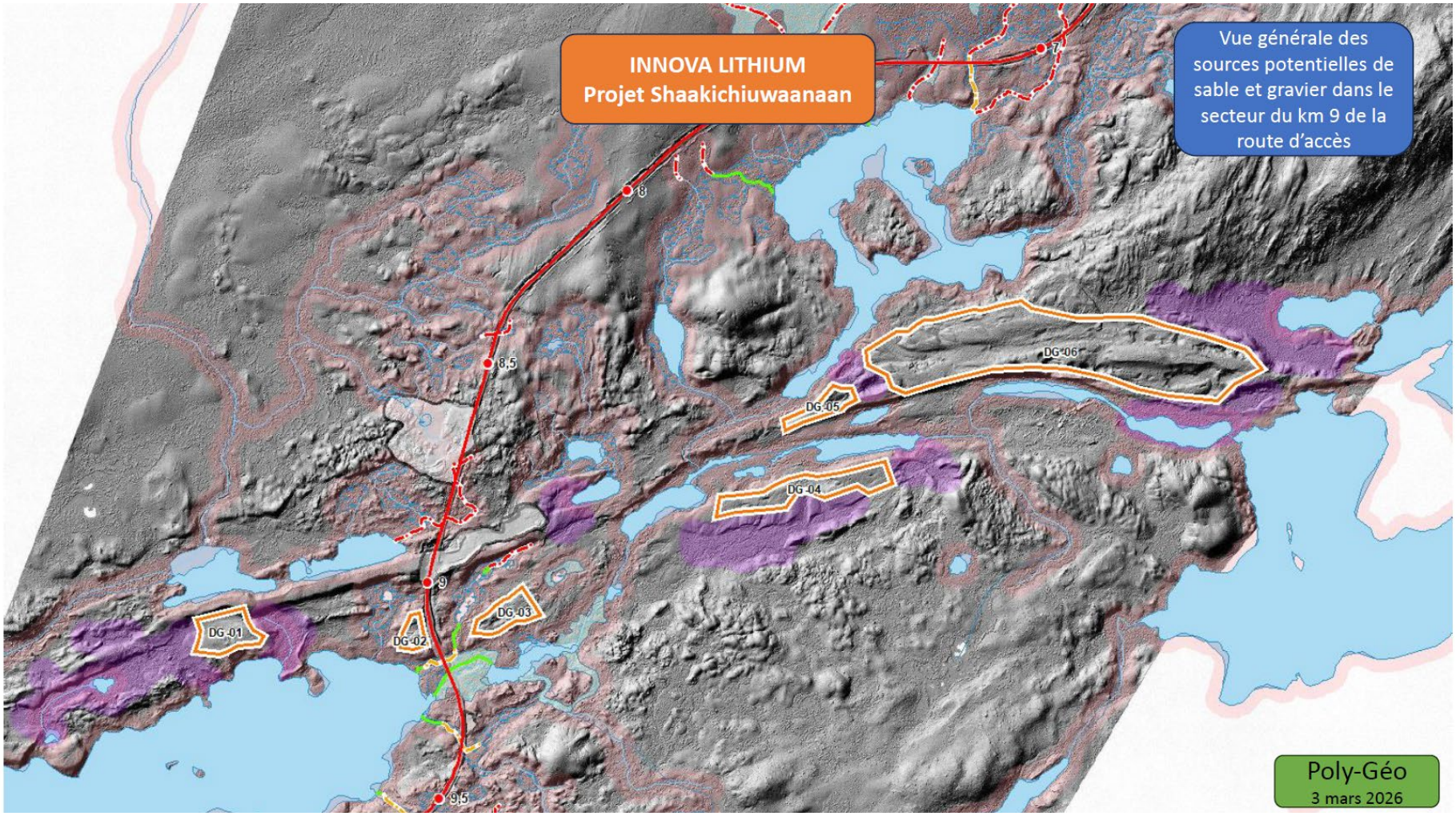


Figure 3. Sablières/gravières potentielles entre km 8.5 et 9.5 (source : Poly-Géo, 2026)

Le tableau 3 présente les volumes potentiels pour les bancs de dépôts meubles.

Tableau 3. Volume potentiel estimé pour les bancs de dépôts meubles (source : Poly-Géo, 2026)

# Dépôt de sable/gravier potentiel	Volume estimé (000m^3)
DG-01	15
DG-02	5
DG-03	8
DG-04	20
DG-05	10
DG-06	500
Total	558

1.3. Options présélectionnées des carrières

BBA et Poly-Géo ont optimisé la sélection des sites potentiels de carrières pour tenir compte de la séquence du projet et de la réalité du terrain. Suite à l'optimisation des dépôts CA-05, CA-08 et CA-14 (figure 4), les volumes de ces trois dépôts ont augmenté significativement pour atteindre les volumes suivants (tableau 4).

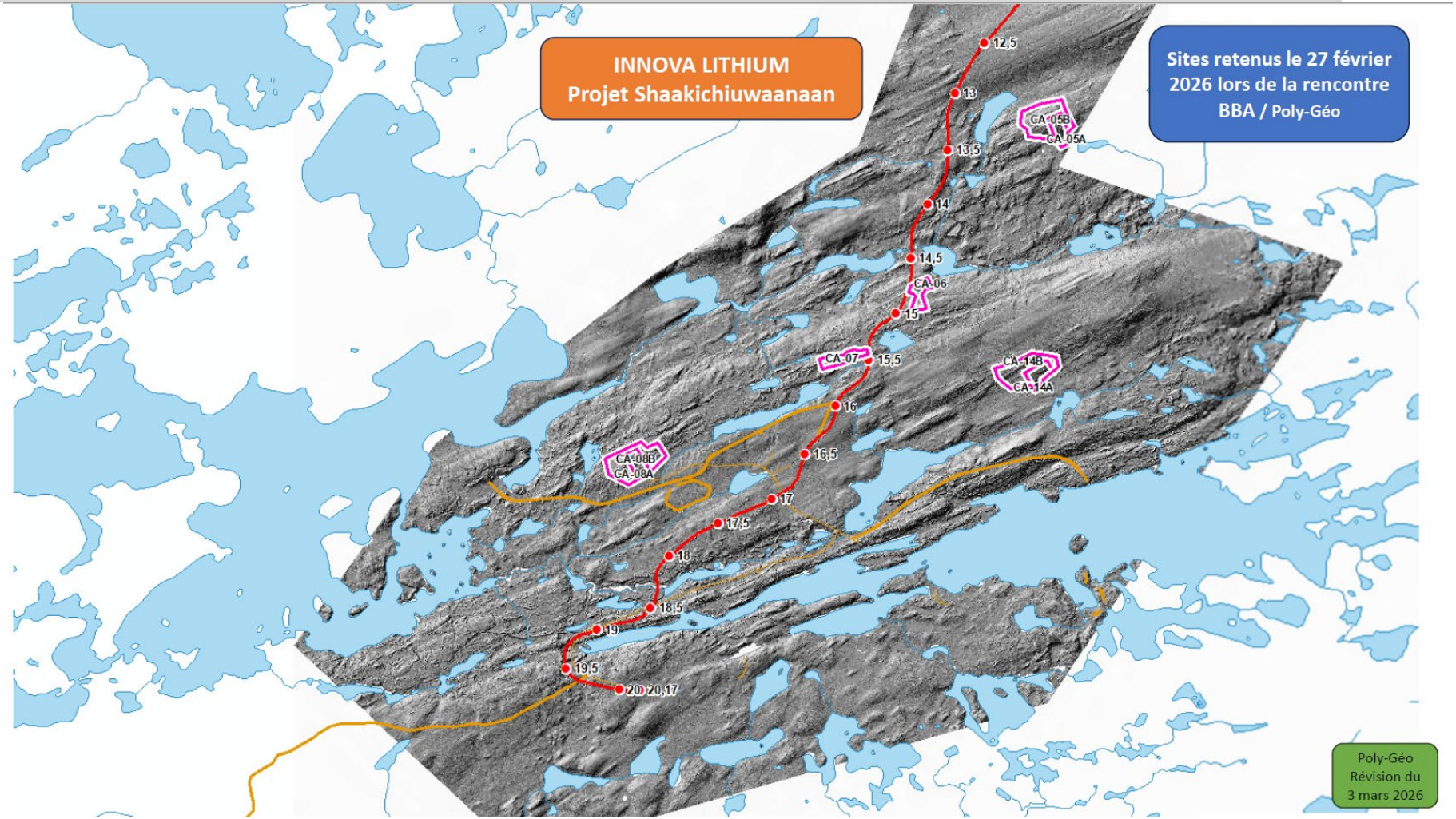


Figure 4. Carrières présélectionnées maximisées localisées entre km 13 et 20-site minier (source : Poly-Géo, 2026)

Tableau 4. Volume potentiel maximisé estimé pour les carrières présélectionnées (source : Poly-Géo, 2026)

# Carrière maximisée	Volume estimé (000m³)
CA-05	800 à 1000
CA-06	200
CA-07	125
CA-08	450
CA-14	750
Total	**2 325 à 2 525**

Ce volume ajouté à celui du banc de dépôt meuble DG-06 est suffisant pour les besoins de construction du projet dans son ensemble puisqu'il atteint près de 3 Mm³ et est supérieur au besoin total.

1.4. Caractérisation des bancs d'emprunt et des carrières

Certaines informations relatives à la géochimie sont disponibles pour les roches consolidées pouvant être rencontrées dans les carrières suggérées au niveau de la future fosse. Par ailleurs, une caractérisation de bruit de fond initial des sols a été réalisée par BBA en 2024. Les sols (dépôts meubles) au droit des futures infrastructures ont été caractérisés. Le programme d'échantillonnage des sols s'est concentré sur les zones situées à proximité de la route existante, faciles d'accès et adjacentes aux bancs d'emprunt existants. Les résultats obtenus pour certains des autres sites caractérisés montrent des contenus en arsenic dépassant le critère A pour l'arsenic. Toutefois, un tel dépassement a aussi été observé pour des stériles qui n'ont pas montré de potentiel de lixiviation de l'arsenic lors de la caractérisation géochimique.

Cependant, les bancs d'emprunt et carrières du secteur de la future fosse sont exclus des sites présélectionnés dans la présente lettre-rapport.

Par conséquent, les autres sites de bancs d'emprunt et de carrières devront être investigués davantage pour confirmer et mieux comprendre le comportement géochimique, ce qui pourrait réduire le volume total disponible. En même temps, l'identification des niveaux des nappes phréatiques sera identifiée et permettra de définir les volumes réellement disponibles.

1.5. Empreintes des piles 001 et 002

Les carrières CA-08 et CA-14 ont été maximisées en considérant qu'ils se retrouvent dans les empreintes futures des piles de stériles 001 et 002. Ces emplacements faisant partie de l'emprise globale du projet futur, il n'y aura pas d'impact additionnel en agrandissant ces carrières. En fait, le creusage de ces carrières permettra d'augmenter la capacité d'entreposage des haldes.

1.6. Conclusion

Les volumes de matériaux disponibles des carrières et bancs d'emprunt présélectionnés sont supérieurs au besoin pour la construction du projet. Toutefois, des investigations supplémentaires sont requises pour permettre de préciser les volumes réellement disponibles.

Nous espérons que le contenu de cette lettre-rapport vous donnera satisfaction. Si vous désirez obtenir de plus amples informations, nous vous prions de communiquer avec les signataires de la présente lettre-rapport.

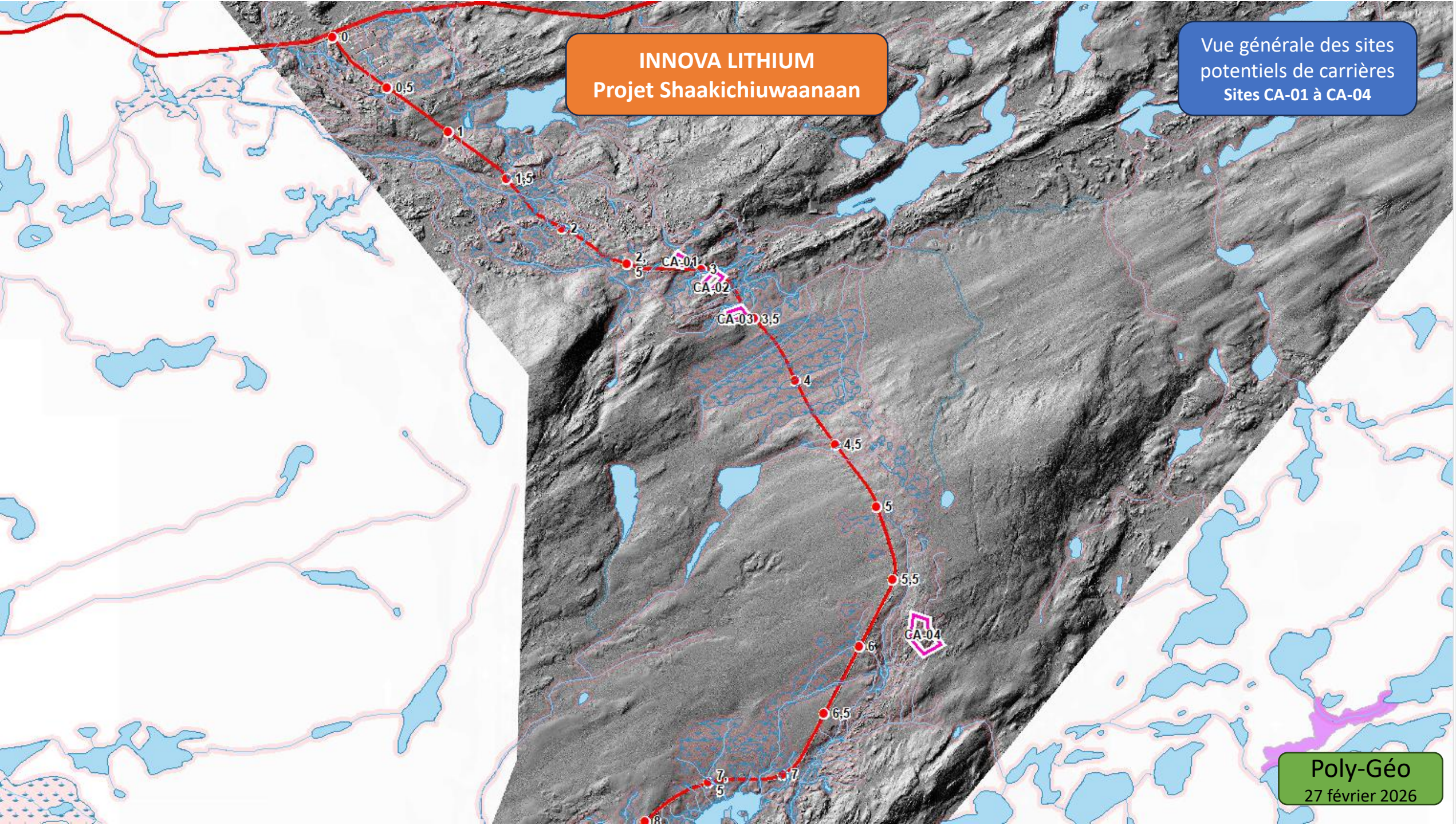
BBA inc.

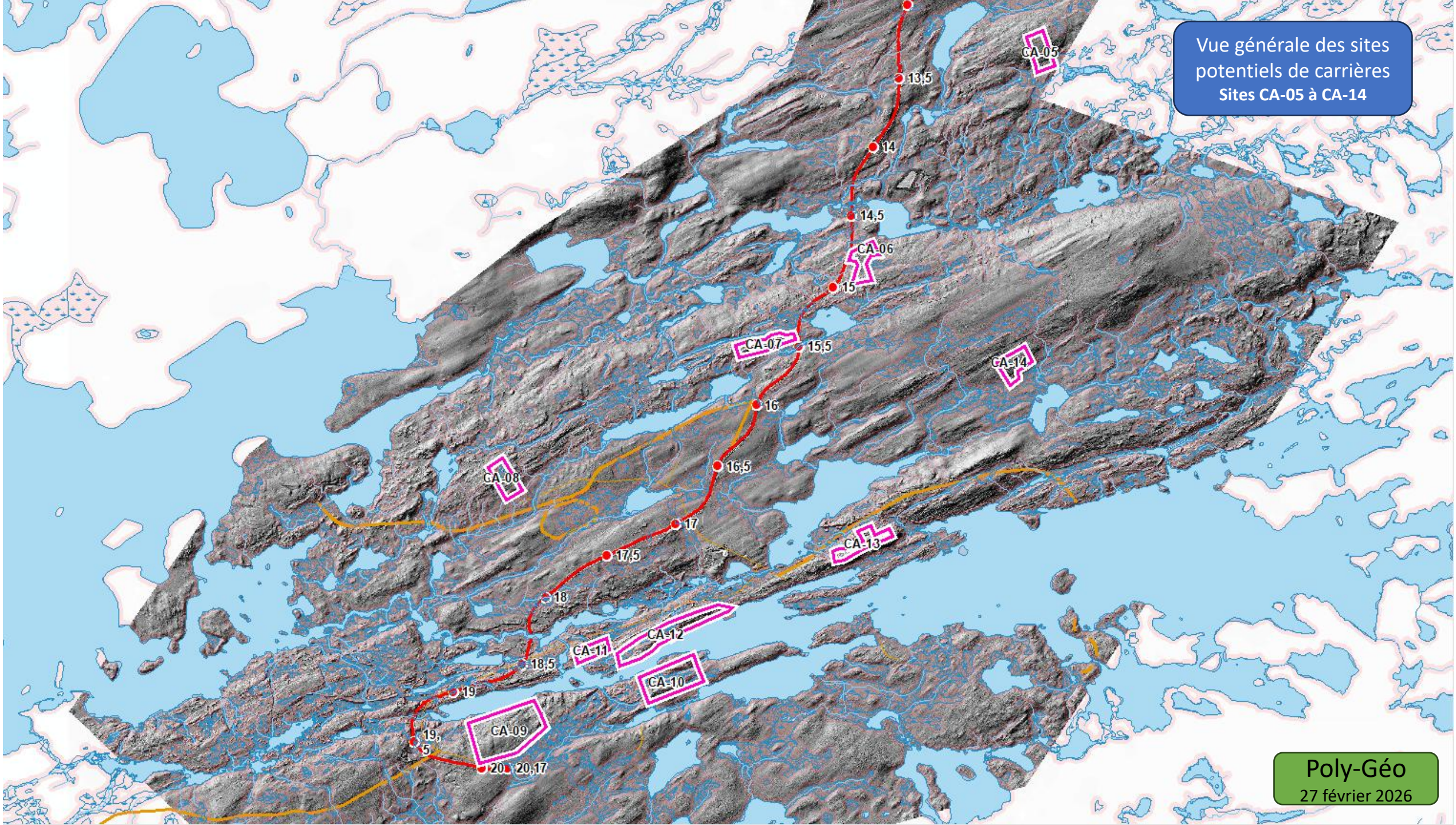
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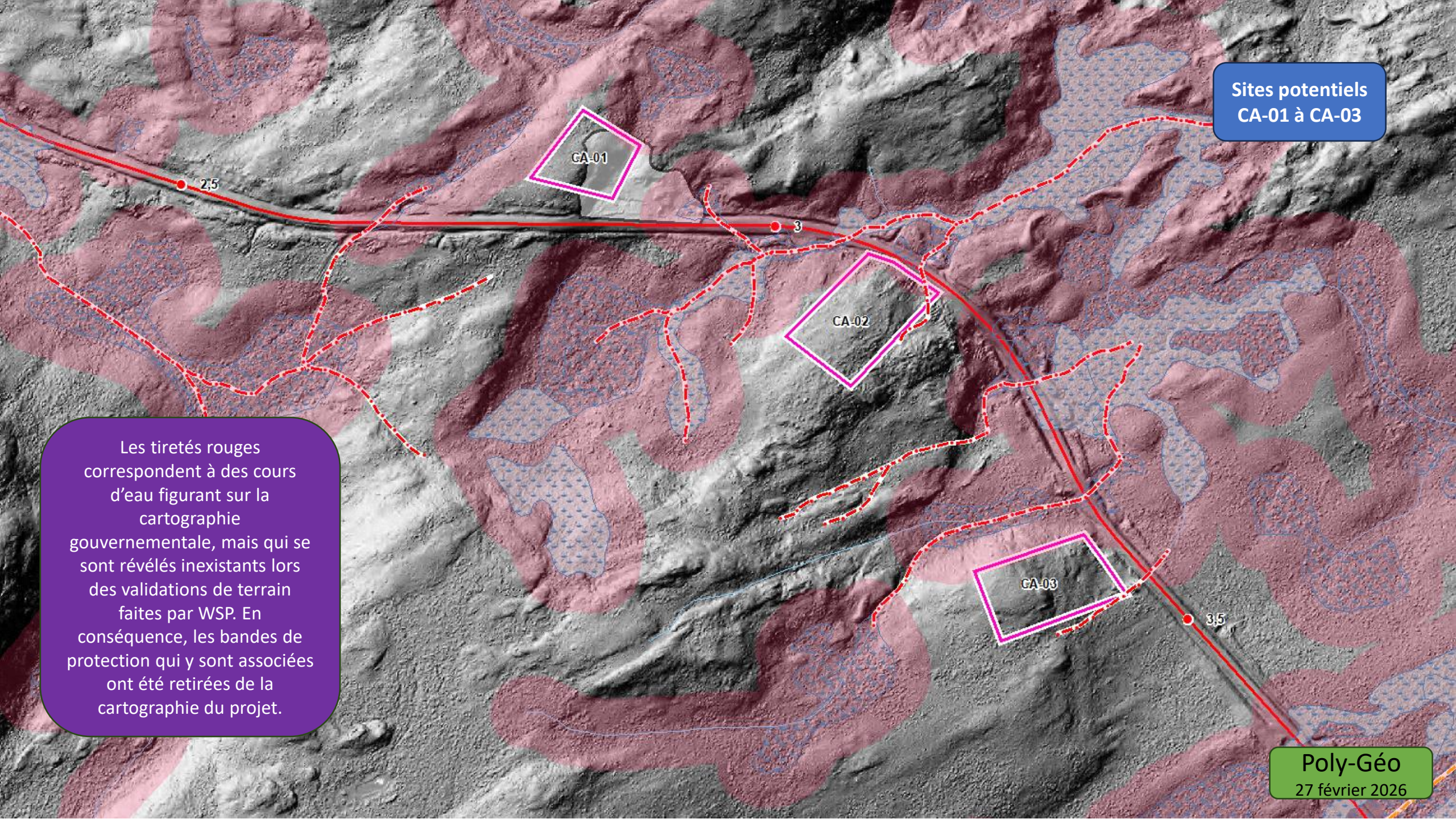
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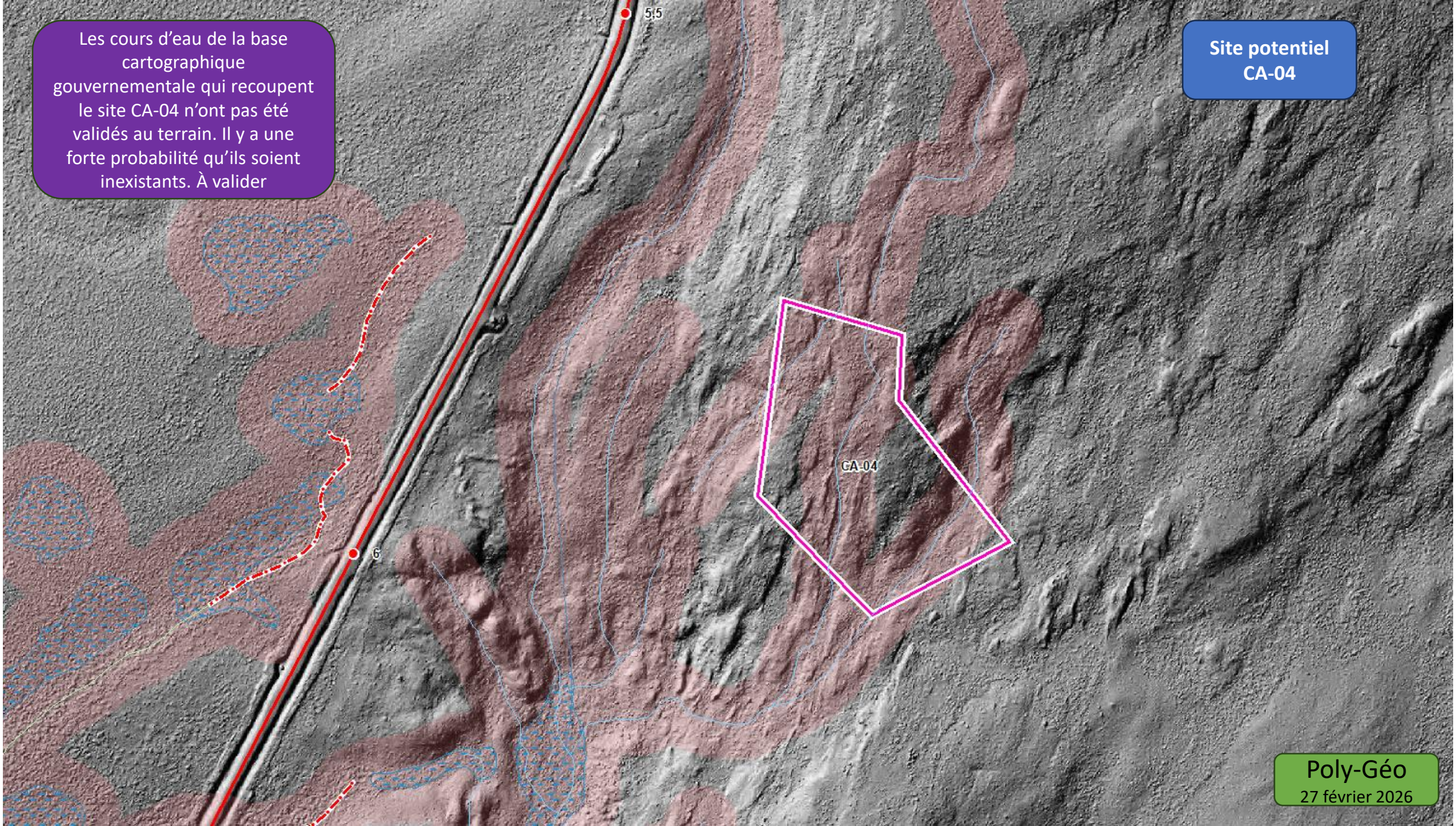
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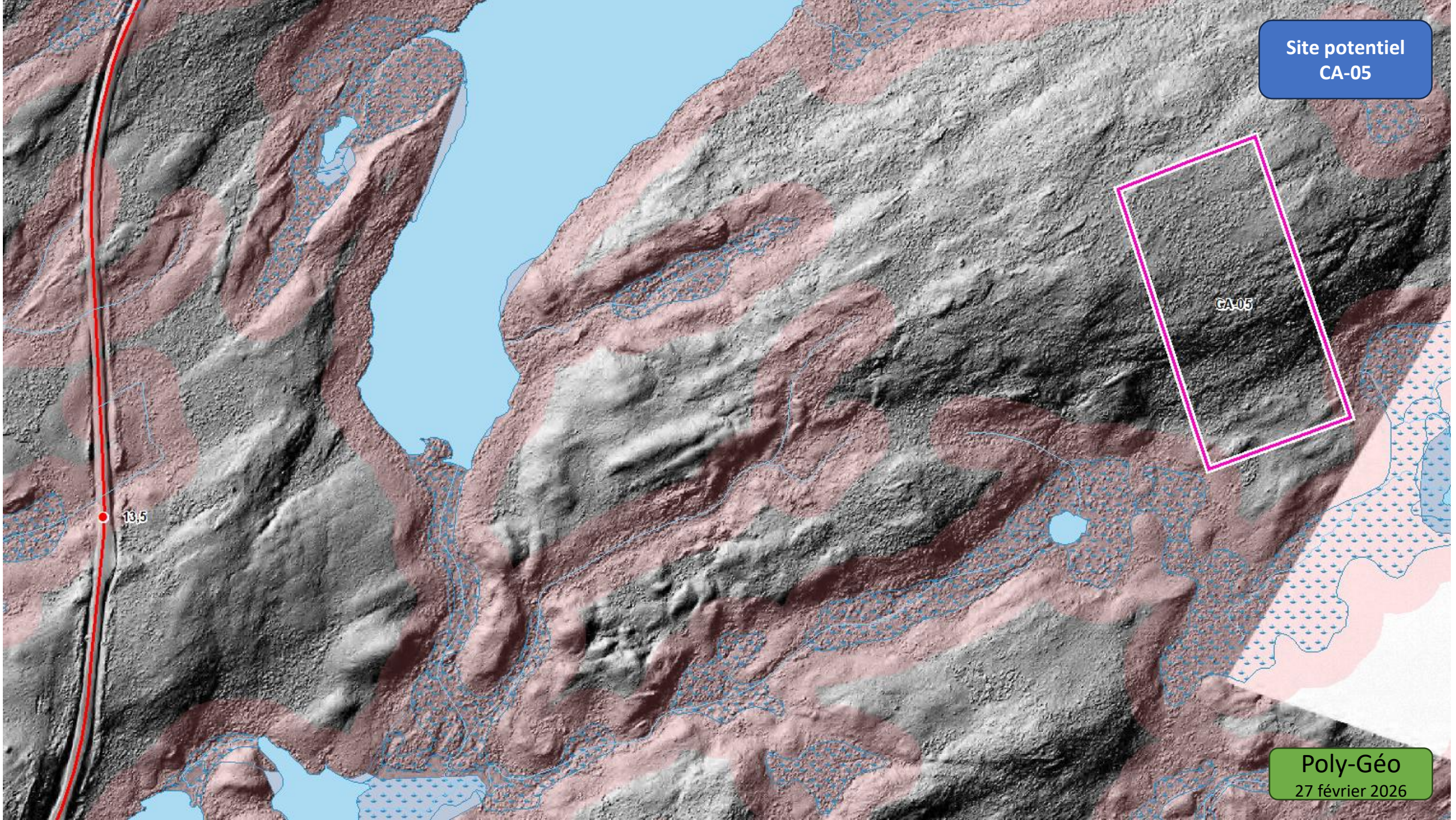
Annexe A : Carrières potentielles (Poly-Géo)

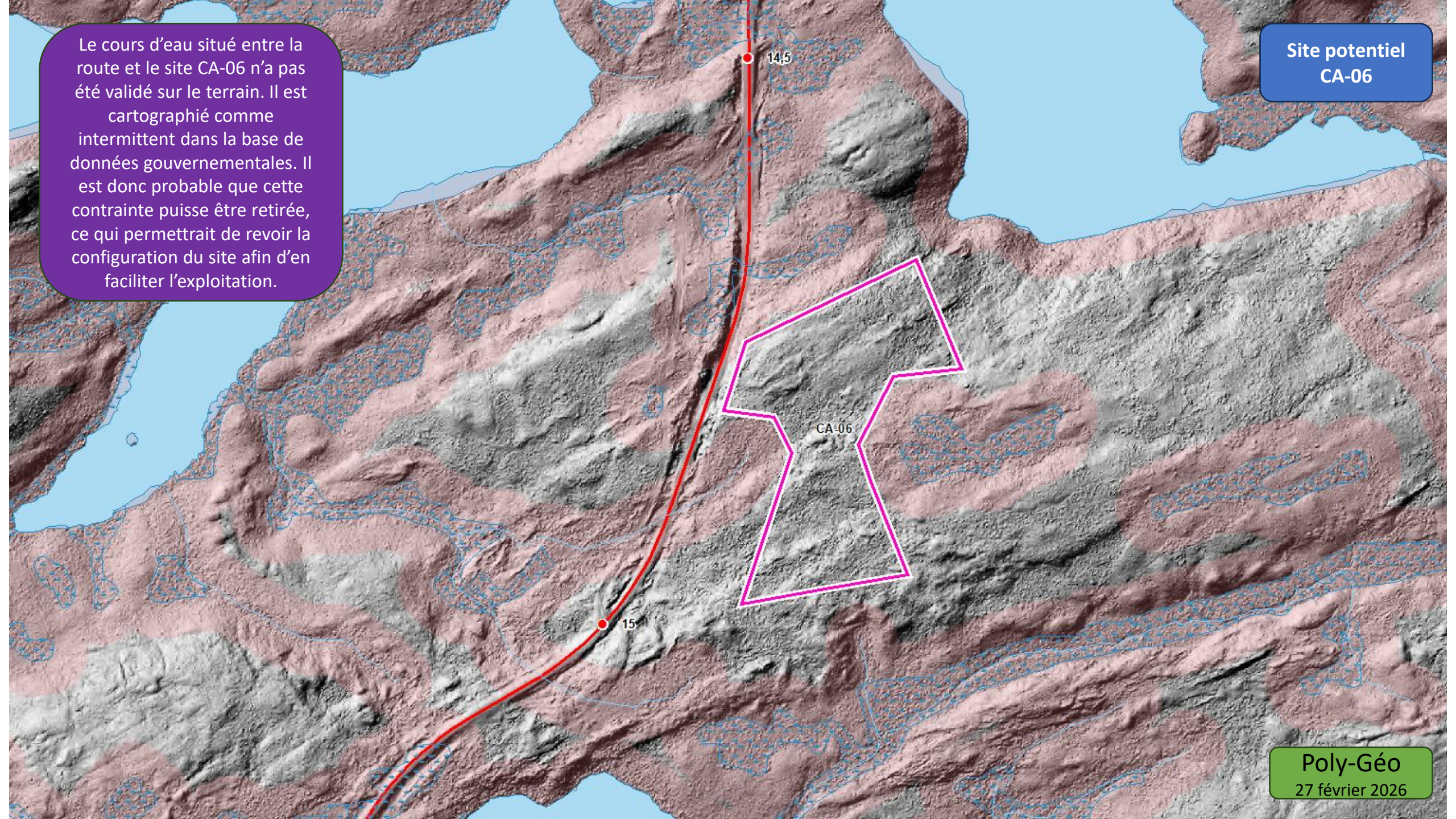

INNOVA LITHIUM
Projet Shaakichiuwaanaan
Vue générale des sites potentiels de carrières
Sites CA-01 à CA-04
0
0,5
1
1,5
2
2,5
CA-01
3
CA-02
CA-03
3,5
4
4,5
5
5,5
CA-04
6
6,5
7
7,5
Poly-Géo
27 février 2026

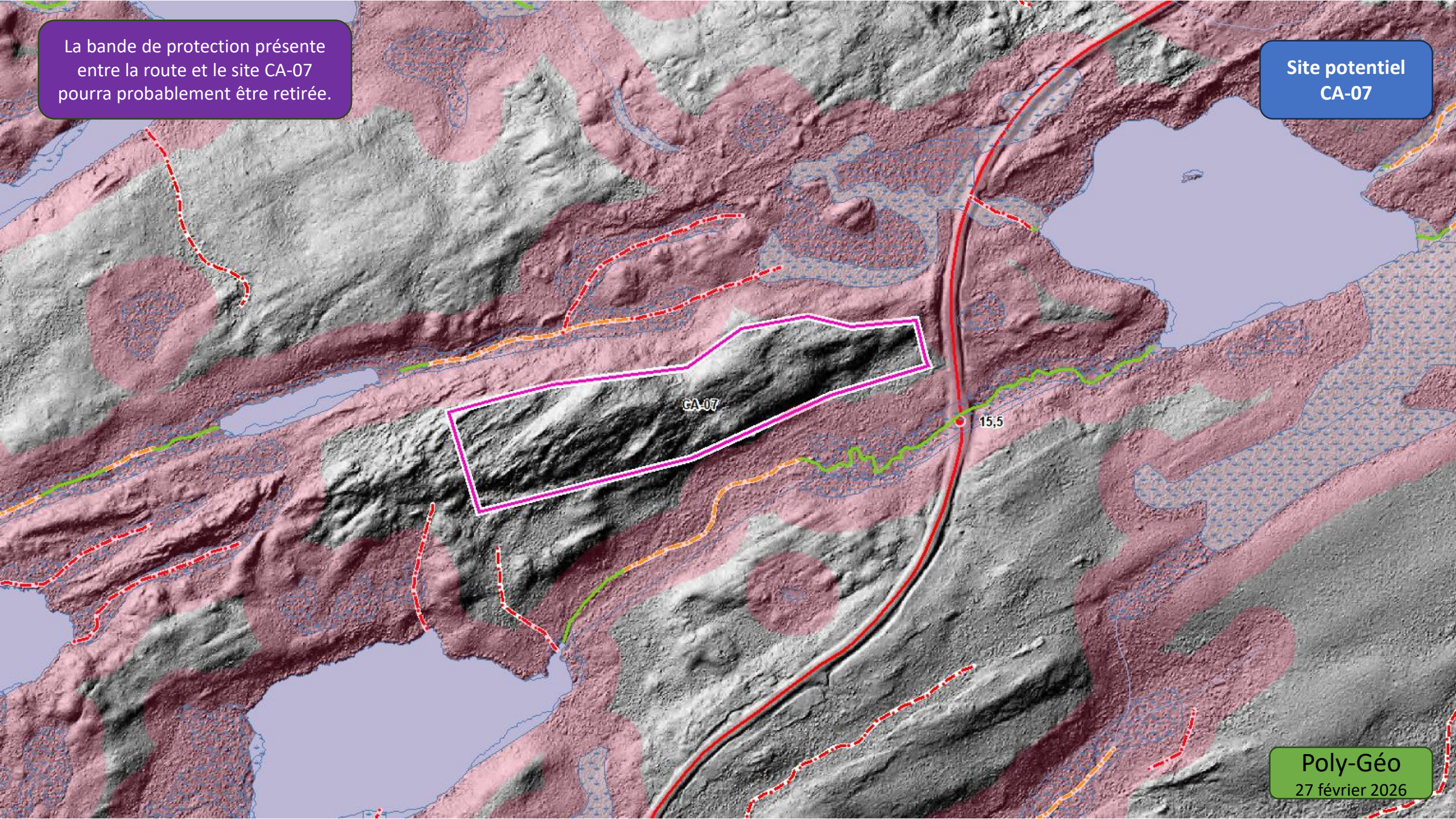

Vue générale des sites potentiels de carrières
Sites CA-05 à CA-14
CA-05
13,5
14
14,5
CA-06
15
CA-07
15,5
CA-14
16
16,5
CA-08
17
17,5
CA-13
18
CA-12
CA-11
18,5
CA-10
19
CA-09
19,5
20
20,17
Poly-Géo
27 février 2026

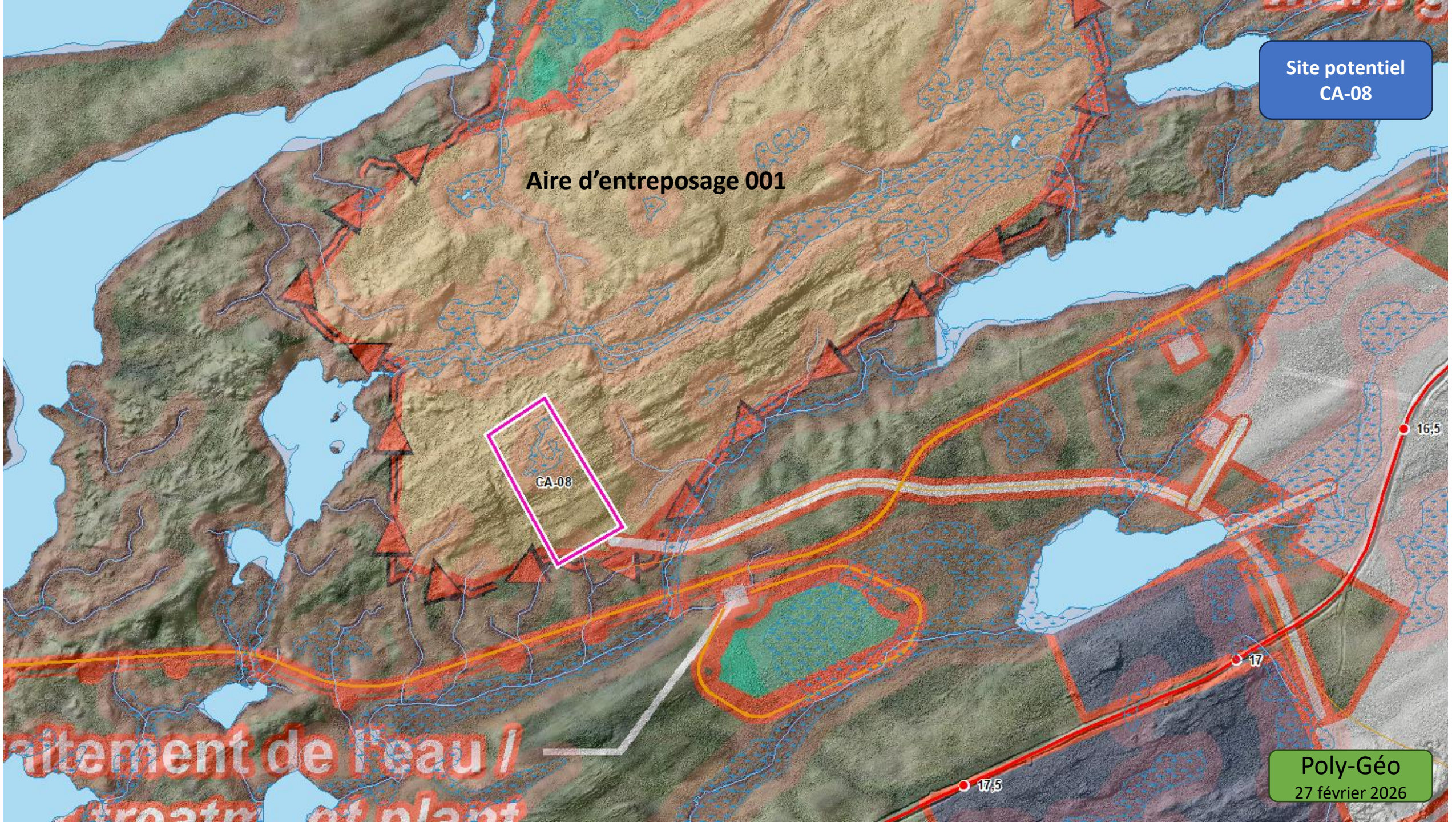

Sites potentiels
CA-01 à CA-03
CA-01
CA-02
CA-03
2,5
3
3,5
Les tiretés rouges correspondent à des cours d'eau figurant sur la cartographie gouvernementale, mais qui se sont révélés inexistants lors des validations de terrain faites par WSP. En conséquence, les bandes de protection qui y sont associées ont été retirées de la cartographie du projet.
Poly-Géo
27 février 2026

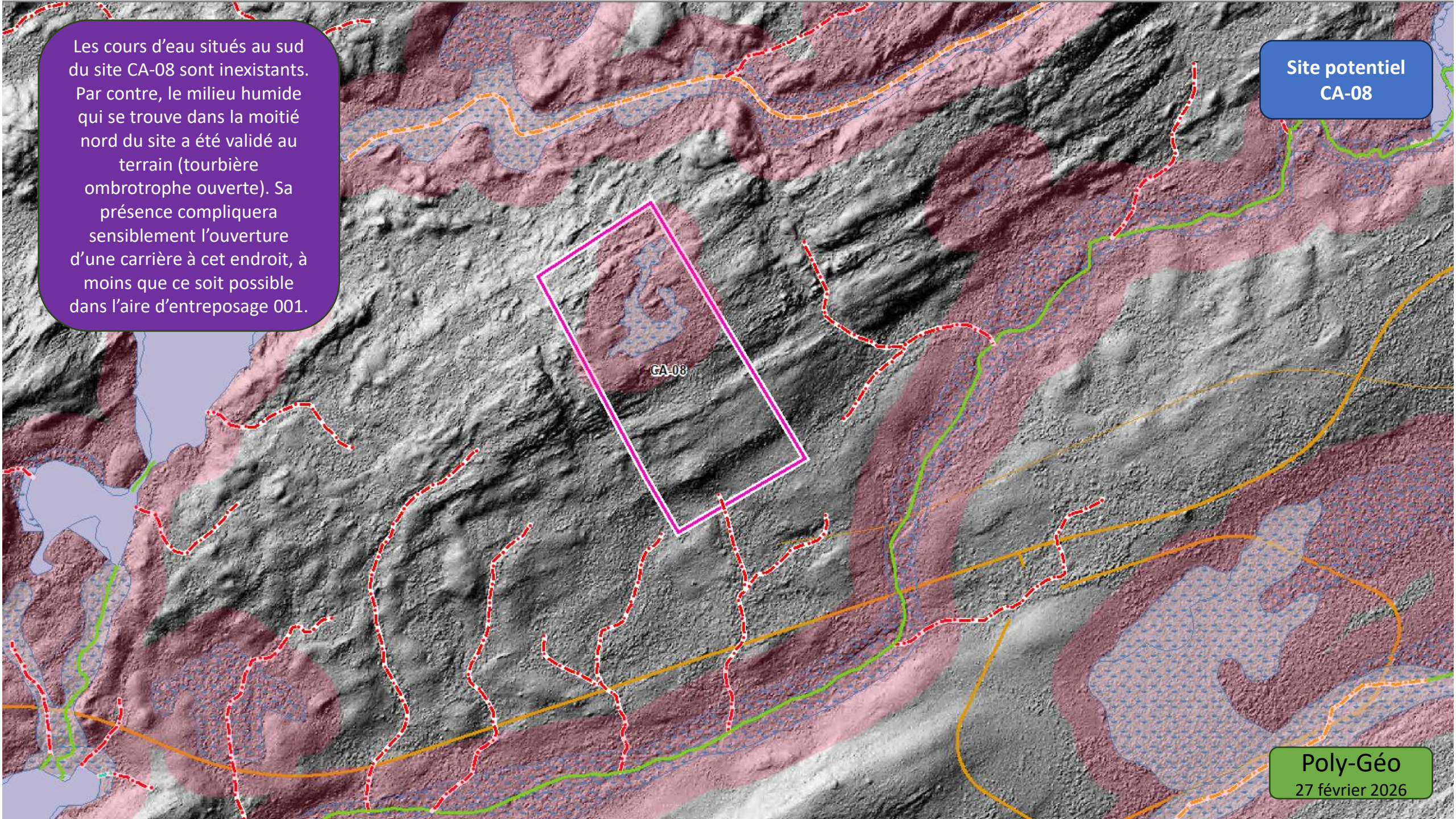

Les cours d'eau de la base cartographique gouvernementale qui recoupent le site CA-04 n'ont pas été validés au terrain. Il y a une forte probabilité qu'ils soient inexistants. À valider
Site potentiel CA-04
5,5
6
CA-04
Poly-Géo
27 février 2026

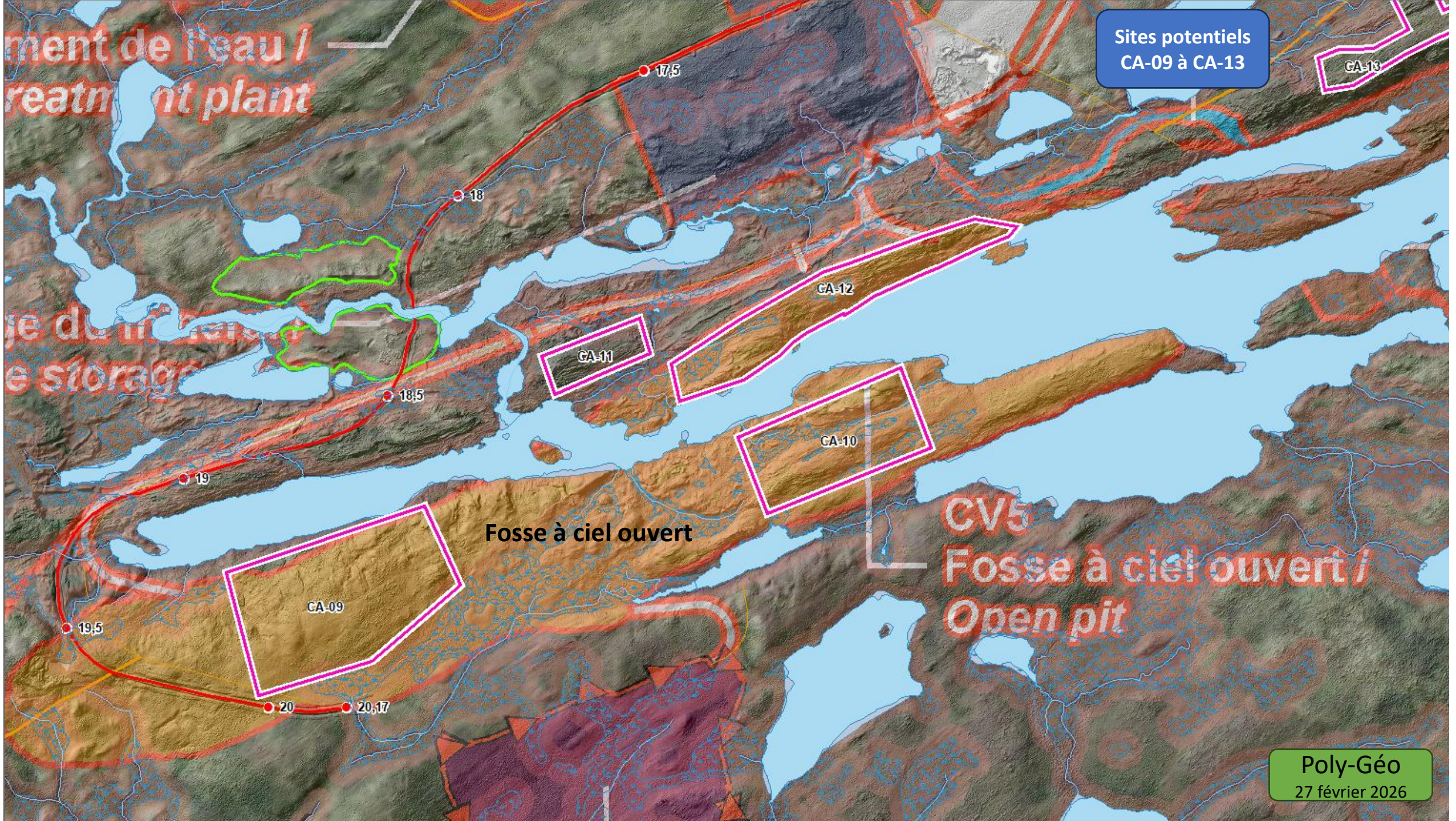

Site potentiel
CA-05
CA-05
13,5
Poly-Géo
27 février 2026

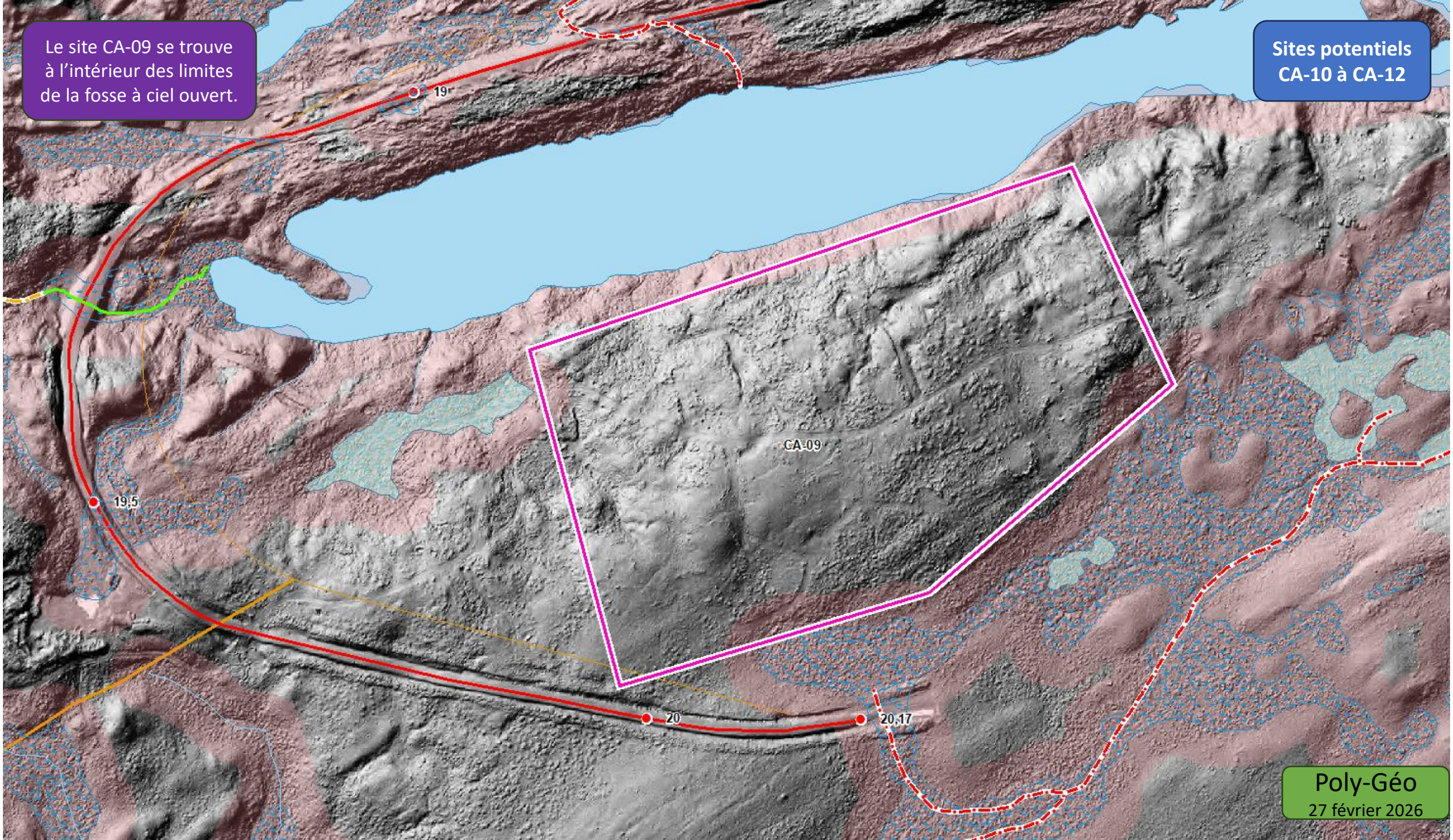

Le cours d'eau situé entre la route et le site CA-06 n'a pas été validé sur le terrain. Il est cartographié comme intermittent dans la base de données gouvernementales. Il est donc probable que cette contrainte puisse être retirée, ce qui permettrait de revoir la configuration du site afin d'en faciliter l'exploitation.
Site potentiel CA-06
14,5
CA-06
15
Poly-Géo
27 février 2026

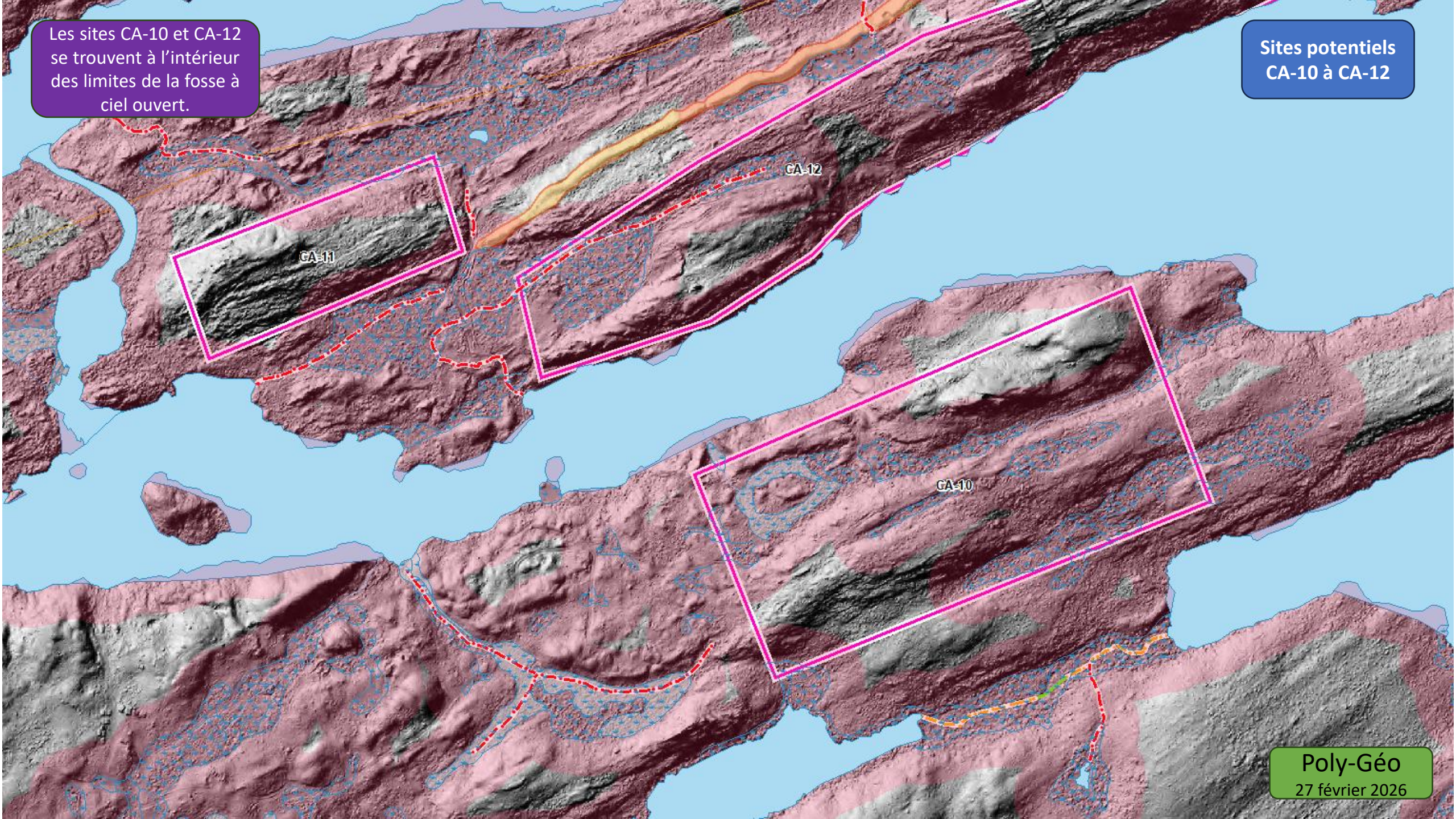

La bande de protection présente entre la route et le site CA-07 pourra probablement être retirée.
Site potentiel CA-07
CA-07
15,5
Poly-Géo
27 février 2026

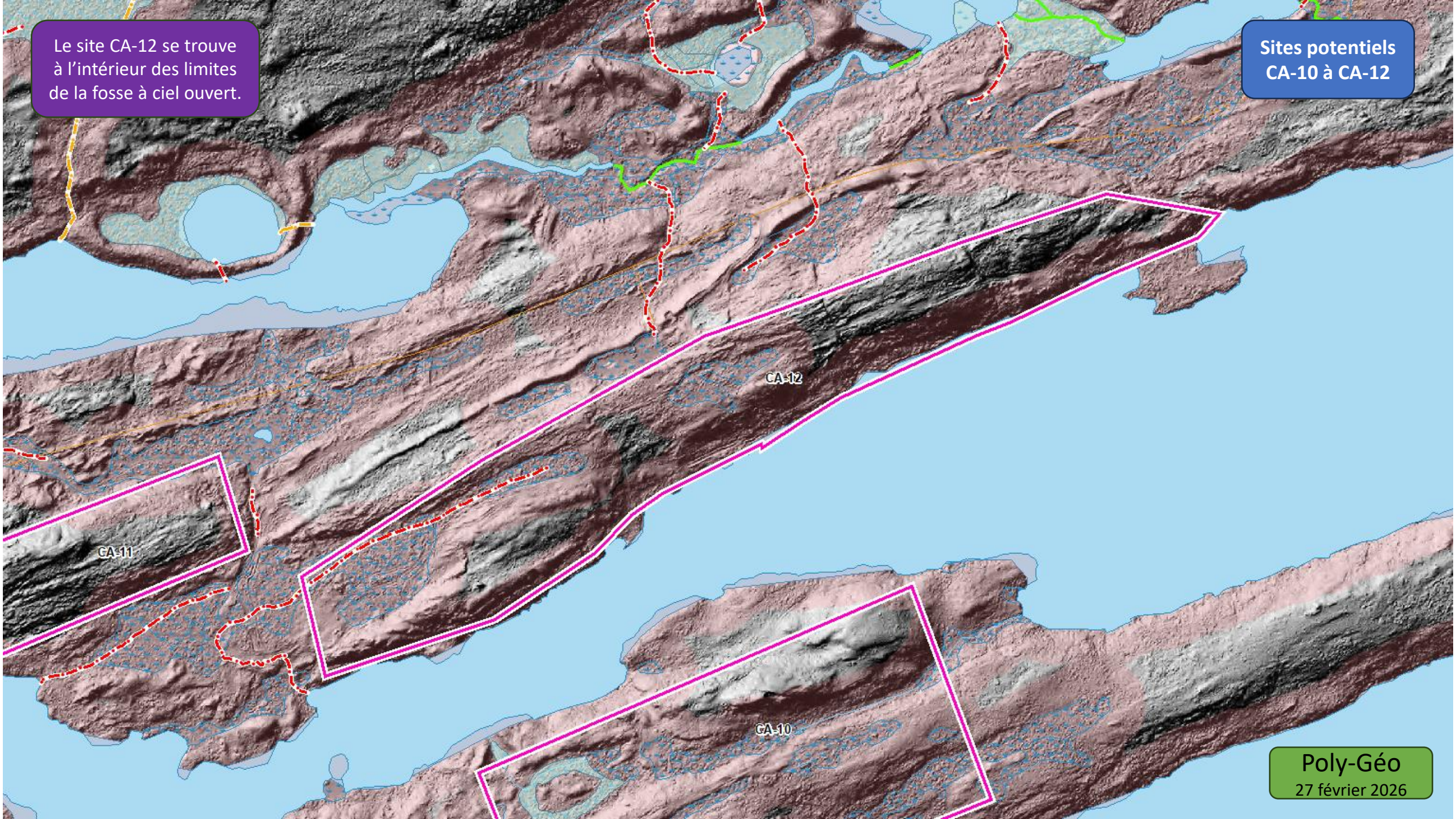

Site potentiel
CA-08
Aire d'entreposage 001
CA-08
16,5
17
17,5
Poly-Géo
27 février 2026


Les cours d'eau situés au sud du site CA-08 sont inexistants. Par contre, le milieu humide qui se trouve dans la moitié nord du site a été validé au terrain (tourbière ombrotrophe ouverte). Sa présence compliquera sensiblement l'ouverture d'une carrière à cet endroit, à moins que ce soit possible dans l'aire d'entreposage 001.
Site potentiel CA-08
CA-08
Poly-Géo
27 février 2026

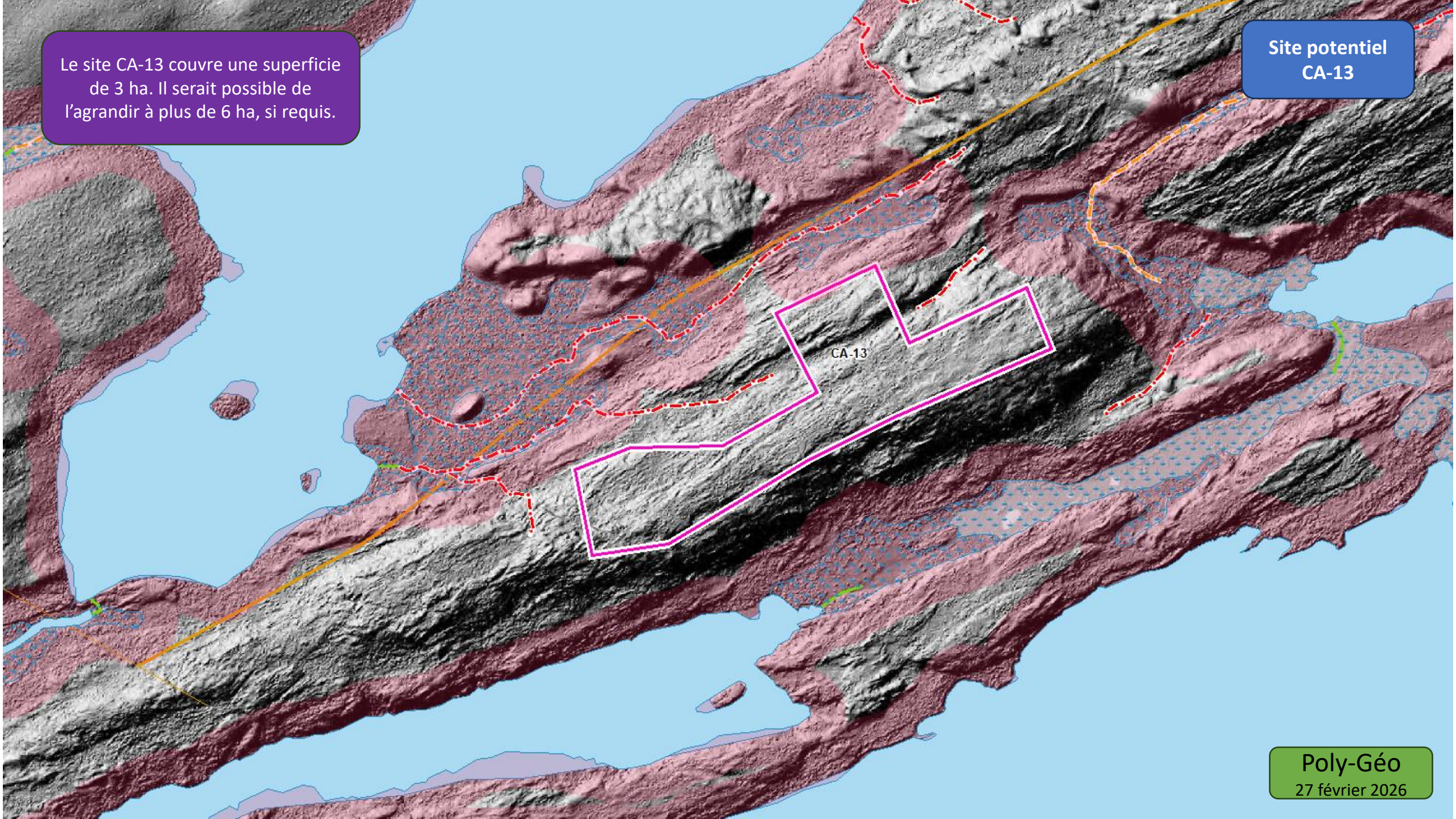

Sites potentiels
CA-09 à CA-13
17,5
18
18,5
19
19,5
20
20,17
CA-09
CA-10
CA-11
CA-12
CA-13
Fosse à ciel ouvert
CV5
Fosse à ciel ouvert /
Open pit
Poly-Géo
27 février 2026

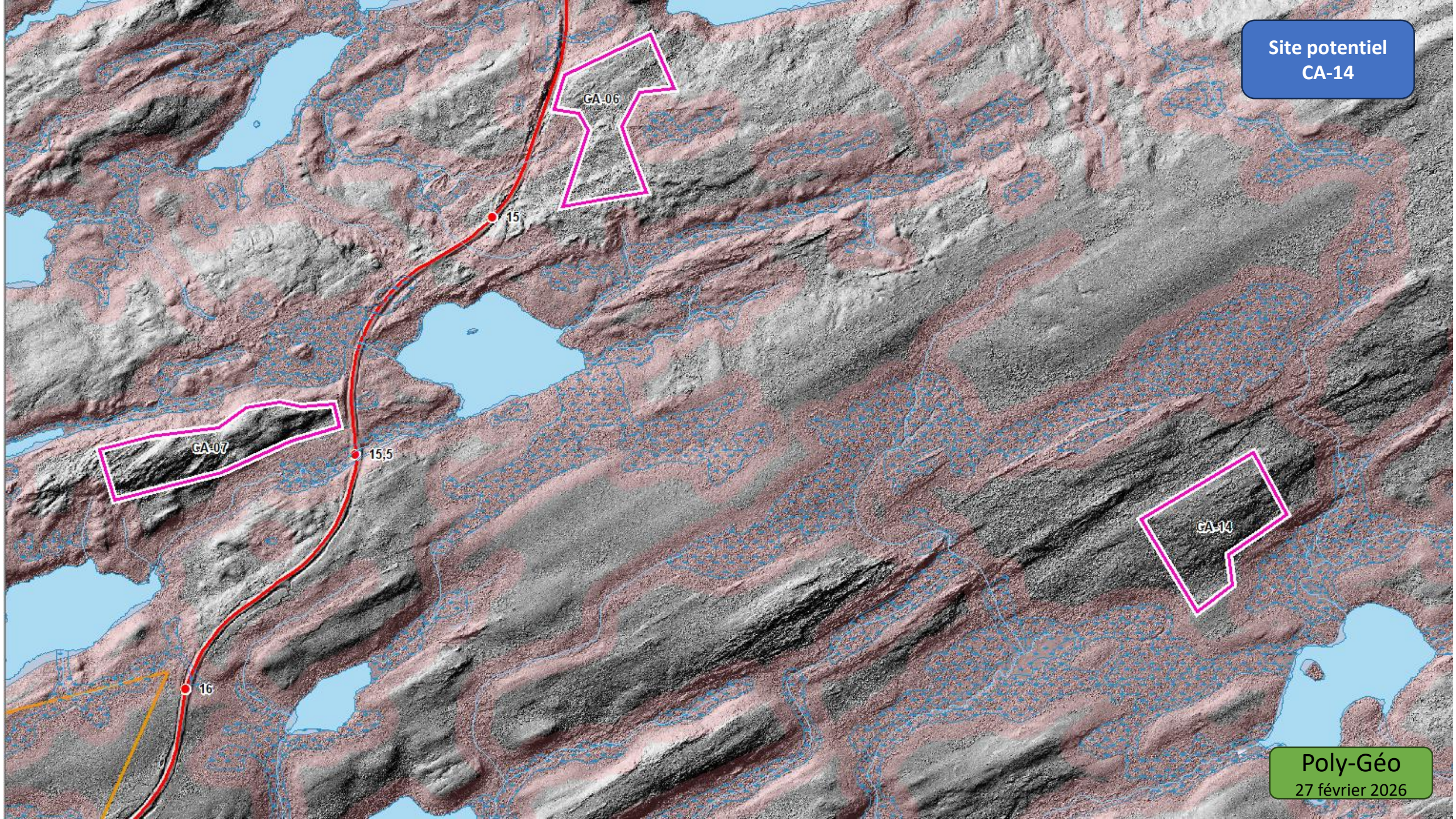

Le site CA-09 se trouve à l'intérieur des limites de la fosse à ciel ouvert.
Sites potentiels CA-10 à CA-12
19
CA-09
19,5
20
20,17
Poly-Géo
27 février 2026

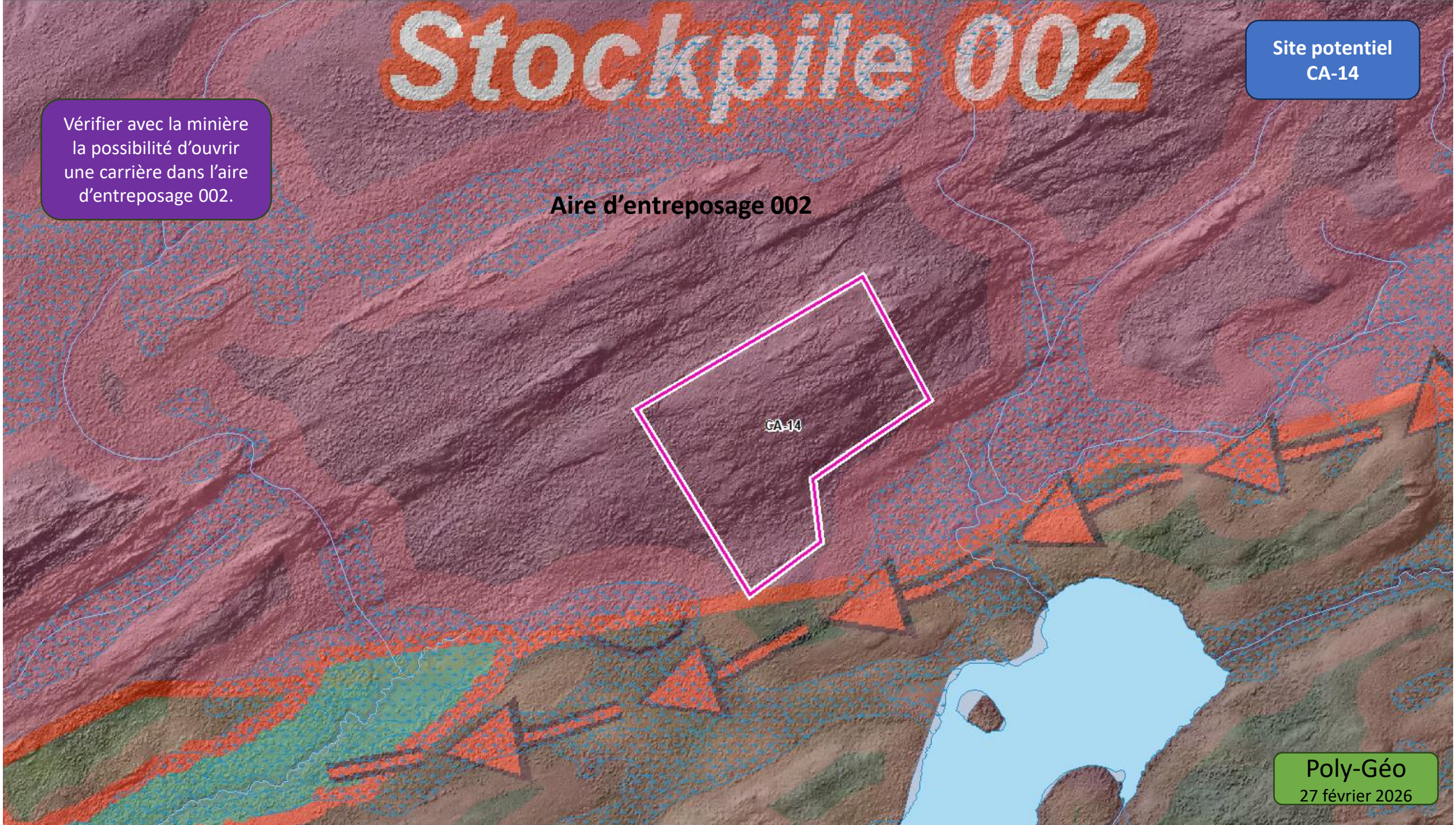

Les sites CA-10 et CA-12 se trouvent à l'intérieur des limites de la fosse à ciel ouvert.
Sites potentiels CA-10 à CA-12
CA-11
CA-12
CA-10
Poly-Géo
27 février 2026

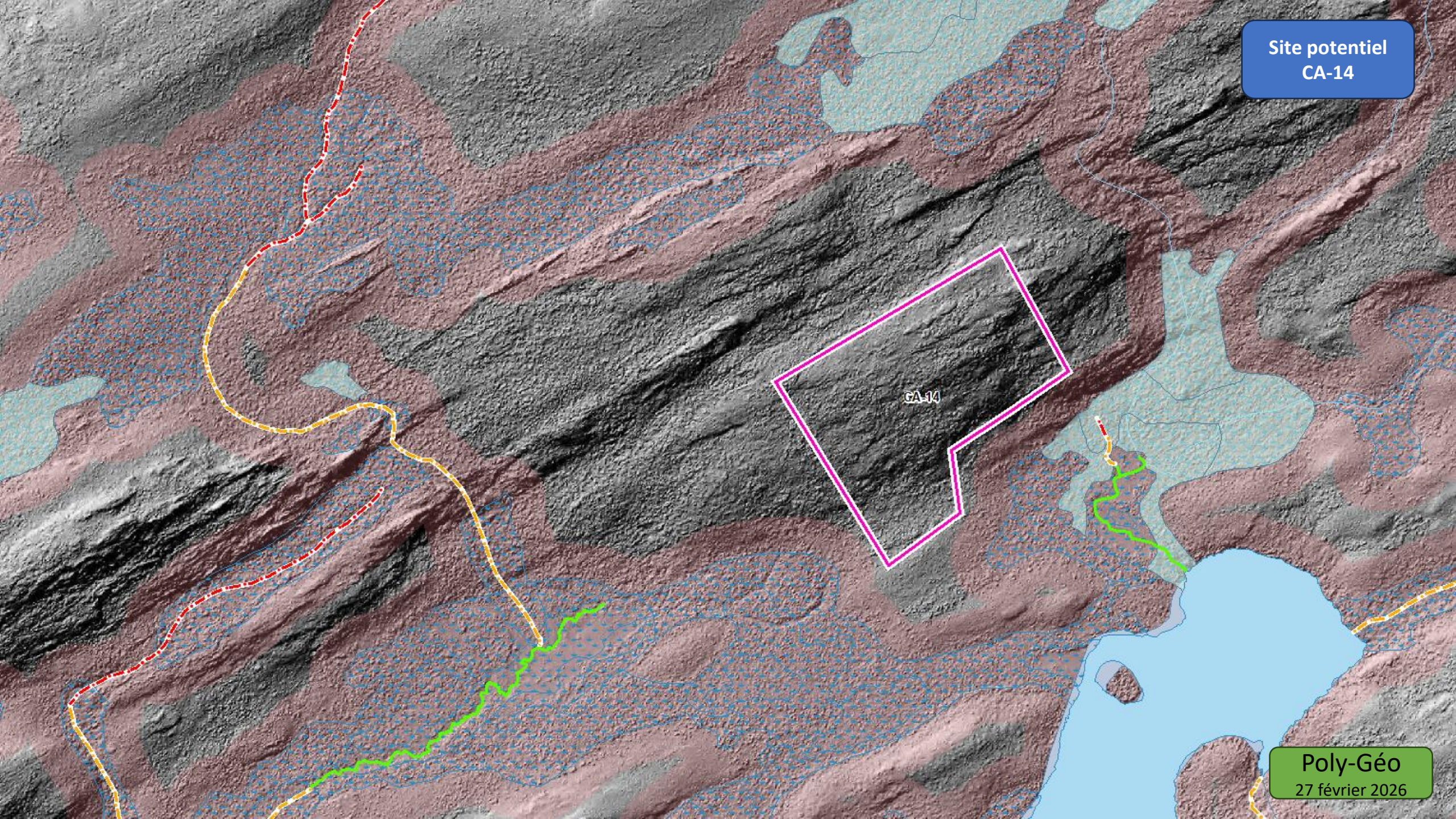

Le site CA-12 se trouve à l'intérieur des limites de la fosse à ciel ouvert.
Sites potentiels CA-10 à CA-12
CA-12
CA-11
CA-10
Poly-Géo
27 février 2026


Site potentiel
CA-13
CA-13
Poly-Géo
27 février 2026


Le site CA-13 couvre une superficie de 3 ha. Il serait possible de l'agrandir à plus de 6 ha, si requis.
Site potentiel CA-13
CA-13
Poly-Géo
27 février 2026


Site potentiel
CA-14
GA-06
GA-07
GA-14
15
15,5
16
Poly-Géo
27 février 2026


Stockpile 002
Site potentiel CA-14
Vérifier avec la minière la possibilité d'ouvrir une carrière dans l'aire d'entreposage 002.
Aire d'entreposage 002
CA-14
Poly-Géo
27 février 2026

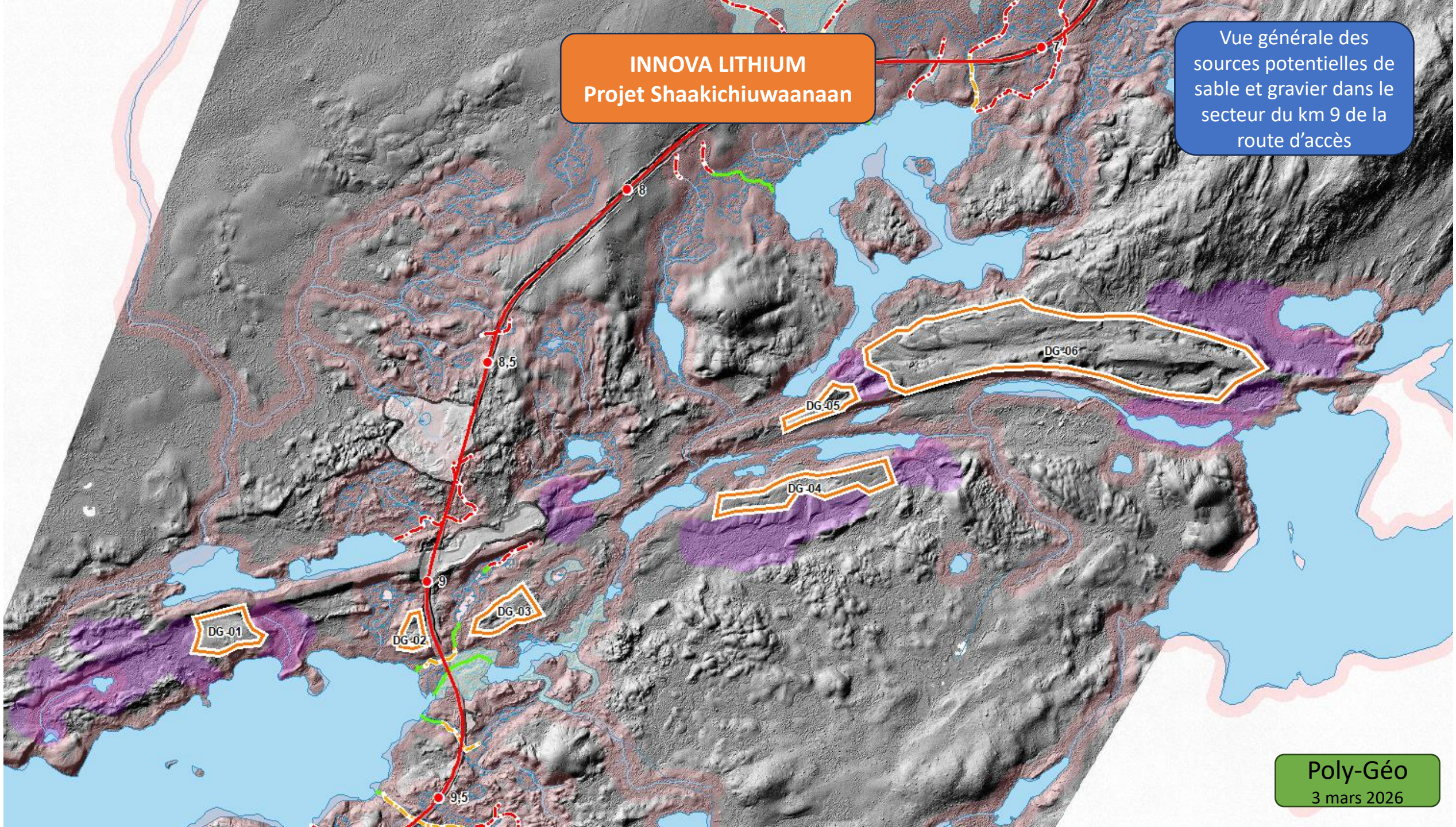

Site potentiel
CA-14
CA-14
Poly-Géo
27 février 2026

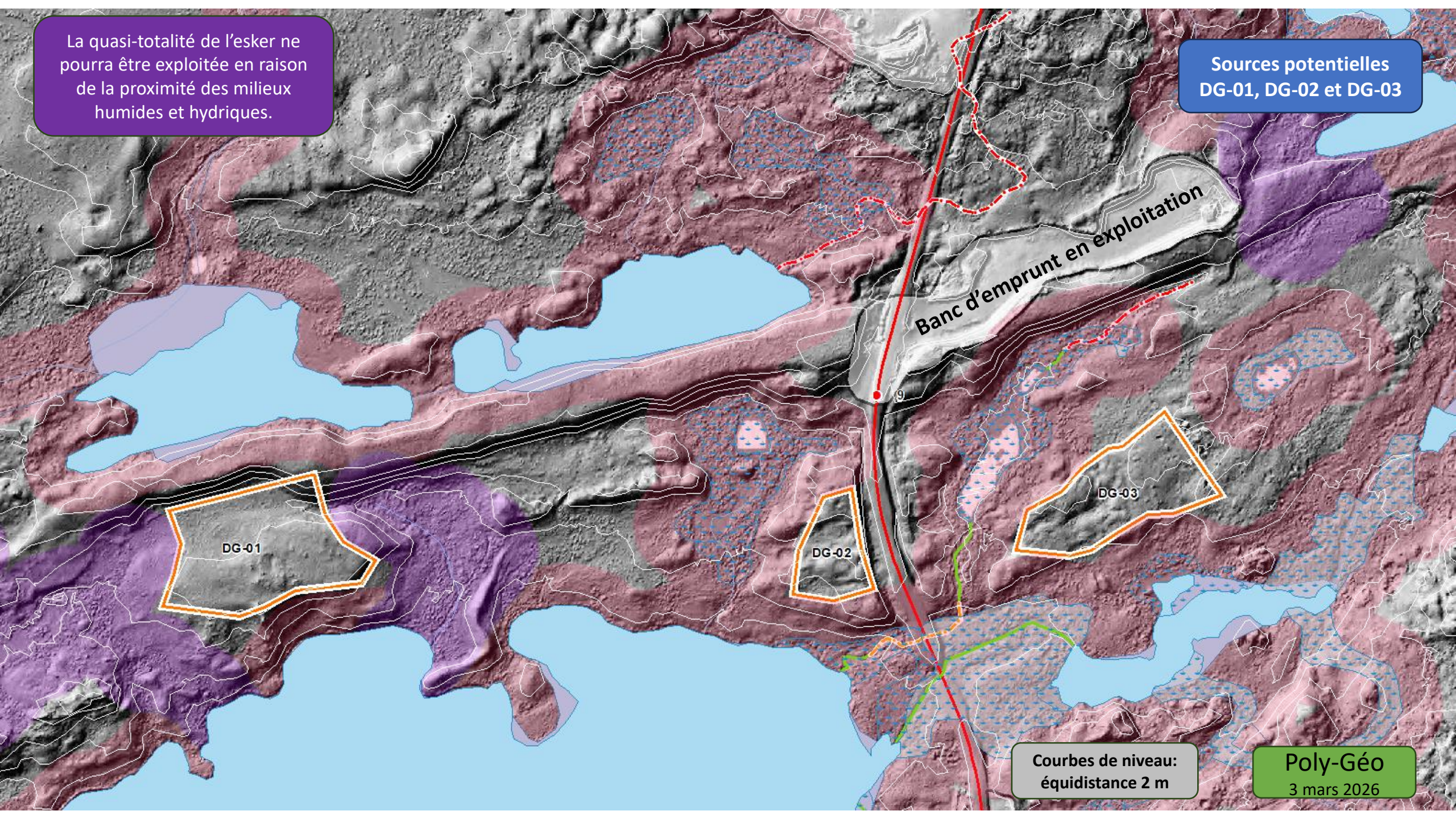
Numéro du dépôt	Coordonnées au centre du dépôt UTM 18, Nad 83		Localisation et distance par rapport à la route d'accès au site minier	Superficie du site	Type de roc selon SIGÉOM	Épaisseur exploitable estimée	Volume potentiel *	Remarques Note: IL RESTE DES VALIDATIONS À FAIRE EN LIEN AVEC LES MILIEUX HUMIDES
	X (m)	Y (m)	Chaînage (km)	(ha)		(m)	(m^3)	
CA-01	574 096	5 943 109	Km 2,8 20 m au nord de la route	0.4	à venir	5 à 8	10 000	Site déjà exploité pour y extraire du till. Le roc a été atteint. Il reste cependant une mince couche de till (1 à 2 m) à la surface du roc sur le sommet de la colline.
CA-02	574 325	5 942 974	Km 3,1 10 m au SO de la route	0.7	à venir	5 à 8	25 000	Mince couche (1 à 2 m) de till à la surface du roc. Le site empiète sur des bandes de protection associées à des milieux humides/hydriques (valider au terrain). Il pourrait ne pas être exploitable pour cette raison.
CA-03	574 481	5 942 749	Km 3,4 20 m à l'ouest de la route	0.6	à venir	6 à 10	30 000	Mince couche (1 à 2 m) de till à la surface du roc. Le site empiète sur des bandes de protection associées à des milieux humides/hydriques (valider au terrain). Il pourrait ne pas être exploitable pour cette raison.
CA-04	575 728	5 940 624	Km 5,8 250 m à l'est de la route	3.0	à venir	10 à 12	100 000	Importantes contraintes environnementales à valider. Photo-interprétation faite par WSP. Ne semble pas y avoir eu de vérifications sur le terrain. S'il y a effectivement contraintes, il y aurait peut-être lieu de proposer des mesures de mitigation ou de compensation au gouvernement.
CA-05	572 737	5 934 776	Km 13,5 950 m à l'est de la route	3.0	à venir	10 à 15	225 000	Aucune contrainte environnementale, mais chemin d'accès de près de 1 km à construire qui recoupera des milieux humides.
CA-06	571 561	5 933 370	Km 14,8 20 m à l'est de la route	2.9	à venir	5 à 9	100 000	La majeure partie du site se trouve à l'intérieur de l'aire d'entreposage 002, mais on évite les contraintes environnementales. Revoir la forme du site en fonction des données environnementales qui pourraient être recueillies sur le terrain cette année.
CA-07	570 900	5 932 821	Km 15,4 20 m à l'ouest de la route	2.9	à venir	6 à 9	125 000	Le site potentiel de carrière se trouve entièrement en dehors des aires de protection environnementales. Il est cependant bordé par celles-ci. Sa forme étroite compliquera l'exploitation.
CA-08	569 176	5 931 928	Km 17,5 750 m au NO de la route	2.9	à venir	7 à 10	150 000	Présence de milieux humides mineurs sur le sommet de la colline rocheuse et au pied de cette dernière, du côté sud-est. S'il y a effectivement contraintes, il y aurait peut-être lieu de proposer des mesures de mitigation ou de compensation au gouvernement. D'après les informations présentement à notre disposition, il est possible qu'un chemin secondaire soit aménagé dans le secteur. Selon le tracé actuel, il passerait à seulement 10 m au sud du site potentiel de carrière. Le site fait partie de l'aire d'entreposage 001.
CA-09	569 186	5 930 247	Km 20 20 m au nord de la route	**12.9**	à venir	15 à 25	900 000 à > 1,5M	Ce site est localisé à l'intérieur de la future fosse à ciel ouvert. Aucune contrainte environnementale susceptible de réduire l'aire d'extraction du site potentiel de carrière n'a donc été identifiée. Compte tenu de son emplacement dans l'emprise de la fosse, il n'a pas été jugé nécessaire de limiter sa superficie à 3 ha. Les volumes exploitables dépendront de la stratégie d'exploitation retenue par la minière et pourraient varier de façon significative, possiblement du simple au double, selon le scénario retenu.
CA-10	570 282	5 930 599	Km 20,2 1 km à l'ENE de la fin de la route	**7.3**	à venir	3 à 8	125 000 à 175 000	Ce site est également localisé à l'intérieur de la future fosse à ciel ouvert. Aucune contrainte environnementale susceptible de réduire l'aire d'extraction du site potentiel de carrière n'a donc été identifiée. Compte tenu de son emplacement dans l'emprise de la fosse, il n'a pas été jugé nécessaire de limiter sa superficie à 3 ha. Les volumes exploitables dépendront de la stratégie d'exploitation retenue par la minière et pourraient varier de façon significative, possiblement du simple au double, selon le scénario retenu.
CA-11	569 752	5 930 788	Km 18,5 350 m à l'est de la route	2.0	à venir	8 à 10	50 000	En bordure, mais à l'extérieur de la fosse à ciel ouvert, côté nord. Il y a des contraintes environnementales potentielles dans la moitié est du site. Vérifier leur validité au terrain.

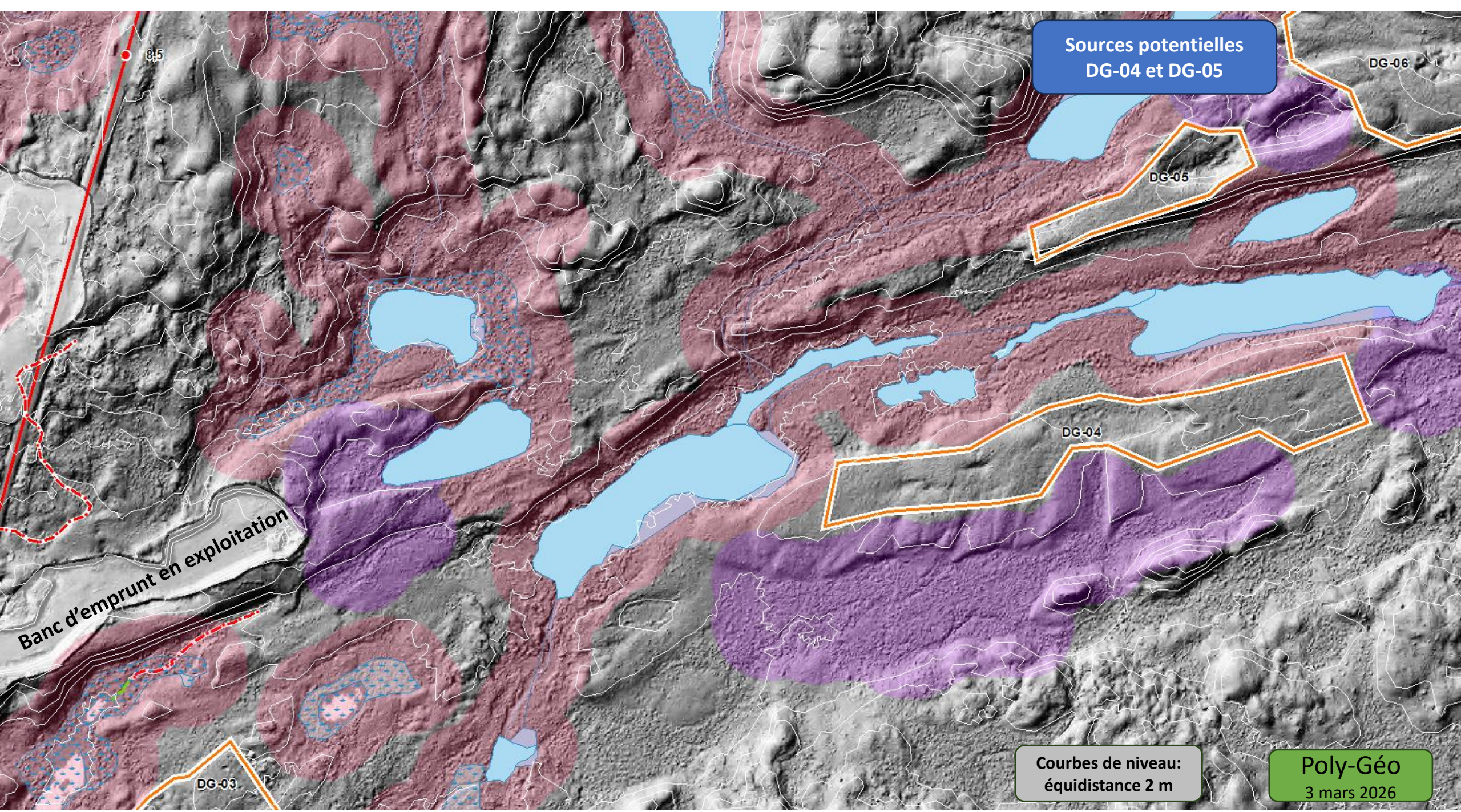
Numéro du dépôt	Coordonnées au centre du dépôt UTM 18, Nad 83		Localisation et distance par rapport à la route d'accès au site minier	Superficie du site	Type de roc selon SIGÉOM	Épaisseur exploitable estimée	Volume potentiel *	Remarques Note: IL RESTE DES VALIDATIONS À FAIRE EN LIEN AVEC LES MILIEUX HUMIDES
	X (m)	Y (m)	Chaînage (km)	(ha)		(m)	(m^3)	
CA-12	570 277	5 930 894	Km 18,5 650 m à l'est de la route	**7.4**	à venir	8 à 10	100 000 à 200 000	Ce site est localisé à l'intérieur de la future fosse à ciel ouvert, mais à sa limite nord. Son exploitation pourrait s'avérer difficile, voire impossible pour cette raison. Vérifier la possibilité de drainer le lac pour faciliter l'exploitation. Compte tenu de son emplacement dans l'emprise de la fosse, il n'a pas été jugé nécessaire de limiter sa superficie à 3 ha. REVOIR LA STRATÉGIE D'EXPLOITATION DU SITE AVEC LE PROMOTEUR.
CA-13	571 552	5 931 500	Km 16,9 1 km au SE de la route	3.0	à venir	5 à 8	100 000	Le site est ceinturé de bandes de protection associées à la présence de milieux humides. Canal de dérivation à franchir, mais une route secondaire est prévue dans le secteur (environ 100 m au nord).
CA-14	572 564	5 932 687	Km 14,5 1,3 km à l'est du chemin	3.1	à venir	7 à 12	200 000	Pas de contrainte environnementale d'après les données disponibles. Par contre, le site se trouve entièrement dans l'aire d'entreposage 002 et relativement loin de la route.

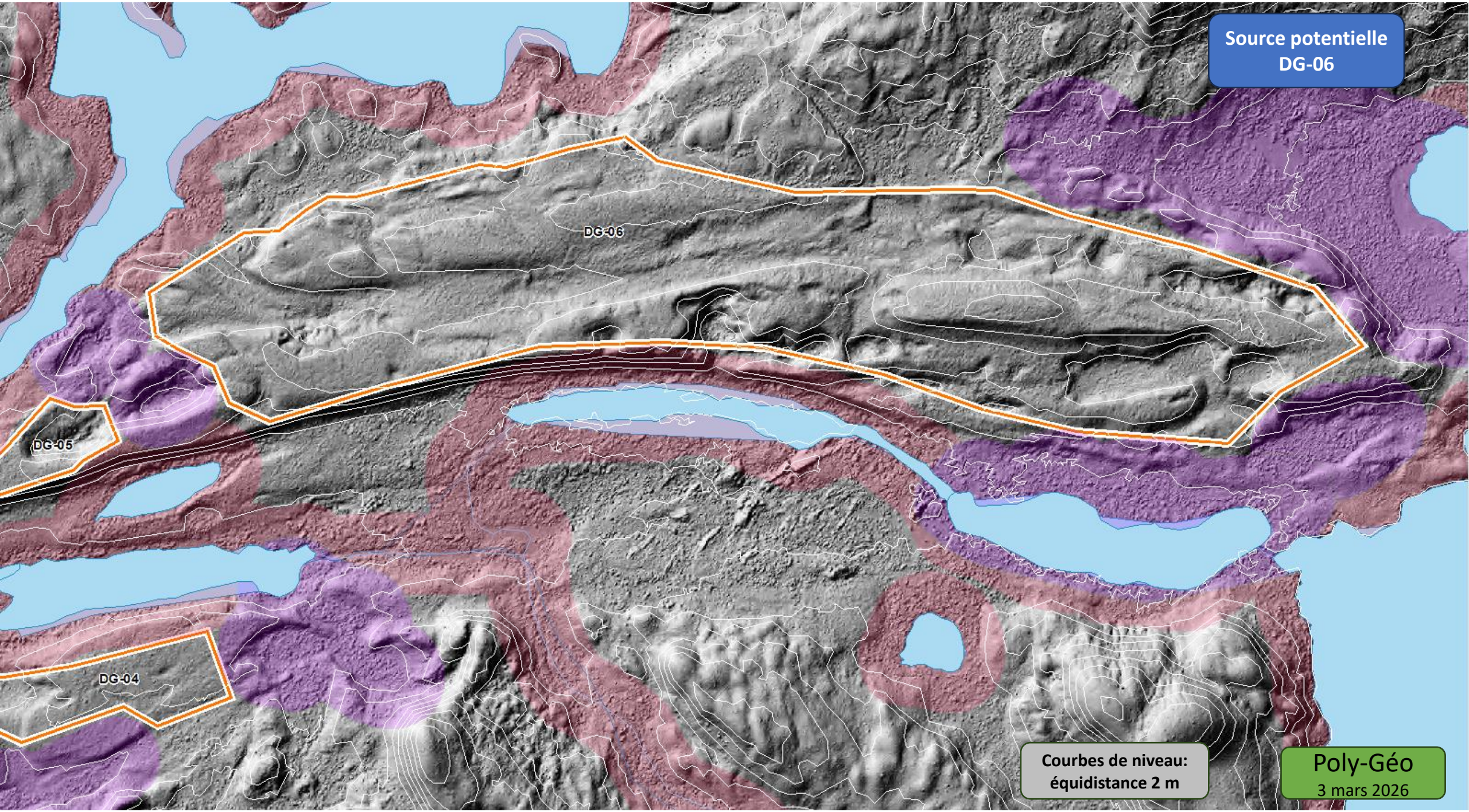
**** Les volumes potentiels ont été estimés par photo-interprétation et à l'aide d'un modèle numérique de terrain, sans validation terrain. Ils pourraient donc être sensiblement sous-estimés ou surestimés selon la qualité réelle des matériaux, la profondeur de la nappe d'eau et la position réelle des milieux humides environnants.***

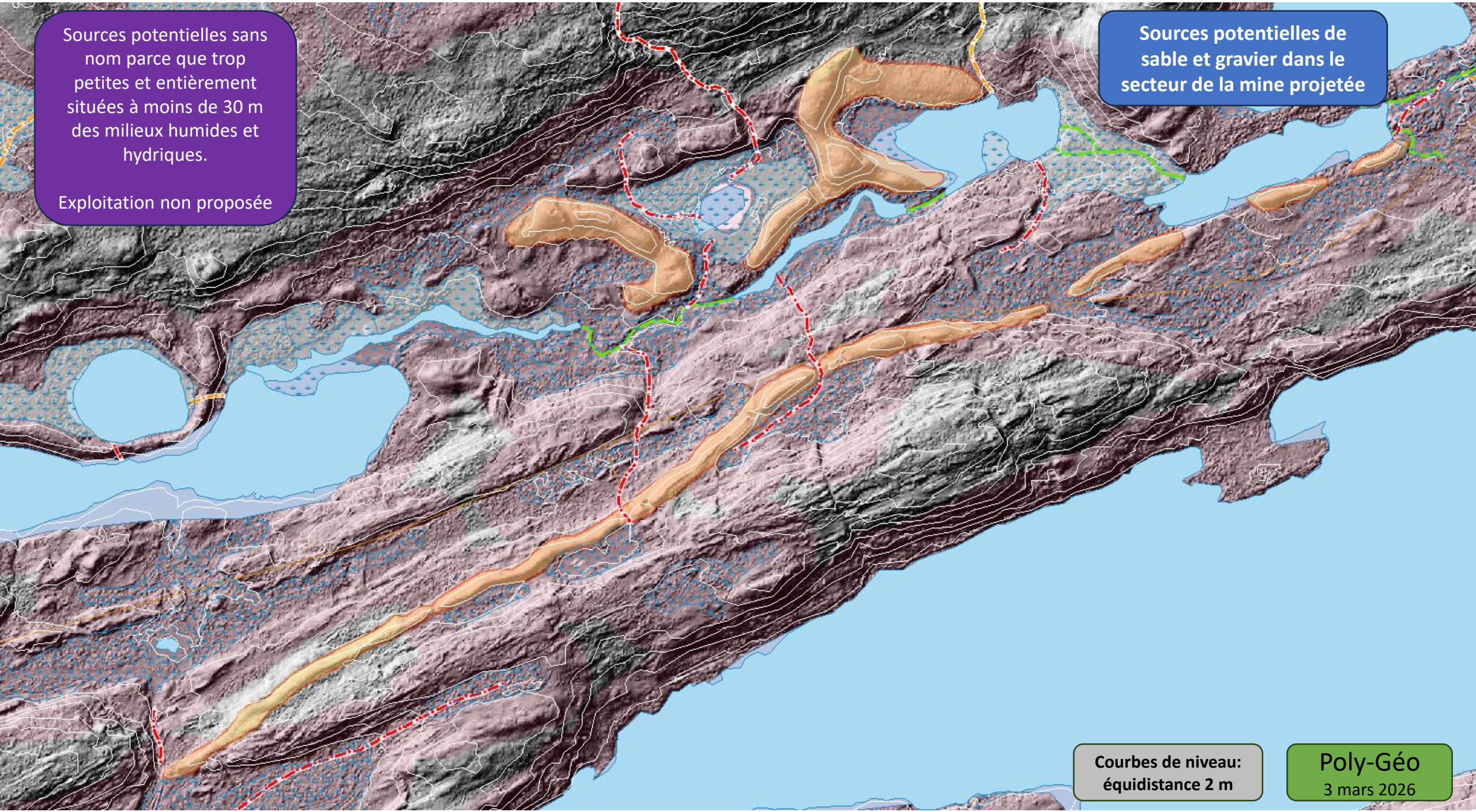
Annexe B : Bancs d'emprunt potentiels (Poly-géo)

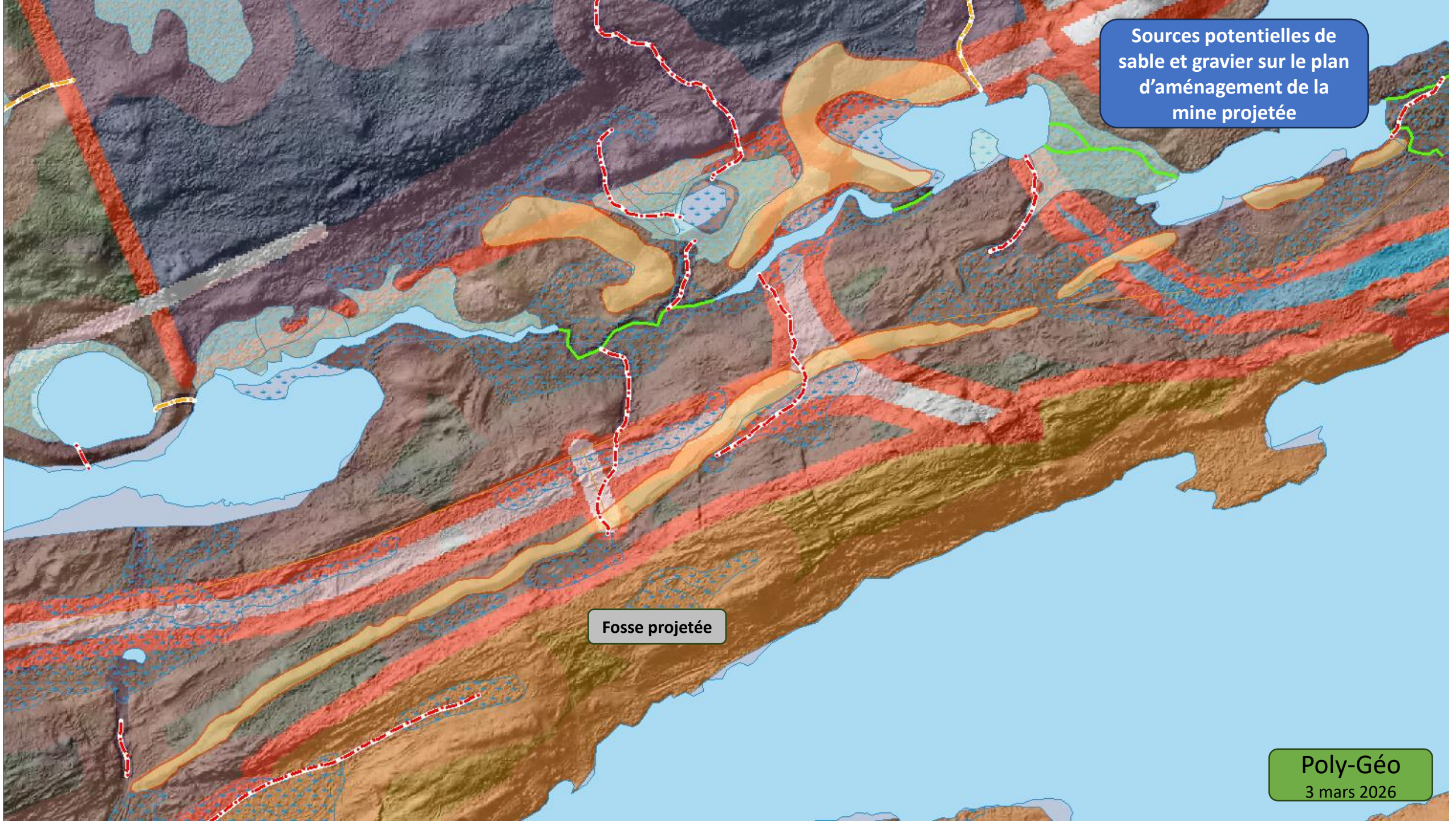

INNOVA LITHIUM
Projet Shaakichiuwaanaan
Vue générale des sources potentielles de sable et gravier dans le secteur du km 9 de la route d'accès
7
8
8,5
9
9,5
DG-01
DG-02
DG-03
DG-04
DG-05
DG-06
Poly-Géo
3 mars 2026

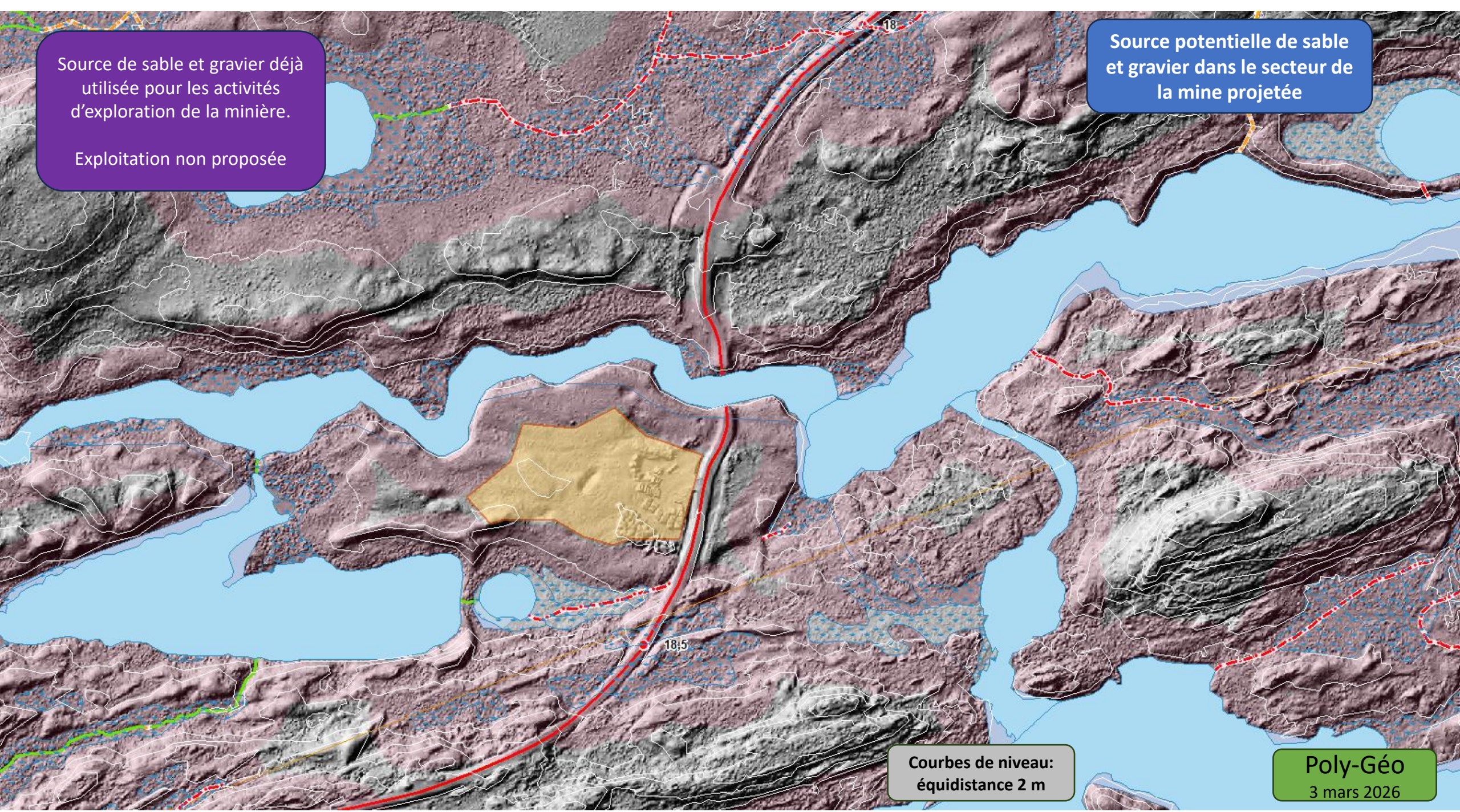

La quasi-totalité de l'esker ne pourra être exploitée en raison de la proximité des milieux humides et hydriques.
Sources potentielles DG-01, DG-02 et DG-03
Banc d'emprunt en exploitation
9
DG-01
DG-02
DG-03
Courbes de niveau: équidistance 2 m
Poly-Géo
3 mars 2026


Sources potentielles
DG-04 et DG-05
DG-06
DG-05
DG-04
DG-03
8,5
Banc d'emprunt en exploitation
Courbes de niveau:
équidistance 2 m
Poly-Géo
3 mars 2026


Source potentielle
DG-06
DG-06
DG-05
DG-04
Courbes de niveau:
équidistance 2 m
Poly-Géo
3 mars 2026


Sources potentielles sans nom parce que trop petites et entièrement situées à moins de 30 m des milieux humides et hydriques.
Exploitation non proposée
Sources potentielles de sable et gravier dans le secteur de la mine projetée
Courbes de niveau: équidistance 2 m
Poly-Géo
3 mars 2026


Sources potentielles de sable et gravier sur le plan d'aménagement de la mine projetée
Fosse projetée
Poly-Géo
3 mars 2026


Source de sable et gravier déjà utilisée pour les activités d'exploration de la minière.
Exploitation non proposée
Source potentielle de sable et gravier dans le secteur de la mine projetée
18
18,5
Courbes de niveau: équidistance 2 m
Poly-Géo
3 mars 2026

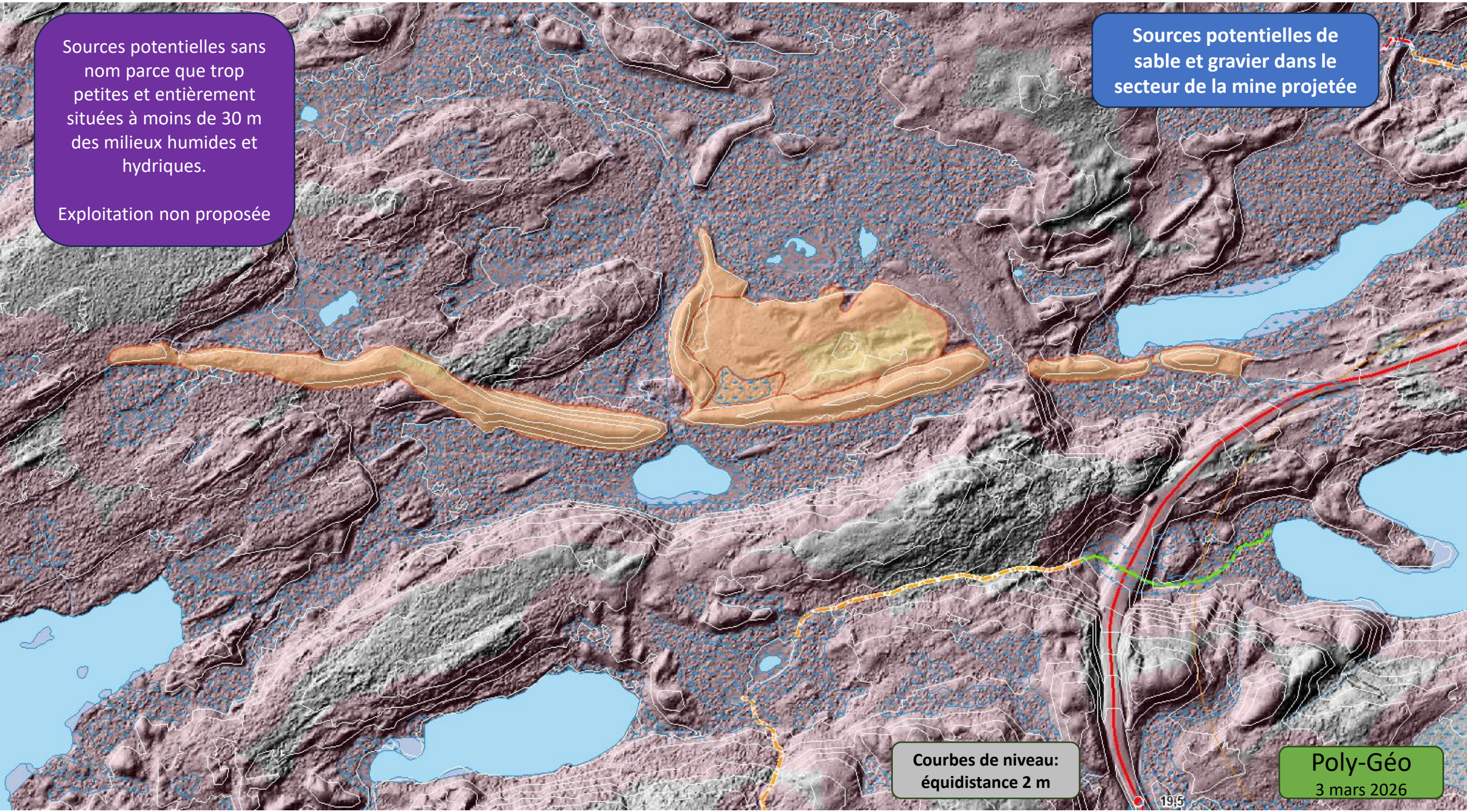

Sources potentielles sans nom parce que trop petites et entièrement situées à moins de 30 m des milieux humides et hydriques.
Exploitation non proposée
Sources potentielles de sable et gravier dans le secteur de la mine projetée
Courbes de niveau: équidistance 2 m
Poly-Géo
3 mars 2026
19.5

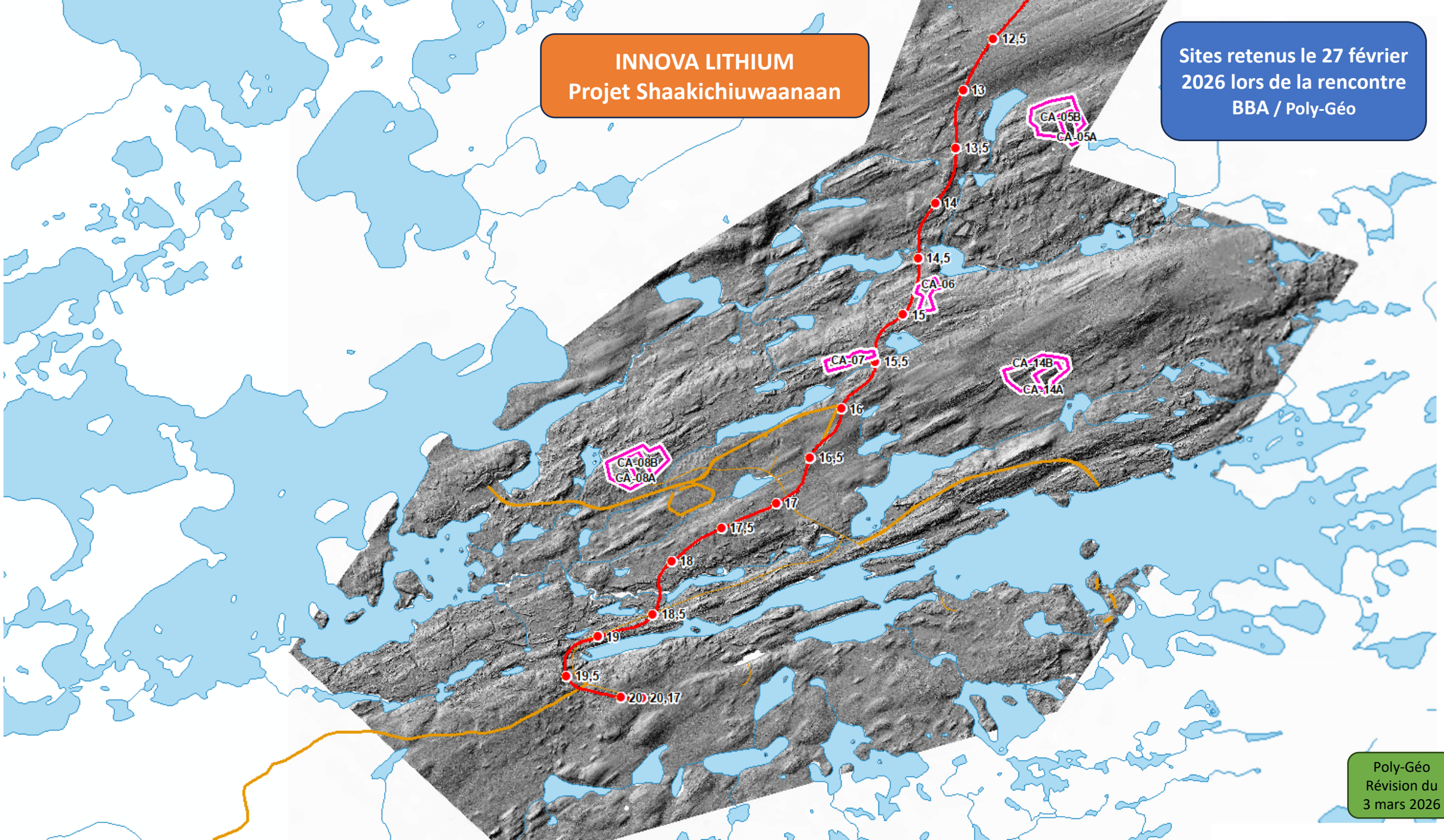
Tableau 1 : Dépôts de sable et gravier respectant les normes environnementales

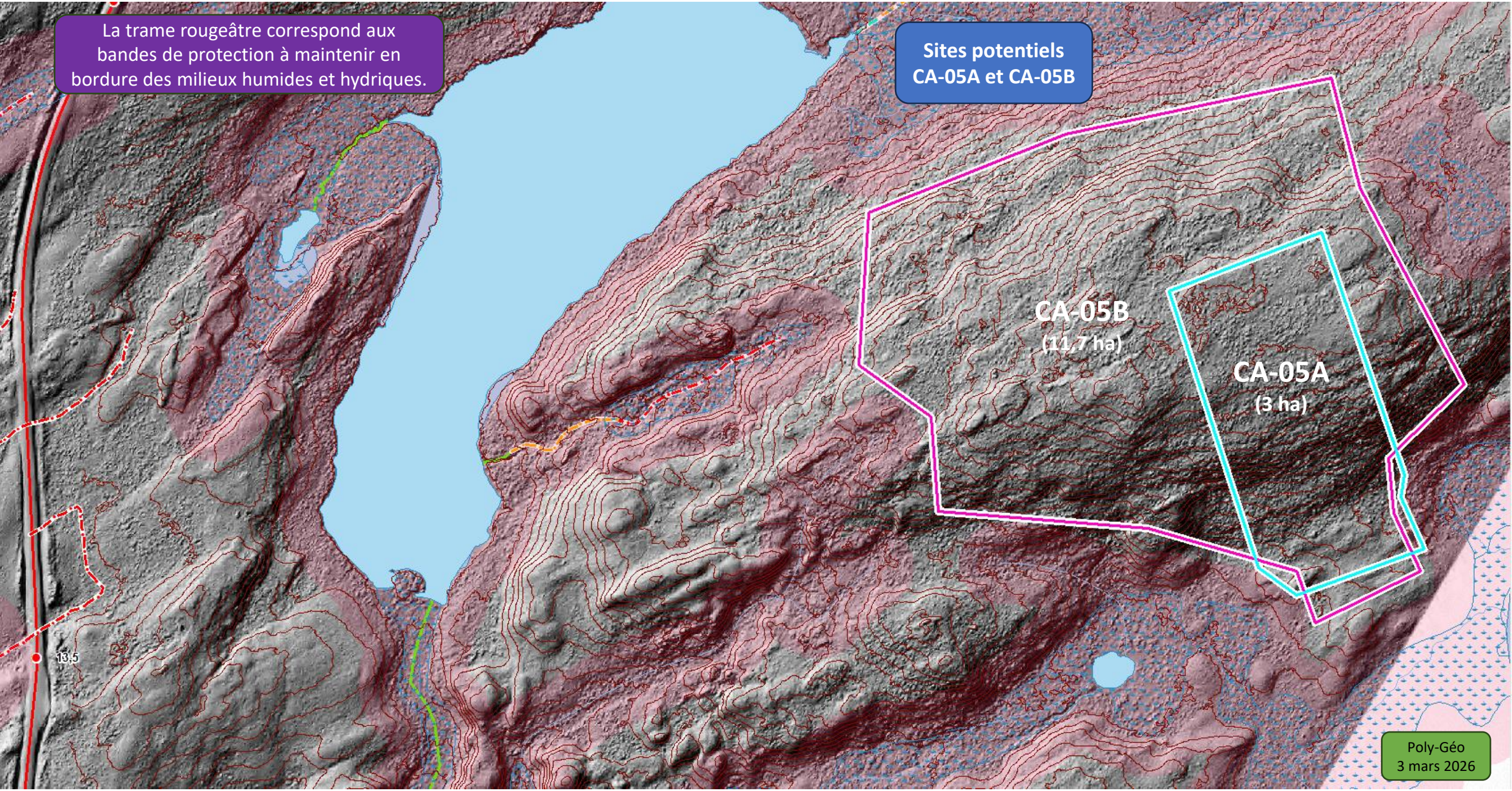
POLY-GÉO, 3 mars 2026

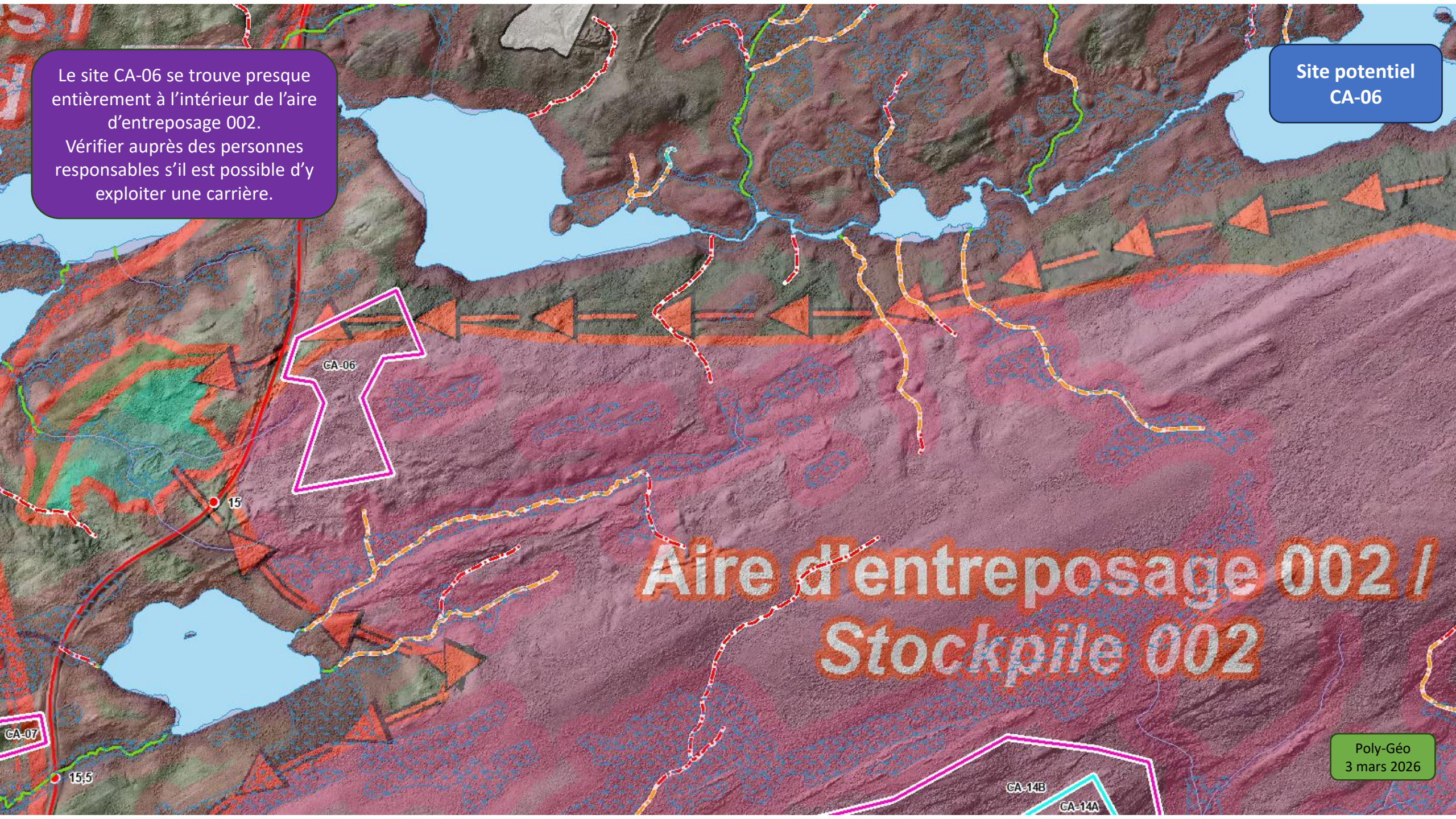
Numéro du dépôt	Coordonnées au centre du dépôt UTM 18, Nad 83		Localisation et distance par rapport à la route d'accès au site minier	Superficie du site	Principal type de matériaux interprété	Épaisseur exploitable estimée	Volume potentiel *	Remarques
	X (m)	Y (m)	Chaînage (km)	(ha)		(m)	(m^3)	
DG-01	572 996	5 938 412	Km 9,0 400 m à l'ouest de la route	1,0	Sable, sable et gravier	2 à 4	15 000	Volumes potentiels restreints.
DG-02	573 406	5 938 411	Km 9,1 20 m à l'ouest de la route	0,3	Sable, sable et gravier avec cailloux et blocs	2 à 3	5 000	Faible potentiel. La route recoupe le flanc est du dépôt.
DG-03	573 612	5 938 455	Km 9,1 100 m à l'est de la route	0,7	Sable, sable et gravier	2 à 3	8 000	Volumes potentiels restreints.
DG-04	574 270	5 938 726	Km 9,1 700 m à l'est de la route	1,7	Sable, sable graveleux	2 à 3	20 000	Volumes potentiels restreints.
DG-05	574 305	5 938 907	Km 9,0 850 m à l'est de la route	0,5	Sable, sable et gravier	2 à 5	10 000	Volumes potentiels restreints, mais le dépôt pourrait quand même présenter un certain intérêt parce qu'il se trouve dans l'axe du chemin qui devra être construit pour accéder au dépôt DG-06.
DG-06	574 838	5 939 031	Km 9,0 1,1 km à l'est de la route	11,0	Sable, sable et gravier avec cailloux et blocs	4 à 8	500 000	Grand dépôt fluvioglaciaire de fort potentiel. Le chemin d'accès au dépôt sera relativement facile à construire parce qu'il pourra emprunter la surface d'un esker sur la majeure partie de sa longueur.
***NOTE* : IL Y A D'AUTRES PETITS DÉPÔTS DE SABLE ET GRAVIER DANS LE SECTEUR DE LA MINE PROJETÉE, MAIS ILS SONT TOUS INUTILISABLES EN RAISON DES CONTRAINTES ENVIRONNEMENTALES**								

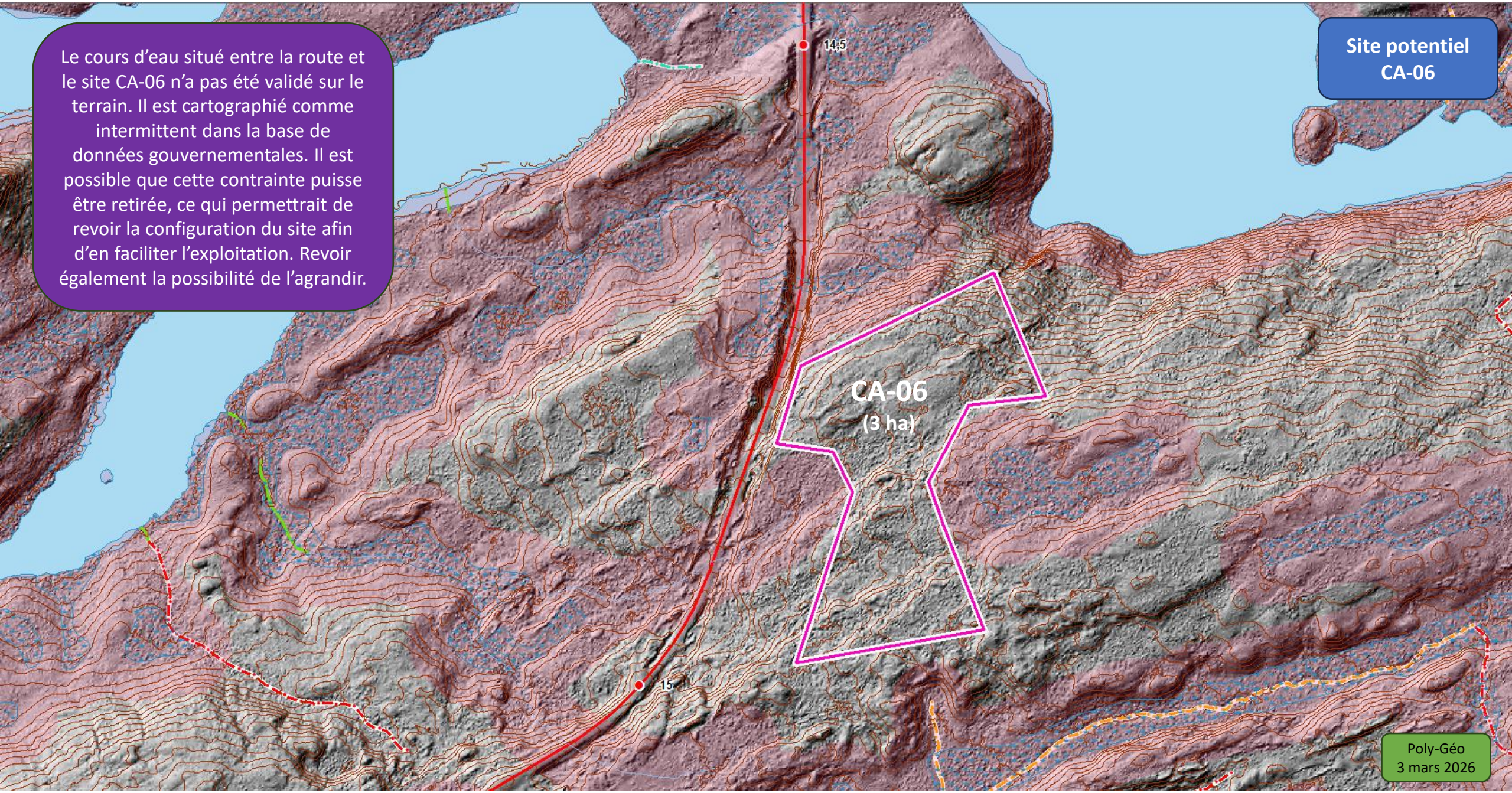
**** Les volumes potentiels ont été estimés par photo-interprétation, sans validation terrain. Ils pourraient donc être sensiblement sous-estimés ou surestimés selon la qualité réelle des matériaux, la profondeur de la nappe d'eau et la position réelle des milieux humides et hydriques environnants.***

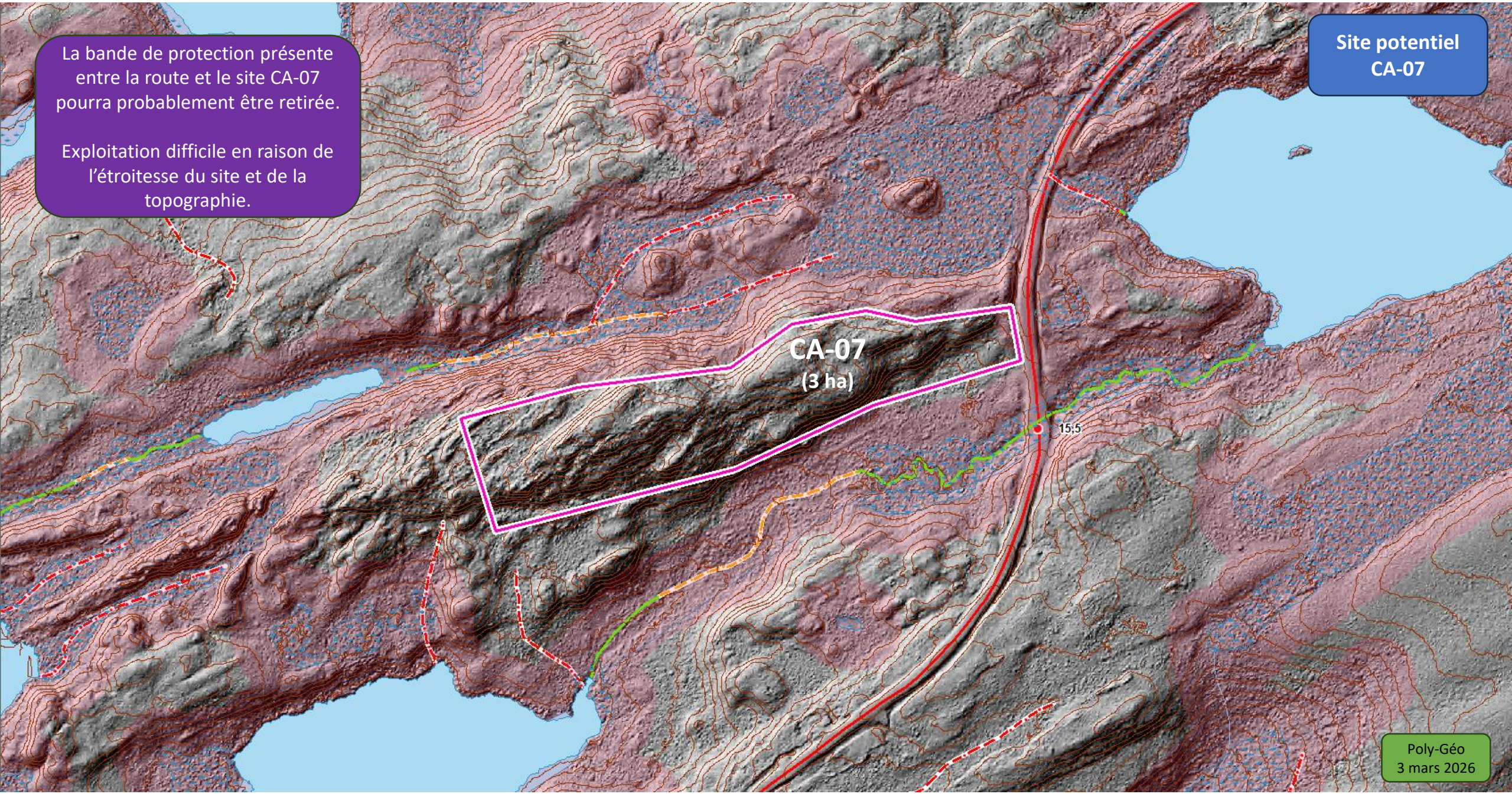
Annexe C : Carrières présélectionnées (Poly-géo/BBA)

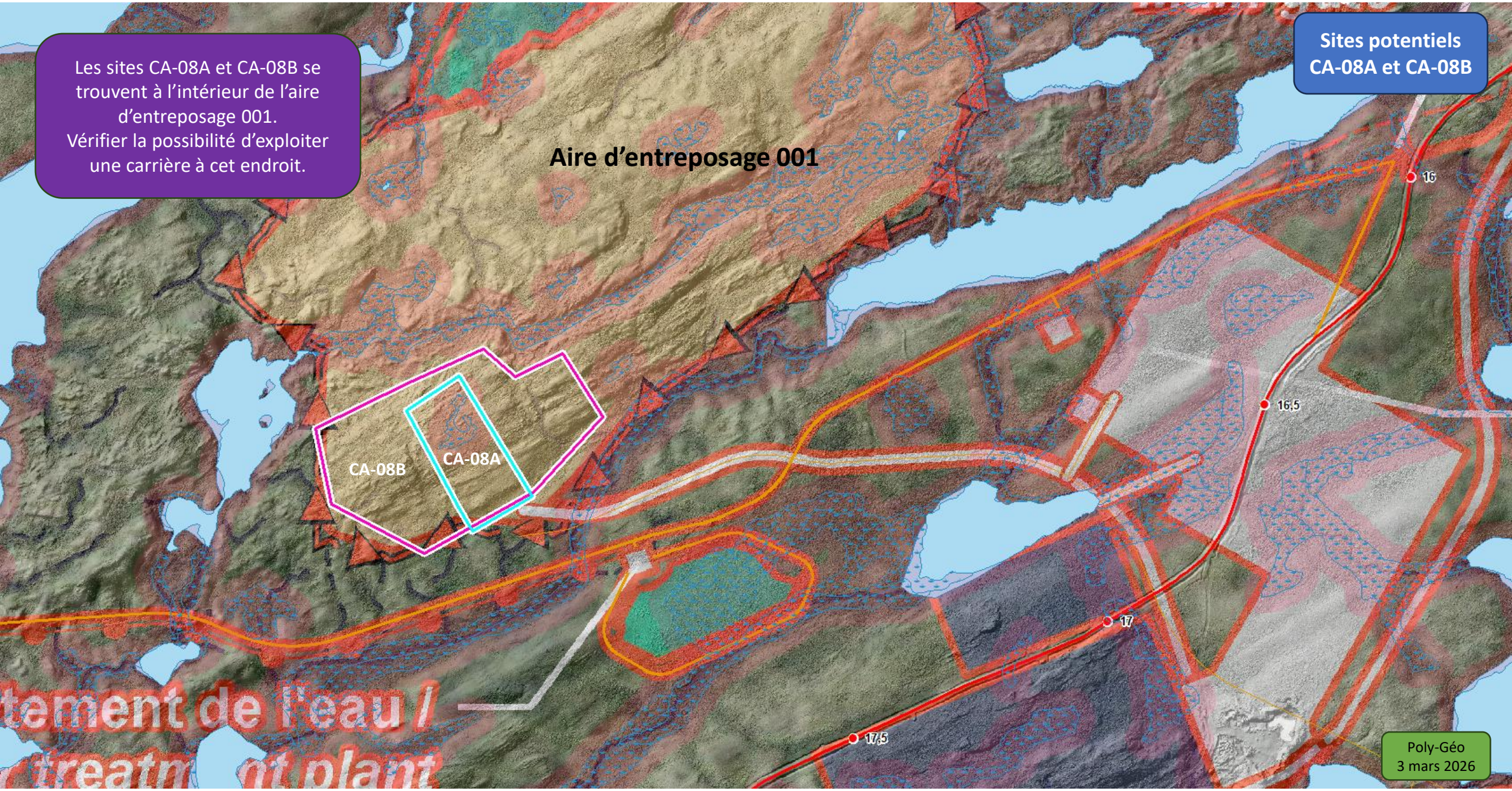

INNOVA LITHIUM
Projet Shaakichiuwaanaan
Sites retenus le 27 février 2026 lors de la rencontre BBA / Poly-Géo
12,5
13
13,5
14
14,5
15
15,5
16
16,5
17
17,5
18
18,5
19
19,5
20
20,17
CA-05B
CA-05A
CA-06
CA-07
CA-14B
CA-14A
CA-08B
CA-08A
Poly-Géo
Révision du
3 mars 2026

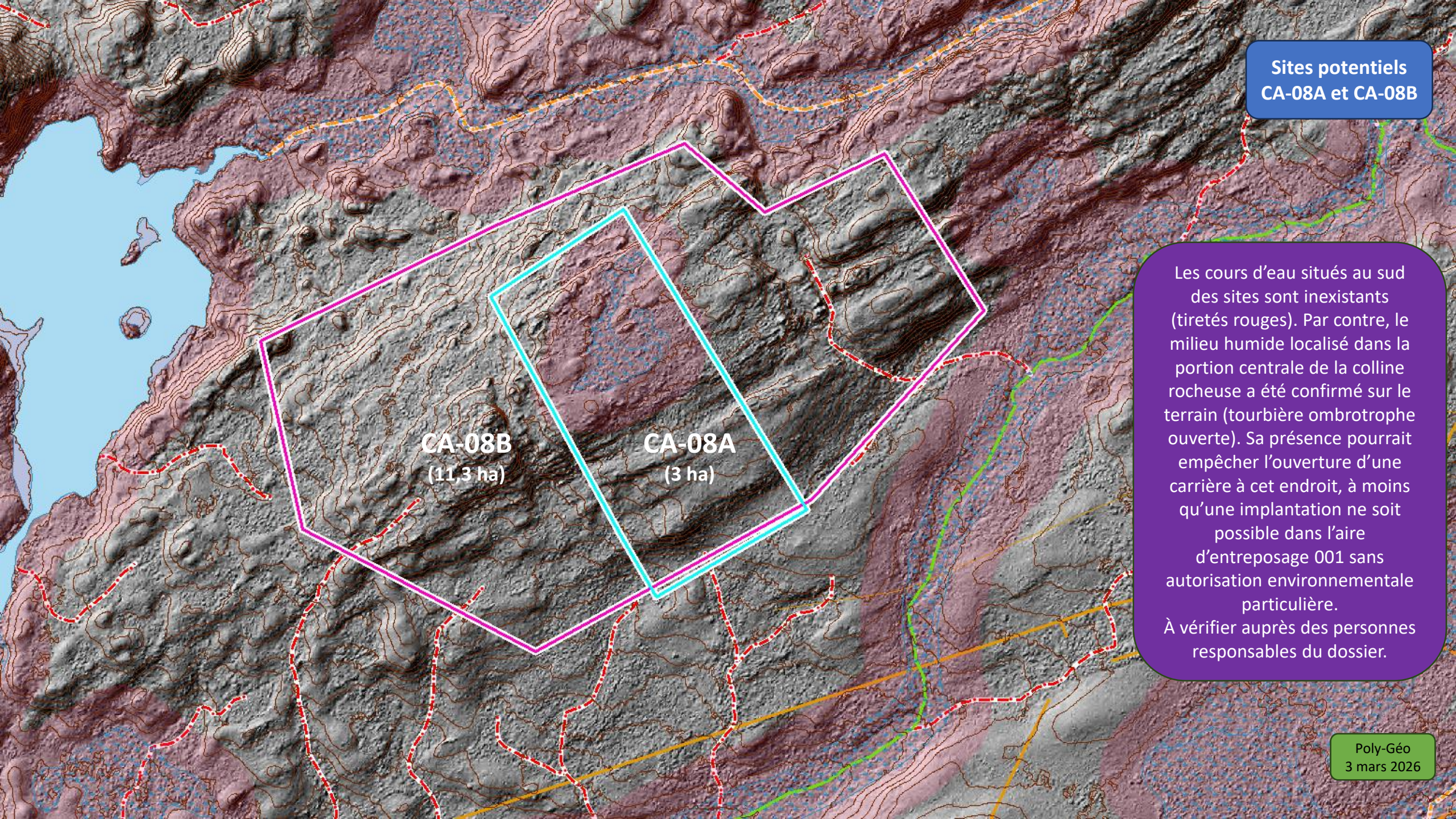

La trame rougeâtre correspond aux bandes de protection à maintenir en bordure des milieux humides et hydriques.
Sites potentiels CA-05A et CA-05B
CA-05B
(11,7 ha)
CA-05A
(3 ha)
13,5
Poly-Géo
3 mars 2026


Le site CA-06 se trouve presque entièrement à l'intérieur de l'aire d'entreposage 002.
Vérifier auprès des personnes responsables s'il est possible d'y exploiter une carrière.
Site potentiel CA-06
CA-06
15
Aire d'entreposage 002 / Stockpile 002
CA-07
15,5
CA-14B
CA-14A
Poly-Géo
3 mars 2026


Le cours d'eau situé entre la route et le site CA-06 n'a pas été validé sur le terrain. Il est cartographié comme intermittent dans la base de données gouvernementales. Il est possible que cette contrainte puisse être retirée, ce qui permettrait de revoir la configuration du site afin d'en faciliter l'exploitation. Revoir également la possibilité de l'agrandir.
Site potentiel CA-06
14,5
CA-06
(3 ha)
15
Poly-Géo
3 mars 2026


La bande de protection présente entre la route et le site CA-07 pourra probablement être retirée.
Exploitation difficile en raison de l'étroitesse du site et de la topographie.
Site potentiel CA-07
CA-07
(3 ha)
15.5
Poly-Géo
3 mars 2026

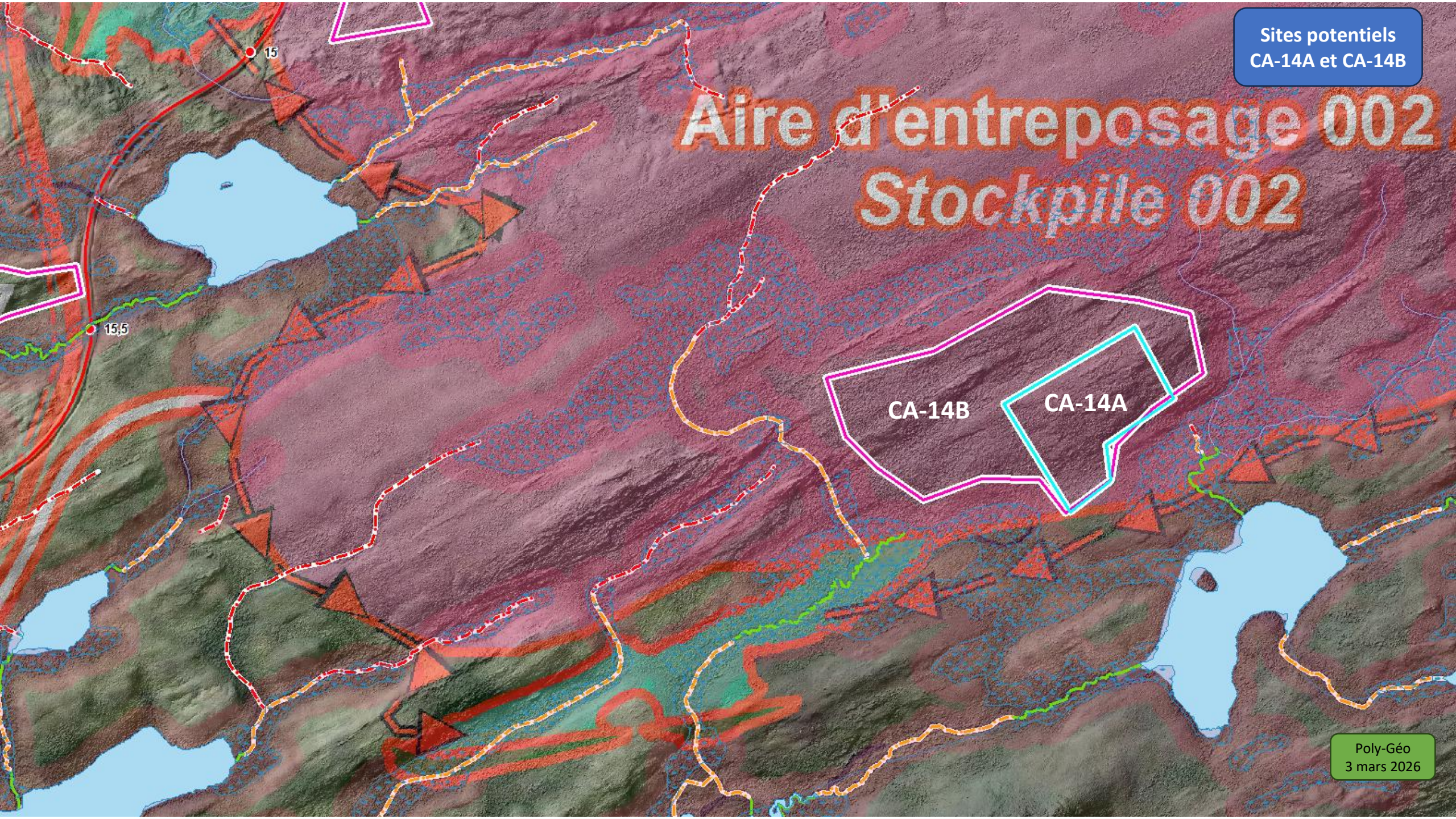

Les sites CA-08A et CA-08B se trouvent à l'intérieur de l'aire d'entreposage 001.
Vérifier la possibilité d'exploiter une carrière à cet endroit.
Sites potentiels CA-08A et CA-08B
Aire d'entreposage 001
CA-08B
CA-08A
16
16,5
17
17,5
Poly-Géo
3 mars 2026

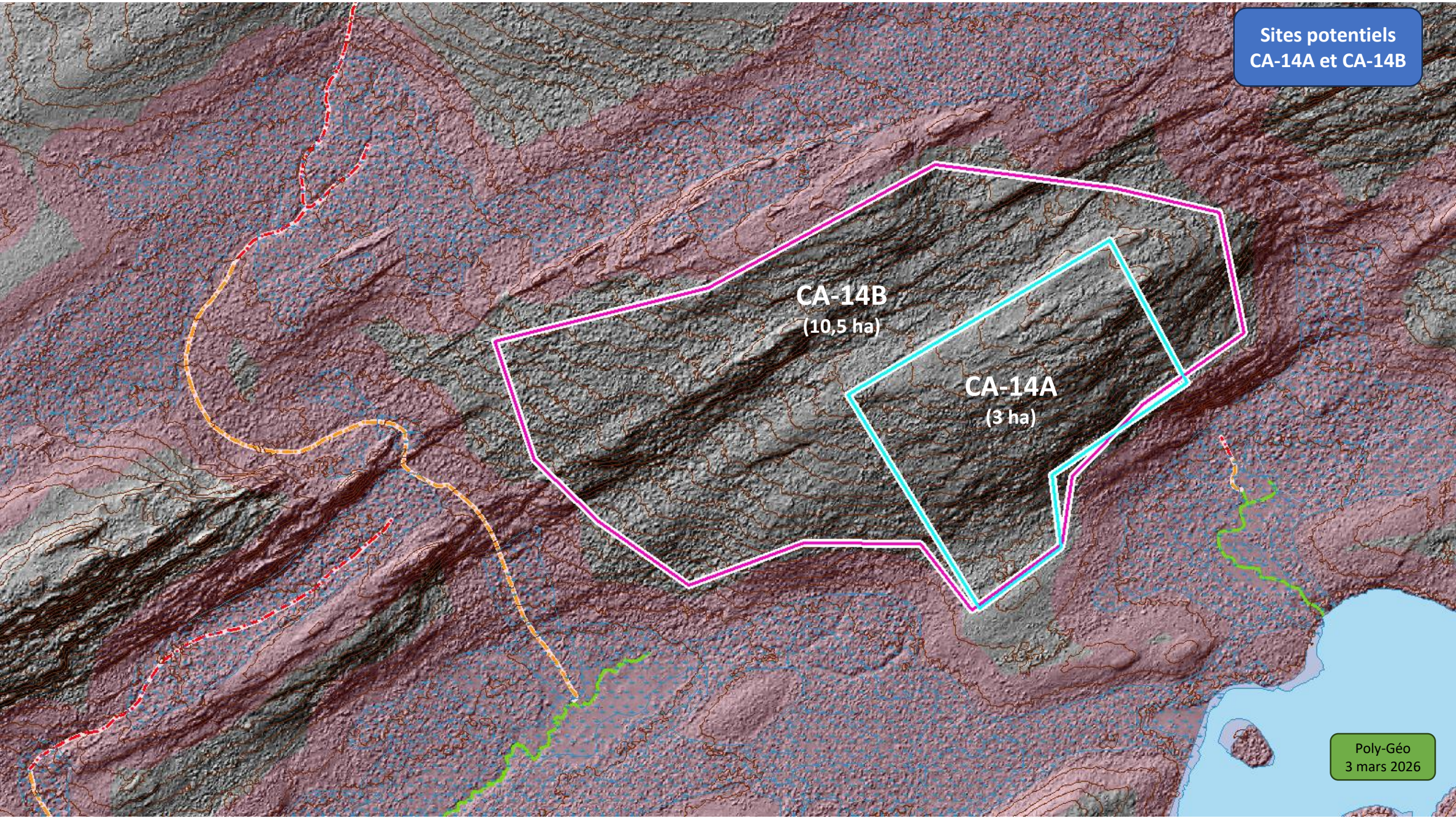


Sites potentiels CA-08A et CA-08B

Les cours d'eau situés au sud des sites sont inexistants (tiretés rouges). Par contre, le milieu humide localisé dans la portion centrale de la colline rocheuse a été confirmé sur le terrain (tourbière ombrotrophe ouverte). Sa présence pourrait empêcher l'ouverture d'une carrière à cet endroit, à moins qu'une implantation ne soit possible dans l'aire d'entreposage 001 sans autorisation environnementale particulière.
À vérifier auprès des personnes responsables du dossier.

Poly-Géo
3 mars 2026


Sites potentiels
CA-14A et CA-14B
Aire d'entreposage 002
Stockpile 002
CA-14B
CA-14A
15
15,5
Poly-Géo
3 mars 2026


Sites potentiels
CA-14A et CA-14B
CA-14B
(10,5 ha)
CA-14A
(3 ha)
Poly-Géo
3 mars 2026

INNOVA LITHIUM / IDENTIFICATION DE SITES POTENTIELS DE CARRIÈRES

Tableau 2 : Sites potentiels de carrières situés à proximité de la route d'accès et des principales infrastructures projetées *DOCUMENT PRÉLIMINAIRE RÉVISÉ* **POLY-GÉO, 3 mars 2026**

Numéro du site	Coordonnées au centre du dépôt UTM 18, Nad 83 X (m)	Coordonnées au centre du dépôt UTM 18, Nad 83 Y (m)	Localisation et distance par rapport à la route d'accès au site minier Chaînage (km)	Superficie du site (ha)	Type de roc selon SIGÉOM	Épaisseur exploitable estimée (m)	Altitude estimée du plancher d'exploitation (m)	Volume potentiel * (m^3)	Remarques
CA-01	574 096	5 943 109	Km 2,8 20 m au nord de la route	0,4	à venir	5 à 8		10 000	Site déjà exploité pour y extraire du till. Le roc a été atteint. Il reste cependant une mince couche de till (1 à 2 m) à la surface du roc sur le sommet de la colline.
CA-02	574 325	5 942 974	Km 3,1 10 m au SO de la route	0,7	à venir	5 à 8		25 000	Mince couche (1 à 2 m) de till à la surface du roc. Le site empiète légèrement sur une bande de protection associée à un milieu humide en bordure de la route. Ce milieu humide n'existe probablement plus en raison de la présence de la route. Contrainte à vérifier.
CA-03	574 481	5 942 749	Km 3,4	0,6	à venir	6 à 10		30 000	Mince couche (1 à 2 m) de till à la surface du roc.
CA-04	575 728	5 940 624	Km 5,8 250 m à l'est de la route	3,0	à venir	10 à 12		100 000	Importantes contraintes environnementales à valider. Photo-interprétation faite par WSP. Ne semble pas y avoir eu de vérifications sur le terrain. S'il y a effectivement contraintes, il y aurait peut-être lieu de proposer des mesures de mitigation ou de compensation au gouvernement.
CA-05A	572 737	5 934 776	Km 13,5 950 m à l'est de la route	3,0	Amphibolite dérivée de basalte	9 à 15	412	200 000	Aucune contrainte environnementale, mais chemin d'accès de près de 1 km à construire qui recoupera des milieux humides. Mince couche de till discontinue en surface.
CA-05B (agrandissement du site CA-5A)	572 638	5 934 831	Km 13,5 950 m à l'est de la route	11,7	Amphibolite dérivée de basalte	9 à 15	412	800 000 à 1 000 000	Aucune contrainte environnementale, mais chemin d'accès de près de 1 km à construire qui recoupera des milieux humides.L'agrandissment du site pourrait permettre de récupérer de 600 000 à 800 000 m³ de roc supplémentaire. Mince couche de till discontinue en surface.
CA-06	571 561	5 933 370	Km 14,8 20 m à l'est de la route	3,0	Amphibolite dérivée de basalte	5 à 10	390	200 000	La majeure partie du site se trouve à l'intérieur de l'aire d'entreposage 002, mais on évite les contraintes environnementales. Revoir la forme du site en fonction des données environnementales qui pourraient être recueillies sur le terrain cette année.
CA-07	570 900	5 932 821	Km 15,4 20 m à l'ouest de la route	3,0	Amphibolite dérivée de basalte	6 à 9	398	125 000	Le site potentiel de carrière se trouve entièrement en dehors des aires de protection environnementales. Il est cependant bordé par celles-ci. Sa forme étroite compliquera l'exploitation.
CA-08A	569 176	5 931 928	Km 17,5 750 m au NO de la route	3,0	Amphibolite dérivée de basalte	7 à 10	383	150 000	Présence d'un milieu humide (validé au terrain par WSP) sur le sommet de la colline rocheuse. Sa présence pourrait empêcher l'ouverture d'une carrière à cet endroit, à moins qu'une implantation ne soit possible dans l'aire d'entreposage 001 sans autorisation environnementale particulière. il y aurait donc lieu de vérifier auprès de la minière pour savoir si c'est possible d'y ouvrir une carrière.
CA-08B (agrandissement du site CA-8A)	569 154	5 931 938	Km 17,5 750 m au NO de la route	11,3	Amphibolite dérivée de basalte	7 à 10	383	450 000	Présence d'un milieu humide (validé au terrain par WSP) sur le sommet de la colline rocheuse. Sa présence pourrait empêcher l'ouverture d'une carrière à cet endroit, à moins qu'une implantation ne soit possible dans l'aire d'entreposage 001 sans autorisation environnementale particulière. il y aurait donc lieu de vérifier auprès de la minière pour savoir si c'est possible d'y ouvrir une carrière.L'agrandissement du site pourrait permettre de récupérer environ 300 000 m³ supplémentaire de roc.
CA-09	569 186	5 938 247	Km 20 20 m au nord de la route	**12,9**	à venir	15 à 25		900 000 à > 1,5M	Ce site est localisé à l'intérieur de la future fosse à ciel ouvert. Aucune contrainte environnementale susceptible de réduire l'aire d'extraction du site potentiel de carrière n'a donc été identifiée. Compte tenu de son emplacement dans l'emprise de la fosse, il n'a pas été jugé nécessaire de limiter sa superficie à 3 ha. Les volumes exploitables dépendront de la stratégie d'exploitation retenue par la minière et pourraient varier de façon significative, possiblement du simple au double, selon le scénario retenu.

INNOVA LITHIUM / IDENTIFICATION DE SITES POTENTIELS DE CARRIÈRES

Tableau 2 : Sites potentiels de carrières situés à proximité de la route d'accès et des principales infrastructures projetées ***DOCUMENT PRÉLIMINAIRE RÉVISÉ*** **POLY-GÉO, 3 mars 2026**

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CA-10	570 282	5 938 599	Km 20,2 1 km à l'ENE de la fin de la route	7,3	à venir	3 à 8		125 000 à 175 000	Ce site est également localisé à l'intérieur de la future fosse à ciel ouvert. Aucune contrainte environnementale susceptible de réduire l'aire d'extraction du site potentiel de carrière n'a donc été identifiée. Compte tenu de son emplacement dans l'emprise de la fosse, il n'a pas été jugé nécessaire de limiter sa superficie à 3 ha. Les volumes exploitables dépendront de la stratégie d'exploitation retenue par la minière et pourraient varier de façon significative, possiblement du simple au double, selon le scénario retenu.
CA-11	569 752	5 938 788	Km 18,5 350 m à l'est de la route	2,0	à venir	8 à 10		50 000	En bordure, mais à l'extérieur de la fosse à ciel ouvert, côté nord. Il y a des contraintes environnementales potentielles dans la moitié est du site. Vérifier leur validité au terrain.
CA-12	570 277	5 938 894	Km 18,5 650 m à l'est de la route	7,4	à venir	8 à 10		100 000 à 200 000	Ce site est localisé à l'intérieur de la future fosse à ciel ouvert, mais à sa limite nord. Son exploitation pourrait s'avérer difficile, voire impossible pour cette raison. Vérifier la possibilité de drainer le lac pour faciliter l'exploitation. Compte tenu de son emplacement dans l'emprise de la fosse, il n'a pas été jugé nécessaire de limiter sa superficie à 3 ha. REVOIR LA STRATÉGIE D'EXPLOITATION DU SITE AVEC LE PROMOTEUR.
CA-13	571 552	5 934 500	Km 16,9 1 km au SE de la route	3,0	à venir	5 à 8		100 000	Le site est ceinturé de bandes de protection associées à la présence de milieux humides. Canal de dérivation à franchir, mais une route secondaire est prévue dans le secteur (environ 100 m au nord).
CA-14A	572 564	5 932 687	Km 14,5 1,3 km à l'est du chemin	3,0	Amphibolite dérivée de basalte	9 à 13	397	175 000	Pas de contrainte environnementale d'après les données disponibles. Par contre, le site se trouve entièrement dans l'aire d'entreposage 002 et relativement loin de la route.
CA-14B (agrandissement du site CA-14A)	572 462	5 932 713	Km 14,5 1,3 km à l'est du chemin	10,5	Amphibolite dérivée de basalte	9 à 15	397	750 000	Pas de contrainte environnementale d'après les données disponibles. Par contre, le site se trouve entièrement dans l'aire d'entreposage 002 et relativement loin de la route. L'agrandissement du site pourrait permettre de récupérer environ 575 000 m³ de plus.

**** Les volumes potentiels ont été estimés par photo-interprétation et à l'aide d'un modèle numérique de terrain, sans validation terrain. Ils pourraient donc être sensiblement sous-estimés ou surestimés selon la qualité réelle des matériaux, la profondeur de la nappe d'eau et la position réelle des milieux humides environnants.***

APPENDIX

5-10 FEASIBILITY STUDY FOR TAILINGS, WASTE ROCK AND WATER MANAGEMENT

AtkinsRéalis	TECHNICAL NOTE Feasibility Study Report		
	Document No.: Document number: CASN-A-370-GT-REP-0001 *AtkinsRéalis: 702381-0000-40ER-0001*	**Rev.** C	**Date:** February 13, 2026

Title of document: **FEASIBILITY STUDY FOR TAILINGS, WASTE ROCK AND WATER MANAGEMENT**

Client: **PATRIOT BATTERY METALS INC.**

Project: **SHAAKICHIUWAANAAN LITHIUM PROJECT**

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List of Revisions

#	Prep.	Rev.	App.	Date	Pages	Remarks
PA	AC/GM/HT/SP	PA	BM	Nov 3	All	Internal review
PB	AC/GM/HT/SP	PB	BM	Nov 12	All	Issue for client's comments
C	AC/GM/HT/SP	C	BM	2026-02-09	All	Issued for feasibility study

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1. Introduction

AtkinsRéalis has been retained by Innova, a wholly owned Québec subsidiary of Patriot Battery Metals Inc., for a feasibility study for waste and water management for the Shaakichiuwaanaan Mining Project. The site is in the Eeyou Istchee James Bay region of Québec, Canada, with coordinates of 53°32'00" N, 73°55'00" W. It is approximately 220 km east of Radisson and about 240 km north-northeast of Nemaska. The Property comprises 463 mineral claims, covering roughly 23,710 hectares across two main claim groups. The largest of these groups extends nearly continuously for about 51 km in an east-west direction.

The project will extract spodumene from a pegmatite deposit using a hybrid method that includes open-pit and underground mining. In the initial phase (2029-2034), the estimated annual production rate will be 400 ktpa at a grade of 5.5% lithium oxide (Li2O) concentrate. This will increase to 800 ktpa in the expansion phase (2031-2051). The operating life of the project is currently estimated to be 23 years.

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2. Site and Project Information

The project is expected to generate approximately 155.7 million tonnes (Mt) of waste rock, 14.0 Mt of overburden, and 71.1 Mt of tailings for disposal. Two types of waste rock will be produced: metal-leaching or potentially acid generating waste rock (estimated at 81.0 Mt) and non-leaching “Low Risk” waste rock (73.1 Mt).

The development of the open pit is planned in two phases. The West Pit will be from 2029 to 2034, while expansion to the east, referred to as the East Pit is scheduled for 2034 to 2045. Underground mining operations will run from 2031 to 2051. Before the commencement of the West Pit , a cutoff dyke (Stage 1) will be constructed in Lake 001 together with a diversion ditch. This will allow for the pit development within the western portion of Lake 001 and continued discharge from Lake 001 to Lake 007, around the open pit. A second cutoff dyke and ditch, located to the east will be required for the East Pit development. The dyke and diversion ditch will maintain the water level of Lake 001 at the current elevation of approximately 373 meters above sea level (m.a.s.l.) and redirect water around the northern perimeter of the pit.

Figure 2 provides a general overall site plan. The project components and activities at the site will include the construction, operation and eventual decommissioning and closure of the following key elements:

- The West and East open pits;
- The underground mine;
- Mineral processing infrastructure and site buildings;
- Stockpile 001, containing Low Risk waste rock, and associated ditches and storage pond;
- Stockpile 002, containing Low Risk waste rock, filtered tailings and potentially acid generating waste rock, and associated ditches and ponds;
- Stockpiles 004 and 005 containing overburden;
- Two organics and topsoil stockpiles;
- Low grade ore stockpiles;
- A polishing pond;
- Two sedimentation ponds;
- A water treatment plant;
- Access roads;
- Power / transmission lines;
- A Mine camp, and
- Other ancillary infrastructure and equipment.

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3. Supporting Studies

3.1 Previous Studies and Reports

The previous studies and reports related to waste and water management are listed below:

- Patriot Battery Metals: Site selection study for waste disposal (completed but not reviewed by AtkinsRéalis);
- Geotechnical Investigations and Reports:
  - BBA, 2024. Technical Report Geotechnical Campaign for Phase 1 Diversion Dams, 7535009-000000-4G-ERA-0001-RAA;
  - BBA, 2024. Technical Report Geotechnical Campaign for Phase 2 (factual), 7535009-020001-4G-ERA-0003-RAA, and
  - BBA, 2024. Technical Report Factual Report of 2024 Geotechnical Diamond Drill Investigation, CV5 Site, 75350179-000000-4M-ERA-0003-R00.
- The geotechnical investigations and factual report include 22 boreholes within the proposed Stockpile 001 and 002 footprints and 6 boreholes within the process plant area, 11 boreholes within Lake 001 and proposed diversion ditch location, 1 borehole in the location of the temporary overburden stockpiles, and associated laboratory testing (grain size analysis, water content, Atterberg limits, specific gravity, unconfined compressive strength of bedrock).

Geochemical, water management and hydrogeology studies have also been completed and were reviewed for the feasibility study. The principal references are:

- Analysis and Interpretation of the CV5 Static and Kinetic Geochemistry Characterization Results – Technical Report submitted by BBA on May 23, 2024. Reference 7535001-000500-4E-ERA-0001 R00;
- Geochemical Modelling of Arsenic Leaching Risk for CV5 Waste Rock Stockpiles – Technical Report submitted by BBA on July 3rd, 2024. Reference 7535001-003200-4E-ERA-0001-R00;
- Geochemical Characterization of Mine Waste Materials & Modelling of Waste Rock Stockpiles for the Shaakichiuwaanaan Project (CV5 Pegmatite): Feasibility Study Update. Preliminary report submitted by Vision Geochemistry, 27 September 2025. Ref. 2405007-TR1;
- Water Management Plan and Water Diversion – Technical Report submitted by BBA on September 11, 2024. Reference 7535006-014000-41-ERA-0002-R00;
- Hydrogeological Baseline Study – Future Open Pit CV5, Corvette Lithium property – Technical report submitted by BBA on September 23, 2024, reference 7535001-001900-41-ERA-0002-R00;
- Hydrogeological Characterisation – CV5 mining site Shaakichiuwaanaan Lithium Property submitted by BBA on July 4, 2025. Reference 753019-000000-41-ERA-0002-R00;
- Packer Testing Factual Report – Technical report submitted by BBA on July 9, 2025. Reference 7535019-000000-41-ERA-0001-R00;
- Hydrogeological characterisation – Water supply well, Shaakichiuwaanaan Lithium Property submitted by BBA on July 9, Reference 20257535019-000000-41-ERA-0003-R00.

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In addition, other information was supplied and reviewed;

- Aerial site survey to a level of accuracy of +/- 0.5 m;
- General site layout of site infrastructure from GMining (revision 5 May 2025);
- The open pit shell and underground mine were provided by G Mining on 5 May 2025;
- Lidar, Bathymetry and Canadian Digital Elevation Model (DEM) (NRCAN, 2011);
- Bathymetry for Lake 001 and Lake 027;
- Surface geology maps from Ministère des Ressources naturelles et des Forêts (https://www.donneesquebec.ca/recherche/fr/dataset/carte-des-depots-de-surface-du-nord-quebecois);
- Geological model provided by PB Metals on 06 November 2024;
- Structural geology (faults, joints and other structures) was provided within the geological model provided by PB Metals on 25 January 2025. The hydrogeological nature of these faults and joints was determined using the RDQ and geological description;
- Seismic data from the National Building Code of Canada (NBCC);
- Freshwater intake is located at Lake 317, located to the northeast of the process plant;
- Process Design Criteria (Primero, 2024);
- Available baseline data such as environmental constrains, sensitive and unique ecosystems, surface water bodies, property limits, Mineral Resources, and mining claims. All this information was integrated into a geographic information system, and
- PEA Highlights Shaakichiuwaanaan Project as a Potential North American Lithium Raw Materials Supply Base. Patriots Battery Metals Inc. August 2024.

3.2 Meteorology

In the Shaakichiuwaanaan region, the average annual temperature is around -3.1 degrees Celsius. The average annual precipitation is 772 mm, which includes 518 mm of rainfall and 254 cm of snowfall. The average annual lake evaporation is 421 mm, and maximum evapotranspiration under average conditions is 390 mm. More detailed information is available on the baseline hydrology report (AtkinsRéalis, 2025c).

The climate data, including precipitation, snowfall, rainfall, and temperature, were obtained from available data for four Environment Canada (EC) meteorological stations:

- Station La Grande IV (Station ID: 7093GJ5);
- Station La Grande IV A (Station ID: 7093GJ3);
- Station La Grande 4 A (Station ID: 7093714), and
- Station Nitchequon (Station ID: 7095480).

This information was collected and processed to establish the baseline hydrology for the project (AtkinsRéalis, 2025c).

3.3 Geology

The Shaakichiuwaanaan Property, located in the Archean Superior Province of the Canadian Shield, lies in the La Grande sub-province, near the Opinaca sub-province, and is renowned for its robust exploration potential for commodities, including base metals, precious metals, and lithium (PEA, 2024). The La Grande sub-province, a geological marvel, showcases a volcano-plutonic structure aligned with the Wemindji Caniapiscau corridor. It comprises two primary domains, the Eastmain River Belt and the La Grande River Belt, each with its unique geological features (PEA,2024).

The Property is situated within the La Grande River Belt, characterized by volcanic and sedimentary rocks, including two ancient volcanic sequences and interstratified metasediments (PEA, 2024). The La Grande sub-province is bordered to the north by the plutonic Bienville sub-province and to the south by the metasedimentary and plutonic Opinaca sub-province (Lucas & St-Onge, 1998; Houle, 2004; Percival, 2007). The La Grande and Opinaca sub-provinces contain many of Québec's known spodumene pegmatite occurrences (PEA, 2024).

Metamorphism in the region varies from greenschist facies at the center to amphibolite facies at the edges (Card, 1986; Houle, 2004). Structural trends shift from east-west in the southwest to northeast-southwest in the north, primarily formed between 2700 and 2680 Ma (Percival et al., 2012). The area is not just about potential; it is about significant discoveries that have already been made. It contains significant nickel-copper deposits associated with komatiitic flows, ultramafic intrusions, and notable spodumene pegmatite occurrences (PEA, 2024). Regional Bedrock Geology

3.4 Geotechnical

A geotechnical site investigation and factual report were completed in 2023 and 2024 (BBA 2025). The investigation included the two stockpile locations, the industrial area and within Lake 001. Condemnation drilling has been completed within the Stockpile 001 and 002 footprints. The investigation for Stockpile 001 included 19 boreholes, sampling and laboratory testing. The soil profile for Stockpile 001 is summarized below:

- Organics are encountered across the whole footprint, ranging from 0.1 to 0.9 m thick (average 0.4 m) with the greatest depth at the center of the footprint. Organics directly overlay bedrock at the eastern edge of the footprint;
- ML (a soil unit of Silt/Sandy Silt/Silt with Gravel) is encountered only on the western edge of the footprint to depths ranging from 0.8 to 1.4 m bgs, overlaying GM and cobbles/gravel;
- SM (a soil unit of Silty Sand/Silty Sand with Gravel) is encountered only on the northern and southern portions of the footprint (not in the center), overlaying cobbles/gravel or bedrock. This soil unit is found to depths ranging from 0.9 to 3.1 m bgs, with the greatest depth occurring at the northeastern corner of the footprint;
- GM is encountered in select areas at the western edge and center of the footprint (generally 1 m thick). It is overlain by ML at the western edge and organics at the center and is underlain by cobbles/gravel;
- Cobbles/gravel are generally found across the whole footprint, excepting at the eastern edge, directly overlaying bedrock;
- Depth to bedrock ranges across the footprint from 0.6 to 5.7 m bgs; elevation of the bedrock surface ranges from 360 to 392 m asl. It generally dips northwest; its greatest depth is at the western edge and its shallowest is at the eastern edge, and
- Groundwater depths range from 0.13 to 0.51 m bgs. With the variations in ground surface, groundwater elevations range from 365 to 389 m.a.s.l.

AtkinsRéalis - Sensitive / Sensible [FR]

The investigation for Stockpile 002 included 12 boreholes, sampling and laboratory testing. The soil conditions encountered in the Stockpile 002 footprint are variable and are as follows:

- Organics are encountered across the whole footprint, ranging from 0.1 to 1.5 m thick (average 0.4 m). Depth varies across the footprint with a localised low at the southwestern corner in the footprint of Collection Pond 04;
- ML (a soil unit of Silt/Sandy Silt/Silt with Gravel) was encountered only at the northeastern corner of the footprint to a depth of 1.8 m bgs, overlaying SM, GM, and cobbles/gravel;
- SM (a soil unit of Silty Sand/Silty Sand with Gravel) was encountered across the whole footprint overlaying GM, and/or cobbles/gravel, and bedrock. This soil unit is found to depths ranging from 0.5 to 13.4 m bgs, varying with bedrock surface, with the greatest depth at the center of the stockpile footprint;
- GM (a soil unit of Silty Gravel with Sand/Gravel with Silt and Sand) was encountered in select areas near the center of the footprint and at its eastern edge. It is overlain by SM and overlies cobbles/gravel and bedrock. Depth and thickness of this soil unit varies across the footprint;
- Cobbles/gravel is encountered in select areas near the center of the stockpile footprint and at its eastern edge. Depth and thickness of the soil unit varies across the footprint;
- Depth to bedrock ranges across the stockpile footprint from 0.3 to 18.8 m bgs; elevation of the bedrock surface ranges from 374 to 440 m asl. Bedrock is at its highest elevation at the center of the eastern half of the footprint and is at its lowest elevation at the center of the western half of the footprint, and
- Groundwater depths range from 2.08 to 3.07 m bgs. With the variations in ground surface, groundwater elevations range from 393 to 418 m.a.s.l.

The Industrial Area is considered to comprise the Process Plant, Paste Plant, Permanent Camp, Electrical Substation, and Water Treatment Plant. The investigation for the Industrial Area included 9 boreholes, sampling and laboratory testing. The soil profiles underlying the proposed Process Plant and associated infrastructure footprints indicate that the primary soil unit impacting the foundation considerations is a compact to dense, gravelly, non-cohesive sand material (USCS symbol SM) which is encountered at shallow depths. Bedrock is at a generally shallow depth however, there is a dip at the southeastern edge of the Process Plant footprint.

There is no soil profile/geotechnical information at the location of the proposed Water Treatment Plant. Using information from nearby geotechnical boreholes (within 250 m), it is expected that the primary soil unit impacting foundation considerations is the same as in the rest of the Industrial Area footprint. Bedrock may be encountered at approximately 5 m bgs. For subsequent phases of design, geotechnical boreholes are recommended to be advanced within the Water Treatment Plant footprint.

3.5 Geochemistry

A geochemical study was conducted (Vision, 2025) on the materials generated by mining activities, primarily the tailings from ore processing and the waste rock. The tests were designed to evaluate the samples in accordance with the MELCCFP guidelines, specifically the Guide de caractérisation des résidus miniers et du minerai (MELCC, 2020), now under the MELCCFP (Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs).

Based on the results, the expected contaminants and their concentrations in the effluents from various stockpiles, tailings, and waste rock have been reported (Vision, 2025). Those concentrations are given in the sections related to the water treatment. Additionally, the NI 43-101 press release (PMET, 2025a) provides a classification of the tailings and waste rock.

Tailings have been classified as non-potentially acid generating (Non-PAG) but metal leaching (ML) according to MELCCFP guidelines.

Overall, 26.7% of the waste rock samples were classified as potentially acid generating (PAG). As a result, a segregation protocol has been recommended to mitigate the risks associated with PAG materials. Two categories of waste rock have been identified: one classified as PAG/ML, and the other as Non-PAG/Non-ML.

Stockpile 001 and the in-pit deposition will contain non-potentially acid-generating/non-metal leaching (NON-PAG/NON-ML) waste rock. Stockpile 002 will store potentially acid-generating/metal-leaching (PAG/ML) waste rock and non-PAG/ML tailings material.

3.6 Hydrogeology

The hydrogeological baseline was developed using publicly available information as well as fieldwork investigations carried out in 2023 and 2024. All data was compiled to determine the different hydrostratigraphic units, assess the overall hydraulic properties of the units, the groundwater flow and groundwater quality.

The site is surrounded by water bodies such as lakes and marshy areas, and the topography is generally flat with small hills such as drumlins and rock outcrops.

Two hydrostratigraphic units are present at the site, the overburden unit and the bedrock unit. The overburden unit at the study area is discontinuous and varies in thickness from 0 m to 58 m but generally around 8 m when present. It is comprised of a thin layer of organic material over undifferentiated till or drumlins. The till is mainly composed of silty sand, silt or sand with occasional gravel and trace amounts of clay becoming gravelly with depth. The overburden is water bearing but due to its discontinuous nature, it is not considered a large-scale aquifer. The bedrock unit generally consists of alternating gray and green amphibolite, wacke and pegmatitic intrusions. The RQD shows that the rock is generally of good quality with low fracturing. The bedrock outcrops at several locations within the study area.

In 2024, the groundwater level in the overburden was generally encountered at depth between 0.1 and 2.7 m below ground surface (bgs). The groundwater levels in the bedrock range from 0.1 to 3.1 m bgs with two locations reaching more than 7 m bgs. Groundwater flow in the overburden and shallow bedrock follows topography, with groundwater generally flowing from topographic highs, which act as recharge areas, towards the lakes and wetlands. In general, groundwater flows towards Lake 001 and Lake 027. The vertical hydraulic gradient between the overburden and the bedrock units is downwards in topographic highs, where groundwater occurs, and upwards in other areas and below Lake 001. Preliminary seasonal variation was assessed in three boreholes, showing that the highest groundwater elevation was generally in May and June during the spring freshet.

The overburden hydraulic conductivity was assessed through various hydraulic testing methods such as infiltration test in the vadose zone and rising and falling head tests in the saturated zone. The hydraulic conductivity of the vadose zone range between 1.6×10^{-6} and 4.1×10^{-5} m/s while the hydraulic conductivity in the saturated overburden ranged between 2.9×10^{-8} to 3.9×10^{-6} m/s with a geometric mean of 1.1×10^{-6} m/s.

The bedrock hydraulic conductivity was assessed through lugeon tests, where specific intervals were tested, as well as rising and falling head tests and pumping tests. The geomean hydraulic conductivity of the bedrock is 5 8 x 10^{-8} m/s, with a maximum of 2.0 x 10^{-6} m/s and a minimum of 8.6 x 10^{-10} m/s. No correlation could be found between RQD and hydraulic conductivity, thus suggesting that flow within the bedrock is dominated by discrete features that are not captured by the RQD measurements. Slug and packer test results suggest that hydraulic conductivity in the bedrock decreases with depth.

Two groundwater sampling campaigns were carried out in six observation wells in the proposed CV5 pit, and 15 observation wells within the footprint of the proposed stockpiles. The background groundwater is a magnesium bicarbonate type exceeding the drinking water criteria for the following metal: arsenic (bedrock groundwater only), manganese, molybdenum, and antimony and the seepage into surface water criteria for copper. Several exceedances of the drinking water criteria were also encountered for ammoniacal nitrogen and sulfides.

4. Design Criteria

The design criteria for water and waste management are provided in detail in Atkins Realis (2025c) (see **Appendix A**). Most relevant criteria are provided in the following sections.

4.1 Tailings and Waste Rock Management

4.1.1 Operating Data

Operating data is required for the sizing of the tailings and waste rock facilities and flow (water balance) modelling. The key data provided by Patriot Battery Metals and laboratory testing are listed below :

- Life of mine is 22 years;
- Mill throughput ramps up from 2.5 Mtpa for Stage 1: DMS Plant to 5.0 Mtpa for Stage 2 DMS Plant dual train;
- Total tonnage of tailings produced is 71.1 million tonnes;
- Tailings disposal location: Year 1 to 22 Stockpile 002, Year 3 to 22 as paste backfill for underground mine;
- Total tonnage of tailings to Stockpile 002 is 54 million tonnes;
- Tailings specific gravity = 2.68;
- Tailings particle size: P_{80} = 7.68 mm, non-plastic;
- Tailings discharge solids content = 88% (Ws/Wt);
- Total tonnage of waste rock: 155.2 Mt of which 74.2 Mt is Low Risk and 81.0 is potentially acid generating/metal leaching;
- Total tonnage of overburden: 14 Mt, and
- Waste rock disposal locations: Low Risk waste rock to Stockpile 001 for Year 1 to 9 and then to the Open Pit and potentially acid generating waste rock to Stockpile 002 from Year 1 to Year 22.

4.1.2 Hazard Classifications

Stockpile 001 is used exclusively for waste rock disposal. Stockpile 002 is used for both waste rock and filtered tailings disposal. The tailings and waste rock will be placed adjacent in Stockpile 002. The stockpiles will be non-water retaining structures and are designed to shed surface water to the perimeter ditches at the toe of the stockpile.

Directive 19 on the Mining Industry (MELCCFP, 2025) considers a dry stack to be an impoundment area without water retention. This defines the design criteria for the drainage system and earthquake resistance. Directive 019 refers to the Quebec guide (MRNF, 2024) for the minimum factors of safety for overburden stockpiles, which serve as the design criteria for this study. According to the Global Industry Standard on Tailings Management (GISTM, 2020), new tailings storage facilities (including dry stacks) should meet the design criteria corresponding to the “Extreme” consequence classification for post-closure conditions. This classification was used to determine the return interval of the seismic event that was used in the stability analysis. The CDA Technical Bulletin on the Application of Dam Safety Guidelines to Mining Dams (CDA, 2019) clarifies that a tailings facility without ponded water, such as a dry stack, can be designed according to guidelines for dumps and overburden stockpiles, provided that the dry stack materials are neither liquefiable nor able to flow.

Stockpile 001, Stockpile 002, Overburden Pile 004 and Overburden Pile 005 have therefore all been classified using the Hawley and Cunning (2017) classification system for waste dumps. Stockpile 001 and Stockpile 002 are both classified as Moderate Hazard (WHC III). Overburden Piles 004 and 005 are classified as Low Hazard (WHC II).

The Containment Ponds for the stockpiles have been classified in terms of the CDA (2013) guidelines as Significant.

The dams within Lake 001 for the diversion must be classified in terms of Quebec Dam Safety Act, as they will be constructed within an existing water course. These dams are classified as “Class B”.

4.1.3 Seismicity

Peak Ground Acceleration (PGA) values have been obtained and extrapolated from NBCC (2020) as follows:

- 0.0642g for 1 in 2,475-year event, and
- 0.2g for 1 in a 10,000-year event.

4.1.4 Stockpile Stability

The minimum factors of safety for the stockpiles are based on BCMWRPRC, 1991a and Hawley and Cunning, 2017 and are shown in the table below.

Table 4-1 Minimum Factors of Safety for Stockpiles

Loading Condition	Minimum Factor of Safety
Dump/Soil Surface (short term)	1.0
Dump/Soil Surface (long term)	1.2
Overall global stability short term (static), post construction	1.3 to 1.5
Overall global stability long term (static)	1.5
Pseudo static or dynamic analysis for seismic loading	1.1 to 1.3

4.1.5 Dam Stability

The minimum factors of safety for the dams within Lake 001 are based on MDDEP (2012) and are shown in the table below.

Table 4-2 Minimum FoS Requirements for Diversion Dams

Zone	Loading condition	Minimum FoS (MDDEP, 2012; MRNF, 2024)
Upstream and downstream	Slope Stability at the end of each construction phase (short-term)	1.3 to 1.5
Upstream and downstream	Slope stability in the presence of the project flood (short-term)	1.3
Upstream and downstream	Slope stability under stationary conditions (long-term)	1.5
Upstream	Quick drain	1.3
Upstream and downstream	Pseudo-static or dynamic analysis for seismic loading, with filled basin and reduced properties if liquefaction possible	1.1
Upstream and downstream	Post-seismic value	1.3

4.2 Site Water Management

4.2.1 Water Management for Stockpiles

The water management system for Stockpiles 001 and 002 is designed to effectively control and treat contact water generated from surface runoff. Contact water ditches are strategically placed to intercept runoff and convey it to dedicated collection ponds, which function as detention facilities. The collected water is temporarily stored before being pumped to the industrial area for further treatment. The key hydrotechnical design criteria are summarized below:

Contact-water collection ditches:

- The design storm used for sizing the ditches is the 1 in 100-year, 24-hour summer rainfall event;
- A minimum freeboard of 0.6 m is maintained for the ditches;
- Ditches are trapezoidal in shape and include riprap as erosion protection, and
- The ditches around Stockpile 001 are unlined, while those around Stockpile 002 are lined.

Contact-water collection ponds:

- All ponds are classified as “Significant” hazard dams;
- The ponds associated with Stockpile 001 are unlined, while those associated with Stockpile 002 are lined;
- The environmental design flood (EDF) for Stockpile 001 ponds is a 1 in 100-year snowmelt over 13 days, followed by a 1 in 100-year spring rainfall event. This EDF was selected as Stockpile 001 contains non-potentially acid-generating (NAG) and non metal leaching material;
- The EDF for Stockpile 002 ponds is a 1 in 100-year snowmelt over 13 days, followed by a 1 in 2,000-year rainfall event. This more conservative EDF reflects the presence of potentially acid-generating (PAG)/metal leaching material and aligns with the requirements of Directive 019 (MELCCFP, 2025);
- Under EDF conditions, the ponds associated with Stockpile 001 are designed with a minimum freeboard of 1.0 m, whereas those associated with Stockpile 002 maintain a minimum freeboard of 1.5 m;
- The inflow design flood (IDF) is the Probable Maximum Flood (PMF), which is used for designing the emergency spillways for all ponds, and
- A minimum freeboard of 0.6 m is maintained for all ponds under IDF conditions.

4.2.2 Water Management for Industrial Area

The industrial area, located northeast of the proposed pit, will host all infrastructure related to water treatment and process operations. The water management infrastructure within the scope of this project includes two contact water ponds, two sedimentation ponds, one polishing pond, a total suspended solids (TSS) water treatment plant (planned as a contingency), and a trace metal water treatment plant. The key hydrotechnical design criteria for designing the sedimentation ponds, polishing pond, and contact water ponds are summarized below:

Sedimentation and Polishing Ponds

- The dam consequence classification is Significant;
- Water characterization for all ponds is considered low risk, and all ponds are lined to prevent seepage;
- The EDF for all ponds is the 1 in 1,000-year rainfall event;
- The IDF is the Probable Maximum Flood (PMF), used for sizing emergency spillways, and
- A minimum freeboard of 1.0 and 0.6 m is maintained above the EDF and IDF peak water levels, respectively.

Contact-water collection ponds:

- The ponds are fully excavated and do not include any dam embankments;
- Water characterization is considered low risk, and both ponds are lined to prevent seepage;
- The EDF for both ponds is a 1 in 100-year snowmelt over 13 days, followed by a 1 in 1,000-year rainfall event, and
- A minimum freeboard of 1.0 m is to be maintained above the EDF peak water level.

The design criteria for water treatment plants were presented in **Section 4.3**.

4.2.3 Lake 001 Cut-off Dams and Diversion Channel

A series of cut-off dams and a diversion channel system is proposed to safely reroute outflows from Lake 001 around the open pit. This system is designed to isolate the pit from upstream lake inflows while maintaining natural drainage continuity throughout the life of the mine.

The key hydrotechnical design criteria are as follows:

- The cut-off dams hazard classification is Extreme;
- The inflow design flood (IDF) is the Probable Maximum Flood (PMF);
- A minimum freeboard of 1.5 m is maintained for the cut-off dams under IDF conditions;
- The diversion channel is trapezoidal in geometry and includes riprap erosion protection where required, particularly in overburden sections, and
- A minimum freeboard of 0.6 m is maintained for the diversion channel.

4.3 Water Treatment

4.3.1 Contact Water Treatment

4.3.1.1 Water Design Flowrate and Quality of Raw Water

Table 4-3 presents the potential flow rates and expected contaminants of concern for each source of contact water to manage on site. Vision Geochemistry characterized the water quality for each source through static and dynamic testing to help identify the contaminants of concern (Vision, 2025).

The flows are determined using the following assumptions:

- The normal flow rate condition is based on 40% of the maximum pumping capacity;
- The minimum flow rate corresponds to a dry condition, where only the dewatering flow needs to be managed;
- The EDF event defines the maximum flow rate. The flood management strategy involves storing runoff while actively pumping snowmelt during the spring freshet. The maximum flow reflects the peak pumping rate required to manage the water in the collection pond.

Table 4-3 Design Flow Rates and Expected Contaminants Used for Water Treatment Plant Sizing

Water source	Unit	Minimum	Normal condition	Max	Contaminants of Concern	Reference
Stockpile 001	m^3/hr	0	236	592	TSS	Values calculated from AtkinsRéalis' site wide water balance Document Ref. 2405007-TR1 (Vision, 2025)
Stockpile 001a (draining in pond 01a)		0	144	361	TSS	
Stockpile 002 (draining to pond 02)		0	346	866	TSS and As, Al, Cd, Cu, Ni, U, Sb and Li pH of 4.2	
Stockpile 002 (draining to pond 03)		0	735	1,837	TSS and As, Al, Cd, Cu, Ni, U, Sb and Li pH of 4.2	
Industrial zone		0	880	2,200	TSS	
Run-off from the open-pit		0	347	867	TSS	Number provided by G-Mining (email dated June 9th, 2025)
Dewatering of the external watershed of open-pit		0	810	810	TSS	Based on the pump capacity provided by G-Mining (email dated June 6th, 2025) No VFD on those pumps. Normal condition = Max condition)
Dewatering from open-pit		133	133	133	TSS	Estimated flows provided by Mailloux Hydrogeology (email dated May 7th, 2025)
Dewatering from underground		204	204	204	TSS	
Water generated by underground activities		22	22	22	TSS	Preliminary flows provided by G-Mining (email dated February 7th, 2025)
Treated domestic water		-	5.8	8.7	TSS	Calculated based on 550 rooms (AtkinsRéalis, 2025c)
Bleed-Water from process plant		133	266	266	TSS, As	Flowrate provided by Primero (email dated May 8th, 2025) Document Ref. 2405007-TR1 (Vision, 2025)

4.3.1.2 Final Effluent Discharge Criteria

Table 4-4 summarizes the discharge criteria for each regulation. The bold numbers indicate the most restrictive values used in the design of the Water Treatment Plant (WTP).

The WTP was designed so that the Final Effluent meets the discharge criteria outlined in Directive 019 of the Ministry of Sustainable Development, Environment, Wildlife and Parks (MDDEFP). Additionally, the system was engineered to produce a treated effluent that will tend toward the surface water quality standards necessary for the protection of aquatic life based on Best Available Technologies Economically Achievable (BATEA). Note that no project-specific discharge criteria were set for this project at the time of writing.

Table 4-4 Final Effluent Water Quality Discharge Criteria

Parameters	Units	Quality Criteria for Final Effluent Discharge Point		
		According to Guideline 019 (D019)(1)	According to Metal and Diamond Mining Effluent Regulations (MDMER)(2)	Surface Water Quality Criteria (Aquatic Life Protection)(3)
pH	pH	**6-9.5**	6-9.5	6-9.5
Suspended Solids (SS)	mg/L	**15**	15	25
Fluoride (F)	mg/L	-	-	0.2
Aluminum (Al)	mg/L	-	**1**	0.018 – 0.32
Arsenic (As)	mg/L	**0.1**	0.1	0.15
Copper (Cu)	mg/L	**0.1**	0.1	0.0013(4)
Iron (Fe)	mg/L	**3**	-	1.3
Nickel (Ni)	mg/L	**0.25**	0.25	0.007(4)
Lead (Pb)	mg/L	**0.08**	0.08	0.00017(4)
Zinc (Zn)	mg/L	**0.4**	0.4	0.017(4)
Un-ionized ammonia	mg/L	-	**0.50**	0.30
Lithium (Li)	mg/L	-	-	0.44
Manganese (Mn)	mg/L	-	-	0.26
Mercure (Hg)	mg/L	-	-	0.0091
Uranium (U)	mg/L	-	-	0.014

(1) Guideline 019 on the Mining Industry (March 2025).
(2) Regulations on Effluents from Metal Mines and Diamond Mines, DORS/2002-222.
(3) Surface Water Quality Criteria.
(4) Water Quality Criteria for Metals with Toxicity Varying with Hardness, provided in Annex 12 of the Surface Water Quality Criteria.

4.3.1.3 Lithium leaching from Stockpile 002

Lithium has been detected in leachate water during geochemical characterization, with concentrations exceeding surface water discharge quality criteria, primarily in runoff from the tailings. However, since lithium is not currently regulated under either the MDMER or Directive 019, and no specific discharge objectives have been provided for this project to date, no dedicated treatment has been designed for this contaminant.

Lithium is not generally associated with high toxicity. Furthermore, its presence in the tailings suggests potential opportunities to improve lithium recovery rates from spodumene during the concentration process. Additional investigations are required to better understand the relationship between geochemical characterization, lithium concentration in Li_2O processing, and future discharge objectives. These studies will help determine whether a specific treatment process for lithium should be developed.

4.3.2 Potable Production

4.3.2.1 Design Flowrate

The design flow rate for the Potable Water Production Plant (PWPP) is determined using the MDDEFP Design Guide (MDDEFP, 2023), considering a camp with 550 rooms. While camp capacity is expected to increase slightly during the first few years, the full-size PWTP is operational in the first year. Water consumption in remote camps often fluctuates significantly. Experience from similar projects showed that consumption can exceed the design flow rate calculated using the MDDEFP Design Guide during team rotations. To address these variations, a potable water storage tank ensures an adequate water supply during peak demand periods. The table below summarizes the flow rates considered for this project.

Table 4-5 Design Criteria for Potable Water Treatment Plant

Description	Unit	Design basis
Camp capacity	Room	550
Volume per room	L/room/day	340
Water consumed at the plant	%	15
Water for backwash of filters at the plant	%	10
Mean flow	m^3/d	158
Max flow	m^3/d	237 (peak factor of 1,5)
PWPP flow design	m^3/d	240
Potable water reservoir	m^3	78

4.3.2.2 Potable Water Source

The hydrogeological baseline study results show insufficient groundwater capacity to meet the camp's potable water needs. As a result, the plan is to use surface water from a nearby lake as the primary source of water for the PWPP. Lake 308, nearby Stockpile 002, is confirmed as a feasible source of freshwater for potable water production. Drawing CASN-A-001-GE-DWG-0001-B shows the location of the freshwater intake.

4.3.2.3 Water Quality

Lake 308 was not sampled at the time of the previous field studies. To provide an estimate of the water quality, the data available from surrounding lakes were interpolated to provide a general overview of surface water quality in the area. This characterization approach does not meet the regulatory requirements for properly defining a new water intake source as required in the Guide (MDDEFP, 2019). Since surface water quality can fluctuate seasonally and yearly, a conservative approach was taken with the following assumptions.

- 90th percentile concentration of the contaminant found is used to design the treatment plant.
- Water is considered as a good quality surface water, as described in the Guide (MDDEFP, 2019). Hence, the disinfection objectives are the following :
  - Virus : 4 Logs;
  - Giardia : 3 Logs, and
  - Cryptosporidium : 3 Logs.

The table below summarizes the primary contaminants of concern identified in the compilation of surface water quality data taken around the site based on RQEP criteria (MDDEFP, 2024). The primary contaminants identified are the NO_2/NO_3 and the turbidity.

Table 4-6 Surface Water Quality in the Nearby Water Bodies

Parameter	Unit	Min	Max	Average	90e centile	Criteria
Arsenic	µg/L	0.4	1.0	0.6	1.0	10
TSS	mg/L	<2	2	<2	<2	-
NO_2/NO_3		0.1	24.0	14.0	22.8	1
TOC		6.4	8.8	7.0	8.0	-
Turbidity	NTU	0.4	0.8	0.5	0.7	0.3
pH	-	7.0	7.9	7.3	7.7	6.5 – 8.5

4.3.3 Sewage Treatment

4.3.3.1 Design Flow Rate

The design flow rate is determined using the MDDEFP Guide (MDDEFP, 2023) and this project's estimated potable water demand. It is assumed that the sewer network will use a separate pipeline network system.

Table 4-7 Design Criteria for Domestic Wastewater Treatment

Description	Unit	Design basis	Reference
Camp capacity	Room	550	Number provided by G-Mining (AtkinsRéalis, 2025c)
Mean flow	m^3/d	139	Calculated by AtkinsRéalis
Max flow	m^3/d	209 (peak factor of 1,5)	Calculated by AtkinsRéalis Guide pour l'étude des technologies conventionnelles de traitement des eaux usées d'origine domestique (MDDEFP, 2023)

4.3.3.2 Water Quality

The sewage network's wastewater is exclusively domestic. Typical concentrations in Biological Oxygen Demand (BOD_5), Total Kjeldahl Nitrogen (TKN), and phosphorous are applied in a ratio of 100:20:5 (MDDEFP, 2023). The following table shows the discharge criteria for this project in compliance with Quebec regulations (MDDEFP, 2020). No specific treatment for ammonia is planned for this project.

Table 4-8 Water Quality of the Domestic Wastewater

Parameter	Unit	Concentration Inflow	Discharge Criteria
BOD	mg/L	400	≤ 15
TSS		400	≤ 15
NTK		80	≤ 1
Pt		20	≤ 200

4.4 Closure

4.4.1 Closure objectives

The closure activities aims to return the site to a satisfactory condition, as defined in **Section 4-1** of the MRNF Guide (MERN, 2024). The main goals of closure and rehabilitation activities will be the following:

- Eliminate unacceptable health hazards and ensure public safety;
- Limit the production and spread of contaminants that may affect the receiving environment and, in the long term, aim to eliminate any form of maintenance and monitoring;
- Ensure long-term geotechnical and geochemical stability;
- Allow progressive restoration;
- Ensuring social acceptability;
- Return the site to a condition that is, as much as possible, in line with the initial or surrounding ecosystem and is visually acceptable, and
- Return infrastructure areas to a state that is compatible with future use.

4.4.2 Minimum Factors of Safety for Stability Analyses under Closure Conditions

The loading cases to be analyzed and the stability criteria are presented in the table below. The recommended safety factors (SF) for assessing the stability of waste rock facility storage are those specified by Directive D019 on the mining industry (MELCCFP, 2025), by the Canadian Dam Association (CDA, 2019), and by the Guide for Preparing Mine Site Rehabilitation and Restoration Plans in Quebec (MRNF, 2024). The minimum SF values adopted for evaluating the stability of waste rock facility storage under closure conditions are also presented therein.

Table 4-9 Minimum safety factors targeted for stability analyses under closure conditions

Loading condition		Minimum Safety Factors (SF)			
		D 019 (MELCCFP, 2025)	CDA (2019)	MRNF (2024)	Minimum FS proposed for this project (Closure)
Static	End of construction (Short term)	1.3 to 1.5	> 1.3	1.3 to 1,5	1.5
	Long term	1.5	1.5	1.5	1.5
	Design Flood	1.3	-	1.3 to 1.5	1.3
Pseudo static		1.1	1.0	1.1	1.1
Post-seismic		1.3	1.2	1.3	1.3
Horizontal sliding (static)		1.5	-	1.5	1.5
Horizontal Sliding (post-liquefaction)		1.3	-	1.3	1.3
***Note** : This condition will be included in the stability analysis (composite sliding surfaces)*					

4.4.3 Hydrotechnical Loading

MELCCFP (2025) recommends a design flood with a minimum return period of 100 years, for drainage systems with structures without water accumulation, on and around mine sites. Therefore, the following design criteria were adopted in the present study:

- The ditches or culverts design flood is generated by a summer-fall rainfall with a 100-yr return period. This return period should also be used in the Maintenance Program for the site.
- The transformation of rainfall into runoff is based on a conservative runoff coefficient of 1.0 (recommended by MTQ methodology.

4.4.4 Geotechnical Properties of Materials

Regarding the selection of restoration materials, the criteria are as follows:

- Closure concept must prioritize materials available on or near the site, including those sourced from borrow pits or reusable mining materials.
- The materials used, or any mixtures thereof, should be non-acid-generating and non-leachable.

4.4.5 Cover System

Cover system will be selected based on the geochemical classification of waste rock and the availability of materials.

Closure criteria for the cover of the waste rock and tailings accumulation area are based on the restoration objectives listed in **Section 4.4.1**:

- Requires minimal maintenance;
- Does not release contaminants beyond acceptable limits as defined by Directive D019;
- Is physically stable (i.e., the cover meets the geotechnical criteria outlined in **Section 4.4.2**);
- Integrates with the surrounding landscape;
- Limits water infiltration into the waste rock and tailings;
- Allows rainwater to be diverted toward water management infrastructure to reduce erosion, and
- Is resilient to climate change.

4.4.6 Vegetative Cover

All stockpiles must be revegetated to control erosion and restore a natural appearance that harmonizes with the surrounding environment (MRNF, 2024).

The following agronomic criteria must be considered and integrated into the selected restoration cover:

- Vegetation establishment must achieve a satisfactory state, meaning that once in place, the plants must be robust, viable in the long term, and require no amendments or maintenance to ensure their sustainability.
- The type of vegetation selected must not compromise the performance of the closure concept.
- The introduction and spread of invasive exotic species (IES) must be limited, notably by ensuring that the soils used do not contain any IES seeds.
- Vegetation growth should not lead to blocking the ditches of the site.

Revegetated areas must be subject to agronomic monitoring by a specialist in mine site revegetation or by an agronomist who is a member of the Ordre professionnel des agronomes du Québec. This professional will confirm that the conditions in place are adequate to ensure the long-term sustainability of the vegetation.

4.4.7 Climate Change Criteria

The closure criteria for the stockpiles must consider the effects of climate change in its design. Climate change is expected to manifest primarily through an increase in the frequency and intensity of extreme precipitation events across all mining regions of Québec, as well as an increase in average annual precipitation (URSTM, 2017; IPCC, 2018).

The anticipated effects of climate change for Québec's mining regions (URSTM, 2017) may include:

- Increased frequency and severity of extreme weather events;
- Changes in precipitation patterns, with a strong trend toward heavier rainfall and a weaker trend toward longer drought periods, and
- Increased risk of instability in water management and waste rock/residue management infrastructures.

Stockpiles closure must incorporate an adaptation approach to address these impacts. Key elements of a climate change adaptation approach applicable to the mining sector include:

- Defining the impacts of current climate conditions and assessing future climate impacts, considering various climate scenarios in relation to the closure concept;
- Understanding the vulnerability of mining infrastructures to climate change and identifying associated risks, and
- Identifying appropriate adaptation solutions and applying them during the design of the structures.

To ensure the effectiveness of the cover system and the ability of the drainage system to evacuate water efficiently, measures will be integrated into the final design of the structures. These measures will better prepare the site for medium- and long-term climate change impacts, notably by factoring in the increase in average annual precipitation and the rise in frequency and intensity of extreme events in the hydrological calculations used for designing the retention infrastructure for mine tailings and waste rock.

5. Water Management

5.1 Overall Water Management Approach

The water management plan aimed to effectively separate contact water from non-contact water, in accordance with the requirements of Directive 019 on the mining industry (MELCCFP, 2025). Contact water will be collected through collection systems consisting of ditches and retention ponds. Contact water generated from various site infrastructures, including Stockpiles 001 and 002, industrial facilities, and mine dewatering (both open-pit and underground), will be directed to water treatment infrastructures (i.e., sedimentation and polishing ponds) via pumping stations. From there, the water is to be properly treated prior to either being discharged to the environment or reused in the Process Plant.

Drawing CAN-A-001-GE-DWG-0001 illustrates the water management infrastructure at the mine site, which falls into five main components:

- Non-contact water diversion ditches: These are temporary structures designed to divert non-contact water away from the footprint of Stockpile 002 during the initial four years of the mine development;
- Contact Water Ditches: These ditches are designed to collect runoff from stockpile 01 and 02 and convey it to the designated contact water collection ponds;
- Contact Water Collection Ponds: These ponds serve as detention storage facilities to collect surface runoff from Stockpiles 001 and 002, and from the Industrial Area. Once the contact water is collected in these ponds, it will be transferred, by pumping systems, to the treatment infrastructure for treatment;
- Pumping Stations: Strategically distributed across the site, these stations are to transfer contact water between the collection system and the treatment facilities. The pumping system was also designed to provide operational support to supply water for various mining activities, and
- Industrial Area Treatment infrastructure: This system is the final stage in the water management process. It includes a water treatment plant, sedimentation ponds, and a polishing pond that serves as the final treatment step before discharge to the environment or reuse in the process plant.

Excesses of treated water will be discharged into the CE15 River (natural channel between Lake 001 to Lake 027) from the Polishing Pond, ensuring compliance with regulatory standards and maintaining a single, controlled discharge point. Moreover, emergency spillways are integrated into the design of all ponds' embankments to safely pass extreme events.

5.2 Site-Wide Water Balance

5.2.1 Description

A site-wide water balance model is a critical component in the development and design of a water management plan for the mine. This model was developed to support various phases of the mine lifecycle, including commissioning and operations. The model provides a quantitative framework for estimating water volumes, movement, and storage across the site infrastructure based on the principle of mass conservation. It accounts for all water inputs, outputs, and internal transfers, and supports decision-making related to operational water use, environmental discharge, and infrastructure sizing.

The model encompasses all major site components, including the open pit, underground mine, stockpiles, process plant, paste plant, domestic facilities, and water management infrastructure such as sedimentation ponds and the polishing pond.

The primary objectives of the water balance model were to:

- Make sure the water levels in mine water ponds were within acceptable operational ranges;
- Assess water availability for operational needs under varying climatic conditions, and
- Estimate environmental discharge volumes from the polishing pond over the life of the mine.

Figure 702381-5100-4H-Sketch in **Appendix C** presents a schematic of the site water management flow logic. This figure was included in the water balance memo CASN-A-320-WM-MEM-0001.

5.2.2 Methodology

The site-wide water balance was developed using GoldSim™, a dynamic simulation software by GoldSim Technology Group. The model structure includes modular components for each catchment and infrastructure element, with flow paths represented as gravity flows, pumped transfers, and discharge lines. The model was run deterministically over the life of mine (LoM), simulating daily water flows and storage volumes under four climate conditions, including average, dry, wet, and extreme scenarios.

The extreme scenario consists of a year during which an extreme hydrological event occurs. Specifically, the scenario includes snowmelt from a 1 in 100-year snowpack over 13 days, followed by a 1 in 2,000-year, 24-hour spring rainfall event. This combination was chosen based on the most critical Environment Design Flood (EDF) used in infrastructure design for components sensitive to Potentially Acid-Generating (PAG) behavior, including Stockpile 002 (Vision, 2025). This event was selected for simulation purposes to evaluate system performance under highly conservative conditions and does not reflect the design basis for all infrastructure.

All climate scenarios were defined based on the baseline hydrology study (AtkinsRéalis, 2025d) as summarized in the next section.

5.2.3 Inputs

5.2.3.1 Climate Data

Climatic inputs were derived from four Environment and Climate Change Canada (ECCC) stations, as outlined in the baseline hydrology report (AtkinsRéalis, 2025d). The estimated monthly precipitation for average, 1 in 100-year dry, and 1 in 100-year wet climate conditions is presented in **Table 5-1** To represent these scenarios in the water balance model, daily historical climate records were selected from years whose precipitation patterns closely matched the target monthly values. These representative years were used to simulate realistic daily variability within each scenario, ensuring consistency with the long-term climate conditions defined in the baseline hydrology study (AtkinsRéalis, 2025d).

Moreover, evaporation rates were estimated using the Thornthwaite method, based on monthly temperature data (**Table 5-1**). Climate change considerations were incorporated into the study, as outlined in the base hydrology report (AtkinsRéalis, 2025d) by applying:

- An 8% increase in annual rainfall,
- An 18% increase in extreme precipitation events; and
- A 5% increase in 1 in 100-year snow cover.

Table 5-1 Monthly Temperature, Precipitation, and Evaporation (AtkinsRéalis, 2025)

Month	Temperature	Total precipitation (100-year Dry)	Total precipitation (Average)	Total precipitation (100-year Wet)	Evaporation
	[°C]	[mm]	[mm]	[mm]	[mm]
January	-24.8	37.5	35.7	36.1	0.0
February	-21.4	10.8	35.8	39.7	0.0
March	-15.6	12.9	28.1	102.7	0.0
April	-5.6	11.0	37.8	68.7	0.0
May	4.0	10.0	56.4	44.9	38.2
June	13.8	18.6	59.9	204.5	97.1
July	16.1	22.7	137.5	106.8	120.5
August	13.2	107.2	121.8	147.7	98.3
September	8.4	86.0	83.2	156.9	55.2
October	1.5	57.8	82.7	74.1	13.0
November	-7.0	20.0	93.5	54.1	0.0
December	-20.7	15.1	58.1	62.4	0.0
Year	-3.2	409.7	830.6	1098.7	422.2

5.2.3.2 Rainfall-Runoff Generation

Runoff from various catchments was estimated using the Rational Method, with seasonally adjusted runoff coefficients based on land cover types (**Table 5-2**). Catchment delineation was based on topographic and infrastructure layout.

Table 5-2 Runoff Coefficients Used in the Model

Description	Winter runoff coefficient	Summer runoff coefficient
Water surface	1.00	1.00
Forest	1.00	0.19
Open-Pit	1.00	0.80
Sediment	1.00	1.00
Stockpiles 001	1.00	0.50
Stockpiles 002	1.00	0.75
External Watershed	1.00	0.55

5.2.3.3 Drainage Areas and Pumping Rates

Drainage areas contributing to mine-contact water ponds were identified and summarized in **Table 5-3**, along with associated pumping systems. It is assumed that prior to 2032, the open pit is partially developed and only a portion of the stockpile footprint contributes to the site-wide water balance system. After 2032, the open pit is considered fully developed, and the entire footprint of stockpiles is assumed to contribute to runoff and contact water generation within the model.

Table 5-3 Pumping Rate and Catchment Area for the Different Infrastructures

Drainage Area/Pond	Catchment area [m^2]	Pumping rate [m^3/hr]	Maximum pond volume [m^3]
Industrial Area/Contact water pond #1	435,193	1,550	10,000
Industrial Area/Contact water pond #2	229,987	800	6,000
Stockpile 01/Pond 001	539,763	590	86,000
Stockpile 01/Pond 001a	329,252 (0)[1]	360	52,000
Stockpile 02/Pond 002	895,856 (0)[1]	870	137,000
Stockpile 02/Pond 003	1,699,221 (1,274,416)[1]	2,750	293,000
Open pit footprint/-	1,329,600 (617,000)[1]	1,000	-
Open Pit (external)/-	770,000 (352,000)[1]	-	-
-/Sedimentation pond 1	15 500	-	42,000
-/Sedimentation pond 2	15 500	-	42,000
-/Polishing Pond	32 000	-	140,000

Notes:
1 The number in parentheses shows the contributing area before the year 2032.

5.2.3.4 Groundwater Inflows

Groundwater inflows to the open pit and underground workings are directed to the sedimentation pond. Average dewatering rates over the LoM are presented in **Table 5-4**.

Table 5-4 Dewatering Rates of the Open-Pit and the Underground Mine (Mailloux, 2024)

Description	Open-Pit (m^3/d)	Underground Mine (m^3/d)
2028-2032	1,200	2,600
2032-2036	1,800	3,200
2036-2040	2,600	4,300
2040-2044	2,900	4,600
2044-2049	3,200	4,900

5.2.3.5 Domestic Wastewater

Treated domestic wastewater from the permanent camp and the process plant is discharged to the polishing pond at a rate of 8.7 m^3/hr. The maximum rate was used in the model.

5.2.3.6 Process Data

Process water inputs and outputs were provided by Primero (Primero, 2025) and are illustrated in Figure W2. Before 2032, only one train of processing will be in operation. After 2032, two trains will be fully operational.

5.2.4 Results

Key findings from the site-wide water balance analysis are summarized below:

- The monthly fresh water supply required for potable production ranges from 4,424 m^3/month to 4,898 m^3/month, depending on the month. A dedicated pumping station at Lake 308 provides this supply.
- Under dry conditions, the net monthly water balance of the polishing pond, defined as the difference between inflows and outflows, is positive throughout most of the year across different stages of mine development. However, in June, the balance is expected to become temporarily negative, with a deficit ranging from approximately 1,000 to 5,000 m^3 depending on the mine stage. This negative balance can be compensated for by supplying from the reserve volume of the polishing pond, ensuring continued operational reliability.
- This overall positive balance is primarily due to the high dewatering rates from both the open pit and the underground workings.
- Under average conditions, when the mine is fully developed, the volume of excess water discharged to the environment ranges from 286,000 m^3/month in winter to 989,000 m^3/month in spring, driven primarily by snowmelt and rainfall events. These volumes were estimated to be always equal to or less than 30% of the flow in the receiving water body (CE15 river).
- On an annual basis, the estimated discharge volumes to the environment are:
  - Dry year: 4,950,000 m^3;
  - Average year: 7,030,000 m^3;
  - Wet year: 8,410,000 m^3.
- The runoff collection ponds located downstream of the stockpiles were evaluated under the extreme scenario and found to be adequately sized to manage runoff volumes without overtopping. These ponds were designed to capture contact water and route it to sedimentation ponds or the polishing pond for treatment.
- The pumping stations were designed to manage the Directive 019 snowmelt event (i.e. 1 in 100-year snow cover melted in 13 days), ensuring effective transfer to the water treatment infrastructures. Water balance simulation under the extreme climate scenario indicates adequate capacity of the pumping system during the extreme spring freshet.
- Under normal operating conditions, the pumping systems utilize only 40% of their installed capacity, providing sufficient redundancy for peak flow events.
- Under normal conditions, all ponds operate between their Low Operating Water Level (LOWL) and Maximum Operating Water Level (MOWL). No exceedances of MOWL were observed under average or dry conditions. Under wet conditions, temporary high-water levels were observed but remained within design limits. This can be mitigated by optimized pumping during operation.
- The Hydraulic Retention Time (HRT) in the sedimentation and polishing ponds consistently remains above 24 hours during normal operation and close to 18 hours during extreme rainfall events, which is considered sufficient for effective particle settling and preliminary water quality improvement.

Table 5-5, **Table 5-6** and **Table 5-7** show the monthly water balance results for average, dry, and wet years when the mine is fully operational.

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Table 5-5 Monthly Water Balance for the Main Infrastructures of the Mine in Average Conditions

Month	Pond 001 To PP	Pond 001a to PP	Pond 002 To Pond 003	Pond 003 To WTP	Open-pit dewatering to SP	Underground dewatering to SP	Industrial Area to SP2	PP To Environment.	Fresh Water Intake (Lake 308)
	Flow (m^3/month)								
October	45,894	16,346	61,689	223,514	220,350	168,268	45,284	483,679	4,898
November	41,384	25,583	66,640	236,996	237,139	162,840	45,515	754,321	4,740
December	6,730	4,106	10,567	55,531	121,985	168,268	7,242	325,000	4,898
January	6,559	4,105	10,566	55,529	121,985	168,268	7,243	320,000	4,898
February	6,272	3,709	9,841	51,718	110,180	151,984	6,541	286,000	4,424
March	6,382	4,106	10,264	53,945	121,985	168,268	7,243	322,000	4,898
April	8,036	4,999	12,430	60,828	122,376	163,104	8,550	317,000	4,740
May	49,968	36,614	119,007	415,939	339,000	168,000	86,708	989,000	4,898
June	23,391	17,680	57,113	211,000	210,000	163,000	43,921	704,000	4,740
July	42,106	26,535	101,636	359,000	297,000	168,000	74,842	951,000	4,898
August	39,479	25,064	94,323	334,000	286,000	168,000	71,275	978,000	4,898
September	20,072	13,153	49,415	185,000	194,000	163,000	37,833	600,000	4,740
TOTAL	**296,273**	**182,000**	**603,491**	**2,243,000**	**2,382,000**	**1,981,000**	**442,197**	**7,030,000**	**57,670**

Table 5-6 Monthly Water Balance for the Main Infrastructures of the Mine in Dry Condition

Month	Pond 001 To PP	Pond 001a to PP	Pond 002 To Pond 003	Pond 003 To WTP	Open-pit dewatering to SP	Underground dewatering to SP	Industrial Area to SP2	PP To Environment.	Fresh Water Intake (Lake 308)
	Flow (m^3/month)								
October	16,757	10,819	38,299	142,902	179,283	168,268	30,625	387,880	4,898
November	9,636	6,008	14,496	67,735	128,548	162,840	10,905	355,790	4,740
December	6,741	4,106	10,148	53,012	121,985	168,268	7,243	338,330	4,898
January	6,742	4,106	10,148	53,013	121,985	168,268	7,242	307,000	4,898
February	6,089	3,708	9,166	47,867	110,180	151,984	6,542	274,000	4,424
March	6,741	4,106	10,148	53,024	121,985	168,268	7,242	321,000	4,898

Month	Pond 001 To PP	Pond 001a to PP	Pond 002 To Pond 003	Pond 003 To WTP	Open-pit dewatering to SP	Underground dewatering to SP	Industrial Area to SP2	PP To Environment.	Fresh Water Intake (Lake 308)
	Flow (m^3/month)								
April	6,535	4,168	9,822	51,295	118,050	163,104	7,044	312,000	4,740
May	13,656	13,220	30,678	119,130	162,984	168,000	23,584	491,000	4,898
June	5,713	5,807	12,946	61,977	123,000	163,000	12,156	348,000	4,740
July	6,091	3,896	13,936	62,370	129,000	168,000	14,182	340,000	4,898
August	24,135	15,484	55,168	198,770	214,000	168,000	45,142	718,000	4,898
September	28,385	18,212	64,882	227,905	232,000	163,000	51,539	759,000	4,740
TOTAL	**137,221**	**93,640**	**279,837**	**1,139,000**	**1,763,000**	**1,981,000**	**223,446**	**4,952,000**	**57,670**

Table 5-7 Monthly Water Balance for the Main Infrastructures of the Mine in Wet Condition

Month	Pond 001 To PP	Pond 001a to PP	Pond 002 To Pond 003	Pond 003 To WTP	Open-pit dewatering to SP	Underground dewatering to SP	Industrial Area to SP2	PP To Environment.	Fresh Water Intake (Lake 308)
	Flow (m^3/month)								
October	21,804	14,001	49,605	180,796	202,930	168,268	38,978	464,044	4,898
November	10,844	6,744	16,313	71,395	132,623	162,840	12,345	399,870	4,740
December	6,741	4,106	10,148	53,013	121,985	168,268	7,242	318,086	4,898
January	6,742	4,106	10,148	53,012	121,985	168,268	7,243	315,000	4,898
February	6,089	3,708	9,166	47,881	110,180	151,984	6,541	281,000	4,424
March	6,741	4,106	10,148	53,013	121,985	168,268	7,243	315,000	4,898
April	6,649	4,249	9,995	52,148	118,439	163,104	7,167	303,000	4,740
May	49,676	36,055	112,833	377,937	334,873	168,000	85,581	975,000	4,898
June	120,033	77,911	268,467	873,805	658,000	163,000	204,956	2,147,000	4,740
July	32,686	20,963	74,685	259,000	255,000	168,000	59,924	884,000	4,898
August	46,195	29,622	105,523	357,000	320,000	168,000	82,899	1,041,000	4,898
September	45,123	28,922	103,034	345,000	311,000	163,000	80,351	967,000	4,740
TOTAL	**359,323**	**234,493**	**780,065**	**2,724,000**	**2,809,000**	**1,981,000**	**600,470**	**8,410,000**	**57,670**

5.3 Stockpiles 001 and 002

5.3.1 Description

Stockpile 001 is designated exclusively for the storage of low-risk waste rock, whereas Stockpile 02 is intended for the storage of potentially acid-generating (PAG) and metal-leaching (ML) waste rock and tailings. Dedicated water management systems have been implemented for both stockpiles to effectively separate and manage contact water in compliance with Directive 019 (MELCCFP, 2025). These systems mainly include perimeter collection ditches, contact water retention ponds with integrated emergency spillways, and pumping infrastructure to ensure effective conveyance and collection of contact water.

Key components of the water management systems include:

- Perimeter Contact Water Collection Ditches: Each stockpile footprint is fully enclosed by four perimeter ditches designed to intercept runoff generated from precipitation and surface flow. These ditches convey contact water toward the designated retention ponds;
- Contact Water Collection Ponds: Runoff collected from the ditches is proposed to be conveyed to two adjacent retention ponds that are also proposed at each stockpile. These ponds serve as the primary containment structures, providing initial settling of suspended solids and temporary storage during high-flow events. Each pond is equipped with an emergency spillway to safely manage overflow during extreme precipitation events and prevent overtopping, and
- Pumping Systems: Excess water from the retention ponds is actively pumped to a sedimentation pond located in the Industrial Area. This facilitates compliance with environmental discharge standards and supports the reuse of treated water within the process plant.

Additionally, non-contact water diversion ditches are proposed to be in place at Stockpile 002 to reroute runoff away from the stockpile footprint during the initial four years of the mine development.

The entire water management infrastructures, associated with Stockpiles 001 and 002, are respectively illustrated in drawings CASN-A-370-GT-DWG-0001 and CASN-A-370-GT-DWG-0002. Detailed design specifications for each component are provided in the following sections.

5.3.2 Perimeter Contact Water Collection Ditches

5.3.2.1 Design Approach

A set of collection ditches has been designed to collect runoff produced at each stockpile's area. For Stockpile 01, ditches 01-01, 01-02, 01A-01, and 01A-02 collect surface runoff and convey it to Ponds 01 and 01A. Similarly, for Stockpile 02, ditches 02-01, 02-02, 03-01, and 03-02 direct runoff to Ponds 02 and 03. Due to the presence of acid-generating waste rock and tailings in Stockpile 02, the ditches will be lined with 1.5 mm LLDPE geomembrane. All ditches are designed to accommodate a peak flood produced by the 1 in 100-year summer rainfall event with a minimum freeboard of 0.6 m. The design flow was estimated using the rational method:

$$Q_p = 0.28 \times C \times i \times A \quad (1)$$

Where:

- Q_P: The estimate of the peak flow (m^3/s);
- A: The contributing catchment area (Km^2);
- i: The design storm rainfall intensity (mm/hr), equal to 91.2 mm/h in 15 min (AtkinsRéalis, 2025c), and
- C: The runoff coefficient. A value of 0.25 was selected to reflect the high-permeability conditions of NAG waste rock.

Furthermore, the ditch depth provided by the embankments is designed to prevent overtopping under extreme flood events up to the Probable Maximum Flood (PMF). This conservative approach ensures the integrity of the embankments and minimizes the risk of uncontrolled discharge during very extreme weather conditions.

The hydraulic characteristics corresponding to the design flow were achieved using Manning's formula:

$$Q = \left(\frac{1}{n}\right) * A * R^{\frac{2}{3}} * S_0^{\frac{1}{2}} \quad (2)$$

Where:

- Q: the flow rate (m^3/s);
- n: the Manning's roughness coefficient (the value of 0.035 was considered);
- A: the flow area (m^2);
- R: Hydraulic radius (m), and
- S_0: the channel slope (%).

To protect against erosion caused by high-velocity flows, a separation geotextile plus riprap lining was incorporated along the ditches. The minimum required riprap size and thickness were determined based on flow velocities by following the guidelines provided in MTQ (2024).

5.3.2.2 Results

The detailed specifications of the designed perimeter collection ditches around stockpiles 01 and 02 are respectively presented in **Table 5-8** and **Table 5-9**.

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Table 5-8 Contact Water Collection Ditches Configuration in Stockpile 01

Parameters	Unit	Ditch 01-01	Ditch 01-02	Ditch 01A-01	Ditch 01A-02
Outlet Location	[-]	Pond 01	Pond 01	Pond 01A	Pond 01A
Geometry	[m]	Trapezoidal	Trapezoidal	Trapezoidal	Trapezoidal
Bottom Width	[m]	1.5 to 2.0	1.5	2.0	1.5
Side Slope	[H:V]	2:1	2:1	2:1	2:1
Ditch Approximate Length	[m]	1,500	800	1,000	900
Longitudinal Slope	[%]	0.5 to 11.9	0.5 to 8.0	0.5 to 4.9	0.9 to 6.1
Minimum Depth	[m]	1.0 to 1.2	1.0	1.0	1.0
Riprap Size (D50)	[mm]	200 to 300	200	200	200
Riprap Layer Thickness	[m]	0.3 to 0.45	0.3	0.3	0.3

Table 5-9 Contact Water Collection Ditches Configuration in Stockpile 02

Parameters	Unit	Ditch 02-01	Ditch 02-02	Ditch 03-01	Ditch 03-02
Outlet Location	[-]	Pond 02	Pond 02	Pond 03	Pond 03
Geometry	[m]	Trapezoidal	Trapezoidal	Trapezoidal	Trapezoidal
Bottom Width	[m]	2.5	1.5 to 3.0	2.0 to 5.0	1.0
Side Slope	[H:V]	3:1	3:1	3:1	3:1
Ditch Approximate Length	[m]	1,000	1,600	4,200	400
Longitudinal Slope	[%]	0.5 to 9.0	0.7 to 5.9	0.5 to 6.0	0.5 to 5.6
Minimum Depth	[m]	1.5	1.1 to 1.3	1.2 to 2.2	1.0
Riprap Size (D50)	[mm]	200 to 300	200	200 to 300	200
Riprap Layer Thickness	[m]	0.3 to 0.45	0.3	0.3 to 0.45	0.3

5.3.3 Contact Water Collection Ponds

5.3.3.1 Design Approach

As described in **Section 5.1**, the contact water collection ponds are integral to the site's water management system, designed to collect and transfer contact water to the Industrial Area Treatment Facility for processing prior to environmental discharge or reuse in the process plant.

Runoff from Stockpile 001 is to be collected through a set of perimeter ditches and conveyed to Ponds 01 and 01A. These ponds are designed to provide adequate retention time and are equipped with strategically placed suction lines to optimize the removal of Total Suspended Solids (TSS). The treated water is then pumped to the Polishing Pond located in the Industrial Area, where final TSS polishing is conducted to further enhance water quality.

For Stockpile 002, which contains potentially acid-generating (PAG) and metal-leaching (ML) waste rock and tailings, runoff is similarly collected via perimeter ditches and directed to Ponds 02 and 03. These ponds serve as the initial containment and treatment stage before the water is transferred to the Industrial Area for trace metal treatment. Following treatment, the water may either be discharged to the environment or reused in the process plant.

The design of all contact water ponds complies with Directive 019 (MELCCFP, 2025), which requires that ponds be capable of managing contact water volumes, including flood volume associated with the Environmental Design Flood (EDF). The EDF design criteria for each infrastructure component are as follows:

- Stockpile 001 (Ponds 01 and 01A): 1 in 100-year, 24-hour rainfall event combined with a 1 in 100-year snowmelt event over 13 days.
- Stockpile 002 (Ponds 02 and 03): 1 in 2,000-year, 24-hour rainfall event combined with a 1 in 100-year snowmelt event over 13 days.

To manage EDF, the ponds are equipped with active pumping systems, and a contingency storage equivalent to two days of pump failure was also considered. The pumping capacity was determined to match the average 1 in 100-year snowmelt rate.

Operational water levels within the ponds were defined to ensure reliable pumping operation. The low operating water level is set to maintain adequate submergence for pump operation (e.g., minimum 0.3 m), and the maximum operating water level includes runoff from a 1 in 2-year 24-hour summer rainfall event.

5.3.3.2 Results

Table 5-10 summarizes the key design parameters for all ponds. Additionally, the elevation-storage curves of the ponds are also illustrated in Figure W3 to Figure W6 (see **Appendix C**).

Table 5-10 Contact Water Collection Ponds Design Parameters

Parameters	Unit	Pond 01	Pond 01A	Pond 02	Pond 03
Associated Stockpile	[-]	Stockpile01	Stockpile01	Stockpile02	Stockpile02
Catchment Area	[m2]	621,300	378,400	935,300	1,933,200
Bottom Elevation	[m]	368.0	373.8	382.0	381.0
Low Operating Water Level (LOWL)	[m]	368.3	374.1	382.5	381.5
Maximum Operating Water Level (MOWL)	[m]	370.0	374.8	388.2	386.1
EDF Peak Water Level	[m]	371.5	376.5	391.4	389.7
Storage Capacity below EDF Peak Water Level	[m3]	80,142	52,201	137,300	293,200
Required Maximum Pumping Capacity	[m3/hr]	592	361	866	1,837

5.3.4 Emergency Spillways

5.3.4.1 Design Approach

To ensure safe operation during extreme events, emergency spillways are incorporated into the design of all the ponds, including Ponds 01 and 01A (Stockpile 01) and Ponds 02 and 03 (Stockpile 02). The spillways were designed to safely convey floods larger than EDF, preventing overtopping and uncontrolled releases.

Following Directive 019 (MELCCFP, 2025), all emergency spillways are designed based on the Inflow Design Flood (IDF), which corresponds to the Probable Maximum Flood (PMF). The IDF hydrograph was developed using the hyetograph of a 72-hour Probable Maximum Precipitation (PMP) event and simulated through a hydrologic model constructed in the Hydrologic Modeling System (HEC-HMS) version 4.11, developed by the U.S. Army Corps of Engineers (USACE).

The sill elevation of the emergency spillways was established to ensure that each pond can fully contain the EDF volume without triggering the spillway. Additionally, a freeboard of 1 m (for the ponds at Stockpile 001) and 1.5 m (for the ponds at Stockpile 002) was incorporated to account for uncertainties specifically associated with the estimation of the EDF peak water level.

The control section of each emergency spillway was designed as a trapezoidal shape incorporating a broad-crested weir. Discharge capacities were estimated using the standard broad-crested weir equation:

$$Q = C_w \cdot L \cdot H^{\frac{3}{2}} + 2 \cdot (\frac{2}{5} \cdot Z \cdot C_{ws} \cdot H^{\frac{5}{2}}) \quad (3)$$

Where:

- Q: Discharge (m³/s);
- L: Effective length of the weir (m);
- H: Water head over the weir crest (m);
- Z: Side Slope of the spillway control section (H:1V);
- C_W: Discharge coefficient for the rectangular (central) section of the weir (equal to 1.7 as a reasonable value for broad-crested weirs);
- C_{WS}: Discharge coefficient for the side (sloped) section of the weir (equal to 1.7 as a reasonable value for broad-crested weirs).

The sizing was carried out through an iterative process based on reservoir routing of IDF hydrographs, while ensuring compliance with freeboard requirements under both IDF and EDF conditions. Specifically, the spillway control sections were designed to maintain a minimum freeboard of 0.6 m above the peak IDF water level.

Considering the site's topographical constraints, the spillway chutes were designed to safely convey the peak outflow associated with the IDF. The geometry of the chutes and weir (control sections) is similar, so the entire spillway structure will maintain a homogeneous cross-section throughout. Flow characteristics within the spillway chutes were estimated using Manning's equation (Equation 2). The minimum required freeboard in the spillway chute was determined as follows (USBR, 2022):

$$Freeboard\ in\ chute\ (ft) = 2.0 + 0.025v\sqrt[3]{d} \quad (4)$$

Where:

- v: The average velocity (ft/s);
- d: The water depth in the chute (ft).

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Riprap protection is incorporated into the design of the spillway crests and chutes to mitigate erosion caused by high-velocity flows during extreme events. The minimum required riprap size and thickness at the spillway control sections were determined based on the guidelines provided by MTQ (2024). For the spillway chutes, riprap sizing was carried out using the methodology recommended by FEMA (2014). The minimum required thickness of the riprap layer in the chutes was set at twice the median stone diameter ($2 \times D_{50}$) to ensure adequate stability.

5.3.4.2 Results

The detailed characteristics of the spillway control sections, the embankment minimum crest elevation, and riprap protection are summarized in **Table 5-11.** Also, **Table 5-16** summarizes the flow characteristics and the designed configurations of the spillways' chutes.

Table 5-11 Emergency Spillways Control Section Configuration

Parameters	Unit	Spillway 01	Spillway 01A	Spillway 02	Spillway 03
Associated Stockpile	[-]	Stockpile 01	Stockpile 01	Stockpile 02	Stockpile 02
Associated Pond	[-]	Pond 01	Pond 01A	Pond 02	Pond 03
Spillway Crest Geometry	[-]	**Trapezoidal**	**Trapezoidal**	**Trapezoidal**	**Trapezoidal**
Spillway Crest Length	[m]	10	8	13	20
Spillway Crest Side Slope	[H:V]	3:1	3:1	3:1	3:1
Spillway Sill Elevation	[m]	371.65	376.65	391.55	389.85
IDF Peak Inflow	[m^3/s]	33.2	21.5	29.7	61.5
IDF Peak Outflow	[m^3/s]	11.7	9.9	18.6	22.8
IDF Peak Water Level	[m]	372.4	377.4	392.4	390.6
Dam Crest Elevation	[m]	373.0	378.0	393.0	391.2
IDF Freeboard	[m]	0.6	0.6	0.6	0.6
Riprap Size (D50)	[mm]	200	200	200	200
Riprap Layer Thickness	[m]	0.3	0.3	0.3	0.3

Table 5-12 Emergency Spillways Chutes Configuration

Parameters	Unit	Spillway 01	Spillway 01A	Spillway 02	Spillway 03
Associated Stockpile	[-]	Stockpile 01	Stockpile 01	Stockpile 02	Stockpile 02
Chute Geometry	[-]	Trapezoidal	Trapezoidal	Trapezoidal	Trapezoidal
Chute Bottom Width	[m]	10	8	13	20
Chute Side Slope	[H:V]	3:1	3:1	3:1	3:1
Chute Longitudinal Slope	[%]	~14%	~6%	~8%	~6%
Chute Minimum Depth	[m]	1.1	1.1	1.2	1.1
Design Flow Depth	[m]	0.3	0.4	0.4	0.7
Design Flow Velocity	[m/s]	3.3	2.6	3.1	2.7
Riprap Size (D50)	[mm]	300	300	300	300
Riprap Layer Thickness	[m]	0.6	0.6	0.6	0.6

5.3.5 Temporary Non-Contact Water Diversion Ditches

5.3.5.1 Design Approach

To separate non-contact and contact water and reduce the volume of contact water requiring treatment, temporary non-contact water diversion ditches will be constructed around the footprint of Stockpile 02 during the initial four years of mine development. These ditches were designed to intercept clean surface runoff and reroute it away from the disturbed zone. The diverted runoff will be conveyed to the natural drainage system, minimizing the hydraulic load on the contact water management infrastructure and supporting compliance with environmental protection objectives.

As per the rule of thumb in the industry, the non-contact diversion ditches are designed using the 1 in 25-year rainfall event as the design criterion. The design flow was estimated using the rational method (Equation 1), considering the runoff coefficient of 0.6 and 1.0, respectively, for summer and spring events. The hydraulic characteristics corresponding to the design flow were determined using Manning's equation, as presented in Equation 2. A minimum freeboard of 0.3 m was incorporated to ensure safe conveyance and prevent overtopping during design storm conditions. To protect against erosion and maintain structural integrity, riprap lining is recommended where necessary, with sizing and placement determined based on MTQ (2024) guidelines.

5.3.5.2 Results

Three temporary perimeter collection ditches were designed with a base width of 2 m and side slopes of 2:1 H:V. Each ditch is lined with a separation geotextile and riprap to provide erosion protection. These ditches will be decommissioned as the stockpile footprint expands.

5.4 Overburden Piles 04 and 05 and Organic Piles

5.4.1 Description

The overburden materials will be piled in four designated areas:

- Overburden pile 004 located south of the pit with a footprint area of 23 ha;
- Overburden pile 005 located southeast of the pit with a footprint area of 27 ha, and
- Two Organics Piles located south of Stockpile 001 and north of the Industrial Area with a combined approximate footprint area of 11 ha.

The water management of these piles is based on the concept of catchment paddocks, where runoff is temporarily stored for sediment settlement before being gradually released into the environment.

5.4.2 Design Approach

As outlined in the previous section, to manage runoff from overburden piles, a system of catchment paddocks was implemented. This system consists of temporary storage basins formed by dikes constructed from low-risk, permeable rock fill, strategically placed around the piles to intercept sediment-laden runoff. The dikes are engineered to temporarily contain runoff from precipitation events up to a 1 in 10-year return period. The design storage volume was estimated using the Rational Method (Equation 2), applying a runoff coefficient of 0.75. Stored water is expected to dissipate through seepage or evaporation.

5.4.3 Results

A typical cross-section of the catchment basins is presented in drawing CASN-A-370-GT-DWG-0005-B (**Appendix B**). Each basin is approximately 15 m in length and is enclosed by a dike with a height of 0.8 m. These features collectively provide sufficient containment capacity and support the intended hydrotechnical performance.

5.5 Industrial Area

5.5.1 Description

The industrial area will be located just northeast of the proposed Pit as presented in drawing CASN-A-001-GE-DWG-0001-B (**Appendix B**). In this sector, all infrastructure pertaining to the processes and treatment will be developed, including the camp. The following outlines the water management infrastructure that falls within the scope of this project:

- A polishing pond;
- Two sedimentation ponds;
- Two contact water ponds, Pond 1 and Pond 2;
- A TSS water treatment plant (WTP), described in **Section 7.2**, and
- A trace metal WTP, described in **Section 7.2**.

It should be noted that diversion ditches and road drainage systems are not part of the scope of this mandate.

5.5.2 Pond Design

5.5.2.1 Design Approach

As part of the site's water management strategy, a system of interconnected ponds has been designed to manage and treat water from various sources. The system includes:

- Two sedimentation ponds for primary treatment;
- Two collection ponds (CP1 and CP2) for runoff capture, and
- One polishing pond for final treatment and storage.

5.5.2.1.1 General Design Criteria for Polishing Pond and Sedimentation Ponds:

The sedimentation and polishing ponds are classified as Significant Consequence structures, designed to manage low-risk contact water with lined bases to prevent seepage. They are sized to accommodate a 1 in 1,000-year rainfall event (EDF) and include emergency spillways designed for the Probable Maximum Flood (PMF). To ensure safe operation, a minimum freeboard of 1.0 m is maintained above the EDF peak level and 0.6 m above the IDF peak level.

5.5.2.1.2 Sedimentation Ponds

Two sedimentation ponds are planned as part of this project to remove suspended solids from water collected from various sectors, which will be transferred using pumping systems. The sedimentation ponds will be discharging into the polishing pond by gravity.

The main pumping inflows to the sedimentation ponds are as follows:

- Dewatering of the open pit;
- Dewatering of the underground mine, and
- Runoff from the industrial area (initially collected in CP1 and CP2).

5.5.2.1.3 Collections Ponds

As mentioned in **Section 4.2.2**, the design criteria for collection ponds are as follows:

- The ponds are fully excavated and do not include any dam embankments;
- Water characterization is considered low risk, and both ponds are lined to prevent seepage;
- The EDF for both ponds is a 1 in 100-year snowmelt over 13 days, followed by a 1 in 1,000-year rainfall event, and
- A minimum freeboard of 1.0 m is maintained above the EDF peak water level.

During the winter months, the collection ponds (CP1 and CP2) can be emptied into the polishing pond using a diesel pump. This operation allows for the complete removal of accumulated sediments from these facilities. A similar approach can be applied to one of the two sedimentation ponds. Given the absence of inflows from CP1 and CP2 during winter, only one sedimentation pond is required to treat the dewatering water. Therefore, each winter, one of the sedimentation ponds can be emptied into the polishing pond, enabling sediment removal from the bottom and routine maintenance.

5.5.2.1.4 Polishing Pond

As indicated, the polishing pond serves as the final stage of the treatment process and fulfills three key functions:

- It consolidates all mine-related inflows, providing a single discharge point;
- It offers final treatment of the water before discharge, and
- It will act as a reserve of freshwater for the process plant and the paste plant.

The design criteria for sizing of the ponds for the feasibility study were based on hydraulic retention time (HRT). To ensure adequate water management during the Environmental Design Flood (EDF), the ponds are required to provide a minimum HRT of 16 hours under EDF conditions. For the sedimentation ponds, the HRT has been increased to 18 hours to enhance performance during EDF.

5.5.2.2 Results

Table 5-13 summarizes the results of the design for the sedimentation ponds and polishing pond.

Table 5-13 Industrial Area Ponds

Pond	Inflows	Side wall slope	Area	Volume	Hydraulic retention time (during normal operation)	Hydraulic retention time (during EDF)
		(H:V)	(m2)	(m3)	(Hr)	(Hr)
Sedimentation pond 01	Dewatering of the open pit Dewatering of the underground mine	4:1	15,500	42,000	>37	>18
Sedimentation pond 02	Industrial area (CP1) Industrial area (CP2)	4:1	15,500	42,000	>44	>18
Polishing Pond	All	1:1	32,000	140,000	>36	>16

The main characteristics of ponds are described as follows:

The embankments for the ponds will be constructed primarily from waste rock with a transition stone layer and sand cushion layer on the upstream slope. A crest width of 10 m has been provided with an upstream slope of 3H:1V and downstream slope of 2H:1V. The upstream embankment slopes and pond basin will be lined with a 1.5 mm textured LLDPE geomembrane. The base of the ponds is provided with a 0.3 m thick ballast layer over a protection geotextile, while the lined slopes will be exposed. The elevation of the pond embankments is determined by applying freeboard criteria that satisfy both EDF and IDF conditions above the required storage volumes provided in **Table 5-13**. Specifically, the required freeboard is the greater of 1.0 m above the peak EDF water level or 0.6 m above the peak IDF water level. Table **5-13** summarizes the results of the design for the sedimentation ponds and polishing pond.

- Each sedimentation pond contains an access ramp to facilitate the periodic removal of accumulated sediments.
- Each sedimentation pond is provided with a rectangular concrete spillway to convey the EDF and IDF flows to the polishing pond to prevent overtopping of the sedimentation ponds.
- The polishing pond was designed to discharge normal flows via three 36-inch diameter culverts through the dam. An emergency spillway is also provided in the design for safe discharge of inflows exceeding the EDF. The emergency spillway has a trapezoidal configuration with a 10 m wide concrete sill in the dam. The spillway discharge channel requires a platform to provide a slope of 18%. The discharge channel includes a separation geotextile with riprap provided as erosion protection.

5.5.3 Spillways

5.5.3.1 Design Approach

For the design of the spillways, the procedure outlined in **Section 5.5.2** was taken into consideration. The design of the ponds was carried out for three conditions: One during normal hydrological conditions or normal operation of the system, and two during flood conditions, the Environmental Design Flood (EDF), and the Inflow Design Flood (IDF). To estimate the outflow from the sedimentation and polishing ponds, the results from the water balance were used, assuming that the effluent is a maximum of 30% of the flow of the source (CE 15 river).

As shown in **Table 5-14**, both the sedimentation and polishing pond structures receive inflow from two sources: pump discharge and direct precipitation from their drainage surfaces. Under normal hydrological conditions, it is assumed that the pumps operate at 40% efficiency relative to their maximum capacity (As described in **Section 7.3**). For the EDF and IDF scenarios, full pump capacity (100% efficiency) was assumed.

For direct precipitation, a 1: in 2-year rainfall event was used for normal conditions as a conservative criterion. For the EDF scenario, a 1: in 1,000-year rainfall event was considered, while for the IDF scenario, the Probable Maximum Precipitation (PMP) was used. These bases are also summarized in **Table 5-14**.

Table 5-14 Scenarios Considered for Calculation of Flow for Each Hydrological Condition

Scenario/Source	Normal Conditions	EDF	IDF
Pumping capacity	40% of maximum efficiency	100% of maximum efficiency	100% of maximum efficiency
Direct Precipitation on Ponds	1 in 2-year rainfall	1 in 1,000-year rainfall	PMP (5 min)

The spillway will function as a unique operational and emergency structure. It will allow the passage of all the flood flows up the PMF. **Table 5-15** summarizes the outflow for each hydrological scenario for both the sedimentation and polishing ponds.

Table 5-15 Source Flows to the Sedimentation and Polishing Pond under Design Hydrological Conditions

	Normal Conditions (m^3/s)	EDF (m^3/s)	IDF (m^3/s)
Sedimentation Pond 1	0.6	1.4	5.1
Sedimentation Pond 2	0.5	1.5	5.3
Polishing Pond	1.9	5.7	20.9

For the design of the spillways, a flood routing simulation through the structures was utilized. For this, the broad-crested spillway type was applied for the sedimentation and polishing ponds. For the sedimentation pond, the rectangular section is designed, and for the polishing pond trapezoidal section is considered. The broad crested formula is presented and described in **Section 5.3.4.**

The design incorporated freeboard criteria to prevent overtopping. Specifically, a minimum freeboard of 1.0 m was established for the EDF scenario, while a minimum of 0.6 m was set for the IDF scenario, measured from the spillway crest. These criteria were implemented to ensure an optimal and robust design.

5.5.3.2 Results

Table 5-16 summarizes the results of the design of the spillways. It should be noted that the same spillway design was applied to both sedimentation ponds, as the difference in source flows between the two is negligible (for instance, the total inflow of IDF to Sedimentation Pond 1 is 5.1 m^3/s, while the corresponding value for Sedimentation Pond 2 is 5.3 m^3/s).

Table 5-16 Characteristics of Spillways and Associated Flows in Sedimentation Ponds and Polishing Pond

		Sedimentation Ponds	Polishing Pond
	Spillway Sill El. (m)	381.8	381.4
	Suggested Crest elevation	383.0	382.4
	Bottom Width (m)	5	10
	Side Slope	0H:1V (Rectangular)	3H:1V (Trapezoidal)
	Crest El. (m)	383	382.4
EDF	Max Water Level (m)	382	Using 3 culverts, normal and EDF pass[1]
	Max Water Depth (m)	0.2	
	Peak Flow (m^3/s)	0.8	
	Freeboard (m)	1	
IDF	Max Water Level (m)	382.2	381.8
	Max Water Depth (m)	0.4	0.4
	Peak Flow (m^3/s)	1.8	5.7
	Freeboard (m)	0.8	0.6

Notes:

(1) Three adjacent circular culverts with upstream invert elevation of El. 380.5 and a diameter of 0.9 m.

6. Lake 01 Diversion for the Open Pit

6.1 Description

The proposed pit will be developed in the west end of Lake 01. A water diversion channel and dams will be included in the design to safely reroute lake outflows during the pit development and operations. This system will isolate the pit from the eastern portion of the lake and manage sediment and runoff during the two phases of expansion i.e. the West and East Pit phases. The design complies with environmental regulations and minimizes operational risks.

The system comprises the following key components:

- A diversion channel, constructed in a single phase (Year 2), to reroute outflows from Lake 001 around the open pit and maintain natural drainage continuity throughout the life of mine;
- A series of cut-off dams, constructed in two stages (initially for the West Pit phase and expanded for the East Pit phase) to isolate the pit from upstream lake inflows, and
- Sediment and water management zones within the dewatered lakebed, designed to control runoff and sediment transport using berms, pumping systems, and localized containment strategies.

Together, these components form an integrated water management strategy that supports safe pit operations, protects downstream water quality, and facilitates progressive mining development. The layout of the Lake 001 water management system is illustrated in drawing CASN-A-327-GE-DWG-0001.

Further hydrotechnical design details of each infrastructure component are provided in the following sections.

6.2 Diversion Channel and Cut-off Dams

The diversion channel is designed to safely convey normal and flood flows, including the Probable Maximum Flood (PMF), in accordance with Directive 019 (MELCCFP, 2025). It will have a total length of approximately 870 m, a 5 m wide base, and an average gradient of about 0.3% (drawing CASN-A-327-WM-DWG-0003 in **Appendix B**). The bulk of the channel will be blasted through bedrock and hence the side slopes are at 1:1 H:V. The alignment of the channel was selected to have a minimum 45 m offset from the open pit, a minimum 60 m offset from Lake 02 and Lake 03 and a 10 m offset from Lake 04.

The cut-off dams are constructed in two stages, initially for the West Pit phase and expanded for East Pit phase, to progressively isolate the pit from upstream lake inflows as the mine develops (see drawing CASN-A-327-WM-DWG-0001 in **Appendix B**). These dams are designed to retain water under both normal and extreme conditions, including the PMF, by maintaining a minimum freeboard of 1.5 m to ensure safe containment during extreme flood events without overtopping.

6.2.1 Design Flood

As indicated in **Section 4.2.3**, the Probable Maximum Flood (PMF) is the adopted design flood that was utilized to size the diversion channel and dams. Conceptual hydrologic modeling was carried out to estimate the PMF inflows to Lake 001. The model was set up and developed in the Hydrologic Modeling System (HEC-HMS) version 4.11, developed by the U.S. Army Corps of Engineers (USACE)[1]. The GIS tools in HEC-HMS were used to delineate the contributing catchment, which has an area of approximately 106 km² (Figure W7). This delineation was based on a 30-m resolution Shuttle Radar Topography Mission (SRTM) digital elevation model (DEM). The 72-hour summer Probable Maximum Precipitation (PMP) of 386.6 mm (AtkinsRéalis, 2025c) was utilized in the model. The simulated PMF hydrograph is illustrated in Figure W9. The results show that the peak inflow to the lake is approximately 536 m³/s. This hydrograph forms the basis for the hydraulic design of the diversion channel and for establishing the minimum crest elevations of the cut-off dams.

6.2.2 Hydraulic Design of Diversion Channel and Cut-off Dams

The design of the diversion channel geometry and establishment of the minimum required crest elevation for the cut-off dams were carried out through an iterative reservoir routing process using the PMF inflow described in **Section 6.2.1**. The routing analysis was performed using the elevation-storage curve of Lake 001 upstream of the diversion channel (Figure W8), and the rating curve of the proposed diversion channel, developed using HEC-RAS (**Table 6-1**). The PMF hydrograph was routed through the lake to determine the maximum water level and peak outflow during the design event.

The results of the reservoir routing analysis based on the designed configurations of the diversion channel are detailed in Figure W9. The invert elevation of the diversion channel was set at 373.0 m.a.s.l., consistent with the existing lake outlet. The channel geometry was optimized through iterative adjustments to accommodate the routed flow while maintaining a minimum freeboard of 1.5 m from the maximum water level obtained in the routing exercise. This allows establishing the cut-off dam crests. The final configuration of the diversion channel and the corresponding minimum crest elevation of the dams are summarized in **Table 6-1**. The channel depth was determined to meet the required freeboard of 0.6 m during the peak outflow event along the channel. Details of the diversion channel profiles and sections are presented in drawing CASN-A-327-WM-DWG-0003-A (**Appendix B**).

Table 6-1 Diversion Channel and Cut-off Dams Hydrotechnical Design Configuration

Parameters	Unit	Value
Diversion Channel Base Width	[m]	5
Diversion Channel Crest Side Slope	[H:V]	1:1
Diversion Channel Invert Elevation	[m]	373.0
Diversion Channel Longitudinal Slope	[%]	0.3
IDF Peak Outflow	[m^3/s]	94.9
IDF Peak Water Level	[m]	377.0
Cut-off Dams Minimum Crest Elevation	[m]	378.5

[1] *The Soil Conservation Service (SCS) Curve number and the Clark Unit hydrograph methods were used to simulate the rainfall-runoff process.*

6.2.3 Fish Habitat and Passage Design Considerations

The diversion channel will replace the existing natural stream discharging from Lake 001 to CE 15 river. The design of the channel should therefore replicate the hydraulic conditions of the natural stream for fish habitat and fish passage (PMET, 2025b). This will be achieved by providing a series of drops and pools along the channel bed, to create varying hydraulic conditions. These hydraulic conditions will facilitate rapid flows and water depths, both upstream and downstream of the drops. Boulders are recommended to be placed between sections of the channel where high velocities are present to provide shelter for fish during their migration from downstream to upstream. Figure W11 shows a schematic representation of the proposed fishway channel. Comparison between the results of the hydraulic modelling and field measurements showed that the velocities at the depths of the diversion channel are within a similar range of values to those measured in the natural stream.

6.3 Lake 001 Sediment and Water Management Strategy

The dewatering of Lake 001, undertaken as part of the phased development of the Open Pit, required a staged sediment and water management strategy to mitigate environmental risks and maintain operational efficiency. Distinct strategies were developed for West and East Pit phases, aligned with the evolving pit footprint and associated changes in drainage patterns, topography, and bathymetry within the lake's original boundary.

The West Pit phase involves dewatering the western portion of Lake 001 following the construction of the West Pit cut-off dams. The dewatered area is divided into two zones, west and east, by a berm (Sediment Control Dam 1) constructed at a narrow, shallow point within the former lakebed (Figure W12).

- In the East Zone, sediments are to be removed to prevent mobilization into the pit. Runoff from this area will flow directly into the open pit and be transferred to the Industrial Area ponds for sediment treatment.
- In the west zone, sediments are proposed to remain in place. To prevent sediment-laden runoff from entering the pit, a permeable berm and pumping system will be installed. This system is designed to manage runoff volumes up to the 10-year flood event, with water pumped to the sedimentation pond in the Industrial Area prior to environmental discharge.

The East Pit phase extends the open pit approximately 1.4 km eastward, requiring the construction of three additional cut-off dams and further sediment and water management measures across three zones: North, Central, and South (Figure W12).

- In the North and Central zones, sediments will be removed to eliminate mobilization risks. Runoff will be diverted into the pit and subsequently pumped to the Industrial Area for treatment.
- In the South Zone, sediments will remain in place. A berm (Sediment Control Dam 2) will be constructed at a narrow, shallow location to isolate the zone and prevent sediment transport into the pit. This berm is designed to contain runoff from events up to a 1 in 10-year return period. A pumping system will manage runoff by directing it to the sedimentation pond for TSS control prior to environmental discharge.

Both sediment control dams are designed to prevent sediment-laden runoff from entering the open pit and to manage surface water during storm events. The berms, constructed primarily from permeable waste rock, are engineered to temporarily contain runoff from precipitation events up to a 1 in 10-year return period and withstand overtopping during less frequent, extreme events. Key design parameters for the sediment control berms and the required pumping capacities are summarized in **Table 6-2**.

Table 6-2 Sediment Control Berms Design Configuration

Parameters	Unit	Sediment Control Dam 1 (West)	Sediment Control Dam 1 (South)
Catchment Area	[km^2]	0.35	0.34
Peak Water Level (10-year 24-hour storm)	[H:V]	372.4	372.5
Crest Elevation	[m]	372.5	372.5
Crest Width	[m]	5.0	5.0
Downstream Side Slope	[H:V]	1.5	1.5
Upstream Side Slope	[H:V]	1.5	1.5
Pumping Capacity	[m^3/hr]	230	580

6.4 Stability Analysis for Dams in Lake 01

The construction of the cutoff dams will be completed in two phases, aligning with the development of the pit. For West Pit phase, only a single dam is needed within Lake 001. A part of this dam will extend onto dry land adjacent to Lake 001 to prevent floodwaters from bypassing the structure. In the East Pit phase development, a total of four additional dams will be required within Lake 001, positioned to the east of the West Pit dam. The construction of the cutoff dams requires the removal of lake sediments from the foundations.

AtkinsRéalis has performed stability and seepage analyses to evaluate the dam's feasibility, as detailed in the following sub-section.

6.4.1 Stability Assessment

Lake 001 cut-off dam is designed with two main cross-sections: one for the dam within the lake (the critical section), and the other for the dam on dry land. Slope stability analyses were performed on the critical section (East Pit phase), as illustrated in Drawing no CASN-A-327-WM-DWG-0001-A (**Appendix B**), where a comparatively greater amount of borehole (BH) information is available. In this section, a gravel layer serves as overburden over the bedrock, and the water depth measures 4.4 meters.

These analyses were conducted using SLOPE/W Version 2023.1.2, a two-dimensional limit equilibrium software developed by Geo-Slope International Limited. The Morgenstern-Price method was employed to identify potential failure surfaces within the slopes of the stockpiles and their underlying foundations. These analyses aimed to determine the most critical failure surfaces yielding the most conservative Factor of Safety (FoS). The FoS is the average available shear strength (resisting force) ratio to the average mobilized shear stress (driving force) along a specific failure surface.

The following subsections provide detailed information regarding the geometry of the dam, material properties, loading scenarios, and phreatic surface used in the model, along with a discussion of the stability analysis results.

6.4.1.1 Model Geometry

The geometry of one of the critical sections is illustrated in Drawing no CASN-A-327-WM-DWG-0001-A. As shown in the drawing, the dam's crest width is designed to be 6.0 meters. The cutoff dams' upstream and downstream slopes will have a gradient of 3 horizontal to 1 vertical (3H:1V). The toe berms, which measure 6 meters in width on both the upstream and downstream sides, will have a slope of 2.5 horizontal to 1 vertical (2.5H:1V). The top of the sheet pile wall will be trimmed to an elevation of 378.1 meters above sea level (m.a.s.l.). An additional 0.3 meters of road top material will be placed on top, resulting in a final dam crest elevation of 378.4 m.a.s.l.

Upon completion, these dams will be breached or their height will be reduced to allow for flow into the open pit.

6.4.1.2 Minimum Factor of Safety

AtkinsRéalis has classified the dams according to the CDA Dam Safety Guidelines and the Quebec Dam Safety Act. The CDA classification is primarily based on the "population at risk" located downstream. Under normal operating conditions, the site will have between 50 and 500 workers present, resulting in an "Extreme" hazard classification for the dam. The Quebec Dam Safety Act classifies it as "Class C," with a P-value of 58.

This dam classification determines the return period for seismic events and the Inflow Design Flood (IDF) used in the dam's design. For a dam classified as "Extreme," the CDA guidelines from 2019 and MELCCFP 2025 require a return period of 1 in 10,000 or the Maximum Credible Earthquake. The IDF is defined as the Probable Maximum Flood (PMF), which considers the Probable Maximum Precipitation (PMP). A minimum freeboard of 1.5 meters has been considered for the IDF design, in accordance with the Quebec Dam Safety Act.

Multiple loading conditions were conducted to establish the necessary stable configurations of the dam.

, summarizes the minimum required factors of safety under different loading conditions. Details can be found in the Design Criteria Memorandum (CASN-A-370-GT-DCR-0001).

6.4.1.3 Piezometer and Loading Conditions

6.4.1.3.1 End of Construction (EoC)

The cutoff dam will be constructed underwater, and the elevation of the EOC phreatic surface has been modelled to the normal water level (NWL) of the adjacent existing lake, both upstream and downstream. A minimum target factor of safety (FOS) of 1.3 has been established for short-term static conditions, as outlined in **Table 6-4**.

6.4.1.3.2 Project flood (short-term)

During a projected flood event, the phreatic surface of the dam is assumed to align with the Inflow Design Flood (IDF) level of the lake for both the upstream and downstream (as a conservative approach) sides of the dam. A minimum targeted factor of safety (FOS) of 1.3 has been established for short-term static conditions, as shown in **Table 6-4**.

6.4.1.3.3 During Operation (Long-term)

During the operational condition, the upstream phreatic surface of the dam is assumed to be at the normal water level (NWL) of the existing upstream lake. The downstream phreatic surface was modelled at the ground surface and, more conservatively, at a higher level within the dam. A minimum targeted factor of safety (FOS) of 1.5 has been established for the long-term static conditions, as indicated in **Table 6-4**.

6.4.1.3.4 Quick Drain

Quick drawdown scenarios were not analyzed for the cutoff dam because if dewatering occurs rapidly on the downstream side, the pore pressure is unlikely to remain within the dam. This is due to the fill materials being drained quickly, assuming by a dimensionless time factor (T) greater than 3. A T ($=\frac{C_v t}{D^2}$) value greater than 3 does not require a quick drain analysis, where Cv represents the coefficient of consolidation, t is the time for drawdown, and D is the drainage distance.

6.4.1.3.5 Pseudo-Static Analysis

A pseudo-static analysis was conducted to evaluate the dynamic stability of the dam. The site is classified as Class D based on Canadian Foundation Engineering Manual, with a horizontal seismic acceleration coefficient (K_h) of 1.1g (50%) of the PGA extrapolated from NMC (2020) for a 1 in 10,000-year event) (HPC: Extreme) used in the pseudo -static analysis A minimum target factor of safety (FOS) of 1.1 has been established for the pseudo-static conditions, as shown in **Table 6-4**.

6.4.1.3.6 Post-Seismic

It is assumed that the loose silty sand and sandy silt materials within the dam foundation will be completely removed during construction, ensuring that the foundation is non-liquefiable in both static and seismic conditions. Therefore, a post-liquefaction analysis was not conducted.

6.4.1.4 Material Properties

The material density and strength parameters used in the stability analyses were derived by AtkinsRéalis, based on geotechnical investigations conducted by BBA (BBA, 2024) in Lake 001. When data from field or laboratory tests were unavailable, assumptions were made based on AtkinsRéalis' s experience with similar materials **Table 6-3** summarizes the material parameters and models utilized in this study. A detailed description of the properties of these materials is provided in the following subsections.

Table 6-3 Mechanical Properties for the Slope Stability Analyses

Material Description	γ (kN/m3)	C' (kPa)	Φ' (˚)	Model Type
Waste Rock (-450 mm)	20	0	38	Mohr Coulomb
Crushed stone (-75mm)	19	0	32	Mohr Coulomb
Granular B Type II	19	0	32	Mohr Coulomb
Bedrock	Impenetrable			Mohr Coulomb
Gravel (GW)	19	0	36	Mohr Coulomb
Sandy Gravel (GP-GM)	19	0	35	Mohr Coulomb
Silty SAND (SM)	17.8	0	31	Mohr Coulomb
Sandy Silt (ML)	16.5	0	29	Mohr Coulomb

6.4.1.4.1 Foundation

BBA Engineering Ltd. conducted a geotechnical investigation to assess the subsurface conditions at the site (BBA, 2024). A total of sixty-one (61) boreholes were drilled for field tests, including Standard Penetration Tests (SPT) and laboratory analyses. Among these boreholes, six (6) were located in Lake 001. The primary purpose of these boreholes was to determine the stratigraphy and evaluate the properties of the foundation soil.

The selected soil samples were analyzed at the Englobe laboratory in Montreal, where tests were performed to evaluate particle size distribution, water content, specific gravity, and uniaxial compressive strength (UCS). Additional assessments were conducted to determine the elastic modulus and Poisson's ratio. AtkinsRéalis analyzed the borehole logs created by BBA, along with the laboratory test data from the investigation, to develop soil profiles for the site in accordance with the Unified Soil Classification System (USCS) and ASTM D2487-17 standards (AtkinsRéalis, 2025a). AtkinsRéalis interpreted the 'N-values' obtained from BBA's SPT to provide recommendations regarding the material properties of the classified soil units.

Based on AtkinsRéalis' interpretations, the foundation beneath the footprints of the cut-off dam consists of SILT/Sandy SILT/SILT with Gravel (ML). Below the ML layer, a Silty SAND/Silty SAND with Gravel unit (SM) was identified. Underneath this SM layer is a Silty GRAVEL with Sand/GRAVEL with Silt and Sand unit (GM), followed by a Gravel unit (including cobbles) (GW), which is situated above the bedrock. The estimated friction angles of 29º, 31º, 35º, and 36º, along with unit weights of 16.5, 17.8, 19, and 19 kN/m³, were derived from the analysis of the SPT 'N-values' for ML, SM, GM, and GW, respectively, and were used in the model.

6.4.1.4.2 Fill Materials

The dam requires different fill materials for its construction. The central zone, known as Zone 1, consists of crushed rock that facilitates the installation of sheet piles. The fill-material for Zone 1 have a maximum particle size of 75 mm. The main structure of the dams is built with geochemically inert rockfill (NPAG), referred to as Zone 2. Zone 2 material have a maximum particle size of 450 mm. This Zone 2 rockfill provides the necessary stability for the dam. Additionally, a wearing course (Granular B Type II material, referred to as Zone 4) will be placed on top of the dam crest to ensure vehicular access for inspections.

Currently, there is no laboratory data available for filling materials. For the model, effective friction angles of 38°, 32°, and 32° have been assigned, along with unit weights of 20, 19, and 19 kN/m³ for waste rock (sized at -450 mm), crushed stone (sized at -75 mm), and Granular B Type II, respectively. These values are based on AtkinsRéalis' previous experience with similar materials and have been assigned conservatively.

6.4.1.4.3 Bedrock

The Slope failure surfaces are assumed not to pass through the bedrock. Therefore, bedrock is modelled as impenetrable, and no model parameter was assigned.

6.4.1.5 Stability Analysis Results

Table 6-4, summarizes the results of the stability analyses, which were conducted using both the block method and the entry-exit method. The entry-exit (non-circular) method yielded a lower Factor of Safety (FoS), so the findings are based on this method. The detailed results are presented in **Appendix D** from Figure S1-S8.

In the case of the End of Construction (EoC) and the Inflow Design Flood (IDF) water levels, the FoS for both the upstream and downstream sides of the dam are identical. This is due to the symmetric nature of the structure and the similar water levels on both sides of the dam. However, in the case of long-term and pseudostatic conditions, the FoS for the upstream phase is lower than that for the downstream. This difference is attributed to the water level of 373 m in Lake 001 on the upstream side, where the phreatic surface is typically at or near the ground surface on the downstream side.

The IDF condition resulted in a lower FoS compared to the operational phase, as expected, due to the higher phreatic surface during the IDF (at 376.9 m) compared to the Normal Water Level (NWL) at 373 m.

The lowest FoS occurs under pseudo-static conditions (FoS = 1.67), due to the dynamic loading conditions.

As indicated in **Table 6-4**, the dam meets the required factors of safety under all conditions. Additional geotechnical investigations in the lake should be planned for the next phase of work, and the dam's geometry can be further optimized.

Table 6-4 Slope Stability Analysis Results, Diversion Dams

Zone	Loading condition	FoS	Reference2	Minimum FoS (MDDEP, 2012; MRNF, 2024)
Upstream	End of each construction phase (short-term)	2.45	Figure-S1	1.3 to 1.5
Upstream	In the presence of the project flood (short-term)	2.31	Figure-S2	1.3
Upstream	Stationary conditions (long-term)	2.39	Figure-S3	1.5
Upstream	Pseudo-static	1.67	Figure-S4	1.1
Downstream	End of each construction phase (short-term)	2.43	Figure-S5	1.3 to 1.5
Downstream	In the presence of the project flood (short-term)	2.34	Figure-S6	1.3
Downstream	Stationary conditions (long-term)	2.63	Figure-S7	1.5
Downstream	Pseudo-static	1.99	Figure-S8	1.1

6.4.2 Seepage Analysis

Steady-state, 2-dimensional seepage analyses were performed to assess the seepage flow. The analyses were conducted using the computer software SEEP/W 2023, Version 2023.1.2, developed by GEO-SLOPE International Ltd.

6.4.2.1 Material properties

The material hydraulic conductivity parameters used in the seepage analyses were determined from Atkins Realis's experience with similar materials. **Table 6-4** summarizes the parameters adopted for the current study.

[2] Stability Analysis Results (Figures) are presented in **Appendix D**

Table 6-5 Hydraulic and Mechanical Properties for the Seepage Analyses

Material Description	ksat (m/s)	Model Type
Waste Rock (-450 mm)	5×10^{-4}	Saturated / unsaturated
Crushed stone (-75mm)	5×10^{-5}	Saturated / unsaturated
Granular B Type II	2×10^{-5}	Saturated / unsaturated
Bedrock	7×10^{-7}	Saturated
Gravel (GW)	5×10^{-4}	Saturated
Sandy Gravel (GP-GM)	5×10^{-5}	Saturated
Silty SAND (SM)	1×10^{-6}	Saturated
Sandy Silt (ML)	1×10^{-7}	Saturated

6.4.2.2 Piezometric Conditions and Hydraulic Boundaries

The upstream phreatic surface and hydraulic boundary of the dam are assumed to be at the normal water level (NWL) for Lake 001. The model extends to the rim of the open pit, with the downstream boundary condition set as the review surface to simulate seepage into the open pit.

Seepage is determined based on the contributions from Lake 001, while seepage from rainfall infiltration is not considered.

6.4.2.3 Seepage Analysis Results

Table 6-6 summarizes the seepage analysis results. The results were used in planning the dewatering of the open pit. The seepage analysis estimated the flow into the open pit to vary from 360 m^3/day for Phase I to 1,000 m^3/day for Phase II.

Table 6-6 Seepage Analysis Results

Description	Flux Rate (m^3/s/m)	Dam Length (Underwater), m	Flow Rate (m3/d)	Flow Direction
Seepage through the downstream phase of the dam (Open Pit is not considered) - West Pit	7.00E-06	90	50	From Lake 001 to the downstream of the dam
Seepage through the downstream phase of the dam (Open Pit is not considered) - East Pit	7.00E-06	300	190	From Lake 001 to the downstream of the dam
Seepage to the open pit (West Pit) (depth of Open Pit is 225m)	4.80E-05	90	360	From Lake 001 to Open Pit
Seepage to the open pit (East Pit) (Depth of Open Pit is 185m)	3.80E-05	300	1,000	From Lake 001 to Open Pit

7. Contact Water Treatment

7.1 General

This project anticipates two distinct water qualities: one contaminated only with total suspended solids (TSS), and another containing trace metals.

Water contaminated solely with TSS originates from the dewatering of the open pit and underground mine, as well as runoff from the non-acid-generating (NAG) waste rock and the industrial area. These flows are treated using sedimentation ponds as described in **Section 5.5**.

Water containing trace metals originates from potentially acid-generating (PAG) waste rock, tailings, and process plant wastewater. This water will undergo treatment using a physico-chemical process to ensure compliance with discharge limits. The treatment process includes pH adjustment, the use of chelating agents, coagulants, flocculants, and ballast-assisted clarification. The treated effluent is then directed to a polishing pond. Sludge generated from the treatment process is dewatered using filtration bags, and the resulting filtrate is pumped back into the treatment circuit for further processing.

Based on hydrological studies, the treatment plant is designed with an initial treatment capacity of 2,000 m³/hr, which increases to 2,800 m³/hr after two (2) years to accommodate the full development of Stockpile 002. During extreme events, such as those defined by Directive 019, the treatment system operates at a higher flow rate because the concentrations of metals and particles are lower due to the high volume of water.

Given that only sedimentation ponds are planned for the removal of TSS, a contingency physico-chemical treatment system is also designed and included in the project drawings. This system employs a physico-chemical process involving coagulation, flocculation, and clarification. Sludge generated from this process is managed using filtration bags.

To maximize water reuse, process water is sourced from the polishing pond.

7.2 Water Treatment Plant Design

7.2.1 Trace Metals

Contact water from PAG waste rock, tailings, and wastewater from the process plant requires treatment to remove trace metals to comply with discharge criteria outlined in Directive 019 (D019) and the Metal and Diamond Mining Effluent Regulations (MDMER). The preliminary design of the Trace Metals Water Treatment Plant (TMWTP) includes the following components:

- **Prefabricated, heated containers**
  - Easily deployable on site for modular and flexible installation.

- Reaction container
  - pH adjustment using sodium hydroxide (NaOH) solution;
  - Precipitation of trace metals as metal hydroxides and/or sulfides using a chelating agent;
  - Coagulation to co-precipitate colloidal suspended solids and metal precipitates by binding them to ferric hydroxide, and
  - Flocculation to promote the formation of larger, settleable flocs.
- Containerized clarifier with microsand ballast
  - A containerized system includes a rapid mix tank, a flocculation reactor tank, and a lamella clarifier;
  - Microsand is used to enhance settling efficiency of the floc, and
  - A hydrocyclone separates the microsand from the sludge for reuse.
- Splitter box
  - Enables sludge recirculation upstream in the treatment process to seed and enhance further particulate formation.
- Filtration bags for sludge dewatering
  - Three filtration bays are planned for the early stages of mining;
  - A fourth bay is added once the mine reaches full development;
  - When a filtration bag is full, it is taken offline to allow for sludge consolidation, and
  - The filtrate is collected in a ditch and returned to the treatment system via a sump pump.

It is important to note that the treatment process described above will be further refined and optimized during the next engineering phase. Adjustments will be made as additional data becomes available, particularly regarding the projected water quality to be treated and managed. This includes updated geochemical characterization of waste rock, tailings, and process effluent, as well as findings from the project's environmental impact assessment. The drawings CASN-A-361-IN-PID-0001 to 0010 and CASN-A-362-PR-0001 and 0002 show the P&ID and PFD of the system.

7.2.2 TSS Removal

Contact water from NAG waste rock (Stockpile 001), the industrial area, and dewatering of the open-pit and underground mine will contain TSS. A treatment using natural decantation by sedimentation ponds is privileged as described in **Section 5.5.2.1**. However, some contact water, particularly from the former Lake 001 after dewatering, may contain high levels of TSS. To address this, a second active water treatment system is designed as a contingency measure only if TSS levels are found to be too high to manage.

The preliminary design of the Suspended Solids Water Treatment Plant (SSWTP) includes the following components:

- Prefabricated, heated containers
  - Easily deployable on site for modular and flexible installation.
- Containerized clarifier with microsand ballast
  - Containerized system includes a rapid mix tank, a flocculation reactor tank and a lamella clarifier.
  - Microsand is used to enhance settling efficiency of the floc.
  - A hydrocyclone separates the microsand from the sludge for reuse.

- Filtration bags for sludge dewatering
  - Three filtration bays are planned for the early stages of mining.
  - A fourth bay will be added once the mine reaches full development.
  - When a filtration bag is full, it is taken offline to allow for sludge consolidation.
  - The filtrate is collected in a ditch and transferred to the polishing pond via a sump pump.

The drawings CASN-A-361-IN-PID-0001 to 0006 and CASN-A-362-PR-0001 show the P&ID and PFD of the system.

7.3 Pump Stations

Pumping stations are required to transfer contact water across the site and to supply water for mining activities. The objectives of the pumping stations are as follows:

- To pump contact water from runoff ponds to either active or passive water treatment systems. As mentioned in **Section 5.1**, this includes actively pumping the 1-in-100-year snowmelt during environmental flood events.
- To pump treated water from the polishing pond to the process plant, paste plant, and underground mine.

Depending on the collection pond's depth (more or less than 6 m), centrifugal or vertical pumps are employed to transfer contact water. Purge systems are designed for each pipeline: either using vacuum breakers and drain valves for lines carrying non-contact water, or pigging systems with compressors for contact water.

Each pumping station includes one standby pump to ensure redundancy. A sufficient inventory of spare parts is maintained to enable quick repairs in the event of failure. All pumps are equipped with variable frequency drives (VFDs) to adjust flow rates based on weather conditions. Pipes are sized based on total dynamic head and are made of HDPE to minimize head loss. A dedicated pipeline serves each pumping station. All pipelines are installed above ground on pipe benches along the roadside. The pipeline carrying treated water to the process facilities is fully insulated and heat-traced to prevent freezing.

Figure W13 presents a typical arrangement of a station equipped with vertical turbine pumps.

Table 7-1 summarizes the pump specifications used for water management at the on-site pumping stations. For normal conditions, the pumps operate at 40% of their design capacity. P&ID and PFD of the pump stations can be found in drawings the CASN-A-360-IN-PID-0001 to 0002 and CASN-A-360-PR-PFD-0001 to 0008.

Table 7-1 List of Contact Water Pumping Stations

Pump Station	Pond 1 to polishing pond	Pond 1a to polishing pond	Pond 2 to treatment	Pond 3 to treatment	Contact water pond #1 to sedimentation pond	Contact water pond #2 to sedimentation pond	Polishing pond to process plant	Treatment to polishing pond
Equipment tag	P1-PMP-00X	P1a-PMP-00X	P2-PMP-00X	P3-PMP-00X	CP1-PMP-00X	CP2-PMP-00X	PP-PMP-00X	CWT-PMP-00X
Design flow rate (m3/hr.)	592	362	706	2060	1450	750	379	2800
Design TDH (m)	57	11	25	37	17	3.5	21	5
Type of pump	Horizontal centrifugal pump	Horizontal centrifugal pump	Vertical turbine pumps	Vertical turbine pumps	Horizontal centrifugal pump	Horizontal centrifugal pump	Vertical turbine pumps	Suction pump
Number of pumps	1 + 1	1 + 1	1 + 1	2 + 1	2 + 1	1 + 1	1 + 1	3
Pipeline diameter (mm)	350	350	400	600	500	350	300	650
Pipeline material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE

8. Potable Production and Sewage Treatment

8.1 Potable Water Production

8.1.1 Pumps and Pipeline

A floating pump barge is installed on Lake 308 to supply fresh water for potable water production. A recirculation line keeps water moving around the barge to prevent freezing. The pipe is insulated and traced to ensure freeze protection. **Table 8-1** outlines the specifications of the pump and pipeline.

Table 8-1 Specifications of the Potable Water Pump and Pipeline System

Pump Station	Lake 308 to Potable Water Production Plant
Equipment tag	FW-PMP-00X
Design flow rate (m3/hr)	10 + 15 (recirculation)
Design TDH (m)	62
Type of pump	Submersible pumps on barge
Number of pumps	1 + 1
Pipeline diameter (mm)	75
Pipeline material	HDPE
Freeze protection	3in insulation + Heat tracing

8.1.2 Treatment

Surface water from Lake 308 is treated year-round using ultrafiltration and nanofiltration to remove total suspended solids (TSS) and total organic carbon (TOC). The treatment system is located beside the camp.

The preliminary design of the Potable Water Production Plant includes the following components:

- Prefabricated, heated containers for modular and flexible on-site deployment;
- Ultrafiltration units;
- Nanofiltration units;
- UV disinfection system;
- Chlorine injection system;
- Potable water storage tanks, and
- CIP (Clean-In-Place) skid for membrane cleaning.

Residual water from the CIP process is neutralized before being directed to the sewage treatment system, ensuring that it does not interfere with the biological treatment processes. Detailed Process Flow Diagrams (PFD) and Piping and Instrumentation Diagrams (P&ID) are provided in drawings CASN-A-341-IN-DWG-0001 and 0002.

8.2 Sewage Treatment

8.2.1 Treatment

All domestic wastewater from the camp and industrial area facilities is collected and sent to a central sewage treatment system. Drawing CASN-A-370-GT-DWG-0001 shows the preliminary location of the treatment.

The preliminary design of the sewage treatment system includes the following components:

- Prefabricated, heated containers
  - Easily deployable on site for modular and flexible installation.
    - A grease trap located on the line from the kitchen.
    - An equalization tank to buffer the peak flows generated during team rotations.
  - A biological reactor – Moving BioBed Reactor (MBBR) for BOD and TOC removal.
    - A phosphorous removal using coagulation by sulfate ferric
  - A clarification using Dissolved Air Flotation (DAF)
    - A disinfection step of the treated effluent using UV lamps
  - Sludge management consists of a filter press to dewater the sludge. The dry cakes is disposed of with the regular waste (non-hazardous materials)

In addition, a grease trap is planned for the kitchen's effluent. An equalization tank must be implemented to buffer the peak flows generated during team rotations.

8.2.2 Discharge

The treated water is accumulated in a pump station to be transferred to the polishing pond. A vacuum breaker is included at the high point of the line to ensure the line is gravity-drained after each pumping. **Table 8-2** presents the characteristics of the pump station.

Table 8-2 Pumping Station Employed in the Project to Discharge the Treated Domestic Wastewater

Equipment tag	SWT-PMP-00X
Design flow rate (m3/hr)	6
Design TDH (m)	15.5
Type of pump	Centrifugal
Number of pumps	1 + 1
Pipeline diameter (mm)	75
Pipeline material	HDPE
Freeze protection	Vacuum breaker to gravity drain the line

9. Final Discharge

9.1 Generalities

There will be only one discharge point for the whole mining facility. The polishing pond collects all the treated effluent produced by the different water treatment plants for final treatment and homogenisation. Considering the proximity between the polishing pond and the river CE015, the treated Final Effluent is discharged by gravity.

The water treatment system is designed to meet the discharge criteria set out in Directive 019 and the MDMER (outlined in Table 4-4). However, since all mining effluents are routed to the polishing pond, additional attenuation of contaminant concentrations is expected before final discharge.

The final concentrations at the discharge point were calculated using:

- the water quality at the outlet of the treatment system,
- the water quality from Stockpile 001 (Vision Geochemistry, 2025),
- the baseline hydrogeological dewatering water quality

The following table presents the maximum calculated concentrations observed over one year under normal precipitation conditions. The concentrations in the surface water are also presented from the hydrogeological baseline conducted by BBA.

Table 9-1 Comparison of final effluent concentrations with natural background levels in surface water

	Aluminium	Antimony	Arsenic	Cadmium	Copper	Lithium	Nickel	Uranium
				mg/L				
Final effluent	0.04	0.019	0.063	0.005	0.001	0.012	0.0116	0.005
Surface water	0.139	0.0046	0.001	31.025	0.001	Not determined	0.184	0.001

A dispersion modelling study was conducted to assess how the contaminants disperse in the river and subsequently in the lake. The main objective was to ensure that contaminants do not accumulate in the water and that they disperse uniformly throughout the environment. In Table XX, only arsenic is regulated under Directive 019 (or the MDMER) and exceeds the applicable criteria. Therefore, arsenic is the only parameter that will be modeled.

9.2 Discharge Diffuser

To ensure proper mixing of the treated Final Effluent in the receiving environment, a subsurface discharge diffuser system is required. The discharge from the polishing pond consists of three (3) 36-inch diameter pipes, which progressively reduce to 24-inch, 16-inch, and 6-inch in diameter in the river. This reduction in diameter ensures adequate velocity within the diffuser system.

Each submerged pipe is 90 meters long and equipped with 14 diffusers of 6 inches in diameter. Each diffuser is fitted with a check valve to prevent backflow. To maintain the diffuser lines submerged, even when empty, concrete ballast blocs weighing 610 lbs each are used.

Figure W14 illustrates the detailed configuration of the diffuser system.

9.3 Diffusion in the River

9.3.1 Methodology

To evaluate how trace contaminants in the mine's final effluent disperse into the environment, a model using HEC-RAS software (v. 6.7) was developed for the river. The model simulates advection-dispersion processes along the 4.3 km river reach (from the entrance of the diversion channel to the entrance of Lake 027), incorporating flow conditions from the 1D hydraulic model and effluent characteristics (concentration). The simulation tracks the concentration of the contaminant (Arsenic) along the reach, identifying the point at which the concentration stabilizes and becomes uniformly mixed with the river flow.

For boundary conditions, the effluent is introduced at km 2.5, with a constant Arsenic concentration of 0.06 mg/litre as per design criteria. Based on the measurements of BBA (2024), the initial conditions of Arsenic in the river (km) are 0.001 mg/litre. The measurements were conducted at km 2.8 of the river, i.e., approximately 0.3 km downstream of the effluent discharge point. (Figure W15). Therefore, it can represent the initial status of the contaminant in the river.

For hydraulic simulation, it is assumed that the river is in its average flow conditions with a discharge value of 3.1 m^3/s at the entrance of the diversion channel. Also, as mentioned in previous sections, the design basis for the flow from the effluent discharge point is 30% of the discharge from the diversion channel (at the maximum ratio). Therefore, an effluent discharge value of 0.93 m^3/s was applied as the flow boundary condition. **Table 9-2** summarizes the flow conditions and quality parameters in the river.

Table 9-2 Boundary Conditions for Flow and Water Quality

	Flow discharge - m^3/s	Concentration of contaminant (Arsenic) – mg/liter
Upstream (diversion channel)	3.1	0.001
Effluent discharge point	0.93	0.1

9.3.2 Results

The domain is initialized with C = 0.001 mg/liter for Arsenic. Then the boundary conditions for the selected flow values are applied. The results of the simulated longitudinal profile of the Arsenic concentration in the river are presented in Figure W16. The concentration of Arsenic in the river after equilibrium is 0.0145 mg/litre. Upstream of the effluent discharge point, the concentration remains constant at its initial value of C = 0.001 mg/litre. At the effluent location, the simulated concentration reaches a peak value of C = 0.01458 mg/litre, and at the downstream (entrance to Lake 027), it is reduced to C = 0.01448 mg/litre.

According to the Directive 019 (MELCCFP, 2025) guideline, the maximum concentration of Arsenic is 0.1 mg/litre. Based on the results, the simulated concentration is approximately 0.085 mg/litre below the value required in Directive 019 (2025). Therefore, the increased concentration of the Arsenic in the river due to effluent discharge is within the acceptable range by the regulations.

It can also be seen from Figure W16 that the longitudinal mixing zone, defined as the region where the concentration increases from the initial value of 0.001 mg/litre to the final value of 0.0145 mg/litre, extends approximately 200 meters downstream of the effluent discharge point. This indicates that by the time the tracer reaches 200 meters downstream of the discharge point, the concentration of arsenic is fully mixed. Therefore, the fluid is completely mixed before it reaches Lake 027. Figure W17 presents the variation of arsenic concentration at the downstream, entrance of Lake 027 (approximately 4.3 km from the entrance of the diversion channel). Based on this figure, the mixed fluid reaches the lake approximately 1.5 hours after the start, and the concentration reaches the peak value (0.0145 mg/L) after approximately 2.5 hours.

10. Hydrogeological Assessment (Stockpile 002)

Stockpile 002 will store both PAG/ML waste rock and Non-PAG/ML tailings material. The storage of such material requires a protection level A as per Directive 019 (MELCCFP, 2025). Protection level A requires that the hydrogeological settings under and around the storage facility, or the mitigation measures in place, are sufficient to prevent any significant degradation of the groundwater quality due to any potential seepage from the storage facility. Directive 019 requires that a hydrogeological modelling study be carried out to estimate the vertical percolation rates and the numerical simulation of contaminant transport generated by the material stored in the stockpile.

A 3D hydrogeological numerical model was developed to assess the efficacy of the seepage control measures proposed, in this case a geomembrane below Stockpile 002 during the mine operation followed by the installation of an impermeable cover following mine closure, at Stockpile 002 to prevent leaching of arsenic, to support decision making for the design of the stockpile. The development of the model and the results are detailed in AtkinsRéalis report CASN-A-370-HY-REP-0002 and a summary is provided below.

10.1 3D Numerical Model

The model was developed in 3 phases, the pre-mine model considered the present conditions at the site, prior to mine development, and was used to calibrate the model using field data. The mining operations model assumed a fully developed Stockpile 002 and a full mine pit at year 1 until end of mining, and the post-closure phase, from end of mining for 180 years, assumed a reflooded pit and covered Stockpile 002.

The groundwater flow model results suggest that the installation of the geomembrane underlying Stockpile 002 will change the groundwater flow directions to the south and southwest towards Lake L01 and the mine pit, respectively. The modified groundwater flow persists in the closure phase.

The solute transport model simulates the percolation of solutes from Stockpile 002, through the geomembranes (above and below), into the surrounding environment. The results of the solute transport model suggests that Lake L02 is the most at-risk receptor of seepage from Stockpile 002 but that the mitigation system is effective with solute concentrations reaching the environmental receptors being below the applicable criteria after 200 years. Therefore, the model indicates that the proposed measures are adequate to prevent any significant degradation of the groundwater quality due to any potential seepage from the storage facility.

11. Tailings Storage Facility

Tailings produced during process operations will exit the plant as a single stream. The tailings will either be disposed on surface or used as paste backfill for the underground mine. The tailings for surface disposal will be dewatered by dense media separation (“DMS”) or with a belt filter to approximately 88% solids content (Ws/Wt) in the processing plant. The dry tailings will be transported to Stockpile 002, laid down by the hauling equipment, spread with a dozer, and compacted by a vibratory soil compactor. The anticipated total tailings production during the 22-year LoM is evaluated at 71.1 Mt with approximately 54.0 Mt disposed on surface and remaining 17.1 Mt will be used for paste backfill.

A site selection process was completed for the PEA study. Two sites were identified for tailings and waste rock disposal. Stockpile 001 is located northwest of the plant site and will be used exclusively for waste rock disposal due to its proximity to the open pit. Stockpile 002 is located northeast of the plant and will be used for both waste rock and tailings storage. The design of the tailings management component includes the tailings storage area within Stockpile 002 and related water management infrastructure.

11.1 General Design Considerations

The design of the tailings storage facility is based on the following considerations:

- Directive 19 on the Mining Industry (MELCCFP, 2025) considers a dry stack to be an impoundment area without water retention. This defines the design criteria for the drainage system and the earthquake resistance;
- Tailings produced at the plant are conditioned to a sufficiently dry state that allows for transport, placement, spreading and compaction with conventional earth-moving equipment;
- The tailings will be transported from the plant to Stockpile 002 with mining trucks. Tailings for backfill will be pumped to the paste backfill plant;
- The tailings stockpile will be constructed utilizing a bottom-up methodology;
- A starter berm will be provided at the toe of tailings facility;
- The tailings are considered non-acid generating but have been considered as metal leaching for purposes of this study;
- The base of the tailings portion of Stockpile 002 will be lined with a 1.5 mm double textured LLDPE geomembrane;
- Runoff from the stockpile's footprint is managed by lined perimeter ditches and collection ponds;
- Excess water from the collection ponds will be pumped to the Industrial Area for treatment of both Total Suspended Solids (“TSS”) and Trace Metals prior to discharge to the environment or re-use, and
- The external slopes of the tailings facility will be graded for closure as part of the normal operations. At closure, the tailings storage surfaces will be covered with a liner, overburden and topsoil before hydroseeding.

11.2 Tailings Production and Characteristics

The tailings production increases from 1.9 Mt in Year 1 to 5.2 Mt in Year 3. From Year 4 to Year 16, the production is in the range of 4.1 to 4.3 Mt per annum. Production decreases in Year 17 to 2.9 Mt, 1.6 Mt in Year 18, and ceases in Year 19 with 1.25 Mt. The following information was used for the volumetric analysis of the facility:

- The total tailings production for the life of mine is 71.1 Mt.
  - 17.1 Mt of tailings will be used as backfill, and
  - The remaining 54.0 Mt will be disposed of in Stockpile 002.
- The laboratory testing of the tailings sample indicated a standard Proctor maximum dry density = 1,958 kg/m3 (ASTM, D698) and optimum moisture content of 11.7% (Ww/Ws as per soil mechanics);
- The average in-situ dry density of the compacted DMS tailings within the facility for volumetric calculation is assumed to be 90% of the maximum standard Proctor dry density. This value is approximately 1.7 t/m^3 and the required storage volume in Stockpile 002 is therefore 31.0 Mm^3, and
- Tailings for surface disposal will be a mixture of Primary Coarse DMS floats and degrit, Secondary Coarse DMS degrit, Fine DMS floats and degrit, Ultrafine DMS floats and degrit, Recrush DMS floats, DMS Mags, and Belt Filter Cake. The Primary Coarse DMS is the main constituent at about 38% of the total. Belt Filter Cake will comprise 20% of the total stream.

Additional information provided from the tailings testing includes the following:

- The tailings contain approximately 3% fine particles (Silt and/or Clay), around 57% sand, and about 40% gravel. The particle size distribution:
  - D_{80} = 7.68 mm, and
  - Finer than 75 microns = 2.9%.
- The tailings sample exhibits non-plastic behaviour and has a specific gravity of 2.68 (ASTM D854), and
- The average hydraulic conductivity of the tailings at 1200 kPa is 9.46E-04 cm/s, which falls within the permeability range of sandy materials such as well-graded sand (SW).

The testing results are included in AtkinsRéalis report CASN-A-370-GT-REP-0003.

Table 11-1 shows the expected annual production for the tailings streams, the expected underground backfill and the tailings for surface disposal at Stockpile 002.

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Table 11-1 Tailings Production – Stockpiled and Backfill

Period	Produced Tailings	Annual Tailings to Paste Backfill Plant for Underground	Annual Tailings to Stockpile 002	Cumulative Tailings Tonnage to Stockpile 002
(year)	(Mt)	(Mt)	(Mt)	(Mt)
Y-1	0.28		0.28	0.28
Y1	1.86	0.03	1.83	2.11
Y2	2.32	0.38	1.94	4.05
Y3	5.20	1.12	4.08	8.13
Y4	4.30	0.97	3.33	11.46
Y5	4.30	0.98	3.32	14.78
Y6	4.30	0.93	3.37	18.15
Y7	4.30	0.97	3.33	21.48
Y8	4.30	0.98	3.32	24.8
Y9	4.30	0.99	3.31	28.11
Y10	4.31	0.99	3.32	31.43
Y11	4.28	0.99	3.29	34.72
Y12	4.31	0.99	3.32	38.04
Y13	4.29	1.00	3.29	41.33
Y14	4.30	1.01	3.29	44.62
Y15	4.30	1.01	3.29	47.91
Y16	4.10	0.99	3.11	51.02
Y17	2.85	0.98	1.87	52.89
Y18	1.64	1.02	0.62	53.51
Y19	1.25	0.77	0.48	53.99
Y20	0			
Y21	0			
Y22	0			
Y23	0			
Total	**71.10**	**17.11**	**53.99**	**53.99**

11.3 Site Description for Tailings Storage

The total footprint area for Stockpile 002 is 218 ha. The stockpile footprint has been offset a minimum of 60 m from natural streams, lakes, or inferred fish habitats. The site topography varies between elevation 386 m.a.s.l. and elevation 444 m.a.s.l. The topography allows for runoff drainage by gravity to perimeter ditches. The footprint Stockpile 002 is fully lined.

Stockpile 002 will also hold potentially acid generating waste rock. The tailings will be placed separately from the waste rock stockpile. The footprint of the tailings portion of Stockpile 002 is approximately 92 ha (42%). Condemnation drilling has been completed within the Stockpile 002 footprint. A geotechnical site investigation and factual report was completed for Stockpile 002 (BBA, 2024) which included 12 boreholes, sampling and laboratory testing. The soil conditions encountered in the Stockpile 002 footprint are described in **Section 3.4**.

11.4 Tailings Storage Description and Related Infrastructure

The footprint for the stockpile will require tree clearing and removal of topsoil/organics. The stripped topsoil/organics will be stockpiled for use in closure. Overburden material within the footprint found to be loose/saturated will also be removed, following inspection by a geotechnical engineer, and stockpiled in Overburden Piles 004/005. Minimal re-grading of the footprint is expected, although backfilling of any low spots will be required. The natural terrain within the footprint of the stockpile generally allows for drainage to the perimeter of the stockpile. The basin will then be lined with a 1.5 mm double textured LLDPE geomembrane. A cushion geotextile will be provided on top of the geomembrane and the tailings can be placed directly onto the geotextile provided that care is taken to avoid equipment traffic onto the lined basin (see **Figure 11-1**)

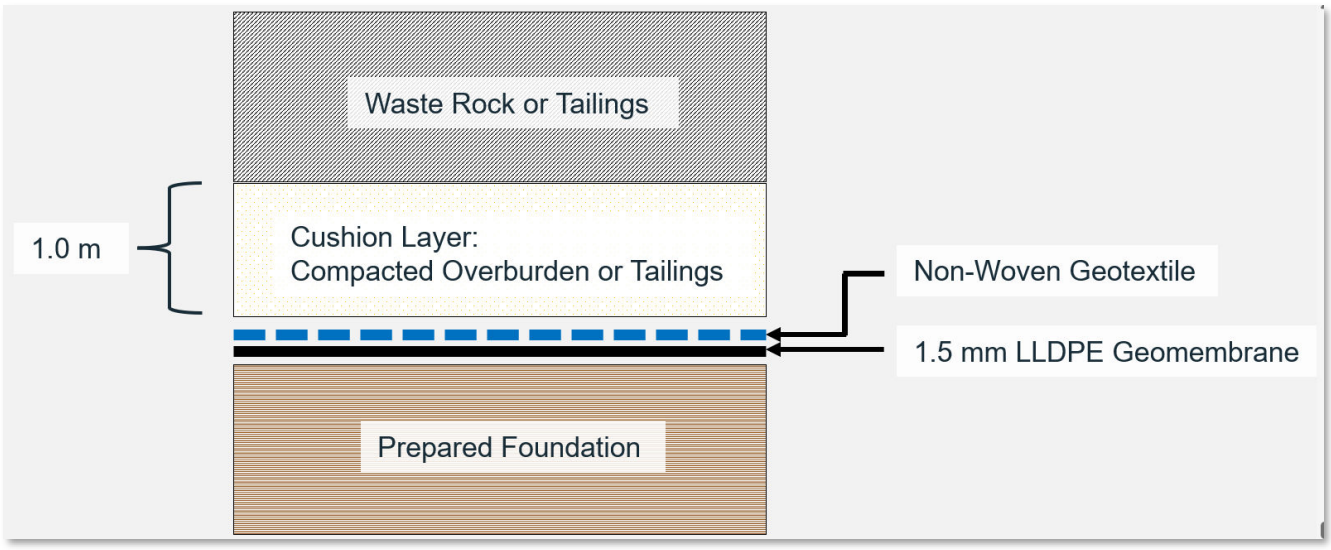


Figure 11-1 Typical Lined Base Stockpile 002

A starter embankment will be provided at the downstream toe of the tailings facility. The starter embankment will ensure a stable toe and provide vehicular access to the toe of the tailings facility to facilitate inspections. The starter embankment will be constructed with Low-Risk waste rock to a height of 3 m and a crest width of 5 m with 3H:1V side slopes. A filter/bedding sand cushion layer will be constructed to 300 mm thick below the starter dam. On the upstream slope of the dam a transition sand and gravel layer will be placed to 300 mm thick and will be overlain by a 300 mm thick later of filter/bedding sand; this will provide cushion between the waste rock dam and the cushion geotextile. The tailings stack will be constructed to facilitate closure with a global external slope of 3.25 H:1 V and intermediate benches 7.5 m wide every 30 m of elevation (see drawing CASN-A-370-GT-DWG-003).

Water management for Stockpile 002 includes a series of perimeter ditches that drain under gravity to two collection ponds. Run-off from the tailings area will discharge via Ditch 02-01 and Ditch 02-02 to Pond 02 and via Ditch 03-01 and Ditch 03-02 to Pond 03. The ditches and ponds will be lined with a 1.5 mm LLDPE geomembrane, covered with a cushion geotextile and a layer of riprap. An access road is provided parallel to, and on the outside of, the ditches. The access road facilitates vehicular access for inspections and repairs also diverts run-off from outside the stockpile footprint from discharging into the ditches. Water collected in Pond 02 will be pumped to Pond 03 and water from Pond 03 will be pumped to the Water Treatment Plant for treatment prior to discharge to the polishing pond. A more detailed description of the water management infrastructure is provided in **Section 5.3**.

11.5 Stability Analysis for Tailings Storage

Stability analysis has been performed for the critical section (section B1) at the tailings storage area (see drawings CASN-A-370-GT-DWG-0002 for the plan view and CASN-A-370-GT-DWG-0004 for the sectional view). Cross-sections selected for the stability analyses are based on the maximum height and steepest slopes as shown in the drawings.

Slope stability analyses were conducted for the tailings stockpile (on the tailings storage area of stockpile 002) using SLOPE/W Version 2023.1.2, a two-dimensional limit equilibrium software program developed by Geo-Slope International Limited. The Morgenstern-Price method was employed to identify potential failure surfaces within the slopes of the stockpiles and their underlying foundations.

11.5.1 Model Geometry

Over the 22-year lifespan of the mine, the anticipated production of tailings is estimated to be 71.1 Mt. Approximately 54.0 Mt of these tailings will be disposed of on the surface, while the remaining 17.1 Mt will be used for paste backfill. Tailings stockpile at Stockpile 002 is designated for storing 54.0 Mt of tailings. A detailed description of the geometric models for the tailings stockpile (accommodating 54 Mt of tailings) is provided in the following sub-sections.

11.5.1.1.1 Operation

The geometry of the critical section B1 for the operational phase of the tailings stockpile is shown in drawing no. CASN-A-370-GT-DWG-0004. The tailings stack features a global external slope of 3.25 horizontal to 1 vertical (3.25 H:1 V) and includes intermediate benches that are 7.5 meters wide, spaced every 30 meters of elevation. As described in **Section 11.4**, the basin of the tailings stockpile will be lined with a geomembrane, which will have a cushion geotextile placed on top. The interface between the geotextile and the geomembrane is critical for slope stability. The analysis revealed that the combination of a 1.5 mm (60 mil) double-textured LLDPE geomembrane and a non-woven geotextile provided the required FoS, and this combination has been selected for the design.

Additionally, the starter embankment has been incorporated into the model to allow vehicular access to the toe of the tailings facility for inspection purposes. This starter embankment will be constructed using low-risk waste rock. It will be 3 meters high and will have a crest width of 5 meters, as shown in drawing no. CASN-A-370-GT-DWG-0004.

11.5.1.1.2 Closure

The geometry of the critical section B1 for the closure phase of the -tailings stockpile is shown in drawing no. CASN-A-370-GT-DWG-0004. Compared to the waste rock at Stockpile 002, the closure model for the tailings does not require a 30 cm thick layer of crushed stone on the slope. Instead, a 1.5 mm double-textured HDPE geomembrane is incorporated into the model directly above the tailings. A geonet is then placed on top of the geomembrane, acting as a drainage layer. Additionally, a 20 cm thick layer of granular materials is placed over the geomembrane, capped with another 20 cm layer of topsoil to facilitate hydroseeding. This configuration in the model accurately reflects the intended structure of the closure.

11.5.1.2 Loading Scenarios and Minimum FoS

Stability analyses were performed under both static and pseudo-static conditions. It is important to note that the factor of safety (FoS) for stockpiles classified as non-liquefiable is not addressed by CDA (2019). However, CDA (2019) indicates that if the tailings are non-liquefiable and cannot flow, the facility can be considered a waste disposal area similar to an overburden disposal area. Design guidelines exist for dumps and overburden disposal areas, which would be applicable in this case.

Based on this guidance by CDA (2019), the FoS values were determined according to the Quebec Regulations (MRNF, 2024) for dump and overburden stockpiles. Notably, the guidelines from MNRF (2024) are similar to those suggested by BCMWRPRC (1991a) and Hawley and Cunning (2017). The minimum required FoS for tailings stockpiles is presented in **Table 11-2**.The rationale for selecting the loading conditions is explained in the following subsections.

Table 11-2 Minimum Factors of Safety for tailings stockpile (MRNF, 2024; BCMWRPRC, 1991a and Hawley and Cunning, 2017)

Condition	Minimum Factors of Safety (MRNF, 2024)	
Consequence Classification (CDA, 2019)	**Low to Significant**	**High to Extreme**
Local Stability (each bench)		
Static (Undrained Condition)	1.0	1.1
Static (Drained Condition)	1.2	
Global stability (entire stockpile)		
Static (Undrained condition)	1.3	1.5
Long-term static	1.5	
Pseudo-static	1.1	1.3

11.5.1.2.1 Drained

The drained loading condition reflects long-term stability and employs effective stress shear strengths for all materials in the slope stability model. A minimum targeted factor of safety (FOS) of 1.5 has been adopted for the long-term static conditions.

11.5.1.2.2 Undrained

The tailings materials analyzed in the laboratory are coarse-grained (AtkinsRéalis, 2025b), meaning they can be classified as free-draining. Consequently, undrained loading conditions have not been considered for the tailings. It is assumed that all organic materials, topsoil, and clay susceptible to pore water pressure generation from rapid loading will be removed from the stockpile footprint. As a result, undrained loading conditions have not been considered for the foundation as well.

11.5.1.3 Seismicity

This study did not include post-earthquake analyses, which usually evaluate the residual shear strengths of foundational materials that may have liquefied. This decision was made based on borehole investigations indicating that the foundation materials are not expected to experience liquefaction. Moreover, the tailings will be compacted to 95% of the standard Proctor maximum dry density, making them non-liquefiable. As a result, residual strength has not been included in this study. CDA (2019) also clarifies that a tailings facility without ponded water, such as a dry stack, can be designed based on the guidelines for dumps and overburden stockpiles, provided that the dry stack materials are non-liquefiable and cannot flow. Therefore, no post-earthquake analysis was conducted for the tailings stockpile.

Instead, a Pseudo-static analysis was performed to assess dynamic stability. Pseudo-static analysis was performed to assess the dynamic stability of the tailings stockpiles. Any dry stack designed according to GISTM should meet design criteria corresponding to the extreme consequence classification for post-closure conditions. The site is classified as Class D, with a horizontal seismic acceleration coefficient (kh) of 0.1g (50% of the PGA for a 1in 10,000-year event (Externe) extrapolated from NBCC (2020)) used in the pseudo-static analysis. However, a site-specific seismic hazard assessment is recommended in the next study phase. Moreover, during the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction.

11.5.1.4 Materials Properties

Table 11-3 provides a summary of the material parameters and materials model used for this study. Tailings intended for surface disposal consist of a mixture that includes Primary Coarse DMS floats and degrit, Secondary Coarse DMS degrit, Fine DMS floats and degrit, Ultrafine DMS floats and degrit, Recrushed DMS floats, DMS Mags, and Belt Filter Cake. The laboratory analysis determined a standard Proctor maximum dry density of 1,958 kg/m³ and an optimum moisture content of 11.7% (Ww/Ws). Consequently, a unit weight of 95% of the standard Proctor density (1,860 kg/m³ or 18.2 kN/m³) has been adopted in the model. An effective friction angle of 42° has been estimated from the CIU tests (performed according to ASTM D4767) for drained loading conditions. For details, please refer to AtkinsRéalis (2025b). However, it is essential to note that this test was conducted in a controlled laboratory environment, which may not be replicated in the field. Therefore, as a conservative approach, a friction angle of 37° has been used in the stability model analysis.

The double-textured LLDPE geomembrane was modelled as drained, with an effective friction angle of 30.1 degrees and a unit weight of 9 kN/m³. At the same time, the nonwoven geotextile was also modelled, assigning a unit weight of 1 kN/m³ for each loading condition. These model parameters were adopted from the AtkinsRéalis database and based on specifications from various vendors.

The material density and strength parameters of the foundation were based on the study by BBA (BBA, 2024). Based on AtkinsRéalis' interpretations, the foundation beneath the footprints of stockpiles 001 and 002 consists of organic material, followed by a soil unit classified as SILT/Sandy SILT/SILT with Gravel (ML). Below the ML layer, a Silty SAND/Silty SAND with Gravel unit (SM) was identified. Underneath this SM layer is a Silty GRAVEL with Sand/GRAVEL with Silt and Sand unit (GM), followed by a Gravel unit (including cobbles) (GW), which is situated above the bedrock. AtkinsRéalis interpreted the 'N-values' obtained from BBA's Standard Penetration Test (SPT) to provide recommendations on the material properties of the classified soil units. The estimated friction angles of 31º, 34º, 38º, and 39º, along with unit weights of 18.5, 19.0, 20.0, and 20.5 kN/m³, were derived from the analysis of the SPT 'N-values' for ML, SM, GM, and GW, respectively, and were used in the model.

Table 11-3 Material Geotechnical Parameters for the Tailings Stockpile

Description	γ (kN/m³)	C' (kPa)	Φ' (˚)	Slope Stability material Model
Organics	14	0	18	Mohr-Coulomb
ML - Silt/Sandy Silt/Silt with Gravel	18.5	0	31	Mohr-Coulomb
SM - Silty Sand/Silty Sand with Gravel	19.0	0	34	Mohr-Coulomb
GM - Silty Gravel with Sand/Gravel with Silt and Sand	20.0	0	38	Mohr-Coulomb
GW - Gravel	20.5	0	39	Mohr-Coulomb
Tailings	18	0	37	Mohr-Coulomb
Waste Rock	20	0	38	Mohr-Coulomb
1.5 mm double textured LLDPE geomembrane (base layer)	9	3.15	30.1	Mohr-Coulomb
Non-woven Geotextile (base layer)	1	3.15	30.1	Mohr-Coulomb
1.5 mm HDPE geomembrane (Cover)	9	0.65	17.8	Mohr-Coulomb
Geonet (Cover)	9	0.65	17.8	Mohr-Coulomb
Protective Layer of Geomembrane/Geotextile	19	0	34	Mohr-Coulomb
Bedrock	Impenetrable			

11.5.1.5 Phreatic Surface Assumption

The model has assigned a conservative phreatic surface based on a steady-state model where the water table lowers to the level of the peripheral drains below the natural terrain.

11.5.1.6 Stability Analysis Results

The summary results of the slope stability analysis are presented in **Table 11-4**. The detailed results are presented in **Appendix D**, AtkinsRéalis report CASN-A-370-GT-REP-0002 from Figure S9-S20. The evaluation focused on drained and pseudo-static loading conditions for the critical section (section B1 in drawing no CASN-A-370-GT-DWG-0002) of the tailings stockpile. Undrained loading conditions were not analyzed under the assumption that water could quickly drain from the soil. Both global and local failures were considered in the study, with a particular focus on the critical failure surface at the interfaces between the geomembrane and geotextile materials. It was found that the interface between the double-textured LLDPE (linear low-density polyethylene) geomembrane and the nonwoven geotextile was not a critical failure surface. The analysis evaluated both circular and non-circular failure mechanisms, with the non-circular failure mechanism identified as the predominant mechanism, resulting in the lowest factor of safety (FoS). As a result, the findings presented in this memo are based on non-circular failure. Both the operational phase and the closure phase were evaluated; however, the results did not differ between the two phases.

The lowest FoS occurs under pseudo-static conditions (FoS = 1.60), due to dynamic loading conditions. As shown in **Table 11-3**, the proposed configurations and optimizations demonstrate that the FoS for tailings stockpiles meets the minimum requirements established by the Quebec Regulations (MRNF, 2024) across all loading scenarios, including both global and local failure.

Table 11-4 Factors of Safety for Slope Stability for the Tailings Stockpile

Phase	Section	Loading Conditions	Minimum requirement of FoS[1]	FoS	References[3]	Failure Type[2]
Operational	B1-B1	Static (Drained)	1.5	2.13	Figure-S9	Global
Operational	B1-B1	Pseudo-static	1.3	1.60	Figure-S10	Global
Closure	B1-B1	Static (Drained)	1.5	2.13	Figure-S11	Global
Closure	B1-B1	Pseudo-static	1.3	1.60	Figure-S12	Global
Operational	B1-B1	Static (Drained)	1.2	2.36	Figure-S13	Local (Bench 1)
Operational	B1-B1	Static (Drained)	1.2	2.28	Figure-S14	Local (Bench 2)
Operational	B1-B1	Static (Drained)	1.2	2.28	Figure-S15	Local (Bench 3)
Operational	B1-B1	Static (Drained)	1.2	1.84	Figure-S16	Local (Bench 4)
Closure	B1-B1	Static (Drained)	1.2	2.33	Figure-S17	Local (Bench 1)
Closure	B1-B1	Static (Drained)	1.2	2.36	Figure-S18	Local (Bench 2)
Closure	B1-B1	Static (Drained)	1.2	2.29	Figure-S19	Local (Bench 3)
Closure	B1-B1	Static (Drained)	1.2	1.90	Figure-S20	Local (Bench 4)

[1]MRNF, 2024; BCMWRPRC, 1991a and Hawley and Cunning, 2017

[2]The first bench is the upper one, with subsequent benches arranged chronologically down towards the ground surface.

[3] Stability Analysis Results (Figures) are presented in **Appendix D**

12. Waste Rock and Overburden Storage

Among all sub-products of mining operation, waste rock and overburden materials will be generated over the life of mine. Two waste rock stockpiles, two overburden piles, and two organics piles have been conceptualized. Stockpile and pile construction will be continuous over the LoM. Material stored in the overburden piles and organics piles will be utilized during the closure phase.

The anticipated material production in over the 22-year LoM is evaluated as follows:

- Waste rock: 155.2 Mt;
  - Non-leaching (Low Risk) waste rock: 74.2 Mt;
  - PAG/ML waste rock: 81.0 Mt.
- Overburden: 14.0 Mt;
- Organics: 3.2 Mt.

A portion of the non-leaching waste rock will be stored in Stockpile 001 (45.2 Mt), the remainder will be dumped in the open pit (29.0 Mt). All of the PAG/ML waste rock produced will be stored in Stockpile 002 and all the overburden and organics will be stored in their respective piles.

12.1 General Design Considerations

The principal references for the design of waste rock and overburden management facilities are:

- Technical note – Environmental, social, and hydrological surveys (NIIGAAN, 2022);
- Geochemical characterization of tailings and waste rock (Vision, 2025);
- GMining Mine Plan, “CASN-Final_Mining_Mass_Balance”;
- Available baseline data such as environmental constraints, sensitive and unique ecosystems, surface water bodies, property limits, Mineral Resources, and mining claims. This information was integrated into a geographic information system;
- Area LiDAR provided by Patriot and extracted from government websites.

12.2 Waste Rock and Overburden Production and Characteristics

The design for waste rock and overburden is based on the following:

- Overburden and waste rock extracted from the different mining phases are considered dried material; therefore; materials will have the time to drain between excavation and placement at the stockpile. Mining equipment will transport material from the pit to the final disposal area;
- Stockpiles will be built in ascending lifts and adequate bench heights and widths will be maintained to achieve the overall design slope;
- Runoff from the Low Risk waste rock in Stockpile 001 is to be managed with perimeter ditches (Ditch 01-01, Ditch 01-02, Ditch 01A-01 and Ditch 01A-2) and Collection Pond 01 and Pond 01A. Water collected in Pond 01 and Pond 01A will be pumped to the Sedimentation Ponds at the Industrial Area for TSS management prior to discharge to the environment or re-use in the process plant;
- Runoff from the PAG waste rock within Stockpile 002 will be managed with lined ditches (Ditch 02-02 and Ditch 03-01) and Collection Ponds 02 and 03 which are both lined. This water will be pumped to Industrial Area for treatment prior to discharge to the environment or re-use in the process plant;
- Runoff from the overburden stockpiles will be managed with a series of catchment paddocks located at the toe of the stockpile;
- Closure of the Low-Risk waste rock surfaces in Stockpile 001 will require the external slopes to be dozed down to a slope of 3H:1V, placement of a layer of overburden and topsoil and hydroseeding;
- Closure of the PAG waste rock surfaces in Stockpile 002 will require the external slopes to be dozed down to a slope of 3H:1V, placement of a cushion layer, installation of a geomembrane liner, covering the geomembrane with a layer of overburden and topsoil and hydroseeding;
- Material stored in Overburden Piles 004 and 005 and the Organics Piles will be utilized during the closure phase as clean fill/cover material;
- Material stored in the Organics Piles will be utilized during the closure phase;
- Material Production and Characteristics: The mining plan indicates a ramp-up period from Year 1 to Year 2, a decrease in Year 3 and Year 4 and then another ramp-up period in Year 5, following which it remains relatively stable till Year 10 when production starts to decrease until Year 19. Overburden is expected only at early stages of the Project, with a peak of 3.9 Mt in Year -1 and Year 1; the total expected tonnage is about 14.0 Mt;

The volumetric analysis of the waste rock and overburden facilities is based on the following:

- The waste rock stockpiles will have a global external slope of 3.25H:1V;
- The grain size distribution for the waste rock is expected to be 0-1,000 mm. The material is considered self-draining with no relevant moisture content;
- The estimated in-place dry density is 2.0 t/m³. The resulting required storage capacity is therefore 77.2 Mm³;

- Waste rock will be stored in both Stockpile 001 and Stockpile 002, with Low-Risk waste rock stockpiled in Stockpile 001 and PAG waste rock stockpiled in Stockpile 002;
- Low Risk waste rock will be stored in the Open Pit once the capacity of Stockpile 001 has been reached in Year 9;
- For the Overburden Piles, the estimated in-situ dry density is 1.75 t/m³. The resulting required capacity is 8.01 Mm³, and
- For the Organics Pile, the estimated in-situ dry density is 1.43 t/m^3. The resulting required capacity is 2.2 Mm^3.

Table 12-1 presents the yearly production to be stored in the stockpiles and overburden piles as well as the cumulative produced tonnes and deposition location for waste rock and overburden.

Table 12-1 Waste Rock and Overburden Production and Storage Areas

Year	Yearly Low-Risk Waste Rock Pro-duction (Mt)	Cumulative Waste Low-Risk Rock to Stockpile 001 (Mt)	Cumulative Waste Low-Risk Rock to Open Pit (Mt)	Yearly PAG Waste Rock Production (Mt)	Cumulative PAG Waste Rock, to Stockpile 002 (Mt)	Yearly Overburden Production (Mt)	Cumulative Overburden to Pile 004 (Mt)	Cumulative Overburden to Pile 005 (Mt)	Yearly Organics Production (Mt)	Cumulative Organics to Pile (Mt)
Y-2				0.10	0.10	0.89	0.89			
Y-1	0.77	0.77		1.59	1.69	3.92	4.81			
Y1	1.76	2.53	-	3.83	5.52	3.91	7.00	1.72	0.89	0.89
Y2	6.27	8.79	-	7.08	12.60	0.89		2.61	0.89	1.77
Y3	4.63	13.42	-	5.00	17.60	1.04		3.65	1.39	3.16
Y4	4.37	17.80	-	3.83	21.43	1.07		4.72	-	-
Y5	9.03	26.82	-	7.15	28.60	2.08	-	6.80	-	-
Y6	10.88	37.71	-	8.33	36.91	0.23	-	7.03	-	-
Y7	7.48	45.18	-	6.37	43.27		-		-	-
Y8	8.21		8.21-	7.24	50.52		-		-	-
Y9	5.76		13.97	9.59	60.11		-		-	-
Y10	4.35		18.32	8.20	68.32	-	-	-	-	-
Y11	2.40	-	20.72	4.08	72.40	-	-	-	-	-
Y12	3.42	-	24.14	4.66	77.06	-	-	-	-	-
Y13	1.83	-	25.97	1.37	78.43	-	-	-	-	-
Y14	1.65	-	27.62	1.21	79.65	-	-	-	-	-
Y15	1.03	-	28.65	0.55	80.20	-	-	-	-	-
Y16	0.3	-	28.95	0.49	80.69	-	-	-	-	-
Y17	0.03	-	28.98	0.23	80.92	-	-	-	-	-
Y18		-		0.06	80.98	-	-	-	-	-
Y19		-		0.03	81.01	-	-	-	-	-
Y20		-				-	-	-	-	-
Y21		-	-			-	-	-	-	-
Y22	-	-	-			-	-	-	-	-
Y23	-	-	-			-	-	-	-	-
Total	**74.17**	**45.18**	**28.98**	**81.01**	**81.01**	**14.03**	**7.00**	**7.03**	**3.16**	**3.16**

12.3 Site Description for Waste Rock and Overburden Storage

Stockpile 001 is located northwest of the plant site and will be used exclusively for Low-Risk waste rock disposal. Stockpile 002 is located northeast of the plant and will be used for PAG waste rock and tailings storage. The total footprint area for Stockpile 001 is 80 ha. The total footprint of Stockpile 002 is 218 ha. The portion of Stockpile 002 for PAG waste rock storage is 126 ha (58%). The stockpile footprints have been offset a minimum of 60 m from natural streams, lakes, or inferred fish habitats. The site topography for Stockpile 001 varies from elevation 374 m asl to elevation 400 m asl. The site topography for Stockpile 002 varies from elevation 386 m asl to elevation 444 m asl. The topography of both stockpiles allows for runoff drainage by gravity to perimeter ditches.

Condemnation drilling has been completed within the Stockpile 001 and 002 footprints. A geotechnical site investigation and factual report were completed for both stockpiles (BBA 2024) which included 19 boreholes, sampling and laboratory testing. The soil conditions encountered in the Stockpile 001 and Stockpile 002 footprints are variable and are summarized in the soil conditions encountered in the Stockpile 002 footprint are described in **Section 11.3** above.

Overburden stockpiles identified in the general layout are as follows:

- Overburden Pile 004: Area located southwest of the Pit boundary – Years -1 to 4;
- Overburden Pile 005: Area located southeast of the Pit-Phase-2 boundary – Years 5 to 8; and
- Organics Pile: Area located south of Stockpile 001 and north of the Industrial Area – Years 1 to 3.

12.4 Waste Rock Stockpiles, Overburden Piles and Related Infrastructure

The footprint of Stockpile 001 is 80 ha, and the maximum height is about 95 m. The PAG rock portion of Stockpile 002 is approximately 126 ha (58%) with a maximum height of about 120 m. The footprints for both stockpiles will require tree clearing and removal of topsoil/organics. The stripped topsoil/organics will be stockpiled in the Organics Pile for use in closure. Overburden material within the footprint found to be loose/saturated will also be removed, following inspection by a geotechnical engineer, and stockpiled in Overburden Piles 004/005. The basin of the PAG/ML rock portion of Stockpile 002 will be lined with a 1.5 mm double-textured LLDPE geomembrane. Preparation for the geomembrane installation will include backfilling any low points, proof rolling of the surface and provision of a sand cushion layer in locations where the geomembrane can be damaged by the foundation, e.g. waste rock outcrops. A cushion geotextile will be provided on top of the geomembrane and a cushion layer of 1 m thick will be provided on top of the geotextile prior to the placement of waste rock. The cushion layer for the initial footprint development will consist of overburden stripped from the pit development or sourced from local borrow pits. Once the process plant is operational and tailings are produced, the tailings can be used as a cushion layer for the remainder of the footprint (see Detail 1 on drawing CASN-A-370-GT-DWG-004).

The waste rock will be placed in 10 m high lifts with local slopes of about 1.5H:1V. A 15 m wide step-in is provided for each bench. Every third bench will have a step-in of 22.5 m. The benches will be dozed down to provide a local slope of 3H:1V at closure. The wider bench will be maintained, in part, when the intermediate benches are flattened. This is to facilitate the management of water at closure. This geometry provides a global external slope of 3.25H:1V (see drawings CASN-A-370-GT-DWG-003 and CASN-A-370-GT-DWG-004)

Water management for both stockpiles is achieved by enclosing the stockpile footprints with perimeter ditches and directing the water into water retention ponds. Excess water is pumped from the retention ponds to either the Sedimentation Ponds or the Treatment Plant at the Industrial Area for treatment prior to discharge to the environment or re-use in the plant. Access roads are provided next to and parallel to the drainage ditches. The water pumping lines are shown in drawing CASN-A-001-GE-DWG-0001-C. The water treatment is described in **Section 18.3**. A layout of the water management infrastructure for Stockpile 001 and for Stockpile 002 are shown in Drawing 001-GE-DWG-001. More detailed descriptions of water management infrastructures are provided in **Section 5.3**.

Overburden will be stored in four separate areas (see drawings CASN-A-370-GT-DWG-001 and CASN-A-370-GT-DWG-005):

- Overburden Pile 004 located south of the pit has a 23 ha footprint. Preparation of this area should start at early works. The related water management consists of a series of catchment paddocks located around the stockpile perimeter. The catchment paddocks will be constructed with Low-Risk rock fill. The paddocks will temporarily store runoff, allow for sediments to settle and then seep to the environment or evaporate.
- Overburden Pile 005 is located to the southeast of the West Pit and has a 27 ha of footprint; preparation of this area should be before the development of the East Pit. As for Pile 004, the related water management consists of a series of catchment paddocks located around the stockpile perimeter. These paddocks will temporarily store runoff, allow for sediments to settle and then seep to the environment or evaporate.
- Two Organics Piles are located south of Stockpile 001 and north of the Industrial Area. They have footprints of approximately 11 ha. Preparation of this area should start at early works. Related water management consists of a series of catchment paddocks located around the stockpile perimeter. These paddocks will temporarily store runoff, allow for sediments to settle and then seep to the environment or evaporate.

12.5 Stability Analyses of Waste Rock Stockpiles

As seen on drawing no CASN-A-001-GO-DWG-0001, Stockpile 001, located northwest of the plant site, will be exclusively dedicated to storing non-acid-generating waste rock (NAG) due to its proximity to the open pit. In contrast, Stockpile 002, situated northeast of the plant, is designated for potentially acid-generating waste rock (PAG) and tailings storage. Stability analyses have been conducted for both proposed Stockpiles 001 and 002.

Slope stability analyses were conducted using SLOPE/W Version 2023.1.2, a two-dimensional limit equilibrium software developed by Geo-Slope International Limited. The Morgenstern-Price method was utilized to identify potential failure surfaces within the slopes of the stockpiles and their underlying foundations. The primary objective of these analyses was to determine the most critical failure surfaces that would produce the most conservative Factor of Safety (FoS). The FoS is the ratio of the average available shear strength (resisting force) to the average mobilized shear stress (driving force) along a specific failure surface.

The following subsections summarize the details of these stability analyses, including their results.

12.5.1 Stockpile 001 Stability Assessment

Slope stability analyses were conducted on one (1) critical section for the Non-Acid Generating Stockpile (NAG) (Section A1 for Stockpile 001) as shown in drawings CASN-A-370-GT-DWG-0001 (layout) and CASN-A-370-GT-DWG-0003 (sectional view), where the stack reaches its maximum height and has the steepest slope.
The following subsections provide details on the stockpile geometry, material properties, loading scenarios, and phreatic surface used in the model, along with a discussion of the stability analysis results.

12.5.1.1 Model Geometry of Stockpile 001

Stockpile 001 has a footprint of 80 hectares (ha) and a maximum height of about 90 meters (m). Two configurations have been designed for Stockpile 001 for both operational and closure stages. The foundation profile has been incorporated into the model geometry based on the information on the available boreholes.

A detailed description of the geometric models for Stockpile 001 is provided in the following subsections.

12.5.1.1.1 Operational Phase

The critical section (section A1) of the geometry for the operational phases of Stockpile 001 is shown in drawing number CASN-A-370-GT-DWG-0003. During the operational phase, the waste rock stockpiles are designed in 10-meter-high lifts, with local slopes of approximately 1.5 horizontal (H) to 1 vertical (V). Each bench is 15 meters wide, and every third bench is 22.5 meters wide. This design achieves an overall external slope of 3.25 horizontal (H) to 1 vertical (V).

12.5.1.1.2 Closure

The critical section (Section A1) of the geometry for the closure phases of Stockpile 001 is shown in Drawing Number CASN-A-370-GT-DWG-0003. During the closure Phase, the benches are designed with a local slope of 3:1 (horizontal to vertical) to promote effective water management. Each bench is 7.5 meters wide.

For Stockpile 001, the closure design consists of a 30 cm-thick layer of crushed stone, topped with a 20 cm layer of topsoil to support hydroseeding.

12.5.1.2 Loading Scenarios and Minimum FoS

The FoS values were determined in accordance with the Quebec Regulations (MRNF, 2024) for dump and overburden stockpiles. Notably, the guidelines from MNRF (2024) are similar to those suggested by BCMWRPRC (1991a) and Hawley and Cunning (2017). The minimum required FoS for waste rock stockpiles is presented in **Table 12-2**.The rationale for selecting the loading conditions is explained in the following subsections.

Table 12-2 Minimum Factors of Safety for Stockpile 001 and Stockpile 002 (MRNF, 2024; BCMWRPRC, 1991a and Hawley and Cunning, 2017)

Condition	Minimum Factors of Safety (MRNF, 2024)	
Consequence Classification (CDA, 2019)	**Low to Significant**	**High to Extreme**
Local Stability (each bench)		
Static (Undrained Condition)	1.0	1.1
Static (Drained Condition)	1.2	
Global stability (entire stockpile)		
Static (Undrained condition)	1.3	1.5
Long-term static	1.5	
Pseudo-static	1.1	1.3

12.5.1.2.1 Drained

The drained loading condition reflects long-term stability and employs effective stress shear strengths for all materials in the slope stability model. A minimum targeted factor of safety (FOS) of 1.5 has been adopted for the long-term static conditions.

12.5.1.2.2 Undrained

Undrained loading is typically characterized by rapid, short-term loading. Undrained loading can lead to positive excess pore pressures, unlike drained loading conditions, particularly in contractive soils. The minimum target Factor of Safety (FOS) for undrained limit equilibrium stability analyses is 1.3 for low to significant risk and 1.5 for high to extreme risk. However, waste rock stockpiles are free-draining. It is assumed that all organic materials, topsoil, and clay susceptible to pore water pressure generation from rapid loading will be removed from the stockpile footprint. As a result, undrained loading conditions have not been considered in this study.

12.5.1.3 Seismicity

This study did not include post-earthquake analyses, which usually evaluate the residual shear strengths of foundational materials that may have liquefied. This decision was made based on borehole investigations indicating that the foundation materials are not expected to experience liquefaction. However, during the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction.

Pseudo-static analysis was performed to assess the dynamic stability of the stockpile 001. The site is classified as Class D, with a horizontal seismic acceleration coefficient (kh) of 0.1g (50% of the PGA for a 1in 10,000-year event (Externe) extrapolated from NBCC (2020)) used in the pseudo-static analysis. This is higher than the requirements for the waste rock facilities, yet it has been chosen as a conservative approach and maintains consistency with stockpile 002. However, a site-specific seismic hazard assessment is recommended in the next study phase.

12.5.1.4 Materials Properties

The material density and strength parameters used in the stability analyses were derived by AtkinsRéalis, based on geotechnical investigations conducted by BBA (BBA, 2024). When data from field or laboratory tests were unavailable, assumptions were made based on AtkinsRéalis' s experience with similar materials. **Table 12-3** summarizes the material parameters and models utilized in this study. A detailed description of the properties of these materials is provided in the following subsections.

Table 12-3 Material Geotechnical Parameters – Stockpile 001 and 002

Description	γ (kN/m^3)	C' (kPa)	Φ' (˚)	Slope Stability Material Model
Organics/top soil	14	0	18	Mohr-Coulomb
ML - Silt/Sandy Silt/Silt with Gravel	18.5	0	31	Mohr-Coulomb
SM - Silty Sand/Silty Sand with Gravel	19.0	0	34	Mohr-Coulomb
GM - Silty Gravel with Sand/Gravel with Silt and Sand	20.0	0	38	Mohr-Coulomb
GW - Gravel	20.5	0	39	Mohr-Coulomb
Tailings	18	0	37	Mohr-Coulomb
Waste Rock	20	0	38	Mohr-Coulomb
1.5 mm double-textured LLDPE geomembrane (base layer)	9	3.15	30.1	Mohr-Coulomb
Non-woven Geotextile (base layer)	1	3.15	30.1	Mohr-Coulomb
1.5 mm HDPE geomembrane (Cover)	9	0.65	17.8	Mohr-Coulomb
Geonet (Cover)	9	0.65	17.8	Mohr-Coulomb
Protective Layer of Geomembrane/Geotextile	19	0	34	Mohr-Coulomb
Crushed stone (at closure)	19	0	38	Mohr-Coulomb
Bedrock	Impenetrable			

12.5.1.4.1 Foundation

BBA Engineering Ltd. (BBA) conducted a geotechnical investigation to assess the subsurface conditions at the proposed stockpile locations (BBA, 2024). BBA (2024) completed a total of sixty-one (61) boreholes for field tests (SPT tests) and laboratory analysis across the entire site. Among these boreholes, eleven (11) are located in stockpile 001, and eight (8) are situated in stockpile 002. The purpose of these boreholes is to determine the stratigraphy and assess the properties of the foundation soil. The selected soil samples were analyzed at the Englobe laboratory in Montreal, where tests were conducted to evaluate particle size distribution, water content, specific gravity, and uniaxial compressive strength (UCS). Additionally, assessments of elastic modulus and Poisson's ratio were performed. AtkinsRéalis analyzed the borehole logs created by BBA, along with laboratory test data from this investigation, to develop soil profiles for the site according to the Unified Soil Classification System (USCS) and ASTM D2487-17 standards (AtkinsRéalis, 2025a). AtkinsRéalis interpreted the 'N-values' obtained from BBA's Standard Penetration Test (SPT) to provide recommendations on the material properties of the classified soil units.

Based on AtkinsRéalis' interpretations, the foundation beneath the footprints of stockpiles 001 and 002 consists of organic material, followed by a soil unit classified as SILT/Sandy SILT/SILT with Gravel (ML). Below the ML layer, a Silty SAND/Silty SAND with Gravel unit (SM) was identified. Underneath this SM layer is a Silty GRAVEL with Sand/GRAVEL with Silt and Sand unit (GM), followed by a Gravel unit (including cobbles) (GW), which is situated above the bedrock. The estimated friction angles of 31º, 34º, 38º, and 39º, along with unit weights of 18.5, 19.0, 20.0, and 20.5 kN/m³, were derived from the analysis of the SPT 'N-values' for ML, SM, GM, and GW, respectively, and were used in the model.

12.5.1.4.2 Wasterock

There is no laboratory data available for the waste rock. An effective friction angle of 38° and a unit weight of 20 kN/m³ have been assigned to the model based on AtkinsRéalis' prior experience with similar materials, taking a conservative approach.

12.5.1.4.3 Bedrock

The Slope failure surfaces are assumed not to pass through the bedrock. Therefore, bedrock is modelled as impenetrable and no model parameter was assigned.

12.5.1.5 Phreatic Surface Assumption

The model has assigned a conservative phreatic surface based on a steady-state model where the water table lowers to the level of the peripheral drains below the natural terrain.

12.5.1.6 Stability Analysis Results for Stockpile 001

The summary results of the slope stability analysis for stockpile 001 are presented in **Table 12-4**. The detailed results are presented in **Appendix D**, AtkinsRéalis report CASN-A-370-GT-REP-0002 figures S21 to S36. Drained and pseudo-static loading conditions were evaluated for stockpile 001. Undrained loading conditions were not assessed because it was assumed that water could quickly drain from the soil. Both global and local failures were investigated. Both circular and non-circular failure mechanisms were evaluated. The predominant failure mechanism, which resulted in the lowest FoS, was identified as non-circular. Consequently, the results presented in this memo are based on non-circular failure.

There is a slight geometry difference between the project's operational and closure phases. For example, the number of benches in waste rock Stockpile 001 is higher during the operational phase than in the closure phase. While this difference may have a minor impact on the factor of safety (FoS), it is not significant. Overall, the FoS during the operational phase is slightly higher than during the closure phase.

There are slight variations in the FoS among local failures across different benches, attributed to the varying orientation of entry-exit lines and the positioning of the benches. Generally, benches at higher elevations exhibit a higher FoS than those at lower elevations.

As shown in **Table 12-4**, the proposed configurations and optimizations demonstrate that the FoS for Stockpile 001 meets the minimum requirements established by the Quebec Regulations (MRNF, 2024) across all loading scenarios, including both global and local failure.

Table 12-4 Factor of Safety of the Slope Stability Analysis of Stockpile 001

Stockpile	Phase	Section	Loading Conditions	Minimum requirement of FoS	FoS1	Reference4	Failure Type
001	Operational	A1-A1	Static (Drained)	1.5	2.53	Figure-S21	Global
001	Operational	A1-A1	Pseudo-static	1.3	1.91	Figure-S22	Global
001	Closure	A1-A1	Static (Drained)	1.5	2.41	Figure-S23	Global
001	Closure	A1-A1	Pseudo-static	1.3	1.84	Figure-S24	Global
001	Operational	A1-A1	Static (Drained)	1.2	1.80	Figure-S25	Local (Bench 1)
001	Operational	A1-A1	Static (Drained)	1.2	1.30	Figure-S26	Local (Bench 2)
001	Operational	A1-A1	Static (Drained)	1.2	1.22	Figure-S27	Local (Bench 3)
001	Operational	A1-A1	Static (Drained)	1.2	1.27	Figure-S28	Local (Bench 4)
001	Operational	A1-A1	Static (Drained)	1.2	1.26	Figure-S29	Local (Bench 5)
001	Operational	A1-A1	Static (Drained)	1.2	1.25	Figure-S30	Local (Bench 6)
001	Operational	A1-A1	Static (Drained)	1.2	1.25	Figure-S31	Local (Bench 7)
001	*Operational*	*A1-A1*	*Static (Drained)*	*1.2*	*1.38*	*Figure-S32*	*Local (Bench 8)*
001	Operational	A1-A1	Static (Drained)	1.2	1.24	Figure-S33	Local (Bench 9)
001	Closure	A1-A1	Static (Drained)	1.2	2.41	Figure-S34	Local (Bench 1)
001	Closure	A1-A1	Static (Drained)	1.2	2.33	Figure-S35	Local (Bench 2)
001	Closure	A1-A1	Static (Drained)	1.2	2.21	Figure-S36	Local (Bench 3)

12.5.2 Stockpile 002 Waste Rock Slope Stability

Stability analysis has been performed for the PAG/ML waste rock within Stockpile 002 for the critical section (section H1) (see drawings CASN-A-370-GT-DWG-0002 for the plan view and CASN-A-370-GT-DWG-0004 for the sectional view). In section H1, the stack reaches its maximum height and has the steepest slope.

The loading scenarios, minimum factor of safety (FoS), material properties (geotechnical), and phreatic surface assumptions for Stockpile 002 are identical to those of Stockpile 001 as described in Model Geometry of Waste Rock in Stockpile 002

Stockpile 002, which contains PAG/ML rock, covers approximately 126 ha (58% of the total Stockpile 002 footprint), with a maximum height of approximately 120 m. Two configurations have been designed for Stockpile 002, covering both operational and closure stages. The foundation profile has been incorporated into the model geometry based on the information on the available boreholes.

A detailed description of the geometric models for Stockpile 002 is provided in the following subsections.

[4] Stability Analysis Results (Figures) are presented in **Appendix D**

12.5.2.1.1 Operational Phase

The geometry of the critical section H1 for the operational phase of Stockpile 002 is shown in drawing no. CASN-A-370-GT-DWG-0004. During the operational phase, the waste rock stockpiles are designed in 10-meter-high lifts, with local slopes of approximately 1.5 horizontal (H) to 1 vertical (V). Each bench is 15 meters wide, and every third bench is 22.5 meters wide. This design achieves an overall external slope of 3.25 horizontal (H) to 1 vertical (V).

Stockpile 002's basin is lined with a 1.5 mm double-textured LLDPE geomembrane. A cushion geotextile is placed on top of this geomembrane, followed by a protective cushion layer that is 1 meter thick.

12.5.2.1.2 Closure

The geometry of the critical section H1 for the closure phase of Stockpile 002 is shown in drawing no. CASN-A-370-GT-DWG-0004. During the closure phase, the benches are designed with a local slope of 3:1 (horizontal to vertical) to promote effective water management. Each bench is 7.5 meters wide.

The closure model for Stockpile 002 (PAG/ML) consists of a 30 cm thick layer of crushed stone on the slope, followed by a 15 cm thick sand liner (will be borrowed from overburden) to support the geomembrane. On top of this liner, a 1.5 mm double-textured HDPE geomembrane is incorporated. A geonet is then placed on top of the geomembrane, serving as a drainage layer. Additionally, a 20 cm thick layer of sand, borrowed from the overburden, is applied over the geonet, which is capped with a 20 cm layer of topsoil to facilitate hydroseeding (see drawing no. CASN-A-370-GT-DWG-0004). This design ensures accurate replication of the intended closure structure.

12.5.2.2 Stability Analysis Results of Waste Rock in Stockpile 002 (

The summary results of the slope stability analysis for the waste rock in Stockpile 002 at section H1 are presented in **Table 12-5**. For detailed results, please refer to **Appendix D** and more specifically figures S37 to S55. Both drained and pseudo-static loading conditions were evaluated for Stockpile 002; however, undrained loading conditions were not assessed because it was assumed that water could quickly drain from the soil. The analysis considered the critical failure surface at the interfaces between the geomembrane and geotextile materials. It was determined that the interface between the double-textured LLDPE geomembrane and the nonwoven geotextile was not a critical failure surface.

The analysis investigated both global and local failures, considering both circular and non-circular failure mechanisms. The predominant failure mechanism, which yielded the lowest Factor of Safety (FoS), was identified as non-circular. Therefore, the results presented in this report are based on non-circular failure.

Overall, the FoS for Stockpile 002 is lower than that of Stockpile 001. This difference is primarily due to Stockpile 002 having a greater height (120 m) compared to Stockpile 001 (90 m).

There are minor geometric differences between the operational and closure phases. For instance, the number of benches in waste rock Stockpile 001 is higher during the operational phase than in the closure phase. Nonetheless, the global FoS for these two phases is quite similar, despite the slight changes in geometry.

Slight variations in the FoS among local failures across different benches can be attributed to the varying orientation of entry-exit lines. However, no specific trend in the FoS is observed based on bench location.

As shown in **Table 12-5**, the proposed configurations and optimizations indicate that the FoS for Stockpile 002 meets the minimum requirements established by Quebec Regulations (MRNF, 2024) across all loading scenarios, including both global and local failures.

There are some uncertainties regarding the foundation's strength under the footprint of stockpiles 001 and 002. During the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction. The design should be adjusted accordingly based on these findings.

Table 12-5 Factor of Safety of the Slope Stability Analysis of PAG in Stockpile 002

Stockpile	Phase	Section	Loading Conditions	Minimum requirement of FoS	FoS	Reference[5]	Failure Type
002	Operational	H-H	Static (Drained)	1.5	2.31	Figure-S37	Global
002	Operational	H-H	Pseudo-static	1.3	1.76	Figure-S38	Global
002	Closure	H-H	Static (Drained)	1.5	2.32	Figure-S39	Global
002	Closure	H-H	Pseudo-static	1.3	1.75	Figure-S40	Global
002	Operational	H-H	Static (Drained)	1.2	1.63	Figure-S41	Local (Bench 1)
002	Operational	H-H	Static (Drained)	1.2	1.49	Figure-S42	Local (Bench 2)
002	Operational	H-H	Static (Drained)	1.2	1.31	Figure-S43	Local (Bench 3)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure-S44	Local (Bench 4)
002	Operational	H-H	Static (Drained)	1.2	1.36	Figure-S45	Local (Bench 5)
002	Operational	H-H	Static (Drained)	1.2	1.42	Figure-S46	Local (Bench 6)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure-S47	Local (Bench 7)
002	Operational	H-H	Static (Drained)	1.2	1.42	Figure-S48	Local (Bench 8)
002	Operational	H-H	Static (Drained)	1.2	1.46	Figure-S49	Local (Bench 9)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure-S50	Local (Bench 10)
002	Operational	H-H	Static (Drained)	1.2	1.35	Figure-S51	Local (Bench 11)
002	Closure	H-H	Static (Drained)	1.2	2.43	Figure-S52	Local (Bench 1)
002	Closure	H-H	Static (Drained)	1.2	2.37	Figure-S53	Local (Bench 2)
002	Closure	H-H	Static (Drained)	1.2	2.44	Figure-S54	Local (Bench 3)
002	Closure	H-H	Static (Drained)	1.2	2.21	Figure-S55	Local (Bench 4)

[5] Stability Analysis Results (Figures) are presented in **Appendix D**

13. Closure

The Project Closure Phase is designed to ensure a responsible transition from active operations to post-mining land use, in collaboration with First Nation communities and in compliance with Quebec's regulations from the Ministry of Natural Resources and Forests (MRNF) and the Ministry of the Environment, and the Fight Against Climate Change, Wildlife and Parks (MELCCFP). The main goals of closure and rehabilitation activities will be the following:

- Eliminate unacceptable health hazards and ensure public safety.
- Limit the production and spread of contaminants that may affect the receiving environment and, in the long term, aim to eliminate any form of maintenance and monitoring.
- Ensure long-term geotechnical and geochemical stability.
- Allow progressive restoration.
- Ensuring social acceptability.
- Return the site to a condition that is, as much as possible, in line with the initial or surrounding ecosystem and is visually acceptable.
- Return infrastructure areas to a state that is compatible with future use.

The site closure plan is being developed as per the provincial guide (guide de préparation du plan de réaménagement et de restauration des sites miniers au Québec (MRNF, 2024)).
For planning purposes, closure and reclamation strategies have been developed for each mine component. Following completion of mining, the mine will be closed, reclaimed, and monitored in accordance with its authorizations, regulations, and plans.

13.1 Closure Sequence

The closure sequence will be planned in three (3) stages, starting with:

- Progressive restoration works will be carried out during the mining operations in areas that are no longer active as a means of verifying the success of larger-scale efforts that will take place during the mine closure phase.
- Once operations are completed, the post-operation phase begins, which includes the dismantling of the industrial facilities and the execution of the closure works.
- Once closure works and water treatment infrastructures are dismantled, the post-closure site maintenance and monitoring will begin.

The infrastructures to be restored are presented in the next sections.

13.2 Industrial Zone Closure and Linear Infrastructure

All processing plants, power facilities, administrative buildings, and other industrial structures, infrastructures, and equipment will be dismantled and removed from the site for disposal at an authorized landfill. Materials generated during the dismantling process will be managed by applying the principles of reduction, reuse, recycling, and reclamation. Concrete slabs and foundations will be broken or cracked to facilitate drainage, then covered with 15 cm of topsoil-like material before being revegetated with hydroseeding. Access roads and former storage or laydown areas on the mine site will be scarified to restore drainage and support revegetation.

Note that the 20-km all-season access road from the Trans-Taiga Road is considered a multi-user road and will remain open for use by the public and Cree community members throughout operations and after mine closure.

The Matagami transshipment site will be owned and operated by the Town of Matagami, and therefore, closure of these facilities will be their prerogative and may remain in place for other users in the future. No cost has been included for closure.

Discussions with shareholders and local communities are ongoing to determine the future of the planned First Nations Cultural Center on site, as well as the electric power line. Patriot intends to transfer ownership to the community; therefore, the cost of dismantling the electrical line and cultural center is not included.

13.3 Mine infrastructure: Pit, Waste Rock, Tailings and Overburden Storage Facilities

Closure and reclamation strategies developed to date are the following: comparative analysis sessions for infrastructure closure scenarios (for pit, Stockpiles 001 and 002) were carried out as part of the preparation of the site closure plan to determine the best concepts for each of these infrastructures. Various closure concepts have been retained. The closure activities for each of these infrastructures are presented below:

13.3.1 Stockpile 001

Stockpile 001 will be composed of a portion of the "low-risk" waste rock (Vision geochemistry,2025), while the remaining low-risk waste rock will be stored in the open pit. The Stockpile 001 closure activities include the following:

- The Stockpile 001 surface would be reprofiled to allow efficient drainage towards the collection water ditches.
- A 30-cm layer of overburden would be placed on the waste rock after reprofiling to prevent topsoil from flowing through the waste rock voids.
- Addition of a 20-cm layer of topsoil on the granular material. Then, the surface of the Stockpile 001 would be vegetated to create a closed landscape and mitigate erosion

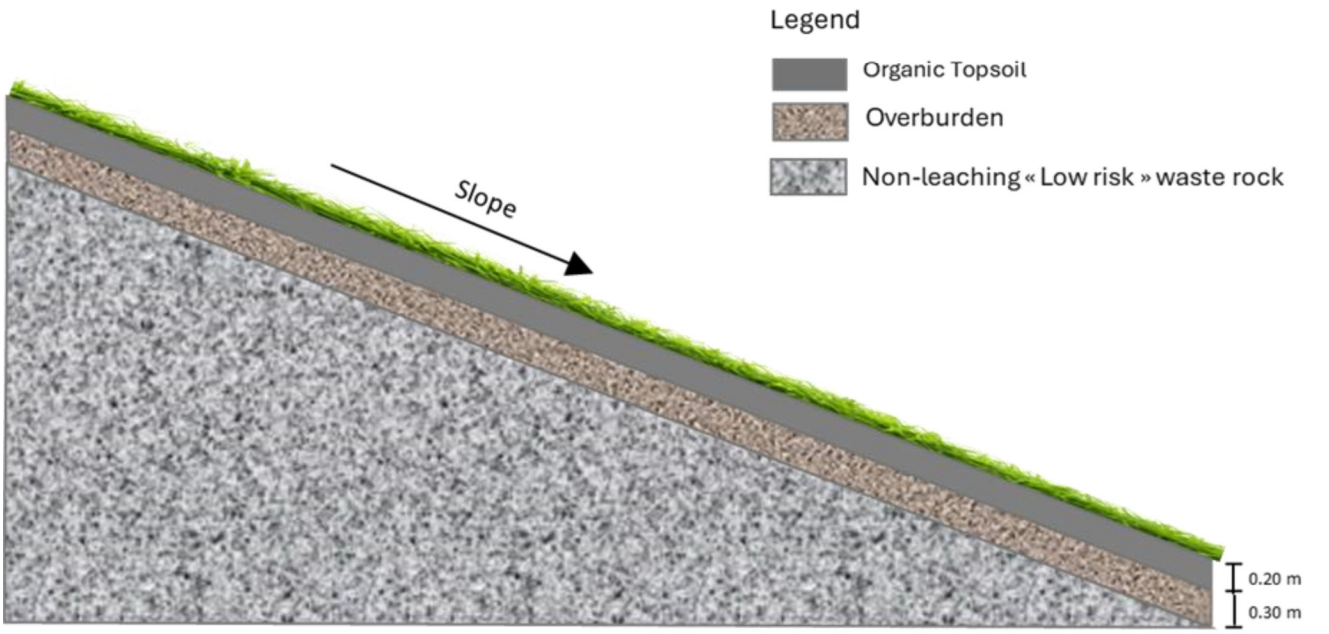


Figure 13-1 Stockpile 001 Closure Configuration

13.3.2 Stockpile 002

Stockpile 002 will receive all the potentially metal-leaching (ML), high-risk, or acid generating (PAG) waste rock and tailings. Due to the nature of the rocks to be stored in Stockpile 002, the closure concept selected for Stockpile 002 is a clay cover. This concept consists of the installation of a barrier to water infiltration on waste rock and tailings using natural materials. The role of this impermeable layer, made up of 1.5 m thick clay, is to limit water infiltration and oxygen diffusion to the underlying materials (PAG or PML waste rock) to avoid the generation of contaminants. Indeed, this layer, offering low hydraulic conductivity, acts as a water retention layer and limits oxygen diffusion to the underlying materials. No investigations have been completed to identify potential clay sources. However, it is therefore assumed that a borrow pit investigation will be carried out in the next phases of the project. Otherwise, another concept will have to be developed.

The Stockpile 002 surface would be reprofiled to allow the cover system placement and the efficient drainage towards the water collection ditches. The general configuration of this concept includes from bottom to top:

- A 30 cm layer of granular material (overburden) would be placed on the waste rock after reprofiling.
- A clay cover (1.5 m thick) will be then put in place.
- A 20 cm layer of topsoil as support for vegetation will be placed on the clay cover. Then, the surface of the stockpile 002 would be vegetated to create a closed landscape and mitigate erosion.
- A drainage system to evacuate percolation water through the layers of natural covering materials to networks of peripheral ditches.

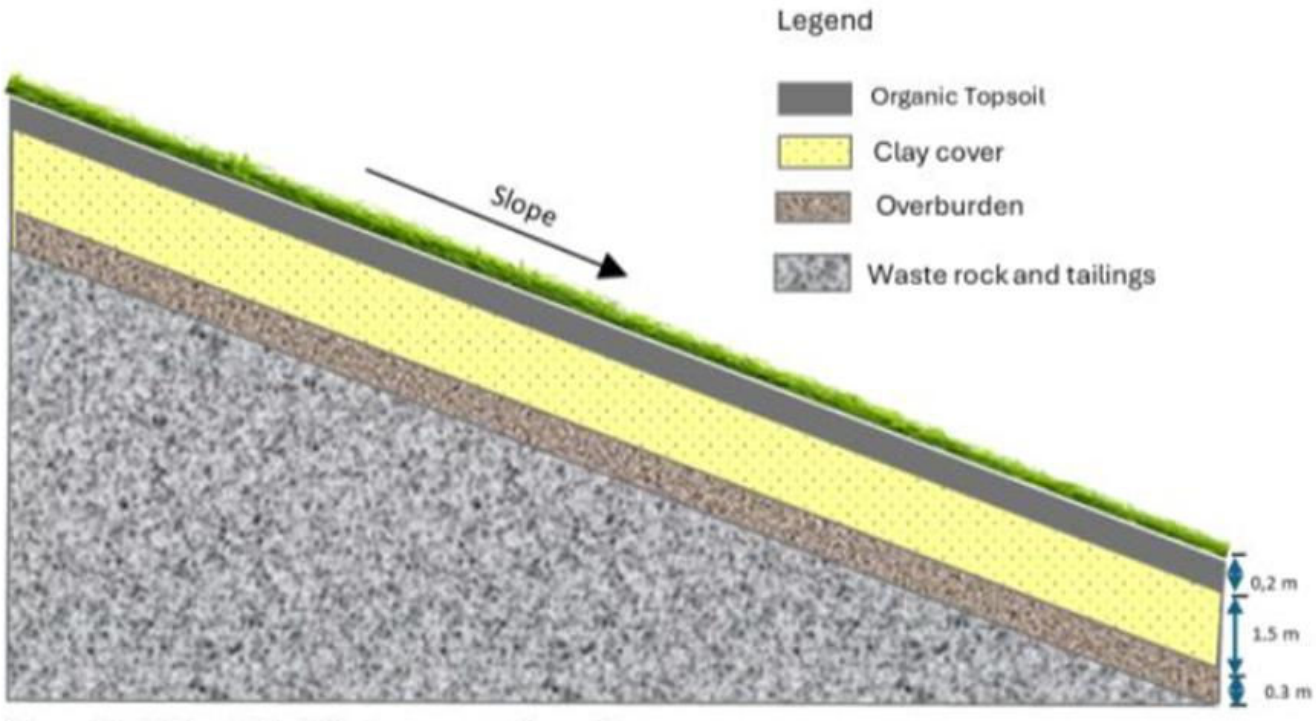


Figure 13-2 Stockpile 002 Closure Configuration

13.3.3 Organics and Overburden Piles

Topsoil and overburden piles (001, 002, 004 and 005, respectively) will be used for closure activities. Once the material has been utilized, the remaining footprint of these stockpiles will be scarified to break up compacted surfaces and promote natural drainage. These areas will then be revegetated using hydroseeding, which facilitates rapid vegetation establishment and erosion control.

13.3.4 Open Pit

13.3.4.1 Flooding and Site Securing:

Under this closure strategy, the open pit will be allowed to flood naturally, resulting in the formation of a stable pit lake that integrates with the local hydrogeological system. The pit closure activities are :

- Passive pit flooding: Allow natural runoff and groundwater inflows to flood the pit up to the current water level in Lake 01 (El. 373 m).
- Securing the pit by constructing a safety berm around it to prevent animals and unauthorized persons from entering the flooded pit.
- Dismantle the small water retention berm.
- The pit lake will be connected to the existing natural channel that discharges to the north.
- Promote the establishment of aquatic habitat through features such as low-flow channels.

13.3.5 Access Roads

Closure and reclamation strategies developed are the following:

- Decommissioning and Removal: All access roads will be fully decommissioned, including:
  - Removal of culverts and drainage structures.
  - Restoration of natural hydrological flow.
- Rehabilitation Measures:
  - Recontouring of the roadbed to match the surrounding topography.
  - Revegetation using native plant species to prevent erosion.

13.3.6 Restoration of the Water Management System

Once the site has been restored and the water quality has been confirmed, the four (4) ponds located within the water treatment area, as well as the two (2) ponds in the industrial area, will be backfilled. The areas will be reprofiled and revegetated using hydroseeding. Before any earthwork begins, the sediments accumulated at the bottom of the ponds will be characterized, excavated, and either stored in Stockpile 002 or transported to an authorized disposal site. The geomembrane will be removed to allow drainage.

As for the four (4) ponds collecting water from Stockpiles 001 and 002, a breach in each of the dikes will be excavated to ensure there is no water accumulation at the toe of the stockpiles. Sediments collected at the bottom of these ponds will also be removed and managed appropriately.

13.4 Monitoring and Maintenance Programs

Long-term considerations include monitoring programs to assess geochemical stability and potential settlement risks, to ensure that restored areas do not pose long-term contamination or subsidence issues. The implementation of an environmental monitoring program will demonstrate that the restoration works have achieved their goals. Based on the 2025 edition of Directive 019 from the MELCCFP, the following is a summary of the post-operation and post closure environmental monitoring requirements:

13.4.1 Post-Operation

13.4.1.1 Effluent Monitoring Requirements:

- Final effluent must be monitored weekly during the restoration phase.
- Monitoring includes:
  - Water quality sampling at the discharge point.
  - Flow rate and pH measurements, preferably with continuous monitoring equipment.
  - Data transmission to MELCCFP as per prescribed formats and frequency.

13.4.1.2 Groundwater and Runoff Management:

- Groundwater must be sampled twice per year during restoration and post-restoration phases.
- Runoff from stockpiles must be collected and treated at the water treatment facility until water quality objectives are met.

13.4.2 Post-Restoration Monitoring

- Once the site is restored and water quality confirmed:
  - Breaches will be created in the stockpile collection ponds.
  - This will result in four (4) effluents to monitor.
- Monthly monitoring (during open water season) of these effluents is required for 20 years post restoration.
- Groundwater monitoring continues twice per year during this period.
- Mine water and final effluent monitoring continues eight (8) times per year during this period.
- The effectiveness of revegetation will be monitored.

13.4.3 Agronomic Monitoring

Vegetation establishment of stockpiles will begin as soon as the dismantling of installations and the restoration of stockpiles. Monitoring the success of revegetation in restored and vegetated areas of the site, as well as plant maintenance, will be carried out over a five (5) year period through annual inspections.

The general objective of vegetation monitoring is to track the evolution of restored and vegetated areas, including plant growth, coverage rate, and species diversification, as well as the performance and self-sufficiency of plant species that have colonized the restored areas. It also aims to ensure that no invasive exotic species (IES) are present on the site. Additionally, it involves assessing maintenance and corrective needs if necessary (e.g., fertilizer application). Revegetation activities will be carried out in areas where success is deemed unsatisfactory.

A more detailed agronomic monitoring program will be presented in the vegetation plan and will continue throughout the post-restoration phase. Monitoring will be conducted over a five (5) year period according to the following schedule:

- Year 1: Monitoring of plant species growth (June and August) in newly restored and vegetated areas.
- Years 2 to 5: Annual monitoring during the peak of the plant growing season, between mid-July and mid-August.

Vegetated areas subject to agronomic monitoring will be delineated using permanent sampling plots. The sampling plots (SP) will have an area of 1 m² (1 m x 1 m) and will be distributed across all vegetated areas. The number of SPs to be inventoried will vary depending on the size of the vegetated areas (**Table 13-1**). The type of inspection and the indicators measured during agronomic monitoring are presented below:

- Growth: Visual inspection;
- Coverage Rate: Visual inspection and point-intercept method using a 1 m² grid;
- Leaf Area Index: Measurement;
- Percentage of Living and Dead Plants and Spatial Distribution: Visual inspection;
- Root Depth: Measurement;
- Root Parameters (RLD, RVD, etc.): Measurement.

An annual monitoring report will be submitted to the MRNF and MELCCFP.

Table 13-1 Minimum Number of Sampling Plots (SP) to be Inventoried Based on the Area Considered for Agronomic Monitoring

Vegetated Area (ha)	Minimum Number of Monitoring Plots
1 ha or less	4
2 to 4	6
4 to 6	8
6 to 10	10
10 or more	10 + 1 per additional 5 ha

13.5 Rehabilitation and Closure Planning

A closure plan, in accordance with the Guide for Preparing Mine Site Rehabilitation and Restoration Plans in Quebec (MRNF, 2024), is currently underway by GCM Consulting and will include a detailed schedule of closure work. The mine closure plan outlines the steps that PMET will take to safely decommission the mine once operations have ceased, ensuring all environmental impacts are mitigated and the site is restored to safe and stable conditions.

13.6 Transhipment Station

At the Matagami transhipment site, installations (rails, yards and storage buildings) dedicated to the Project will be owned and operated by the Town of Matagami and therefore, closure of these facilities will be their prerogative and may remain in place for other users in the future. No cost has been included for closure.

14. Performance Monitoring

During operations, the implementation of a systematic performance monitoring program is critical to maintaining the physical integrity of the waste rock stockpiles, tailings stack and ancillary structures. Such a program should include environmental monitoring together with regular visual inspections of the entire facility, monitoring of piezometric levels within the filtered tailings stack and the containment pond embankments and settlement monuments within the waste rock stockpiles and the filtered tailings stack. The program will be documented in an Operation, Maintenance, and Surveillance Manual that shall be developed during the detailed design and construction stage of the Project, and it will be re-visited on a regular basis to account for any changes in the performance or operation of the waste rock stockpiles and filtered tailings stack.

14.1 Inspection Programs

The various components within the filtered tailings stack and waste rock stockpiles should be regularly inspected by knowledgeable personnel familiar with their design and operating requirements. The results of the monitoring program should form the basis for determining maintenance and remediation measures that may be required from time to time. The design and as-built construction records for the various components of the filtered tailings stack and waste rock stockpiles are vital to assessing the performance of the facility and should be properly archived at the site and accessible for review when required.

It is common practice to implement such programs on three levels; routine observations (daily), detailed inspections (quarterly and annually) and formal dam safety reviews (every five to seven years depending on the dam hazard classification). In addition, detailed inspections should be conducted following spring runoff and after any unusual events such as heavy rainstorms, windstorms and seismic events. Water levels in the stockpile ponds should be recorded on a daily basis, and a detailed survey of the tailings stack surface shall be completed annually to assist with tailings deposition planning and construction scheduling.

14.2 Instrumentation

The performance of the filtered tailings stack can be inferred, in part, from instrumentation placed within the foundations. An instrumentation plan based on conditions encountered, and observations made, during construction shall be developed and implemented as soon after construction as possible. Factors that should be considered in the development of the instrumentation plan include conditions and difficulties encountered during construction, and the results of construction monitoring of fill materials and fill placement.

At a minimum, it is anticipated that instrumentation will be required to monitor piezometric levels of within the filtered tailings stack and the foundation soils at each of the containment ponds. Settlement plates, installed to a depth that penetrates the maximum expected frost depth, shall be installed on the crest of dams along with the piezometers to monitor settlement. Inclinometers can also be installed to monitor lateral deformations within the dam. For the waste rock stockpiles, settlement plates and inclinometers should be installed as the stockpiles are developed.

Initially, water level measurements in the piezometers should be taken at bi-weekly intervals. Once stabilized, the monitoring frequency will likely be reduced to monthly readings, provided that abnormal conditions have not been observed during the initial monitoring period. Additional instrumentation and/or more frequent monitoring may be required if unusual conditions are indicated by the initial monitoring or by observations recorded during facility inspections.

14.3 Groundwater and Surface Water Monitoring

Some seepage through and under the stockpiles and ponds can be anticipated. A network of groundwater monitoring wells shall be installed downstream of the stockpiles and ponds to monitor any change in groundwater quality, and a monitoring well should be installed upstream to serve as an indicator of background groundwater quality. The location and number of groundwater monitoring wells to be installed should follow the regulatory requirements and would be detailed in the ESIA.

In addition to groundwater monitoring, it is also suggested that surface water quality monitoring be done in the creeks downstream and around the stockpiles.

15. Cost Estimate

Cost estimates for the project were developed by GMining. AtkinsRéalis provided material take-offs (MTOs) for the various aspects of the project. The MTOs are included in **Appendix E**

16. Conclusions and Recommendations

16.1 Water Management:

The water management and treatment systems proposed for the Shaakichiuwaanaan Lithium Project have been developed to meet the regulatory requirements and ensure reliability and environmental protection throughout the mine's life cycle. The site-wide water management strategy effectively separates contact and non-contact water, consolidates treated water into a single discharge point, and ensures safe conveyance of runoff through engineered ditches, ponds, and pumping systems.

Key conclusions include:

- Contact Water Management: All contact water generated from the mine's infrastructure, including stockpiles, industrial areas, and dewatering activities, will be collected through a network of ditches and ponds. These flows will be transferred via pump stations to designated treatment facilities. In total, four (4) ponds have been designed to manage runoff from Stockpiles 001 and 002, while two additional ponds will serve the industrial area. Pump stations will be installed at each pond to facilitate water transfer to designated treatment facilities. Additionally, dewatering flows from both open-pit and underground operations will be pumped directly to the treatment systems.
- Water Treatment:
  - Two (2) distinct types of contact water are anticipated in this project:
    - Water Contaminated with Total Suspended Solids (TSS):
    - This category includes water impacted by inert waste rock, industrial areas, and mine dewatering activities. It will be treated initially in sedimentation ponds, followed by a polishing pond for final clarification. In cases of elevated TSS concentrations, particularly from mine dewatering or the former lakes, designated space within the industrial area has been reserved to accommodate additional physico-chemical treatment, including high-rate clarification systems.
    - Water Contaminated by Metal Leaching and Acid-Generating Materials:
    - This type primarily involves contaminants such as arsenic, associated with potentially acid-generating (PAG) and metal-leaching (ML) waste rock and tailings. Treatment will involve a physico-chemical process comprising pH adjustment, the use of chelating agents, coagulation, and flocculation. The treated water will then be directed to the polishing pond for final polishing prior to discharge.
  - Although lithium has been detected in runoff from the tailings section of Stockpile 002, no specific treatment is currently implemented, as lithium is not regulated under Directive 019 or MDMER. However, optimization of the concentration process is expected to improve lithium recovery and reduce its concentration in tailings.
  - Two (2) treatment trains have been designed to reduce the initial CAPEX and to follow the ramp-up of the stockpile footprint and mine development. Space has been reserved adjacent to the water treatment systems to accommodate future expansion if required.
- Final Discharge: The overall objective is to consolidate all treated water into a single discharge point for the entire site. All treated water will be discharged into the CE15 River via a subsurface diffuser system designed to ensure effective mixing and minimize environmental impact. Hydraulic modeling confirms that the effluent will be fully mixed within 200 meters downstream of the discharge point.

- Water balance and climate resilience: A site-wide water balance model was developed using GoldSim, simulating daily flows under average, dry, wet, and extreme climate scenarios. The model confirms that the system can manage peak flows, maintain freeboards, and ensure operational reliability even under conservative flood conditions.
- Diversion Infrastructure: The development of the project requires the implementation of a lake diversion system to reroute outflows from Lake 001. This system consists of a diversion channel and a series of staged cut-off dams. The system is designed to safely convey the PMF and maintain fish habitat continuity by incorporating drops, pools, and boulder placements. The channel, approximately 870 meters long, will be constructed in Year 2 and routed through bedrock with 1H:1V side slopes. It will redirect flow from Lake 001 to Lake 05, affecting about 1.9 km² of the lake's watershed.
- Overburden and Organic Piles water management: Runoff from these piles will be managed using paddock systems that promote infiltration and evaporation, reducing the volume of water requiring treatment.

To support the next phase of project development and ensure continued compliance and performance, the following recommendations are made:

- Water Management and Infrastructure
  - Dam Breach and Flood Risk Analysis: Conduct detailed dam breach assessments for cut-off dams and contact water ponds, particularly those managing runoff from PAG materials, to evaluate downstream risks and emergency response protocols.
  - Cut-off Dams Crest Elevation and Wind Setup Assessment: Monitor seasonal water level fluctuations in Lake 001 and perform a wind setup analysis to validate the adequacy of the freeboard under extreme conditions. These assessments will support confirmation or adjustment of the proposed crest elevation of the cut-off dams and ensure safe containment during high wind and hydrological events.
  - Spillway Design Optimization: Complete the full hydraulic design of all emergency spillways, including chute geometry, dissipation basins, erosion protection, and confirmation of spillway location relative to pond embankments and downstream receptors.
  - Diversion Channel Erosion Control Measures: Refine the erosion risk assessment using 2D hydraulic modelling to identify zones of high erosion potential along the diversion channel, particularly near rapids, drops, and constrictions. These areas should be prioritized for targeted protection measures.
  - Diversion Channel Fish Passage Design: Recommendations for fish passage include the incorporation of drops and pools in the channel bed for flow variation. A refined hydraulic assessment is recommended to evaluate flow conditions throughout the channel and ensure long-term ecological connectivity and habitat function.
  - Catchment Paddock Validation: Confirm the sizing and performance of paddock systems around overburden and organic piles through hydrological modelling and field validation. Long-term erosion control and maintenance requirements should also be assessed.
  - Water Balance Model Refinement: Update the site-wide water balance model with recent climate data and field measurements. Probabilistic simulations are recommended to assess uncertainty and support operational decision-making.
- Water Treatment:
  - The water treatment system has been designed based on the most recent data from the water balance and geochemical models. It is recommended that the design basis be updated in the next phase of the Project to reflect the latest geochemical findings.
  - The system has been developed to meet the criteria of Directive 019 and the MDMER regulations. The Project should receive the environmental discharge objectives from the MDDEFP, which will include the receiving environment's capacity to accept the effluent. Modifications to the treatment system may be required once these objectives are received.

- Certain parameters, such as lithium, are not addressed by the current water treatment design. Continuous monitoring of both the influent and effluent is required, and the treatment system should be updated as needed based on the monitoring results.
- Space has been reserved adjacent to the water treatment infrastructure to accommodate a potential future treatment unit. This was done to ensure compliance with regulatory requirements for TSS or ammonium, if additional treatment becomes necessary.
- A single discharge point is currently planned for this Project, located in the CE15 river. A more detailed investigation should be conducted to confirm the feasibility of this design and to validate the river's capacity to receive the effluent year-round.

- Potable Water
  - The potable production system has been designed based on the projected population of workers in the permanent camp. If the capacity needs to be adjusted, the design of the treatment system must be updated accordingly.
  - It is necessary to sample the freshwater from Lake 308 in accordance with the guidelines outlined by the MELCCFP.
  - The availability of water in Lake 308 has been assessed at a high level to confirm the general availability of the resource. However, a detailed hydrological study is required to ensure the long-term availability of freshwater for potable water production, including under drought conditions
- Sewage System
  - The sewage treatment system has been designed based on the projected population of workers in the permanent camp. If the capacity needs to be adjusted, the design of the treatment system must be updated accordingly.

16.2 Hydrogeology

A three-dimensional groundwater model was developed to assess the efficacy of the seepage control measures proposed to prevent any significant degradation of the groundwater quality due to any potential seepage from Stockpile 002, as Stockpile 002 will store both PAG/ML waste rock and Non-PAG/ML tailings material (Vision Geochemistry 2025).

The mitigation measures evaluated during this study was the installation of a geomembrane below Stockpile 002 during the mine operation followed by the installation of an impermeable cover following mine closure. The results of the solute transport model suggest that the mitigation system is effective with solute concentrations reaching the environmental receptors being below the applicable criteria after 200 years.

Based on the results, the site conditions, the nature of the material stored and the proposed mitigation measures and ensure continued compliance and performance, the following recommendations can be made:

- Effective quality control/assurance should be implemented during geomembrane installation to minimize the number defects and therefore decrease the percolation rate through the geomembrane.
- Implementation of a groundwater monitoring program to monitor the groundwater quality surrounding Stockpile 002 with periodic groundwater monitoring and appropriate trigger level set to meet groundwater quality protection objectives.
- The projections obtained from the hydrogeological modeling study must be compared with the groundwater monitoring results collected in the field. The hydrogeological modeling study should be updated and recalibrated as needed based on field data to refine the predictions.

16.3 Waste Management

Mine waste will be separated and disposed of at different locations as described below:

- Stockpile 001 will store approximately 54 Mt of “Low Risk” waste rock. The facility is unlined with run-off collected in perimeter ditches that discharge to two ponds. This water is pumped to the sedimentation ponds at the industrial area for management of TSS prior to reuse or discharge to the environment. The remaining 29 MT “Low Risk” waste rock will be dumped into the West Pit.
- Stockpile 002 will store 54 Mt of ML tailing and 81 Mt of PAG/ML waste rock. The base of Stockpile 002 is lined with a geomembrane. Run-off from this stockpile is collected within lined perimeter ditches which discharge to two lined ponds. The collected water is pumped to the treatment plant at the Industrial Area prior to re-use or discharge to the environment. The remaining 17 Mt of tailings will be used as paste backfill for the underground mine.
- The 14 Mt of overburden will be stored at Pile 004 and Pile 005 located to the south of the open pit. Run-off from these piles will be managed with a system of catchment paddocks.
- Two topsoil stockpiles will be located to the south of Stockpile 001. These piles are to store the stripped material from the footprint development

The waste management systems proposed for the Shaakichiuwaanaan Lithium Project have been developed to meet the regulatory requirements and ensure reliability and environmental protection throughout the mine’s life cycle. Based on the results of the study, the site conditions, the nature of the materials to be stored, and the proposed mitigation measures, the following recommendations are made for the next phase of the study:

- Additional geotechnical investigations are required to further characterize the foundations of the stockpiles to determine if there are any weak layers beneath the stockpile footprints that are at risk of liquefaction.
- Geotechnical investigations are also required to further define the depth to bedrock within the proposed diversion channel for Lake 001, and the collection ditches and ponds around Stockpile 001 and Stockpile 002.
- There is currently no soil profile or geotechnical information available at the location of the proposed Water Treatment Plant. For future design phases, it is recommended to conduct geotechnical investigations within the footprint of the Water Treatment Plant.
- The geotechnical investigations must include the proposed locations of the West Pit and East Pit Dams within Lake 001 to determine the thickness of the lake sediments and the characteristics of the bedrock below the proposed dams.
- Potential borrow pits must be identified for granular materials, and these should be sampled and tested.
- A site-specific seismic hazard assessment should be completed to determine the appropriate loading for the seismic stability analyses.

16.4 Closure

The mine closure phase aims to ensure a responsible transition toward sustainable post-operation land use, in compliance with Quebec's regulatory requirements and in collaboration with Indigenous communities. It is based on a progressive and structured planning approach, including the gradual restoration of inactive areas, the dismantling of industrial infrastructure, and the implementation of rehabilitation strategies tailored to each site component.

Industrial facilities will be dismantled following the principles of reduction, reuse, and recycling, while access roads will be either restored or maintained depending on their community use. Non-essential roads will be decommissioned, culverts removed, natural water flows restored, and surfaces recontoured and revegetated with native plant species to prevent erosion.

Waste rock stockpiles will be managed according to their potential for contaminant generation: Stockpile 001 will be restored with a vegetated cover suitable for low-risk waste rock, while Stockpile 002 will be restored using an impermeable clay cover to limit water infiltration and prevent contaminant generation.

The open pit will be naturally flooded to form a stable lake, secured with berms and integrated into the local hydrographic network.

Water management ponds will be backfilled once water quality is confirmed, following sediment characterization and appropriate disposal. Dikes of the stockpile water collection ponds will be breached to prevent water accumulation at the base of the structures.

Finally, overburden and organic soil piles will be used for cover construction and subsequently restored through scarification and revegetation. These measures aim to ensure the environmental stability of the site, promote ecological reintegration of the land, and meet the expectations of stakeholders, particularly local and Indigenous communities.

To support the next phase of project development and ensure continued compliance and performance, the following recommendations are made:

- Potential Borrow pit Sources: Investigations should be conducted to identify suitable clay materials from potential borrow pits for use in the construction of the cover system.
- Required Geotechnical Properties: The technical feasibility of the clay cover depends on specific properties of the material. According to Benson et al. (1994) and Marcoen et al. (2000), as cited in Bussière and Guittonny (2020), the recommended geotechnical criteria for clay used as a hydraulic barrier include:
  - Hydraulic conductivity ≤ 10^{-9} m/s;
  - Fine particle content > 30%;
  - Clay fraction (<2 µm) > 15%;
  - Plasticity index (PI) > 7%, but < 20% if freeze–thaw and wet–dry cycles are expected;
  - Liquid limit > 20%;
  - Gravel content < 50%.

- Numerical Validation: It is strongly recommended to perform flow modeling using SEEP/W software to validate the hydraulic performance of the clay cover and integrated in the modal the projected climate change effect.
- Optimization of Waste Rock Management: A review of the waste rock management should be done to evaluate the possibility of additional segregation to reduce the quantity of waste rock which requires an impermeable cover system (i.e. Reducing Stockpile 002).
- Laboratory and Field Testing: Laboratory and field tests should be considered early in the mine's development to optimize and evaluate the performance of the proposed cover systems.

17. References

Atkins Realis, 2025a, Foundation recommendations for site infrastructure, document number CASN-A-370-GT-MEM-0002

Atkins Realis, 2025b, Geotechnical Laboratory Analysis of Tailings, document number CASN-A-370-GT-MEM-0003

Atkins Realis, 2025c, Design Basis and Criteria – Waste and Water Management, document number CASN-A-370-GT-DCR-0001

Atkins Realis, 2025d, Baseline Hydrology, document number CASN-A-370-HY-REP-001

BBA, 2024. Technical Report Geotechnical Campaign for Phase 1 Diversion Dams, 7535009-000000-4G-ERA-0001-RAA

BBA 2024. Shaakichiuwaanaan Project, Technical Report, Geotechnical Campaign for Phase 2 (factual), Preliminary, 7535009-020001-4G-ERA-0003-RAA

BCMWRPRC, 1991b. Operating and Monitoring Manual – Interim Guidelines. Mine Rock and Overburden Piles 2. Prepared by Klohn Leonoff Ltd, May 1991.

BBA (2024) Hydrogeological Baseline Study – Future Open Pit / Underground CV5, Shaakichiluwaanaan Lithium Property. BBA Document No. – Rev. : 7535001-001900-41-ERA-0002-R00, September 23, 2024, Final

CDA, 2019. Technical Bulletin: Application of Dam Safety Guidelines to Mining Dams, 2014 (2019 Edition). Canadian Dam Association

Federal Emergency Management Agency (FEMA, 2014), Technical Manual: Overtopping Protection for Dams. FEMA P-1015/May 2014.

GlobalTailingsReview.org, 2020. Global Industry Standard on Tailings Management (GISTM). https://globaltailingsreview.org/global-industry-standard/.

Hawley, M. and Cunning, J. (editors), 2017. Guidelines for Mine Waste Dump and Stockpile Design. CSIRO Publishing.

Lemmen, D.S., Warren, F.J., Lacroix, J., and Bush, E., editors (2008), From Impacts to Adaptation: Canada in a Changing Climate 2007; Government of Canada, Ottawa, ON, 448 p.

Maidment, David R. (1992), Handbook of Hydrology, ISBN 0-07-039732-5, McGraw Hill, 1992.

MELCCFP, 2025. Directive 019 sur l'industrie minière, 13 février 2025. Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs, Gouvernement du Québec – 2025. [Accessed in French at: https://www.environnement.gouv.qc.ca/milieu_ind/directive019/directive-019-2025.pdf].

Ministère de l'Énergie et des Ressources naturelles (MERN) (2017), Analyse de risques et de vulnérabilités liés aux changements climatiques pour le secteur minier québécois. Québec, Canada.

Ministère des Transports et de la Mobilité durable (MTQMB) (2022), Tome III – Ouvrages d'art, chapter 2, page 3. January 2022.

MRNF, 2024. Guide de préparation du plan de réaménagement et de restauration des sites miniers au Québec, Octobre 2024. Ministère des Ressources naturelles et des Forêts, Gouvernement du Québec – 2024. [Accessed in French at: https://www.mern.gouv.qc.ca/wpcontent/uploads/GM_restauration_sites_miniers_MERN.pdf]

MTQ (2024). Ministère des transports du Québec, Manuel de conception des ponceaux, juin 2024.

NBCC (2020). National Building Code of Canada Seismic Hazard Tool, 2020 National Building Code of Canada Seismic Hazard Tool

Ouranos (2015), Crues maximales probables et sécurité des barrages dans le climat du 21e siècle. Rapport présenté à la Division des impacts et de l'adaptation liés aux changements climatiques, Ressources naturelles Canada, 39 p.ePMET (2025a). PMET Resources Delivers Positive Feasibility Study for its Large-Scale Shaakichiuwaanaan CV5 Lithium-Only Project. NI-43-101 Press release

PMET (2025b). Technical Note. Diversion Channel and Fish Habitat Requirements, Feb 11, 2025

Primero, 2025. Email dated of August 5th, 2025. Masse balance of the process plant.

SNC-Lavalin (2004), Estimation des conditions hydrométéorologiques conduisant aux crues maximales probables (CMP) au Québec, pour le Center d'expertise hydrique du Québec, janvier 2004.

Thornthwaite, C.W. (1948), An Approach toward a Rational Classification of Climate. Geographical Review, 38, 55-94.

US Army Corps of Engineers (USACE) (2023), HEC-SSP. Statistical Software Package User's Manual Version 2.3

United States Department of the Interior, Bureau of Reclamation (USBR, 2022), Design Standards No. 14 Appurtenant Structures for Dams (Spillways and Outlet Works) Design Standard.

Vision, 2025. Geochemical Characterization of Mine Waste Materials & Modelling of Waste Rock Stockpiles for the Shaakichiuwaanaan Project (CV5 Pegmatite): Feasibility Study Update. Ref. 2405007-TR1"

Warren, F.J. and Lemmen, D.S., editors (2014), Canada in a Changing Climate: Sector Perspectives on Impacts and Adaptation; Government of Canada, Ottawa, ON, 286p.

Appendices

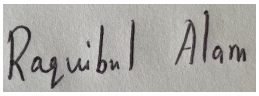
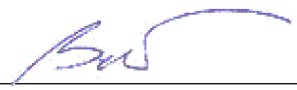
Appendix A Design Criteria

AtkinsRéalis	TECHNICAL NOTE Shaakichiuwaanaan Project – Waste and Water Management		
	Document No.: CASN-A-370-GT-DCR-0001 AtkinsRéalis: 702381-0000-4GEA-0001	**Rev.** C	**Date:** August 19, 2025

Title of document: **DESIGN BASIS AND CRITERIA – WASTE AND WATER MANAGEMENT**

Client: **PATRIOT BATTERY METALS INC.**

Project: **SHAAKICHIUWAANAAN PROJECT – WASTE AND WATER MANAGEMENT**

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List of Revisions

#	Prep.	Rev.	App.	Date	Pages	Remarks
B	RA	PA	BM	2025-01-29	All	Issue for client's comments
B1	HT/AC/PD	PA/TH		2025-05-06		
C	JD	PA	BM	2025-08-19	All	Issued as Final

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Appendix A – Site Location and Layout

1. Introduction

AtkinsRéalis has been retained by Innova, a wholly-owned Québec subsidiary of Patriot Battery Metals Inc., for a feasibility study for waste and water management for the Shaakichiuwaanaan Mining Project. The site is in the Eeyou Istchee James Bay region of Québec, Canada, with coordinates of 53°32'00" N, 73°55'00" W. It is approximately 220 km east of Radisson and about 240 km north-northeast of Nemaska. The Property comprises 463 mineral claims, covering roughly 23,710 hectares across two main claim groups. The largest of these groups extends nearly continuously for about 51 km in an east-west direction.

The project will extract spodumene from a pegmatite deposit using a hybrid method that includes open-pit and underground mining. In the initial phase (2029-2034), the estimated annual production rate will be 400 ktpa at a grade of 5.5% lithium oxide (Li2O) concentrate. This will increase to 800 ktpa in the expansion phase (2031-2051). The operating life of the project is currently estimated to be 22 years.

The project is expected to generate approximately 154.1 million tonnes (Mt) of waste rock, 16.9 Mt of overburden, and 71.1 Mt of tailings. Two types of waste rock will be produced: metal-leaching or potentially acid generating waste rock (estimated at 81.0 Mt) and non-leaching "Low Risk" waste rock (73.0Mt). Stockpile 001, located north of the open pit, will be designated for a portion of the "Low Risk" waste rock, about 43.5 Mt. The remaining "Low Risk" waste rock (29.6 Mt) will be placed in the open pit. Stockpile 002, situated northeast of the pit, will receive the potentially metal-leaching or potentially acid generating waste rock (81.0 Mt), and a portion of the filtered tailings (54.0 Mt). The remaining tailings, estimated as 17.1 Mt, will be disposed as paste backfill once the underground mine is operational. Overburden will be managed in Stockpile 004 and Stockpile 005, located south of the pit.

The development of the open pit is planned in two phases. Phase 1 will be from 2029 to 2034, while Phase 2 is scheduled for 2034 to 2045. Underground mining operations will run from 2031 to 2051. Before the commencement of Phase 1, a cutoff dam (Stage 1) will be constructed in Lake 001 together with a diversion ditch. This will allow for the pit development within the western portion of Lake 001 and continued discharge from Lake 001 to Lake 007, around the open pit. A second series of cutoff dams, located to the east will be required for the Phase 2 pit development. The dyke and diversion ditch will maintain the water level of Lake 001 at the current elevation of approximately 373 meters above sea level (m.a.s.l.) and redirect water around the northern perimeter of the pit. The general site layout is provided in **Appendix A**.

2. Scope

This document forms the design criteria and design basis for tailings management, the stockpiles, the cut-off dyke, and the diversion ditch, geotechnical aspects, water management, and hydrogeology (in the stockpiles area) for the Shaakichiuwaanaan Mining Project.

3. Units

The following units are used (the study is carried out using metric units):

- Distance – meter (m);
- Elevation – metres above mean sea level (m.a.s.l.);
- Volume – cubic meter (m^3);
- Pressure – kilo pascal (kPa);
- Unit Weight – Kilo-Newton (kN)/$m^{3;}$
- Temperature – Celsius (^oC);
- Time – seconds (sec), years (yr);
- Mass (in mining) – million tonnes (Mt);
- Production rate – kilotonnes per annum (ktpa).

4. Site Geology

The Shaakichiuwaanaan Property, located in the Archean Superior Province of the Canadian Shield, lies in the La Grande sub-province, near the Opinaca sub-province, and is renowned for its robust exploration potential for commodities, including base metals, precious metals, and lithium (PEA, 2024). The La Grande sub-province, a geological marvel, showcases a volcano-plutonic structure aligned with the Wemindji-Caniapiscau corridor. It comprises two primary domains, the Eastmain River Belt and the La Grande River Belt, each with its unique geological features (PEA,2024).

The Property is situated within the La Grande River Belt, characterized by volcanic and sedimentary rocks, including two ancient volcanic sequences and interstratified metasediments (PEA, 2024). The La Grande sub-province is bordered to the north by the plutonic Bienville sub-province and to the south by the metasedimentary and plutonic Opinaca sub-province (Lucas & St-Onge, 1998; Houle, 2004; Percival, 2007). The La Grande and Opinaca sub-provinces contain many of Québec's known spodumene pegmatite occurrences (PEA, 2024).

Metamorphism in the region varies from greenschist facies at the centre to amphibolite facies at the edges (Card, 1986; Houle, 2004). Structural trends shift from east-west in the southwest to northeast-southwest in the north, primarily formed between 2700 and 2680 Ma (Percival et al., 2012). The area is not just about potential; it is about significant discoveries that have already been made. It contains significant nickel-copper deposits associated with komatiitic flows, ultramafic intrusions, and notable spodumene pegmatite occurrences (PEA, 2024).

5. Design Criteria and Design Basis

The design criteria and basis summary for the stockpile and the dams are presented on the following page.

5.1 Applicable Legislation, Regulations, and Best Practice Guidelines

Item	Design Criteria and Basis	Reference
Provincial Standards	Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs (MELCCFP) ▪ The Provincial Directive 019 on the Mining Industry ▪ Dam Safety Regulation ▪ Dam Safety Act Ministère des Ressources Naturelles et des Forêts (MRNF) ▪ Guide de préparation du plan de réaménagement et de restauration des sites miniers au Québec -	MELCCFP, 2025 s-3.1.01, r. 1 - Dam Safety Regulation S-3.1.01 - Dam Safety Act MRNF, 2024
Canadian Dam Association Guidelines	Canadian Dam Association (CDA), Dam Safety Guidelines CDA Technical Bulletins ▪ Inundation, Consequences, and Classification for Dam Safety ▪ Surveillance of Dam Facilities ▪ Flow Control Equipment for Dam Safety ▪ Dam Safety Analysis and Assessment ▪ Hydrotechnical Considerations for Dam Safety ▪ Seismic Hazard Considerations for Dam Safety ▪ Geotechnical Considerations for Dam Safety ▪ Dam Safety Reviews ▪ Application of Dam Safety Guidelines to Mining Dams ▪ Tailings Dam Breach Analysis ▪ Environmental Consequence Classification CDA Guidelines ▪ Public Safety Around Dams	CDA, 2013 CDA, 2007a CDA, 2007b CDA, 2007c CDA, 2007d CDA, 2007e CDA, 2007f CDA, 2007g CDA, 2016 CDA, 2019 CDA, 2021 CDA, 2023 CDA, 2011

Item	Design Criteria and Basis	Reference
Others	Federal Metal and Diamond Mines Effluent Regulation	MDMER, 2024
	A Guide to the Management of Tailings Facilities	MAC, 2021a
	USBR Design of Small Dams	USBR, 1987
	USBR Design Standards No. 13: Embankment Dams	USBR, 2021
	USBR Design Standards No. 14: Appurtenant Structures for Dams (Spillways and Outlet Works) Design Standard	USBR, 2022
	USBR Design of Stilling Basins and Energy Dissipators	USBR, 1984
	FEMA Technical Manual: Overtopping Protection for Dams	FEMA, 2014
	USACE Hydraulic Design of Flood Control Channels (EM 1110-2-1601)	USACE, 1994
	NCHRP Report 568, Riprap Design Criteria, Recommended Specifications, and Quality Control, 2006	NCHRP, 2006
	ICOLD Bulletin 157 Small Dams, Design, Surveillance and Rehabilitation	
	Guidelines for Mine Waste Dump and Stockpile Design.	ICOLD, 2016
		Hawley and Cunning, 2017

5.2 Mine Description

Item	Design Criteria and Basis	Reference
Name of Mine	Shaakichiuwaanaan	
Facility location	Category III lands of the Eeyou Istchee Cree Territory, James Bay, Quebec.	See Appendix A
Reserves	Total Ore: 87.2 Mt Average LiO_2% grade:1.26 Tonnes of concentrate @5.5% LiO2: 13.7 Mt	Project Charter (GMining)
Projected Mine Life	22 years	GMining, 2025
Mineralogy of the Main Ore Body	Spodumene ($LiAlSi_2O_6$)	PEA, 2024
Type of Mine	Open pit and underground	PEA, 2024
Process and Reagents	Ferrosilicon 270 (DMS) Magnafloc 10 (Thickening and dewatering)	PEA, 2024
Treatment Processes	Fresh ferrosilicon (“FeSi”) will be added to a mixing hopper, which will then be fed continuously via screw feeders to each DMS’s respective medium header box. Flocculant mixing will be completed in a designated area within the plant with a dedicated sump pump that recycles spillage to the thickener feed tank.	PEA, 2024
Processing Capacity	Stage 1: 2.5 Mtpa DMS Plant Stage 2: 5.0 Mtpa DMS Plant dual train	Project Charter (GMining)
Mine Waste Production	Waste Rock: 154.1 Mt Overburden: 16.9 Mt Tailings: 71.1 Mt	GMining, 2025
Backfill	17.1 Mt of tailings will be used for underground backfill	GMining, 2025
Coordinate Reference System	UTM-NAD83-ZONE18	PROJECTED_CRS for Qb
Topographical Surveys	LiDAR and orthophoto survey in August 2022. A LiDAR and orthophoto survey, and heliborne magnetic and radiometric survey have also been completed in 2024 over the JBN-57 claim block.	NI 43-101 Technical Report, PEA

5.3 Climate Conditions and Meteorology

Item	Design Criteria and Basis	Reference
Climate Classification	Sub-arctic climate, Dfc in terms of the Köppen climate classification	
Weather Station(s)	Environment and Climate Change Canada (ECCC) Stations near site are: ▪ La Grande IV station (7093GJ5) ▪ La Grande IV A station (7093GJ3) ▪ La Grande 4 A station (7093714) ▪ Nitchequon station (7095480)	AtkinsRéalis, 2025
Temperature	Average annual temperature is -3.1 degrees Celsius	AtkinsRéalis, 2025
Precipitation	Average annual precipitation is 772 mm which includes 518 mm of rainfall and 254 cm of snowfall	AtkinsRéalis, 2025
Evapotranspiration	Average annual lake evaporation is 421 mm and maximum evapotranspiration under average conditions is 390 mm	AtkinsRéalis, 2025
Wind	The predominant wind direction is from the southwest (see Figure 6-1 for wind roses)	Weather Spark, 2020
Climate Change Effect	Climate change increase factor of 18% for extreme precipitation Climate change increase factor of 5% for extreme snow cover Climate change increase factor of 8% for annual and monthly precipitation	AtkinsRéalis, 2025

5.4 Tailings Management

Item	Design Criteria and Basis	Reference
Description	**Tailings**	
Tailings Production	71.1 Mt	GMining, 2025
Particle Size Distribution	P_{80} = 7.7 mm P_{50} = 3.8 mm P_{10} = 0.4 mm	WSP, 2025
Specific Gravity	2.68	WSP, 2025
Filtered tailings moisture content	12-14% (M_{water}/M_{total}) ~ 13.6-16.3% (M_{water}/M_{solids})	Primero e-mail correspondence 5 December 2024
Standard Proctor Max Dry Density	1,958 kg/m^3	WSP, 2025
Standard Proctor Optimum Water Content	11.7% (M_{water}/M_{solids}) ~10.5% (M_{water}/M_{total})	WSP, 2025 Estimated by AtkinsRéalis
Plasticity	Non-plastic	WSP, 2025
Average in-situ dry density (for conversion to volume)	1.70 t/m^3 which is approximately 90% of the maximum standard Proctor dry density	Selected by AtkinsRéalis
Consolidation Properties	The average coefficient of consolidation, Cv, (cm^2/s) = 0.0532	WSP, 2025
Hydraulic Conductivity	Average Hydraulic Conductivity (cm/s) = 9.46E-04	WSP, 2025
Tailings Deposition	Filtered tailings are transported with mine trucks from the concentrator to the final disposal area or the paste backfill plant with a front-end loader.	PEA, 2024

5.5 Stockpiles

Item	Design Criteria and Basis	Reference
Stockpile 001		
Mine Waste	43.5 Mt (Low-Risk waste rock)	Designed by AtkinsRéalis. The remaining 29.6 Mt of Low-Risk mine waste will be dumped into the open pit
Hazard Classification	Moderate hazard (WHC III)	Preliminary, based on Hawley and Cunning, 2017
Base Lining	Not required	Selected by AtkinsRéalis, based on geochemical characterization of waste rock
Stockpile Geometry	Bench Height: 10 m Intermediate bench width: 15 m Overall slope: 3.25 (Horizontal): 1 (Vertical)	GMining (meeting discussions 14 January 2025) -Selected by AtkinsRéalis
Maximum Height	Approx. 90 m (measured from the max elevation to the downstream toe)	Designed by AtkinsRéalis
Average in-situ dry density	Waste rock: 2 t/m^3	Selected by AtkinsRéalis
Water Management	Runoff collected by perimeter ditches at the toe of the stockpile and directed to the stockpile pond	Selected by AtkinsRéalis
Minimum offset from toe of stockpile to an existing water body	60 m	MELCCFP, 2025
Stockpile 002		
Mine Waste Description	81.0 Mt of waste rock (Potentially Acid Generating) 54.0 Mt of tailings	AtkinsRéalis, the 81 Mt total of potentially leaching in concentration below the D019 table 1 criteria and acid-generating waste rock is based on discussions with Vision and Patriot Battery Metals on 7 January 2025
Hazard Classification	Waste Rock - Moderate hazard (WHC III) Tailings stack - Moderate hazard (WHC III)	Preliminary, based on Hawley and Cunning, 2017

Item	Design Criteria and Basis	Reference
Base Lining	Single liner: 1.5 mm HDPE Liner Cushion Layer: 1m	MELCCFP, 2025
Stockpile Geometry	Bench Height: 10 m for waste rock and 30 m for tailings Bench width: 7.5m for tailings and 15 m for waste rock Overall slope: 3.25 (Horizontal): 1 (Vertical) for all types (i.e. tailings, and Waste rock)	GMining (meeting discussions 14 January 2025) Selected by AtkinsRéalis
Maximum Height	120 m (measured from the max elevation to the downstream toe)	Designed by AtkinsRéalis
Average in-situ dry density	Waste rock: 2 t/m^3 Tailings: 1.7 t/m^3 (which is approximately 90% of the maximum standard Proctor dry density)	Selected by AtkinsRéalis Selected by AtkinsRéalis
Water Management	Runoff and seepage are directed to ditches at the toe of the stockpile and directed to the stockpile ponds	Selected by AtkinsRéalis
Minimum offset from the toe of the stockpile to an existing water body	60 m	MELCCFP, 2025
Overburden Piles 004 and 005		
Mine Waste Description	Overburden Pile 004: 8.1 Mt of overburden Overburden Pile 005: 8.8 Mt of overburden Organic Stockpile: 1.6 Mt	GMining, 2025 Estimated by AtkinsRéalis
Hazard Classification	Low Hazard (WHC II)	Preliminary, based on Hawley and Cunning, 2017
Base Lining	None	
Pile Geometry	Continuous external slope stockpile 004 and 005: 4H:1V Continuous external slope organic stockpile: 5H:1V	Selected by AtkinsRéalis
Maximum Height	Stockpile 004: 36 m (measured from the max elevation to the downstream toe) Stockpile 005: 39 m Organic Stockpile: 27 m	Designed by AtkinsRéalis
Average in-situ dry density	Overburden: 1.75 t/m^3	Selected by AtkinsRéalis
Water Management	Runoff directed to collection paddocks at the toe of the pile for store and seep	Selected by AtkinsRéalis

5.6 Water Management for Stockpiles

Item	Design Criteria and Basis	Reference
Perimeter Drainage System		
Design Storm	1:100-year 24-hr summer rainfall event	MELCCFP, 2025
Design Flow Calculation Methodology	Rational Method	Selected by AtkinsRéalis
Runoff Coefficient	Considering high moisture conditions	Selected by AtkinsRéalis
Ditch Dimensions	Trapezoidal (Side slope: 2H:1V or flatter)	Selected by AtkinsRéalis
Ditch Lining	Stockpile 001: Unlined Stockpile 002: 1.5 mm LLDPE geomembrane for run-off collection from leaching/PAG rockfill and tailings	based on preliminary results of the geochemical characterization by Vision Geochemistry as provided at meeting on Jan 21st, 2025.
Erosion protection	Stockpile 001: Riprap and non-woven needle punched geotextile Stockpile 002: 1.5 mm LLDPE geomembrane plus riprap and non-woven needle punched geotextile on the base of the ditch.	Selected by AtkinsRéalis
Minimum Freeboard	0.6 m	USACE, 1994 / NCHRP, 2006
Collection Ponds		
Dam Dimensions	Crest Width: 10 m Dam Slopes: 3H:1V upstream (lined), 2H:1V downstream	Selected by AtkinsRéalis
Seepage Control	1.5 mm LLDPE geomembrane on the upstream slope	Selected by AtkinsRéalis
Basin/Pond Lining	Stockpile 001 Ponds: Unlined Stockpile 002 Ponds: 1.5 mm LLDPE geomembrane	based on preliminary results of the geochemical characterization by Vision Geochemistry as provided at the meeting on Jan 21st, 2025.
Dam Hazard Classification	Pond 1 (Stockpile 001): Significant Pond 1A (Stockpile 001): Significant Pond 2 (Stockpile 002): Significant Pond 3 (Stockpile 002): Significant	CDA, 2019
Return Period for Design Seismic Event	1 in 2,475-year event (minimum)	MELCCFP, 2025

Item	Design Criteria and Basis	Reference
Inflow Design Flood (IDF)	Probable Maximum Flood (PMF) based on Probable Maximum Precipitation (PMP). The more critical one of the spring or summer PMFs.	MELCCFP, 2025
Environmental Design Flood (EDF)	Stockpile 001 Ponds 1 and 1A: ▪ 1:100-year snowmelt followed by a 1:100-year 24-hr rainfall event Stockpile 002 Ponds 2 and 3: ▪ 1:100-year snowmelt followed by 1:2,000-year 24-hr rainfall event	MELCCFP, 2025
Freeboard	Minimum Freeboard for EDF: ▪ For Stockpile 001 ponds: 1.0 m ▪ For Stockpile 002 ponds: 1.5 m. Minimum Freeboard for IDF: 0.6 m	MELCCFP, 2025 OMNR, 2011
Spillway Geometry	Trapezoidal (Side slope: 2H:1V or flatter)	Selected by AtkinsRéalis

5.7 Water Management for Industrial Area

Item	Design Criteria and Basis	Reference
Sedimentation Ponds and Polishing Pond		
Dam Dimensions	Crest Width: 10 m Dam Slopes: 3H:1V upstream (lined), 2H:1V downstream	AtkinsRéalis
Seepage Control	1.5 mm LLDPE geomembrane on the upstream slope and pond base with underdrainage collection and pump-back system	AtkinsRéalis
Basin/Pond Lining	1.5 mm LLDPE geomembrane	AtkinsRéalis
Dam Consequence Classification	Significant	CDA, 2019; 2023
Dam Hazard Classification	Not applicable (no watercourse crossings)	Quebec Dam Safety Act
Pond Water Characterization	Sedimentation Ponds: Low risk Polishing Pond: Low risk	Assumed by AtkinsRéalis based on MELCCFP, 2025
Environmental Design Flood (EDF)	Sedimentation Ponds: 1:1,000-year Polishing Pond: 1:1,000-year	Selected by AtkinsRéalis as per MELCCFP, 2025
Inflow Design Flood (IDF)	PMF	Selected by AtkinsRéalis as per MELCCFP, 2025
Minimum Freeboard above EDF	Sedimentation Ponds: 1.0 m Polishing Pond: 1.0 m	Selected by AtkinsRéalis as per MELCCFP, 2025
Minimum Freeboard above IDF	0.6 m	AtkinsRéalis
Pond Inflows	Sedimentation Ponds: ▪ Dewatering water from open-pit and underground mines, dewatering of Lake 001 and run off from industrial area Polishing Pond: ▪ Sedimentation ponds, stockpile 001 collection ponds and treated water from water treatment	AtkinsRéalis

Item	Design Criteria and Basis	Reference
Pond Outflows	Sedimentation Ponds: ▪ Gravity discharge to the polishing pond Polishing Pond: ▪ Pumped to the paste plant and water supply, ▪ Outlet structure for operational discharge to the environment, ▪ Emergency spillway to discharge to the environment during flood conditions.	AtkinsRéalis
Spillway Geometry	Sedimentation Ponds: ▪ Trapezoidal/Rectangular Polishing Pond: ▪ Outlet Structure: HDPE pipes ▪ Emergency spillway: Trapezoidal (3H:1V or flatter) with concrete sill	AtkinsRéalis
Minimum offset from the downstream toe of the pond dam to an existing waterbody	60 m	MELCCFP, 2025
Return Period for Design Seismic Event	1:2,475 years	MELCCFP, 2025
Pond Service Life	To be removed prior to post-restoration period	As per MRNF, 2024
Contact Water Ponds		
Pond Slopes	3H:1V	AtkinsRéalis
Seepage Control	1.5 mm LLDPE geomembrane on pond slopes and pond base with underdrainage collection and pump-back system	AtkinsRéalis
Basin/Pond Lining	1.5 mm LLDPE geomembrane	AtkinsRéalis
Dam Consequence Classification	Not applicable (no dam embankment)	AtkinsRéalis
Dam Hazard Classification	Not applicable (no watercourse crossings)	Quebec Dam Safety Act

Item	Design Criteria and Basis	Reference
Pond Water Characterization	Low risk	Assumed by AtkinsRéalis based on MELCCFP, 2025
Environmental Design Flood (EDF)	1:100-year rainfall + 1:100-year snowfall	Selected by AtkinsRéalis as per MELCCFP, 2025
Inflow Design Flood (IDF)	Not applicable (no dam embankment)	AtkinsRéalis
Minimum Freeboard above EDF	1.0 m	Selected by AtkinsRéalis as per MELCCFP, 2025
Minimum Freeboard above IDF	Not applicable (no dam embankment)	AtkinsRéalis
Pond Inflows	Contact Water Pond 1 and 2: ▪ Runoff from the industrial area by gravity	AtkinsRéalis
Pond Outflows	Contact Water Pond 1 and 2: ▪ Pumped to Sedimentation Ponds	AtkinsRéalis
Spillway Details and Dimensions	Not applicable (no dam embankment)	AtkinsRéalis
Minimum offset from pond to an existing waterbody	60 m	MELCCFP, 2025
Return Period for Design Seismic Event	Not applicable (no dam embankment)	AtkinsRéalis
Pond Service Life	To be removed prior to the post-restoration period	As per MRNF, 2024
Industrial Area Diteches	**Not applicable (out of the scope of the mandate)**	**Designed by Gmining**

5.8 Lake 001 Cut-off Dams

Item	Design Criteria and Basis	Reference
Dam Dimensions	Crest Width Upstream Berm: 6m Crest Width Downstream Berm: 6m Minimum Dam crest width: 6 m Berm Slopes (upstream and downstream): 2.5H:1V; Central Berm: 3H:1V	Based on the stability analysis
Dam Crest Elevation	378.4m	After providing 1.5m freeboard from IDF water level (~376.9m)
Dam Hazard Classification	Extreme	Preliminary, selected by AtkinsRéalis, based on CDA, 2013
Dam Class	Class C	Quebec Dam Safety Act, chapter S-3.1.01, r. 1
Return Period for Design Seismic Event	1/10,000 or Maximum Credible Earthquake event for “Extreme” Dam Classification	CDA, 2019; MELCCFP, 2025
Inflow Design Flood (IDF)	Probable Maximum Flood (PMF) based on Probable Maximum Precipitation (PMP). The more critical one of the spring or summer PMF	CDA, 2019; MELCCFP, 2025
Minimum Freeboard	Minimum Freeboard for IDF: 1.5 m	S-3.1.01 - Dam Safety Act
Erosion Protection	Dam is constructed primarily with -450 mm rockfill. No additional erosion protection is provided.	Selected by AtkinsRéalis
Seepage management	Sheet piles	Selected by AtkinsRéalis

5.9 Diversion Channel for Lake 001

Design Flow	Probable Maximum Flood (PMF) based on Probable Maximum Precipitation (PMP) The more critical one of the spring or summer PMF	CDA, 2013
Channel Geometry	Trapezoidal	Selected by AtkinsRéalis
Dimensions	Side slope: 1 H: 1 V, steeper in blasted rock sections	Selected by AtkinsRéalis
Erosion Protection	RipRap lining for ditch in overburden	Selected by AtkinsRéalis
Minimum Freeboard	0.6 m	USACE, 1994 / NCHRP, 2006

5.10 Seismic Design Criteria

Site Class	Class D	NBCC, 2020
Peak Ground Acceleration (PGA)	0.0642g for 1 in 2,475-year event (HPC: High) 0.1g for 1 in a 10,000-year event (HPC: Extreme)	NBCC, 2020 Extrapolated by AtkinsRéalis from NBCC, 2020. A site-specific hazard assessment is recommended as per MELCCFP, 2025

5.11 Geotechnical Design Basis

Seismic Liquefaction		
Susceptibility	Saturated and near-saturated (S_r > 80%) sand-like soils/tailings.	Selected by AtkinsRéalis
CRR for Sand-like material	Based on (S) SPT method: Boulanger and Idriss (2014) simplified method	Boulanger and Idriss, 2014
Fines Content Correction	Applied only to foundation soil, not to tailings	James, 2009
Factor of Safety against Liquefaction of Tailings and Sand-Like Soils (FOS_{Liq} = CRR/CSR)	FOS_{liq} < 1.0: Liquefiable FOS_{liq} between 1.0 to 1.3: Potentially liquefiable FOS_{liq} > 1.3: Not liquefiable	Selected by AtkinsRéalis
Cyclic softening		
Susceptibility	Saturated and near-saturated (S_r > 80%) clay-like soils meet the following plasticity index (PI) limits: ▪ Clays: PI < 7 ▪ Silts: PI < 12	Idriss and Boulanger, 2008 Bray and Sancio, 2006
CRR for Clay-like material	Based on the simplified method: Idriss and Boulanger (2008) simplified method.	Idriss and Boulanger, 2008
Factor of Safety against Cyclic Softening of Clay-Like Soils (FOS_{cs} = CRR/CSR)	FOS_{cs} < 1.0: Susceptible to cyclic softening	Selected by AtkinsRéalis

5.12 Geotechnical Parameters

Soil Classification	Soils encountered on site, classified according to ASTM D2487-17, Unified Soil Classification System (USCS) are as follows: ▪ ML – Silt/Sandy Silt ▪ SM – Silty Sand/Silty Sand with Gravel ▪ GM – Silty Gravel with Sand/Gravel with Silt and Sand ▪ GW – Gravel	Determined by AtkinsRéalis based on BBA, 2024

Soil Index Properties						
	USCS	ML	SM	GM	GW	Determined by AtkinsRéalis based on BBA, 2024
	Relative Density	Compact	Compact	Dense	Very Dense	
	Friction Angle, ϕ (°)	31	34	38	39	
	Unit Weight, Moist, γ_{moist} (kN/m^3)	18.5	19.0	20.0	20.5	
	Unit Weight, Submerged, $\gamma_{sub.}$ (kN/m^3)	9.5	10.5	11.5	12.5	
	Cohesion, c (kPa)	0	0	0	0	
	Void Ratio, e	0.83	0.56	0.42	0.36	

5.13 Loading and Seepage Conditions

Seepage Model Limits / Boundary Conditions (Lake 001 Cut-off Dam)	Upstream Boundary Condition: Lake 007 EL 373m Downstream Boundary Condition: towards Open Pit	Selected by AtkinsRéalis
Seepage Model Material Parameters	To be determined after analyzing laboratory and field investigation data	TBD

5.14 Geotechnical Design Criteria

Limit Equilibrium Analysis – Minimum Factors of Safety (Lake 001 Cut-off Dam)

Zone	Loading Conditions	Minimum Factor of Safety
Upstream and downstream	Slope stability at the end of each construction phase (short-term)	1.3 to 1.5
Upstream and downstream	Slope stability in the presence of the project flood (short-term)	1.3
Upstream and downstream	Slope stability under stationary conditions (long-term)	1.5
Upstream	Quick drain	1.3
Upstream and downstream	Pseudo-static or dynamic analysis for seismic loading, with filled basin and reduced properties if liquefaction possible	1.1
	(post-seismic value)	(1.3)
Central	Horizontal slippage of the dike under static loading	1.5
Central	Horizontal slippage of dike under liquefaction pressures	1.3
Central	Bearing capacity of soil under fill	1.5

MELCCFP, 2025

Limit Equilibrium Analysis – Minimum Factors of Safety (Stockpiles)

Loading Conditions	Minimum Factor of Safety
Dump/Soil Surface (short-term)	1.0
Dump/Soil Surface (long-term)	1.2
Overall global stability short-term (static), post-construction	1.3 to 1.5
Overall global stability long-term (static)	1.5
Pseudo-static or dynamic analysis for seismic loading	1.1 to 1.3

BCMWRPRC, 1991a
Hawley and Cunning, 2017

Piezometric Conditions	▪ Geotechnical analysis for the current condition is based on readings from the existing piezometers/BHs water level ▪ Geotechnical analysis for ultimate/closure condition is based on seepage analysis results.	Selected by AtkinsRéalis

5.15 Closure

Objectives	▪ Eliminate unacceptable health risks and ensure the safety of persons. ▪ Limit the production and spread of contaminants that may affect the receiving environment and, in the long term, aim to eliminate any form of maintenance and follow-up. ▪ Return the site to a visually acceptable condition. ▪ To remediate the infrastructure site (excluding tailings and tailings accumulation areas) in a state compatible with future use	Based on MRNF, 2024

Minimum safety factor targeted for stability analyses under closure conditions

Loading Condition	Minimum Factors of Safety			Minimum Factors of Safety for this Project (Closure)
	MDDEP (2012)	CDA (2019)	MRNF(2024)	
Static – End of construction	1.3 to 1.5	<1.3	1.3 to 1.5	1,5
Static – Long term (with NPS)	1.5	1.5	1.5	1.5
Static – Design Flood	1.3	-	1.3 to 1.5	1.3
Pseudo-static	1.1	1.0	1.1	1.1
Post-seismic	1.3	1.2	1.3	1.3
Horizontal Sliding (static) (1)	1.5	-	1.5	1.5
Horizontal Sliding (post-liquéfaction) (1)	1.3	-	1.3	1.3
Note : This condition will be included in the stability analysis (composite sliding surfaces)				

MELCCFP, 2025
CDA, 2019
MRNF, 2024

Earthquake Loading	The return interval for the earthquake loading for closure design will be either based on the hazard consequence classification as per CDA (2019) for the active and passive closure phases or as prescribed by MELCCFP (2025) which is 1 in 2,475 years for acid-generating residues (the greater loading shall apply).	CDA, 2019
Hydrotechnical Closure Criteria	MELCCFP (2025) recommends a design flood with a minimum return period of 100 years, for drainage systems with structures without water accumulation, on and around mine sites. Therefore, the following design criteria were adopted in the present study: ▪ The ditches or culverts design flood is generated by a summer-fall rainfall with a 1:100-yr return period. This return period should also be used in the Maintenance Program for the site. ▪ The transformation of rainfall into runoff is based on a conservative runoff coefficient of 1.0. (recommended by MTQ methodology)	MELCCFP, 2025
Vegetative Cover	There are generally no formal criteria for the evaluation of the vegetation management. Vegetation success on the different infrastructures and cover systems contribute to their integrity as it protects the top layers against erosion and contribute to the integration of the site to its surroundings. However, the roots should not penetrate so deeply as to affect the cover system, such as a geomembrane liner. Also, vegetation growth should not lead to blocking the ditches of the site.	AtkinsRealis
Cover System	Stockpile 001 – Waste Rock: A layer of overburden and topsoil Stockpile 002 – Waste Rock: A layer of crushed stone, overlain by a layer of overburden, a 1.5 mm HDPE geomembrane, a geonet, a layer of overburden and topsoil. Alternatively, a layer of compacted clay will be placed onto the waste rock and overlain with topsoil Stockpile 002 – Tailings: A 1.5 mm HDPE geomembrane placed directly onto tailings overlain with a geonet, a layer of overburden and topsoil. Alternatively, a layer of compacted clay will be placed onto the tailings and overlain with topsoil	AtkinsRealis

6. Supplemental Information

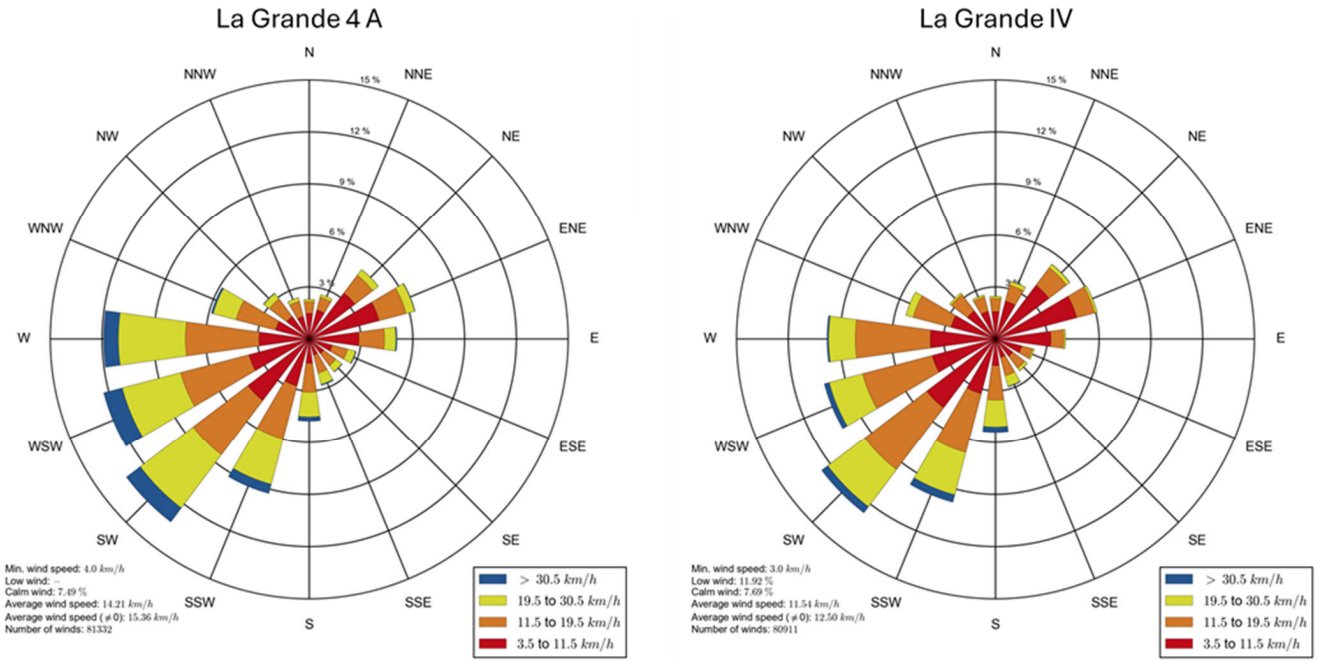


Figure 6-1 Wind Rose plots for La Grande 4 A and La Grande IV stations (established based on wind data from 2014 to 2024) (Provided by Client)

7. References

AtkinsRéalis, 2025, Baseline Hydrology, Document No.: CASN-A-370-HY-REP-001

BBA, 2024a. Technical Report Geotechnical Campaign for Phase 1 Diversion Dams, 7535009-000000-4G-ERA-0001-RAA

BBA, 2024b. Technical Report Geotechnical Campaign for Phase 2 (factual), 7535009-020001-4G-ERA-0003-RAA

BBA, 2024c. Technical Report Factual Report of 2024 Geotechnical Diamond Drill Investigation, CV5 Site, 75350179-000000-4M-ERA-0003-R00

BCMWRPRC ,1991a. Investigation and Design Manual – Interim Guidelines. Mine Rock and Overburden Piles 1. Prepared by Piteau Associates Engineering Ltd, May 1991.

BCMWRPRC, 1991b. Operating and Monitoring Manual – Interim Guidelines. Mine Rock and Overburden Piles 2. Prepared by Klohn Leonoff Ltd, May 1991.

Bray, J.D. and Sancio, R.B., 2006. Assessment of the Liquefaction Susceptibility of Fine-Grained Soils. Journal of Geotechnical and Geoenvironmental Engineering, Volume 132, Issue 9.

Canadian Dam Association (CDA), 2007a. Technical Bulletin: Inundation, Consequences, and Classification for Dam Safety.

Canadian Dam Association (CDA), 2007b. Technical Bulletin: Surveillance of Dam Facilities.

Canadian Dam Association (CDA), 2007c. Technical Bulletin: Flow Control Equipment for Dam Safety.

Canadian Dam Association (CDA), 2007d. Technical Bulletin: Dam Safety Analysis and Assessment.

Canadian Dam Association (CDA), 2007e. Technical Bulletin: Hydrotechnical Considerations for Dam Safety.

Canadian Dam Association (CDA), 2007f. Technical Bulletin: Seismic Hazard Considerations for Dam Safety.

Canadian Dam Association (CDA), 2007g. Technical Bulletin: Geotechnical Considerations for Dam Safety.

Canadian Dam Association (CDA), 2011. Guidelines for Public Safety Around Dams.

Canadian Dam Association (CDA), 2013. Dam Safety Guidelines 2007 (Revised 2013), 2013.

Canadian Dam Association (CDA), 2016. Technical Bulletin: Dam Safety Reviews.

Canadian Dam Association (CDA), 2019. Technical Bulletin: Application of Dam Safety Guidelines to Mining Dams, 2014 (2019 Edition).

Canadian Dam Association (CDA), 2021. Technical Bulletin: Tailings Dam Breach Analysis.

Canadian Dam Association (CDA), 2023. Technical Bulletin: Environmental Consequence Classification.

Card, K. (1986). Geology and Tectonics of the Archean Superior Province, Canadian Shield. Dans Workshop on Early Crustal Genesis: The World's Oldest Rocks (pp. 27-29). LPI Technical Report 86-04.

Dam Safety Act (chapter S-3.1.01), 2024. legisquebec.gouv.qc.ca/en/ShowDoc/cs/S-3.1.01

Dam Safety Regulation (chapter S-3.1.01, r. 1), 2024. legisquebec.gouv.qc.ca/en/ShowDoc/cr/S-3.1.01,20r.201

Federal Emergency Management Agency (FEMA), 2014, Technical Manual: Overtopping Protection for Dams. FEMA P-1015/May 2014

Global Industry Standard on Tailings Management (GISTM), 2020. https://globaltailingsreview.org/global-industry-standard/.

GMining, 2025. Integrated Schedule V2 Mass Balance

Hawley and Cunning, 2017. Guidelines for Mine Waste Dump and Stockpile Design. CSIRO Publishing.

Houle, P., 2004. James Bay Region Central Superior Province (Opatica, Opinaca, Nemiscau, and La Grande Sub Provinces). Dans Report on Mineral Exploration Activities in Quebec 2004 (pp. 9-16).

Idriss, I. M., and Boulanger, R. W., 2008. Soil liquefaction during earthquakes. Monograph MNO-12, Earthquake Engineering Research Institute, Oakland, CA, USA.

Idriss, I. M., and Boulanger, R. W., 2015. 2nd Ishihara Lecture: SPT- and CPT-based relationships for the residual shear strength of liquefied soils. Soil Dynamics and Earthquake Engineering.

James, M., 2009. The use of waste rock inclusions to control the effects of liquefaction in tailings impoundments, Ph.D. Thesis, Université de Montréal, March 2009.

Lucas, S., & St-Onge, M., 1998. Geology of the Precambiran Superior and Grenville Provinces and Precambrian Fossils in North AMerica. Dans Geology of Canada, No. 7, Volume C-1 (Vol. C-1, p. 394). Geological Survey of Canada.

MAC, 2021a. A Guide to the Management of Tailings Facilities, Version 3.2, March 2021, https://mining.ca/wp-content/uploads/dlm_uploads/2021/06/MAC-Tailings-Guide-Version-3-2-March-2021.pdf.

MAC, 2021b. Developing an Operation, Maintenance, and Surveillance Manual for Tailings and Water Management Facilities, Version 2.1, March 2021, https://mining.ca/wp-content/uploads/dlm_uploads/2021/04/MAC-OMS-Guide-March-2021.pdf.

MRNF, 2024. Guide de préparation du plan de réaménagement et de restauration des sites miniers au Québec.

MELCCFP, 2025. Directive 019 sur l'industrie minière, 13 fevrier 2025. Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs, Gouvernement du Québec – 2025. [Accessed in French at: https://www.environnement.gouv.qc.ca/milieu_ind/directive019/directive-019-2025.pdf].

OMNR, 2011, Technical Bulletin for Spillways and Flood Control Structures

Percival, J., 2007. Geology and Metallogeny of the Superior Province, Canada. Dans W. Goodfellow, Mineral Deposits of Canada. A synthesis of major deposit types, district metallogeny, the evolution of geological provinces and exploration methods (pp. 903- 928).

Preliminary Economic Assessment for the Shaakichiuwaanaan Project, PEA 2024. NI 43-101 Technical Report, prepared by BBA, WSP and Primero for Patriot Battery Metals Inc.

U.S. Army Corps of Engineers (USACE), 1994. Engineering and Design Hydraulic Design of Flood Control Channels.

United States Department of the Interior, Bureau of Reclamation (USBR), 1987, Design of Small Dams

United States Department of the Interior, Bureau of Reclamation (USBR), 2021, Design Standards No. 13 Embankment Dams.

United States Department of the Interior, Bureau of Reclamation (USBR), 2022, Design Standards No. 14 Appurtenant Structures for Dams (Spillways and Outlet Works) Design Standard.

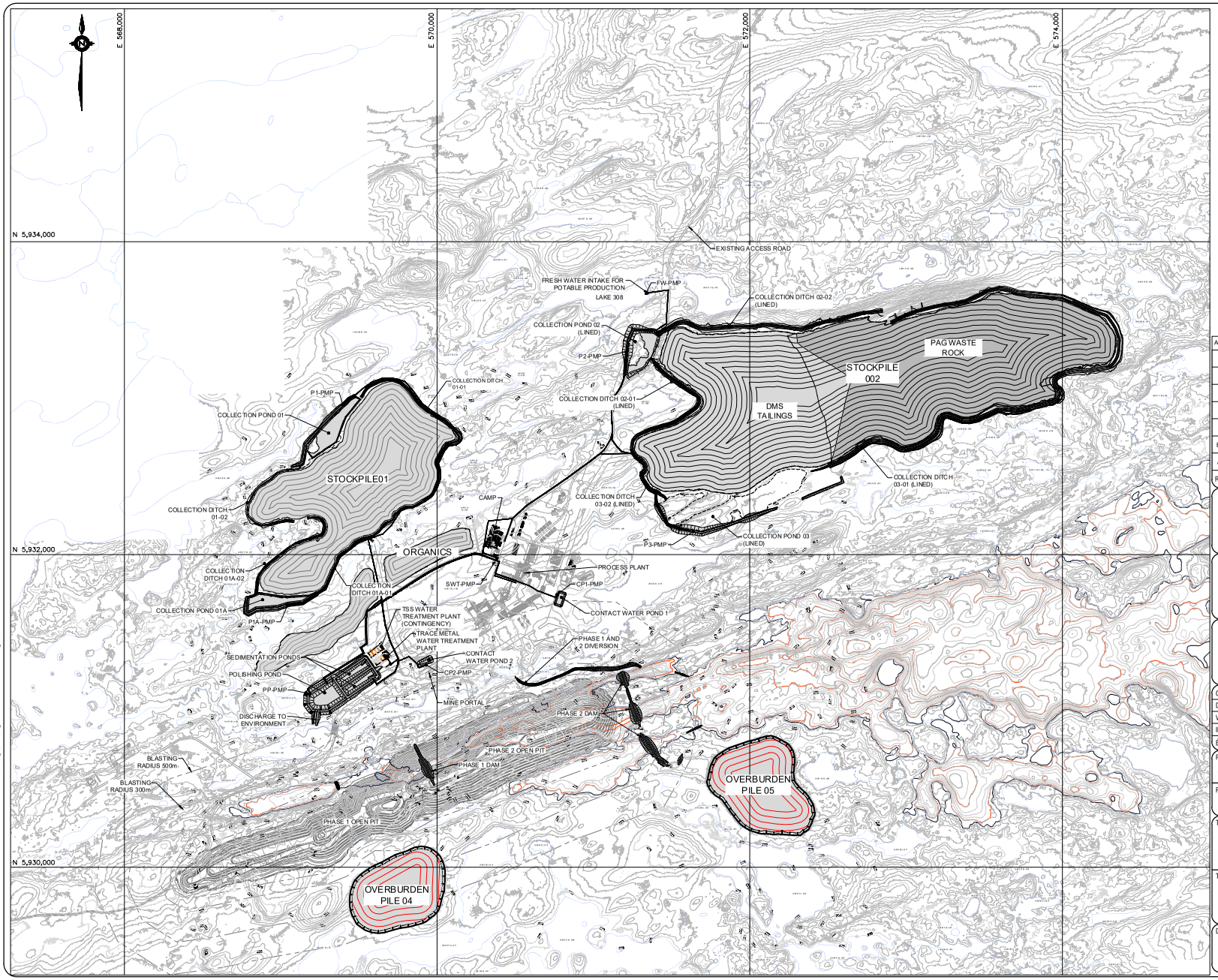
United States Department of the Interior, Bureau of Reclamation (USBR), 1984, Design of Stilling Basins and Energy Dissipators. By A. J. PETERKA. Denver, Colorado.

WSP Canada Inc. 2025. Laboratory Test Results, Test Request # B25-100, Project Number CA0051178.6278

AtkinsRéalis

Appendices

Appendix A Site Location and Layout



REV	DESCRIPTION	PAR BY	ING ENG	DATE
B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12

ATKINSRÉALIS DOC#: 702381-0000-4GDD01-0001

CONCEPTEUR/DESIGN: A. COGULET	25-07-28
DESSINATEUR/DRAWN: M. SYKES	25-07-28
VÉRIFIÉ PAR/CHECKED: P. ADDIS	25-07-28
INGÉNIEUR/ENGINEER: B. MORRISSETTE	25-07-28
ÉCHELLE/SCALE: 1:11,000	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
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TITLE
WATER MANAGEMENT
GENERAL ARRANGEMENT
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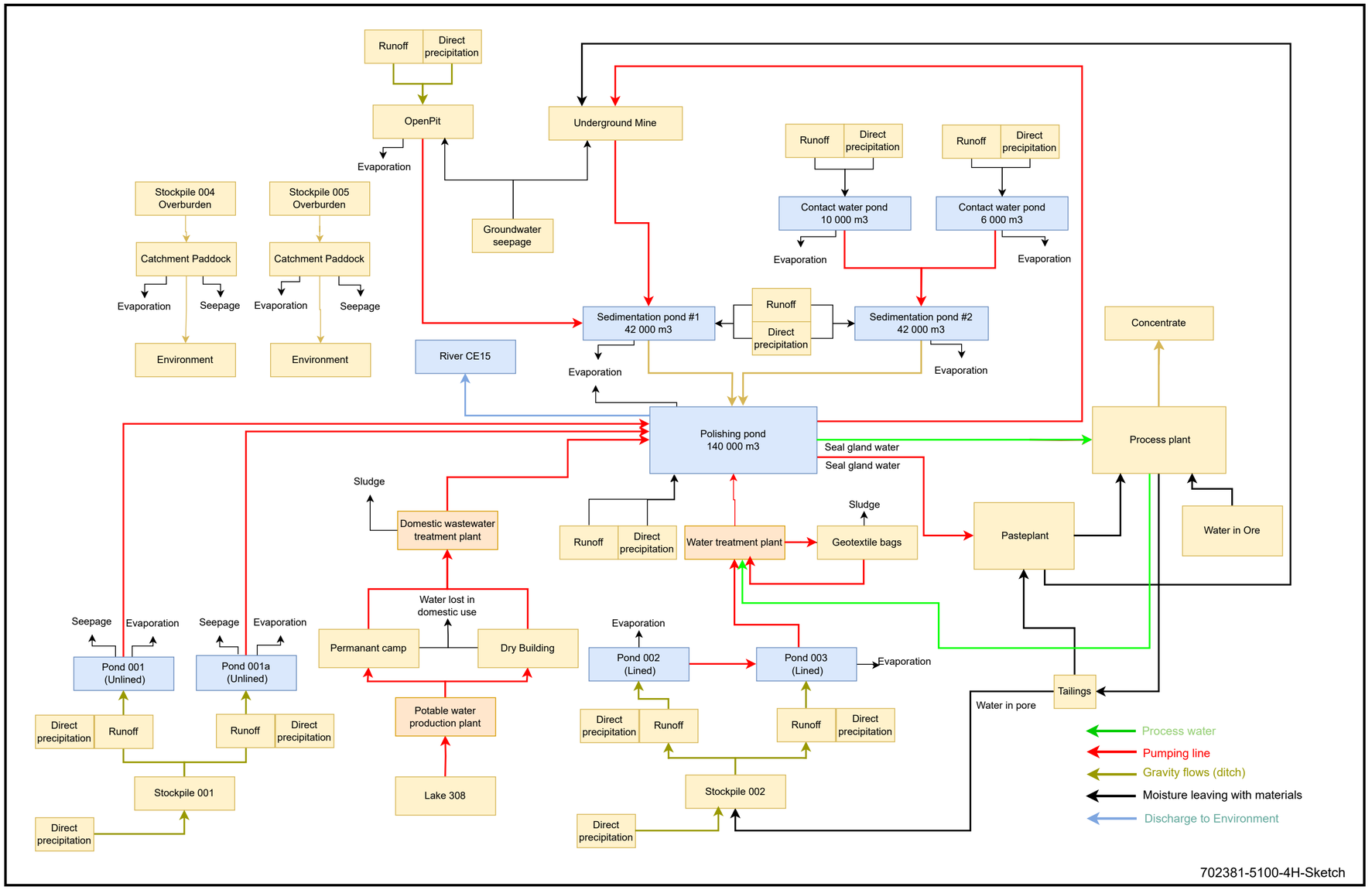
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ATKINSRÉALIS - Sensitive

Appendix B Drawings


Runoff
Direct precipitation
OpenPit
Evaporation
Underground Mine
Groundwater seepage
Stockpile 004 Overburden
Stockpile 005 Overburden
Catchment Paddock
Catchment Paddock
Evaporation
Seepage
Evaporation
Seepage
Environment
Environment
Runoff
Direct precipitation
Contact water pond 10 000 m3
Runoff
Direct precipitation
Contact water pond 6 000 m3
Evaporation
Evaporation
Sedimentation pond #1 42 000 m3
Runoff
Direct precipitation
Sedimentation pond #2 42 000 m3
Evaporation
Evaporation
River CE15
Concentrate
Polishing pond 140 000 m3
Process plant
Seal gland water
Seal gland water
Sludge
Domestic wastewater treatment plant
Runoff
Direct precipitation
Water treatment plant
Sludge
Geotextile bags
Pasteplant
Water in Ore
Water lost in domestic use
Seepage
Evaporation
Seepage
Evaporation
Permanant camp
Dry Building
Evaporation
Pond 002 (Lined)
Pond 003 (Lined)
Evaporation
Pond 001 (Unlined)
Pond 001a (Unlined)
Potable water production plant
Tailings
Water in pore
Direct precipitation
Runoff
Runoff
Direct precipitation
Direct precipitation
Runoff
Runoff
Direct precipitation
Stockpile 001
Lake 308
Stockpile 002
Direct precipitation
Process water
Pumping line
Gravity flows (ditch)
Moisture leaving with materials
Discharge to Environment
702381-5100-4H-Sketch

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CV24-537
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CV24-780
CV24-782
CV24-772
CV24-770
CV24-775
CV24-541
CV24-530
CV24-527
CV24-542
CV24-528
CV24-556
CV24-562
CV24-533
CV24-606
CV24-787
CV24-785
CV24-784
CV24-534
CV24-786

P1-P
P2-P
P3-P
FW-P
CP1-P
CP2-P
PP-P
P1A-PMP
SWT-PMP

EXISTING ACCESS ROAD
FRESH WATER INTAKE FOR POTABLE PRODUCTION
LAKE 308
COLLECTION DITCH 02-02 (LINED)
COLLECTION POND 02 (LINED)
COLLECTION DITCH 02-01 (LINED)
COLLECTION DITCH 01-01
COLLECTION POND 01
COLLECTION DITCH 03-01 (LINED)
COLLECTION DITCH 03-02 (LINED)
COLLECTION POND 03 (LINED)
COLLECTION DITCH 01A-01
COLLECTION DITCH 01A-02
COLLECTION POND 01A
CAMP
PROCESS PLANT
CONTACT WATER POND 1
CONTACT WATER POND 2
TSS WATER TREATMENT PLANT (CONTINGENCY)
TRACE METAL WATER TREATMENT PLANT
PHASE 1 AND 2 DIVERSION CHANNEL
CONNECTION CHANNEL
SEDIMENTATION PONDS
POLISHING POND
DISCHARGE TO ENVIRONMENT
EAST PIT
EAST PIT DAMS
WEST PIT DAM
WEST PIT
SEDIMENT CONTROL DAM 1
SEDIMENT CONTROL DAM 2
BLASTING RADIUS 500m
BLASTING RADIUS 300m

PAG WASTE ROCK
STOCKPILE 002
DMS TAILINGS
STOCKPILE01
ORGANICS PILE 01
ORGANICS PILE 02
OVERBURDEN PILE 05
OVERBURDEN PILE 04

NOTES

1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

LEGEND

CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION

OBSERVATION WELL

SURFACE GEOLOGY LEGEND

- ORGANICS
- DRUMLINS
- STABILIZED AEOLIAN
- FLUVIOGLACIAL
- FLUVIOGLACIAL LANDFORM
- FLUVIOGLACIAL WITH ESKER
- DECAY MORAINE
- ROGEN MORAINE (RIBBED MORAINE)
- ABLATION TILL
- UNDIFFERENTIATED TILL
- ROCK
- BARE ROCK

0 200 400 600m

200 SCALE= 1:10,000

ATKINSRÉALIS DOC#: 702381-0000-4GDD01-0002

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25/09/10
B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN: A. COGULET	25-09-10
DESSINATEUR/DRAWN: M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED: P. ADDIS	25-09-10
INGÉNIEUR/ENGINEER: B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE: 1:10,000	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

TITLE
WATER MANAGEMENT
SITE GEOLOGY
-
-

DESSIN NUM./DRAWING NO.: CASN - A

001 - GO - DWG - 0001 - C
AREA DISC. TYPE SEQ. REV.

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PAPER SIZE FORMAT: A1

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E 570,000
E 572,000
E 574,000
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N 5,932,000
N 5,930,000

EXISTING ACCESS ROAD
FRESH WATER INTAKE FOR POTABLE PRODUCTION LAKE 308
FW-P
COLLECTION DITCH 02-02 (LINED)
COLLECTION POND 02 (LINED)
P2-P
PROPOSED SPILLWAY LOCATION (TYP.)
P1-P
COLLECTION DITCH 01-01
COLLECTION POND 01
COLLECTION DITCH 02-01 (LINED)
PAG WASTE ROCK
STOCKPILE 002
DMS TAILINGS
STOCKPILE01
COLLECTION DITCH 03-01 (LINED)
CAMP
COLLECTION DITCH 03-02 (LINED)
COLLECTION DITCH 01-02
P3-P
COLLECTION POND 03 (LINED)
ORGANICS PILE 01
COLLECTION DITCH 01A-01
PROCESS PLANT
SWT-P
CP1-P
COLLECTION DITCH 01A-02
CONTACT WATER POND 1
COLLECTION POND 01A
TSS WATER TREATMENT PLANT (CONTINGENCY)
ORGANICS PILE 02
P1A-P
DIVERSION CHANNEL
TRACE METAL WATER TREATMENT PLANT
SEDIMENTATION PONDS
CONTACT WATER POND 2
CP2-P
POLISHING POND
PP-P
CONNECTION CHANNEL
DIFFUSER
DISCHARGE TO ENVIRONMENT
EAST PIT
EAST PIT DAMS
BLASTING RADIUS 500m
WEST PIT DAM
BLASTING RADIUS 300m
SEDIMENT CONTROL DAM 1
SEDIMENT CONTROL DAM 2
OVERBURDEN PILE 05
WEST PIT
OVERBURDEN PILE 04

NOTES

1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

0 200 400 600m
200 SCALE= 1:10,000

ATKINSRÉALIS DOC#: 702381-0000-4GDD01-0001

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25/09/10
B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN: A. COGULET	25-09-10
DESSINATEUR/DRAWN: M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED: P. ADDIS	25-09-10
INGÉNIEUR/ENGINEER: B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE: 1:10,000	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

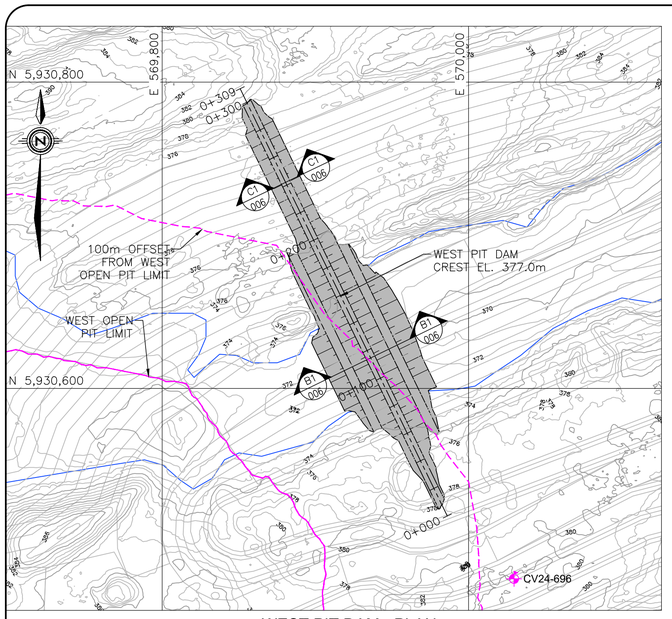
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TITLE
WATER MANAGEMENT
GENERAL ARRANGEMENT
-
-

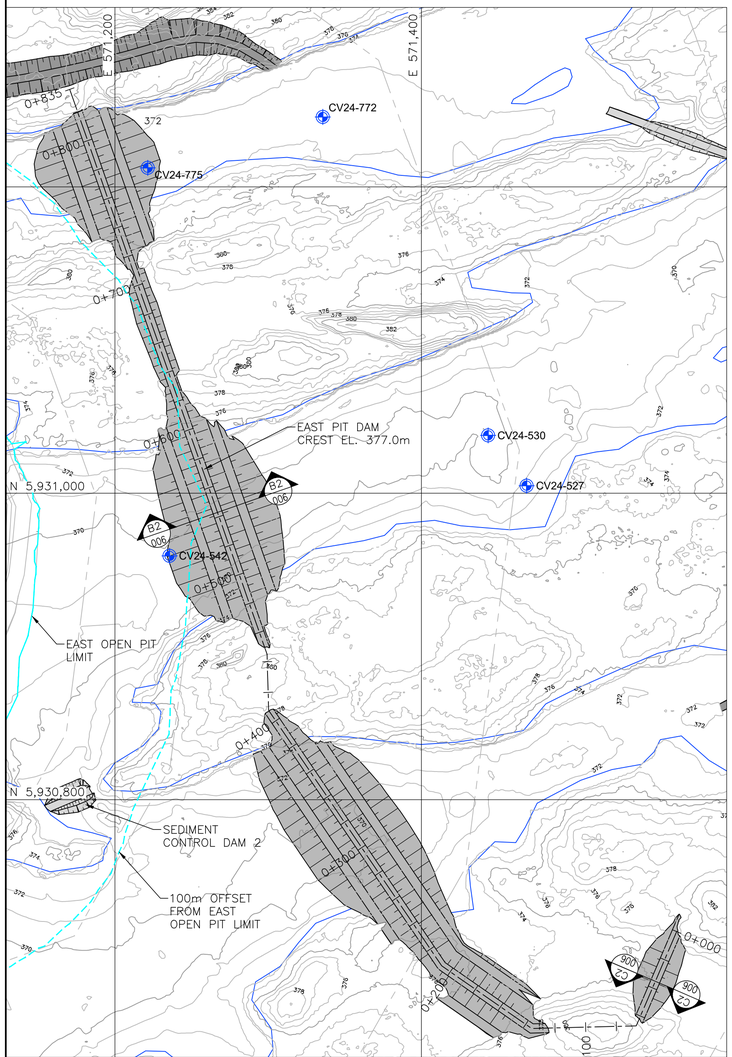
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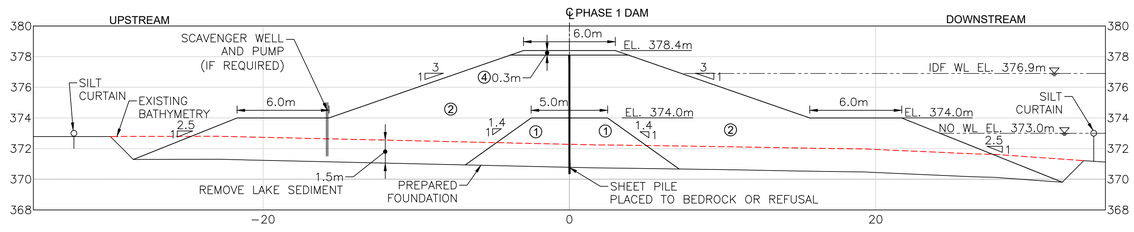
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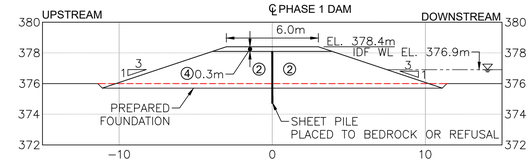
WEST PIT DAM - PLAN
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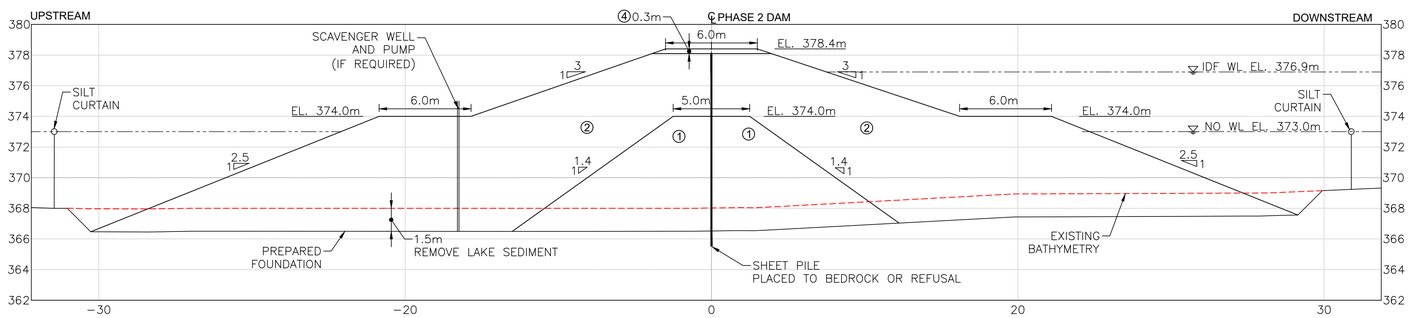
EAST PIT DAMS - PLAN
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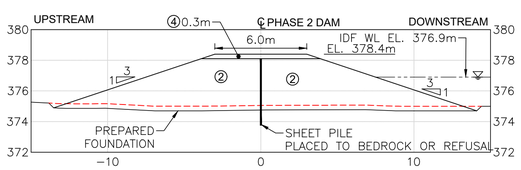
SECTION B1
WEST PIT DAM
SCALE=1:200



SECTION C1
WEST PIT DAM
SCALE=1:200



SECTION B2
EAST PIT DAM
SCALE=1:200



SECTION C2
EAST PIT DAM
SCALE=1:200

NOTES

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2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

LEGEND

CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION

OBSERVATION WELL

MATERIALS

(1) CRUSHED STONE (-75mm)
(2) WASTE ROCK (-450mm)
(3) TILL / SAND BENTONITE CEMENT FILL
(4) GRANULAR B TYPE II
(5) FILTER / BEDDING SAND (-4.75mm)
(6) TRANSITION SAND AND GRAVEL (-26.5mm)
(7) RIP-RAP EROSION PROTECTION
(8) SAND / SILT (OVERBURDEN)
(9) CLEAR STONE (-19mm)
(G1) NON-WOVEN GEOTEXTILE (500g/m²)
(G2) NON-WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
(GL) 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE

0 40 80 120m
SCALE= 1:2000

0 4 8 12m
SCALE= 1:200

ATKINSRÉALIS #: 702381-0000-4GDD00-0008

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25/09/10
B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN:	P. ADDIS	25-09-10
DESSINATEUR/DRAWN:	M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED:	R. ALAM	25-09-10
INGÉNIEUR/ENGINEER:	B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE:	AS SHOWN	DATE

PROJET/PROJECT:

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

TITLE
DYKES AND DIVERSION FOR LAKE 001
PLAN, SECTIONS AND DETAILS
-
-

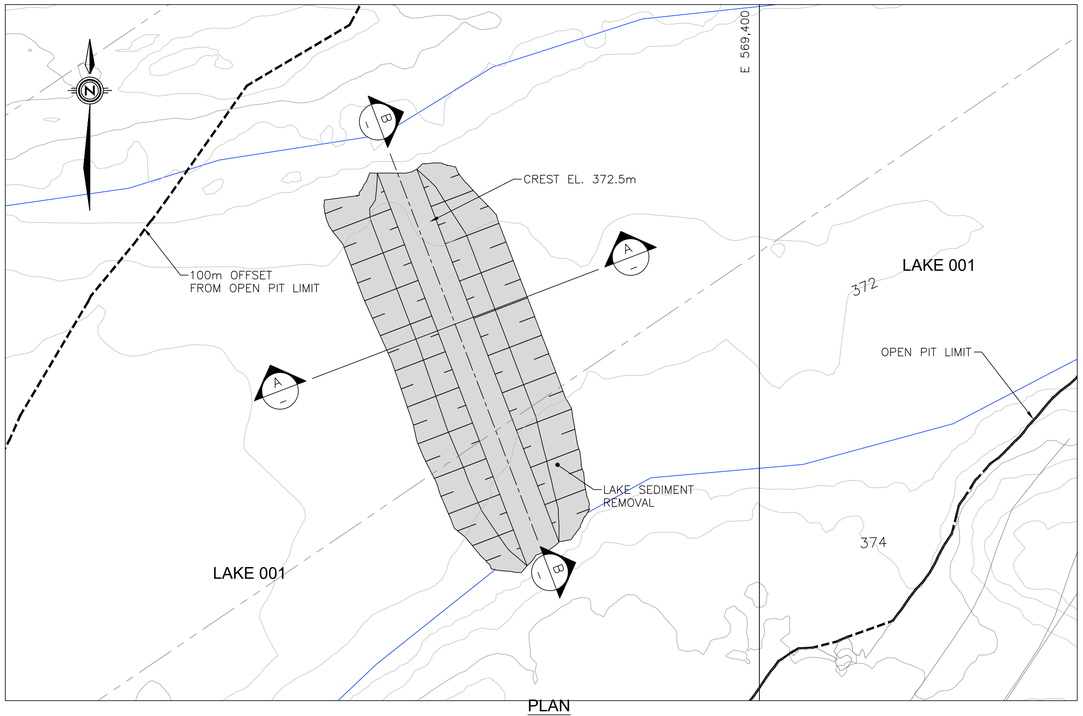
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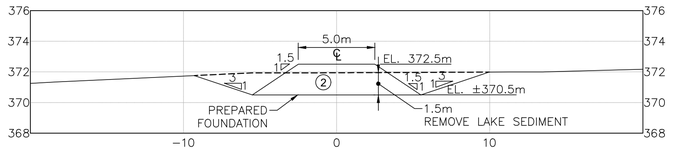
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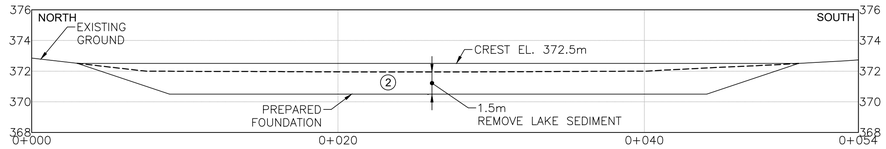
PAPER SIZE FORMAT : A1



PLAN
SEDIMENT CONTROL DAM 1
SCALE=1:500



SECTION A
SCALE=1:200



SECTION B
SCALE=1:200

NOTES

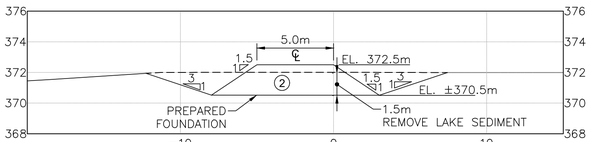
1. THE CO−ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO−ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.
3. STRIP LAKE SEDIMENT CONSISTS OF LOOSE SANDY SILT (ML) AND SILTY SAND (SM)

0 10 20 30m
SCALE= 1:500

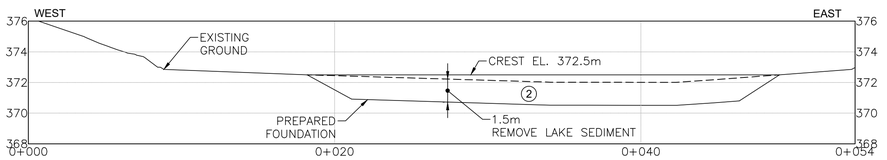
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ATKINSRÉALIS #: 702381-0000-4GDD00-0009

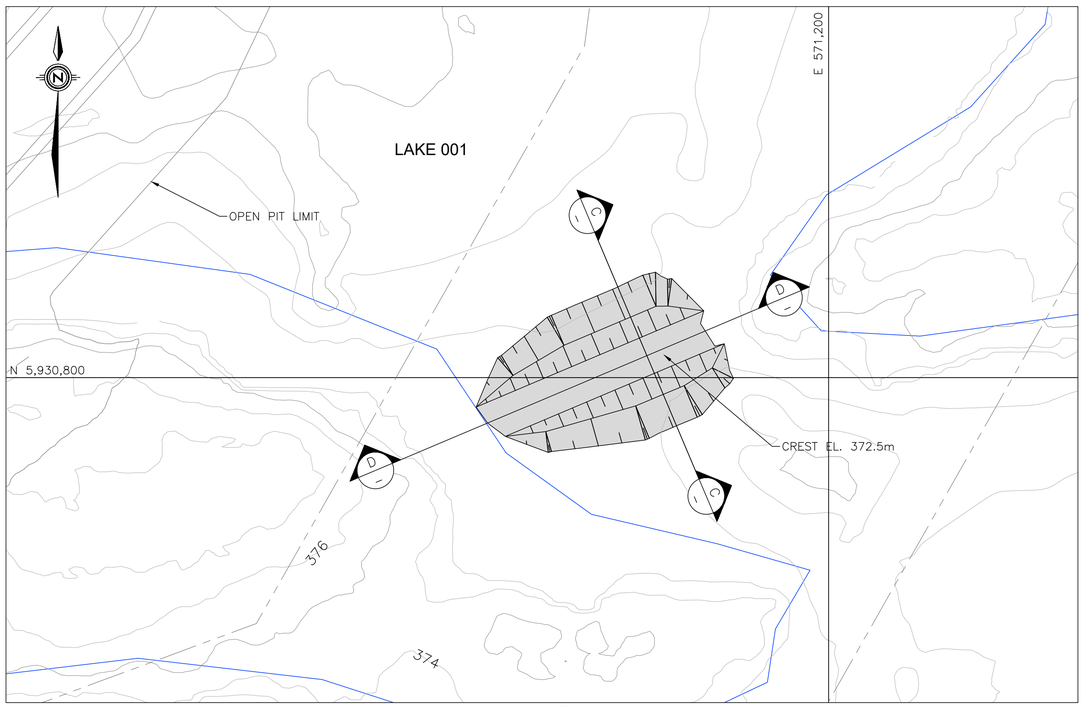
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B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12



SECTION C
SCALE=1:200



SECTION D
SCALE=1:200



PLAN
SEDIMENT CONTROL DAM 2
SCALE=1:400

MATERIALS

1. CRUSHED STONE (−75mm)
2. WASTE ROCK (−450mm)
3. TILL / SAND BENTONITE CEMENT FILL
4. GRANULAR B TYPE II
5. FILTER / BEDDING SAND (−4.75mm)
6. TRANSITION SAND AND GRAVEL (−26.5mm)
7A. RIP−RAP EROSION PROTECTION (D_{50}=200mm)
7B. RIP−RAP EROSION PROTECTION (D_{50}=300mm)
7C. RIP−RAP EROSION PROTECTION (D_{50}=400mm)
8. SAND / SILT (OVERBURDEN)
9. CLEAR STONE (−19mm)
G1. NON−WOVEN GEOTEXTILE (500g/m²)
G2. NON−WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
GL. 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN: R. ALAM	
DESSINATEUR/DRAWN: D. KRASNOV	25-05-20
VÉRIFIÉ PAR/CHECKED: P. ADDIS	
INGÉNIEUR/ENGINEER: B. MORRISSETTE	
ÉCHELLE/SCALE: AS SHOWN	DATE

PROJET/PROJECT:

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

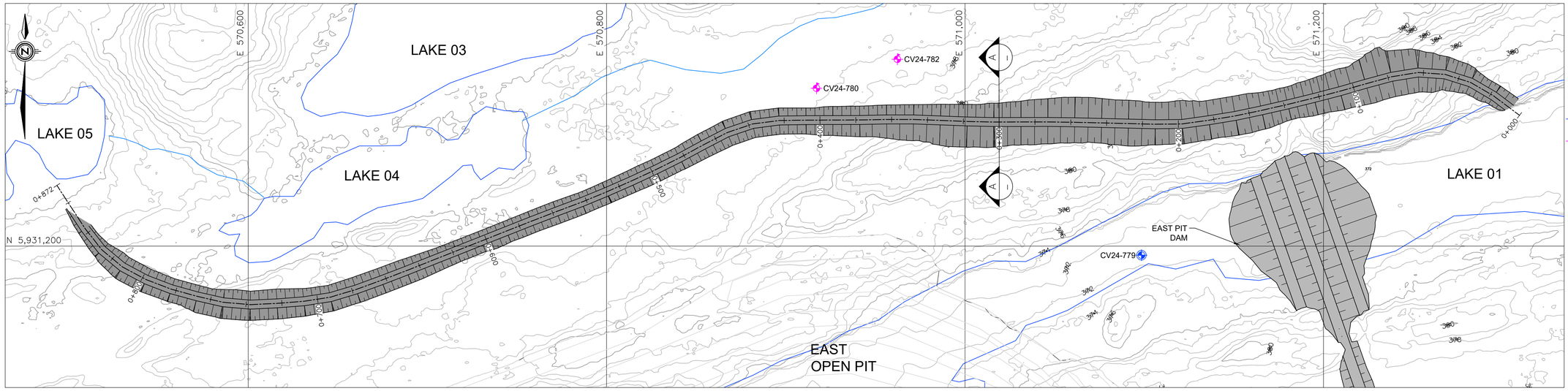
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SEDIMENT CONTROL DAM
FOR DEWATERED LAKE FOOTPRINT
PLAN AND SECTION
-

DESSIN NUM./DRAWING NO.: CASN - A

327 - WM - DWG - 0002 - C
AREA DISC. TYPE SEQ. REV.

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PAPER SIZE FORMAT : A1



PLAN
SCALE=1:1250

NOTES

1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

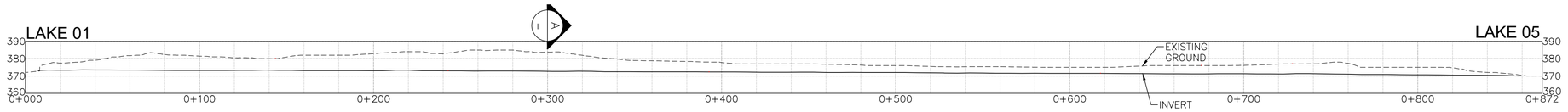
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- CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION
- OBSERVATION WELL

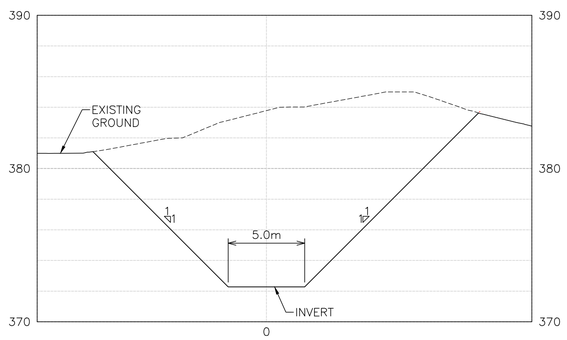
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0 25 50 75m
SCALE= 1:1250

0 4 8 12m
SCALE= 1:200



PROFILE ALONG DIVERSION CHANNEL CENTERLINE
SCALE=1:1500



SECTION A
SCALE=1:200

MATERIALS

1. CRUSHED STONE (-75mm)
2. WASTE ROCK (-450mm)
3. TILL / SAND BENTONITE CEMENT FILL
4. GRANULAR B TYPE II
5. FILTER / BEDDING SAND (-4.75mm)
6. TRANSITION SAND AND GRAVEL (-26.5mm)
7A. RIP-RAP EROSION PROTECTION (D_{50}=200mm)
7B. RIP-RAP EROSION PROTECTION (D_{50}=300mm)
7C. RIP-RAP EROSION PROTECTION (D_{50}=400mm)
8. SAND / SILT (OVERBURDEN)
9. CLEAR STONE (-19mm)
G1. NON-WOVEN GEOTEXTILE (500g/m²)
G2. NON-WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
GL. 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE

ATKINSRÉALIS #: 702381-0000-4GDD00-0010

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25/09/10
B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN:	R. ALAM	25-09-10
DESSINATEUR/DRAWN:	M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED:	P. ADDIS	25-09-10
INGÉNIEUR/ENGINEER:	B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE:	AS SHOWN	DATE

PROJET/PROJECT:

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
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-
-

TITLE
DIVERSION DITCH

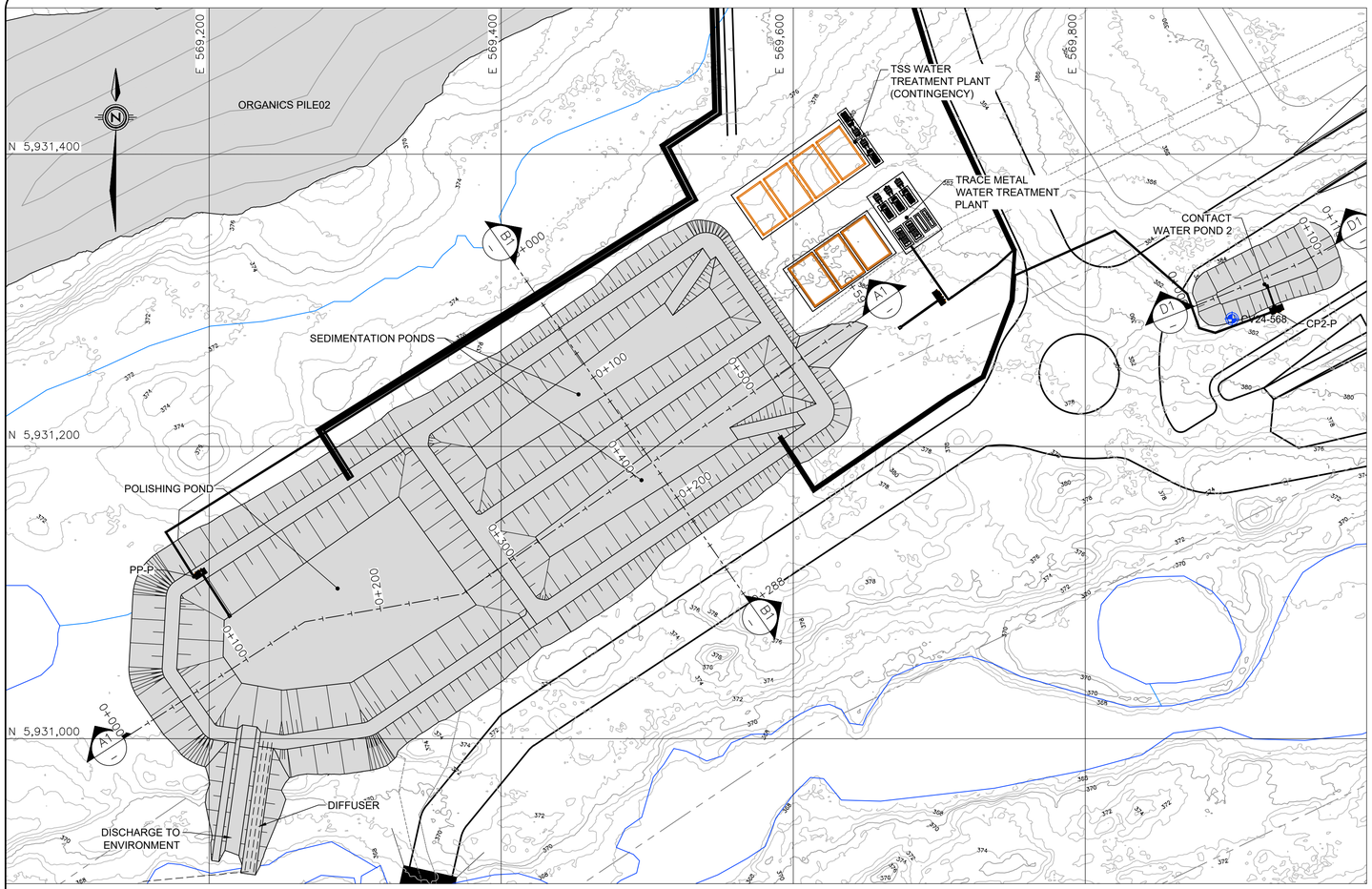
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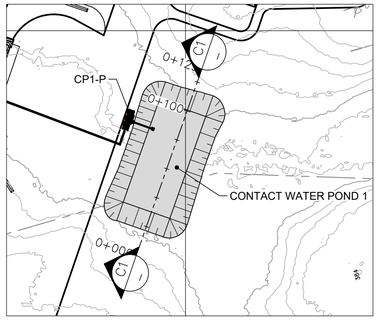
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PAPER SIZE FORMAT : A1



WATER MANAGEMENT PONDS - PLAN
SCALE=1:2000



WATER MANAGEMENT PONDS - PLAN
SCALE=1:2000

NOTES

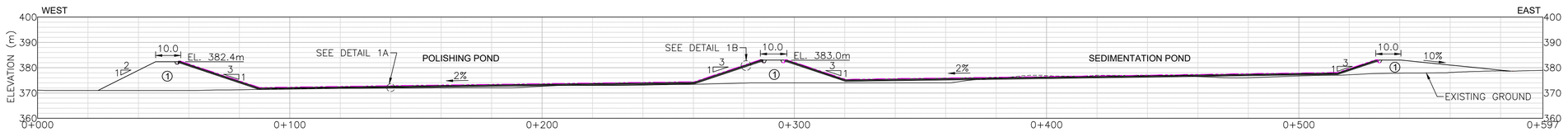
1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LIDAR SURVEY FROM PATRIOT LIDAR DATED OCT 11, 2022.

LEGEND

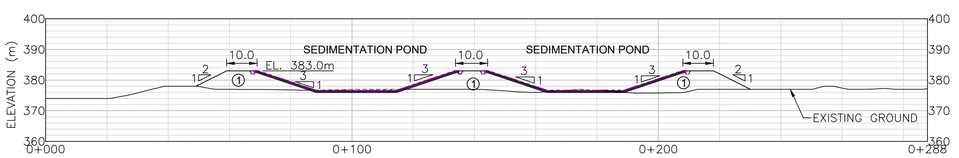
- CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION
- OBSERVATION WELL

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SCALE= 1:2000

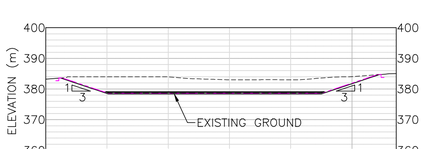
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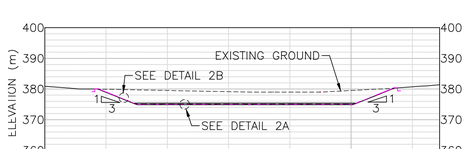
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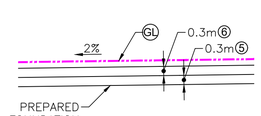
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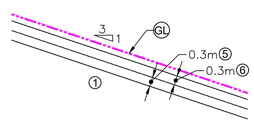
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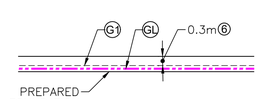
SECTION A1
SCALE=1:1000



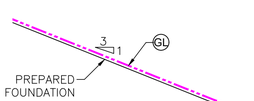
DETAIL 1A
WATER MANAGEMENT POND FLOOR
SCALE=1:100



DETAIL 1B
WATER MANAGEMENT POND SLOPE
SCALE=1:100



DETAIL 2A
CONTACT WATER POND FLOOR
SCALE=1:100



DETAIL 2B
CONTACT WATER POND SLOPE
SCALE=1:100

MATERIALS

1. CRUSHED STONE (-75mm)
2. WASTE ROCK (-450mm)
3. TILL / SAND BENTONITE CEMENT FILL
4. GRANULAR B TYPE II
5. FILTER / BEDDING SAND (-4.75mm)
6. TRANSITION SAND AND GRAVEL (-26.5mm)
7A. RIP-RAP EROSION PROTECTION (D_{50}=200mm)
7B. RIP-RAP EROSION PROTECTION (D_{50}=300mm)
7C. RIP-RAP EROSION PROTECTION (D_{50}=400mm)
8. SAND / SILT (OVERBURDEN)
9. CLEAR STONE (-19mm)
G1. NON-WOVEN GEOTEXTILE (500g/m²)
G2. NON-WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
GL. 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE

ATKINSRÉALIS #: 702381-0000-4GDD00-0011

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25/09/10
B	CLIENT REVIEW / COMMENT	A.C.	B.M.	25/07/28
A	INTERNAL REVIEW	A.C.	B.M.	25/04/12

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN:	P. ADDIS	25-09-10
DESSINATEUR/DRAWN:	M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED:	R. ALAM	25-09-10
INGÉNIEUR/ENGINEER:	B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE:	AS SHOWN	DATE

PROJET/PROJECT:

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

TITLE
WATER TREATMENT PONDS
PLANS, SECTIONS AND DETAILS
-
-

DESSIN NUM./DRAWING NO.: CASN - A

320 - WM - DWG - 0004 - C
AREA DISC. TYPE SEQ. REV.

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PAPER SIZE FORMAT: A1

E 568,000
E 569,000
E 570,000
E 571,000
N 5,933,000
N 5,932,000

LAKE 334 EL. ±375
LAKE 300 EL. ±373
LAKE 309 EL. ±376
LAKE 301 EL. ±374
LAKE 305 EL. ±380
LAKE 302 EL. ±376
LAKE 306 EL. ±392
LAKE 605 EL. ±365
LAKE 223 EL. ±36
LAKE 219 EL. ±389
LAKE 217 EL. ±377
LAKE 216 EL. ±377
LAKE 215 EL. ±370
LAKE 218 EL. ±367
LAKE 212 EL. ±371
LAKE 10 EL. ±366
LAKE 12 EL. ±380
LAKE 03 EL. ±374
LAKE 05 EL. ±370
LAKE 04 EL. ±374
LAKE 06 EL. ±370
LAKE 09 EL. ±369
LAKE 07 EL. ±367
LAKE 01 EL. ±373

PROPOSED SPILLWAY LOCATION (TYP.)
COLLECTION DAM 1 CREST EL. 373.0m
COLLECTION DAM 1A CREST EL. 378.0m
COLLECTION DITCH 01-01
COLLECTION DITCH 01-02
STOCKPILE01
ORGANICS PILE 01
ORGANICS PILE 02
3.25H:1V (AVG. GLOBAL SLOPE)
3.25H:1V
5H:1V
SEDIMENTATION PONDS
POLISHING POND
DIFFUSER
TSS WATER TREATMENT PLANT (CONTINGENCY)
TRACE METAL WATER TREATMENT PLANT
CONTACT WATER POND 1
CONTACT WATER POND 2
PROCESS PLANT
CAMP

CV24-557
CV24-658
CV24-656
CV24-665
CV24-670
CV24-653
CV24-560
CV24-580
CV24-553
CV24-552
CV24-548
CV24-673
CV24-547
CV24-562
CV24-544
CV24-729
CV24-657
CV24-537
CV24-782
CV24-780
CV24-779

0+000
0+200
0+400
0+600
0+800
0+862

NOTES

1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

LEGEND

- CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION
- OBSERVATION WELL

ATKINSRÉALIS #: 702381-0000-4GDD00-0003

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25-09-10
B	ISSUED FORCLIENT REVIEW	P.A.	B.M.	25-04-10
A	ISSUED FOR INTERNAL REVIEW	P.A.	B.M.	25-01-10

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN:	P. ADDIS	25-09-10
DESSINATEUR/DRAWN:	M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED:	R. ALAM	25-09-10
INGÉNIEUR/ENGINEER:	B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE:	1:5,000	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

TITLE
STOCKPILE 001, ORGANICS PILES AND WATER MANAGEMENT AT INDUSTRAIL AREA PLAN
-

DESSIN NUM./DRAWING NO.: CASN - A

370	GT	DWG	0001	C
AREA	DISC.	TYPE	SEQ.	REV.

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NOTES

1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

LEGEND

CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION

OBSERVATION WELL

0 100 200 300m

100 SCALE= 1:5000

ATKINSRÉALIS #: 702381-0000-4GDD00-0004

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	P.A.	B.M.	25-09-10
B	ISSUED FOR PROJECT REVIEW/APPROVAL/COMMENTS	P.A.	B.M.	25-01-24
A	ISSUED FOR INTERNAL REVIEW	P.A.	B.M.	25-01-10

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN: P. ADDIS	25-09-10
DESSINATEUR/DRAWN: M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED: R. ALAM	25-09-10
INGÉNIEUR/ENGINEER: B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE: 1:5,000	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

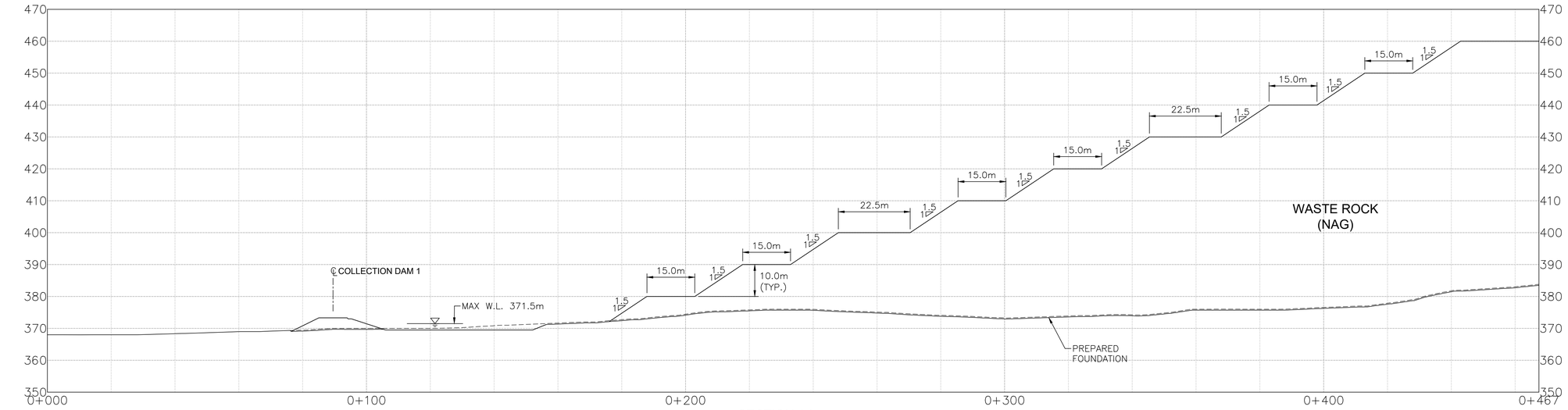
TITLE
STOCKPILE 002
PLAN
-
-

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AREA DISC. TYPE SEQ. REV.

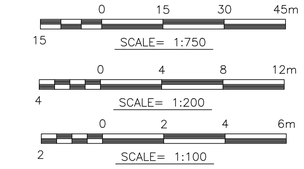
E 572,000 E 573,000 E 574,000
N 5,934,000 N 5,933,000 N 5,932,000

ACCESS ROAD
COLLECTION POND 02 CREST 393.0m (LINED)
CULVERT
COLLECTION DITCH 02-02 (LINED)
COLLECTION DITCH 03-01 (LINED)
COLLECTION DITCH 02-01 (LINED)
COLLECTION DITCH 03-02 (LINED)
COLLECTION POND 03 CREST EL 391.2m (LINED)
TAILINGS (LINED)
PAG (LINED)
PROPOSED SPILLWAY LOCATION (TYP.)
3.25H:1V
3.25H:1V (AVG GLOBAL SLOPE)
388.5m
EL 410 EL 420 EL 430 EL 440 EL 450 EL 460 EL 470 EL 480 EL 490 EL 500 EL 510
CV24-568 CV24-569 CV24-570 CV24-571 CV24-572 CV24-573 CV24-574 CV24-575 CV24-576 CV24-577 CV24-578 CV24-634 CV24-640 CV24-640A CV24-647 CV24-649 CV24-774 CV24-776 CV23-186
LAKE01

PAPER SIZE FORMAT : A1



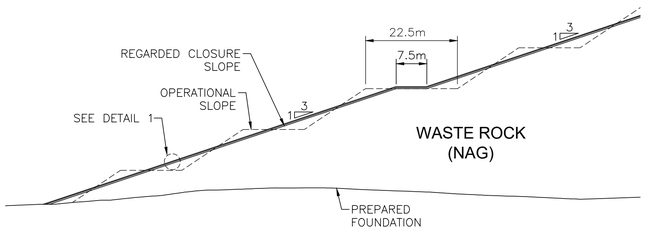
SECTION A1
STOCKPILE01 WASTE ROCK - OPERATION
SCALE=1:750



MATERIALS

1. CRUSHED STONE (−75mm)
2. WASTE ROCK (−450mm)
3. TILL / SAND BENTONITE CEMENT FILL
4. GRANULAR B TYPE II
5. FILTER / BEDDING SAND (−4.75mm)
6. TRANSITION SAND AND GRAVEL (−26.5mm)
7. RIP−RAP EROSION PROTECTION
8. SAND / SILT (OVERBURDEN)
9. CLEAR STONE (−19mm)

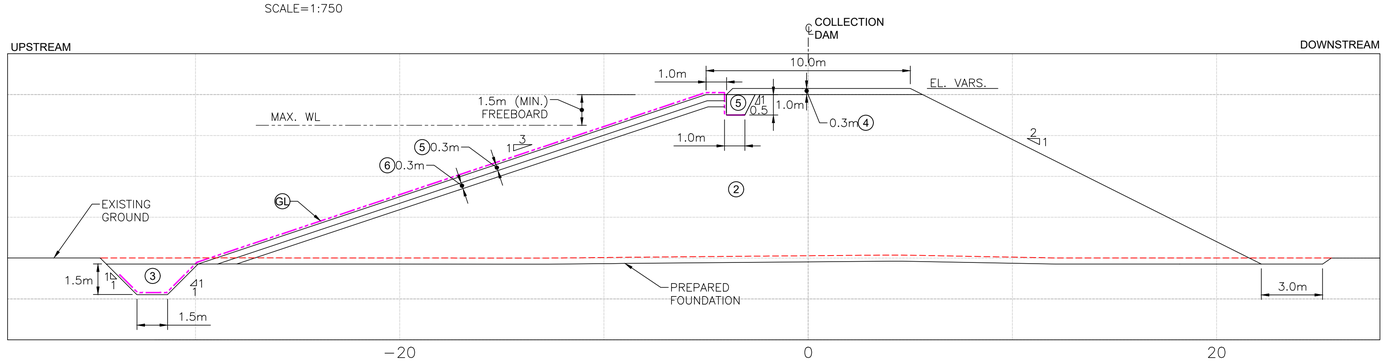
G1. NON−WOVEN GEOTEXTILE (500g/m²)
G2. NON−WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
GL. 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE



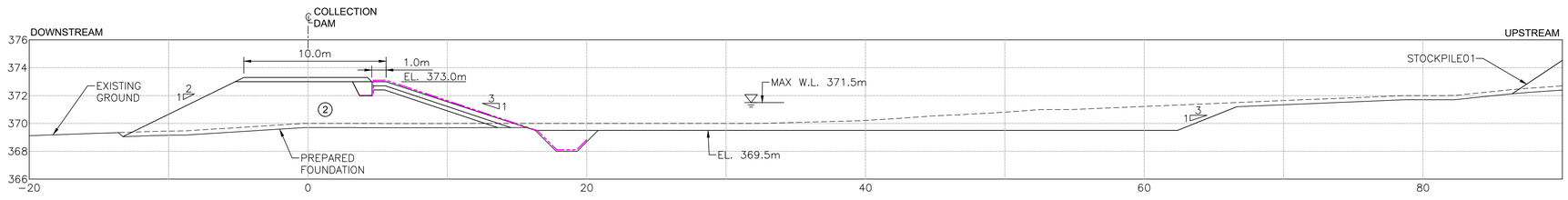
TYPICAL STOCKPILE01 SECTION
CLOSURE
SCALE=1:750



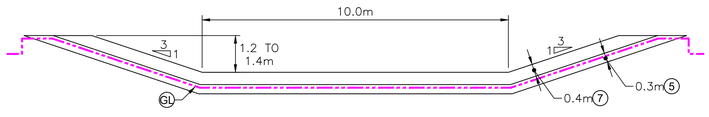
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CLOSURE
SCALE=1:100



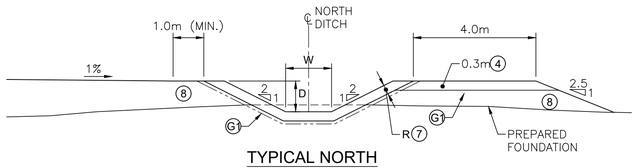
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POND 1 AND 1A
SCALE=1:150



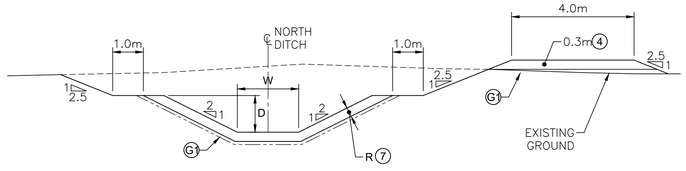
TYPICAL COLLECTION POND DAM SECTION
POND 1
SCALE=1:200



TYPICAL SPILLWAY SECTION
SCALE=1:100



TYPICAL NORTH
COLLECTION DITCH
SCALE=1:100



TYPICAL NORTH
COLLECTION DITCH
SCALE=1:100

DITCH	CHAINAGE START	CHAINAGE END	WIDTH (W)	DEPTH (D)	RIPRAP THICKNESS (R)
01−01	1+482	0+910	1.5 m	1.2 m	300 mm
	0+910	0+718			450 mm
	0+718	0+688			300 mm
	0+688	0+000	2.0 m	1.0 m	
01−02	0+000	0+846	1.5 m	1.0 m	300 mm
01A−01	0+000	1+068	2.0 m	1.0 m	300 mm
01A−02	0+000	0+863	1.5 m	1.0 m	300 mm

ATKINSRÉALIS #: 702381-0000-4GDD00-0005

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25-09-10
B	ISSUED FORCLIENT REVIEW	P.A.	B.M.	25-04-10
A	ISSUED FOR INTERNAL REVIEW	P.A.	B.M.	25-01-10

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN:	P. ADDIS	25-09-10
DESSINATEUR/DRAWN:	M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED:	R. ALAM	25-09-10
INGÉNIEUR/ENGINEER:	B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE:	AS SHOWN	DATE

PROJET/PROJECT:

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

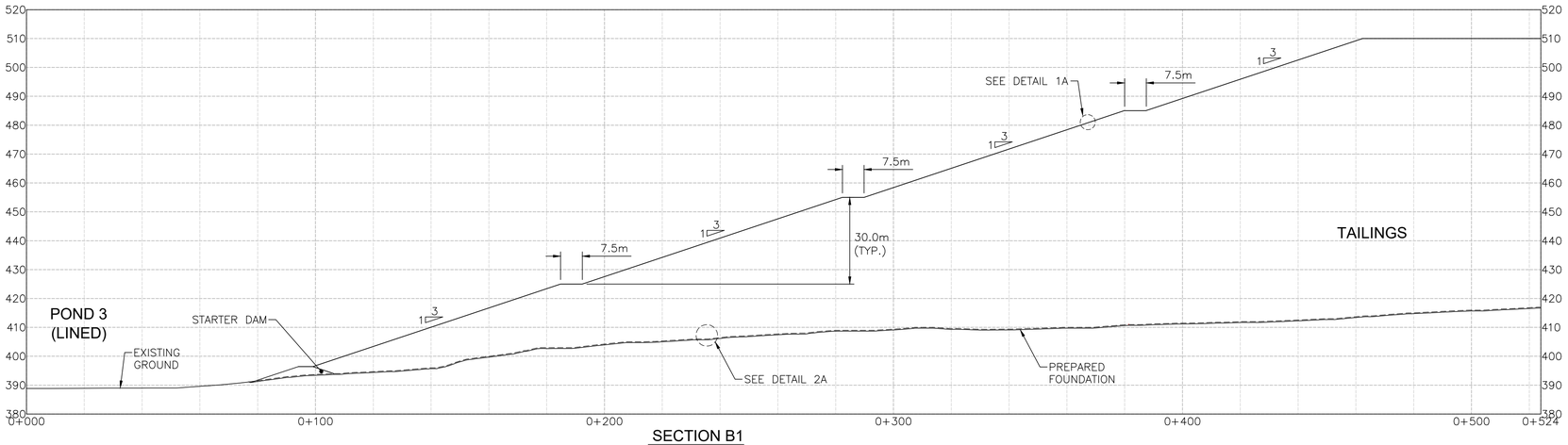
TITLE
STOCKPILE AND WATER MANAGEMENT
SECTIONS AND DETAILS
1 OF 2
-

DESSIN NUM./DRAWING NO.: CASN − A

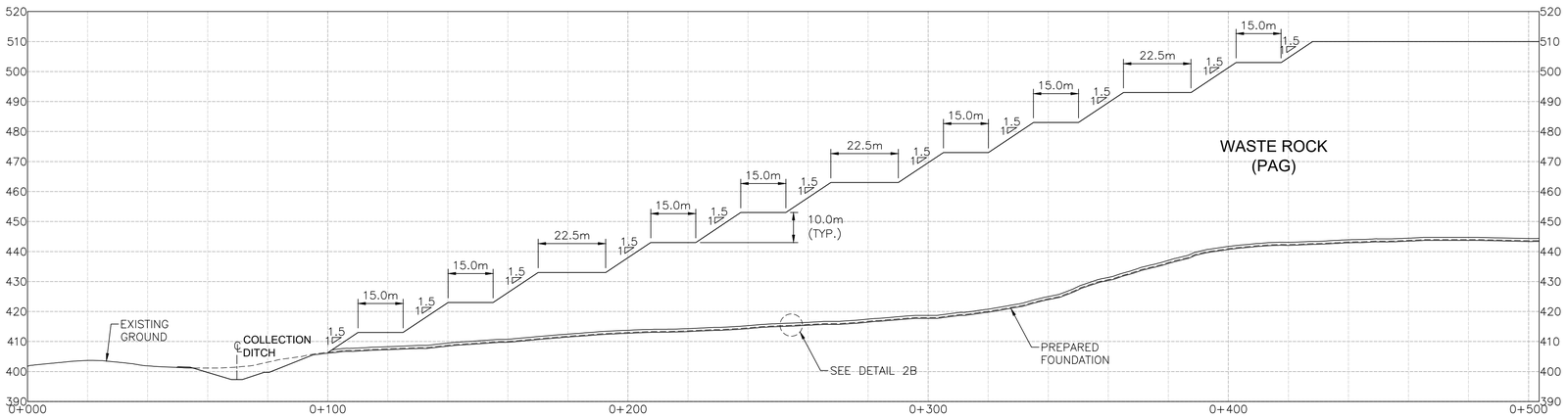
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AREA	DISC.	TYPE	SEQ.	REV.

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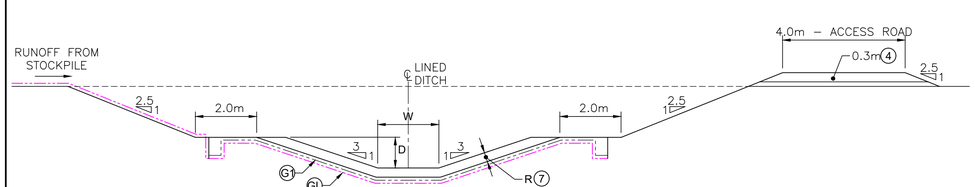
SECTION B1
STOCKPILE02 - TAILINGS - OPERATION
SCALE=1:1000



SECTION H
STOCKPILE02 - PAG - OPERATION
SCALE=1:1000

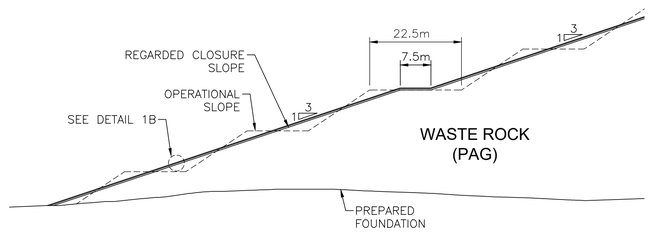


TYPICAL COLLECTION POND SECTION
LINED POND
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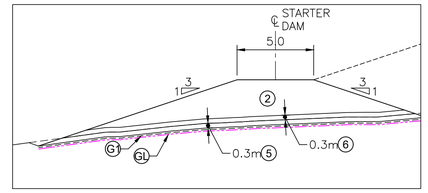


TYPICAL LINED
COLLECTION DITCH
SCALE=1:100

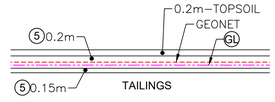
DITCH	CHAINAGE START	CHAINAGE END	WIDTH (W)	DEPTH (D)	RIPRAP THICKNESS (R)
02−01	0+000	0+423	2.5 m	1.2 m	300 mm
02−02	0+000	0+515	1.5 m	1.1 m	300 mm
	0+516	1+557	3.0 m	1.3 m	
03−01	0+000	0+508	2.0 m	1.2 m	300 mm
	0+508	0+706			450 mm
	0+706	1+786		1.5 m	300 mm
	1+786	4+036	3.0 m	2.2 m	
	4+036	4+239	5.0 m		
03−02	0+000	0+578	2.0 m	1.1 m	300 mm
	0+578	0+647			450 mm
	0+647	1+006			300 mm



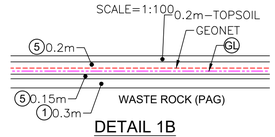
TYPICAL STOCKPILE01 SECTION
CLOSURE
SCALE=1:750



TYPICAL STARTER DAM
SCALE=1:200



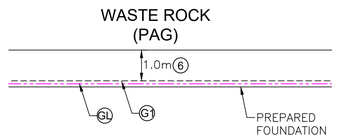
DETAIL 1A
CLOSURE-TAILINGS
SCALE=1:100



DETAIL 1B
CLOSURE-WASTE ROCK (PAG)
SCALE=1:100

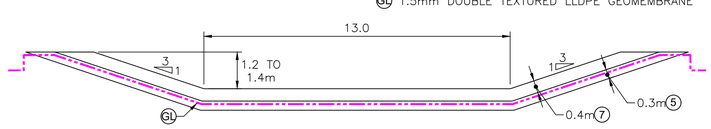


DETAIL 2A
BASIN GEOMEMBRANE - TAILINGS
SCALE=1:100



DETAIL 2B
BASIN GEOMEMBRANE - WASTEROCK (PAG)
SCALE=1:100

1. CRUSHED STONE (−75mm)
2. WASTE ROCK (−450mm)
3. TILL / SAND BENTONITE CEMENT FILL
4. GRANULAR B TYPE II
5. FILTER / BEDDING SAND (−4.75mm)
6. TRANSITION SAND AND GRAVEL (−26.5mm)
7. RIP−RAP EROSION PROTECTION
8. SAND / SILT (OVERBURDEN)
9. CLEAR STONE (−19mm)
- G1 NON−WOVEN GEOTEXTILE (500g/m²)
- G2 NON−WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
- GL 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE



TYPICAL SPILLWAY SECTION
SCALE=1:100

SCALE= 1:1000
SCALE= 1:200
SCALE= 1:100

ATKINSRÉALIS #: 702381-0000-4GDD00-0006

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25-09-10
B	ISSUED FORCLIENT REVIEW	P.A.	B.M.	25-04-10
A	ISSUED FOR INTERNAL REVIEW	P.A.	B.M.	25-01-10

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN: P. ADDIS	25-09-10
DESSINATEUR/DRAWN: M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED: R. ALAM	25-09-10
INGÉNIEUR/ENGINEER: B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE: AS SHOWN	DATE

PROJET/PROJECT:

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

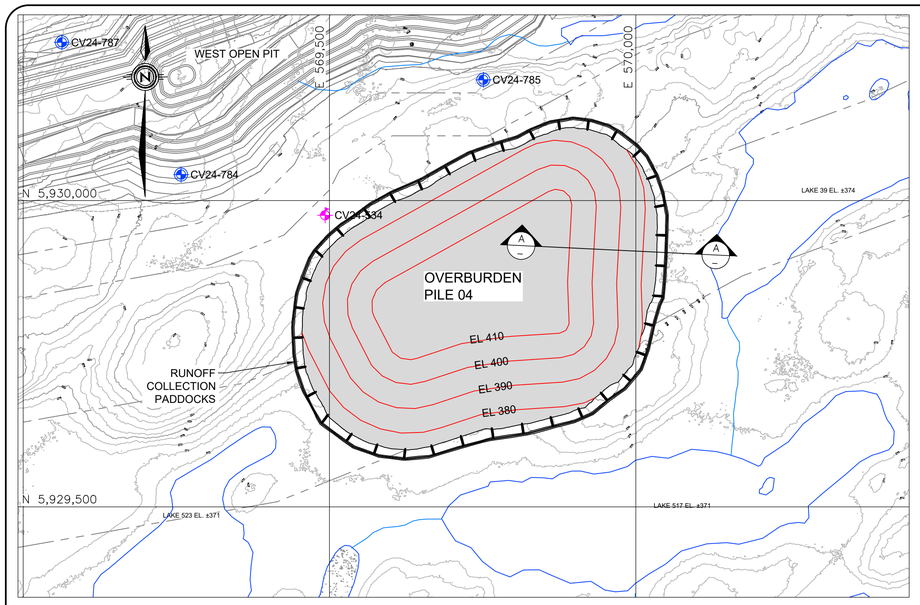
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SECTIONS AND DETAILS
2 OF 2
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DESSIN NUM./DRAWING NO.: CASN - A

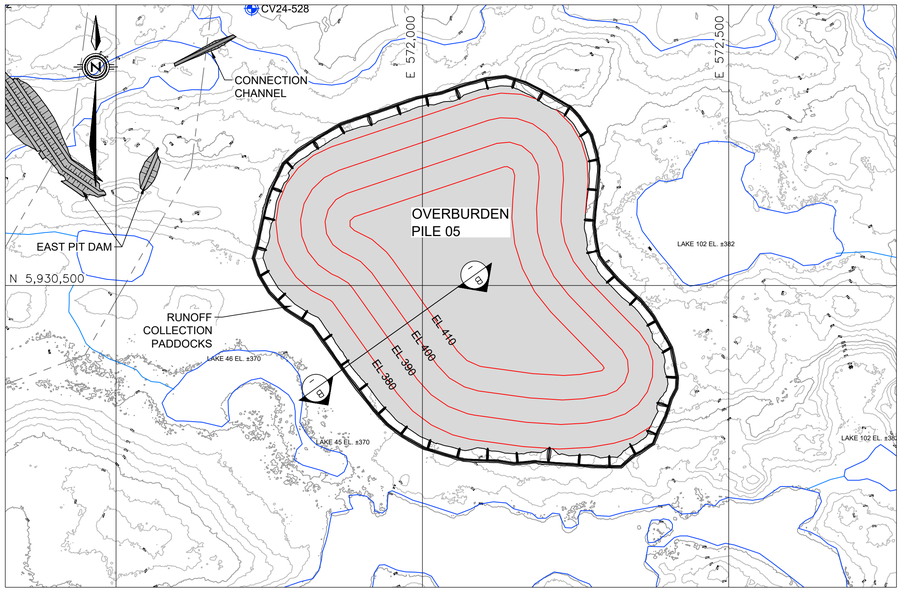
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PAPER SIZE FORMAT : A1



PLAN
OVERBURDEN PILE 04
SCALE=1:5000



PLAN
OVERBURDEN PILE 04
SCALE=1:5000

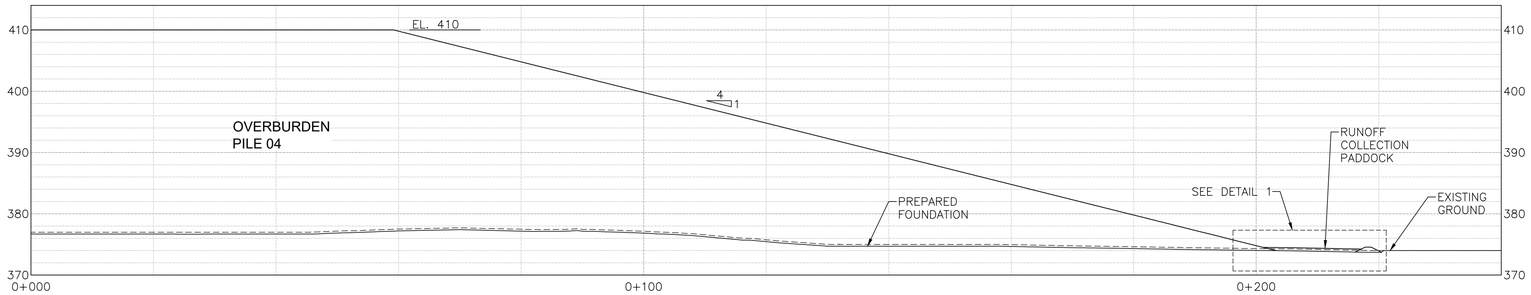
NOTES

1. THE CO-ORDINATES, DIMENSIONS AND ELEVATIONS ARE IN METERS. ELEVATIONS ARE TIED TO MEAN SEA LEVEL. CO-ORDINATES ARE BASED ON UTM NAD83(CSRS) ZONE 18 METRIC GRID PROJECTION.
2. CONTOURS WERE DERIVED FROM LiDAR SURVEY FROM PATRIOT LiDAR DATED OCT 11, 2022.

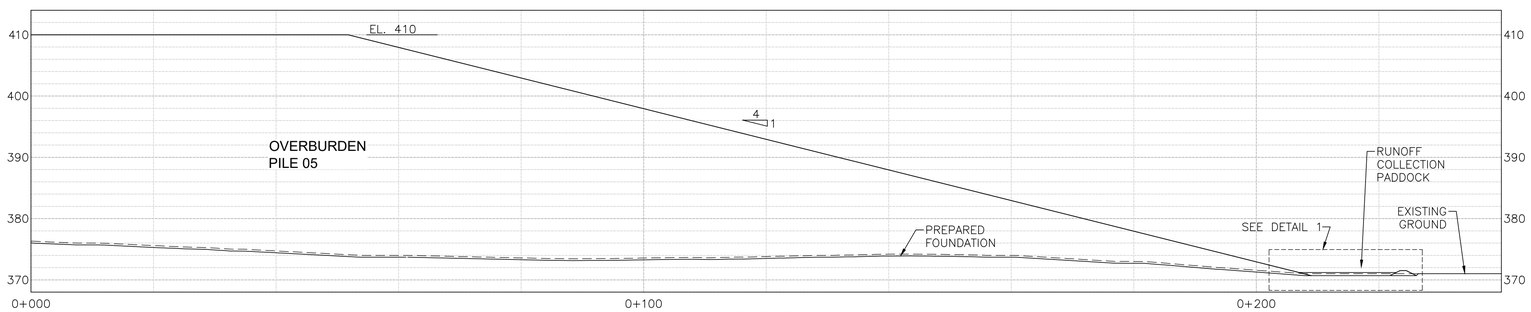
LEGEND

CV24 - BOREHOLES FROM 2024 GORTECHNICAL INVESTIGATION

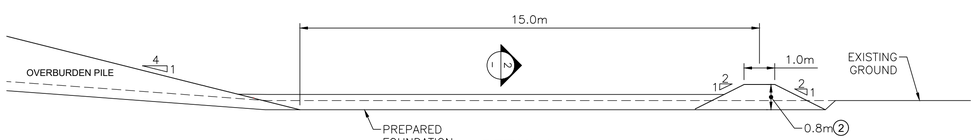
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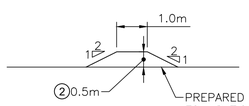
SECTION A
OVERBURDEN PILE 04
SCALE=1:500



SECTION B
OVERBURDEN PILE 05
SCALE=1:500



DETAIL 1
RUNOFF COLLECTION PADDOCK
SCALE=1:100



DETAIL 2
RUNOFF COLLECTION PADDOCK
SCALE=1:100

1. CRUSHED STONE (-75mm)
2. WASTE ROCK (-450mm)
3. TILL / SAND BENTONITE CEMENT FILL
4. GRANULAR B TYPE II
5. FILTER / BEDDING SAND (-4.75mm)
6. TRANSITION SAND AND GRAVEL (-26.5mm)
7. RIP-RAP EROSION PROTECTION
8. SAND / SILT (OVERBURDEN)
9. CLEAR STONE (-19mm)
G1. NON-WOVEN GEOTEXTILE (500g/m²)
G2. NON-WOVEN NEEDLE PUNCHED GEOTEXTILE (300g/m²)
GL. 1.5mm DOUBLE TEXTURED LLDPE GEOMEMBRANE

0 100 200 300m
100 SCALE= 1:5000
0 10 20 30m
10 SCALE= 1:500
0 2 4 6m
2 SCALE= 1:100

ATKINSRÉALIS #: 702381-0000-4GDD00-0007

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	ISSUED FOR FEASIBILITY STUDY	A.C.	B.M.	25-09-10
B	ISSUED FORCLIENT REVIEW	P.A.	B.M.	25-04-10
A	ISSUED FOR INTERNAL REVIEW	P.A.	B.M.	25-01-10

PATRIOT BATTERY METALS

AtkinsRéalis

Mining Services

CONCEPTEUR/DESIGN:	P. ADDIS	25-09-10
DESSINATEUR/DRAWN:	M. SYKES	25-09-10
VÉRIFIÉ PAR/CHECKED:	R. ALAM	25-09-10
INGÉNIEUR/ENGINEER:	B. MORRISSETTE	25-09-10
ÉCHELLE/SCALE:	1:3,000	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
-
-
-
-

TITLE
OVERBURDEN PILES04 AND 05
PLANS, SECTIONS AND DETAIL
-
-

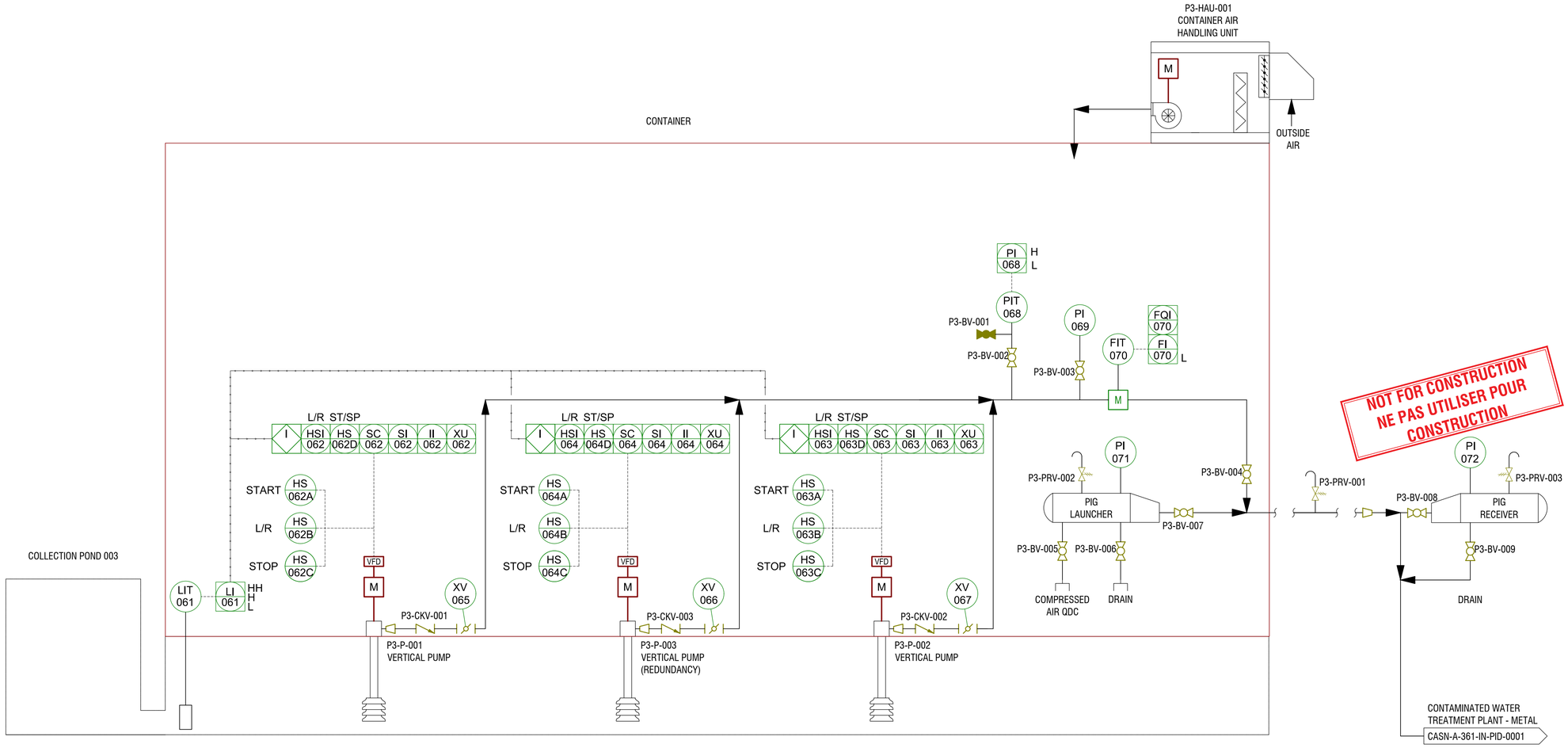
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AREA	DISC.	TYPE	SEQ.	REV.

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Appendix C Figures

PAPER SIZE FORMAT - A1



NOT FOR CONSTRUCTION
NE PAS UTILISER POUR CONSTRUCTION

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	FINAL RELEASE FOR FEASIBILITY STUDY	D.K.	A.C.	25-09-15
B	INITIAL RELEASE ISSUED FOR CLIENT REVIEW	D.K.	A.C.	25-09-03
A	INITIAL RELEASE ISSUED FOR INTERNAL REVIEW	R.D.	A.C.	25-05-02

PATRIOT BATTERY METALS

AtkinsRéalis

702381-5100-45DG10-005

Mining Services

CONCEPTEUR/DESIGN:	A. COGULET	25-05-02
DESSINATEUR/DRAWN:	R. DIDIER	25-05-02
VÉRIFIÉ PAR/CHECKED:	AL NGUYEN	25-05-02
INGÉNIEUR/ENGINEER:	A. COGULET	25-05-02
ÉCHELLE/SCALE:	N.T.S.	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
BASSIN DE COLLECTE 003
SCHÉMA DE TUYAUTERIE
ET D'INSTRUMENTATION
FRANCAIS

TITLE
COLLECTION POND 003
PIPING AND INSTRUMENTATION DIAGRAM

ENGLISH

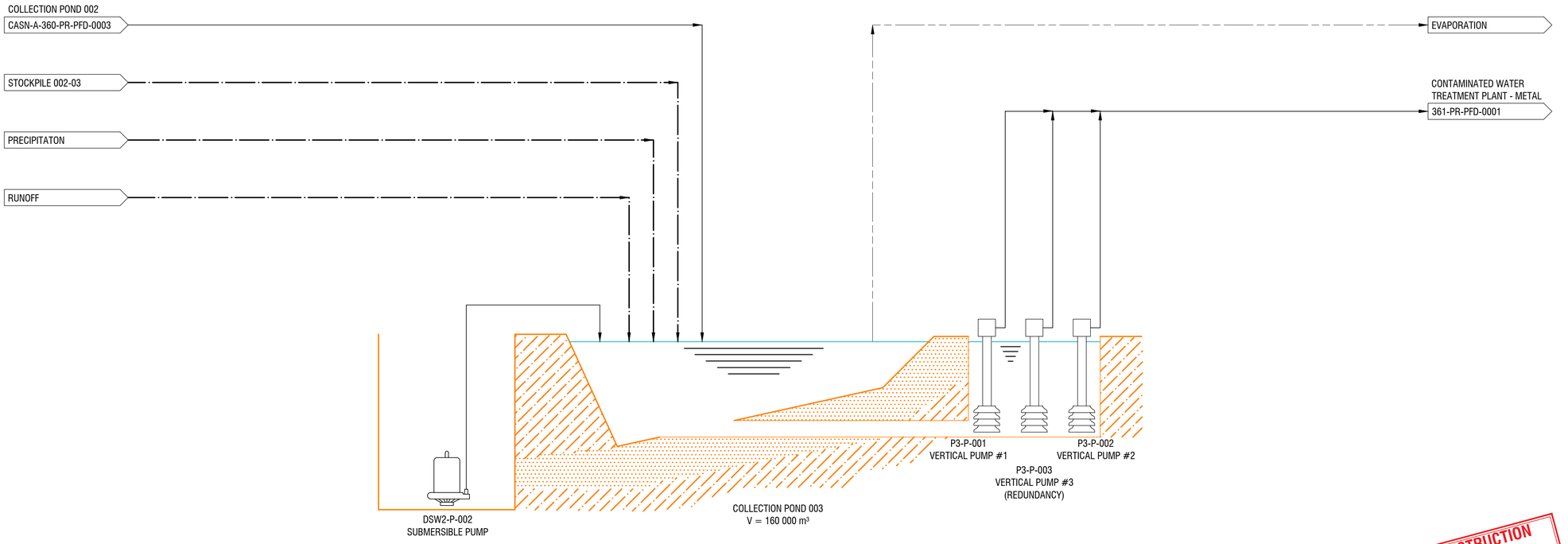
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360	IN	PID	0004	C
AREA	DISC.	TYPE	SEQ.	REV.

INGÉNIEURE
Antoine Cogulet
6028243
QUÉBEC
Ing. PhD
6028243

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PAPER SIZE FORMAT - A1



LEGEND

PUMPED

GRAVITY

ALTERNATIVE

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	FINAL RELEASE FOR FEASIBILITY STUDY	D.K.	A.C.	25-09-15
B	INITIAL RELEASE ISSUED FOR CLIENT REVIEW	D.K.	A.C.	25-09-03
A	INITIAL RELEASE ISSUED FOR INTERNAL REVIEW	R.D.	A.C.	25-04-30

PATRIOT BATTERY METALS

AtkinsRéalis

702381-5100-45DG02-004

Mining Services

CONCEPTEUR/DESIGN:	A. Cogulet	25-04-30
DESSINATEUR/DRAWN:	R. DIDIER	25-04-30
VÉRIFIÉ PAR/CHECKED:	AL Nguyen	25-04-30
INGÉNIEUR/ENGINEER:	A. Cogulet	25-04-30
ÉCHELLE/SCALE:	N.T.S.	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
BASSIN DE COLLECTE 003
DIAGRAMME DE FLUX DE PROCESSUS
DESSIN ET NOTES
FRANCAIS

TITLE
COLLECTION POND 003
PROCESS FLOW DIAGRAM
DRAWING AND NOTES
ENGLISH

DESSIN NUM./DRAWING NO.: CASN - A

360	PR	PFD	0004	C
AREA	DISC.	TYPE	SEQ.	REV.

NOT FOR CONSTRUCTION
NE PAS UTILISER POUR CONSTRUCTION

INGÉNIEUR.E
Antoine Cogulet
6028243
QUÉBEC

Ing. PhD
OIQ 6028243

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PAPER SIZE FORMAT - A1

SODIUM HYPOHCLORITE

FIT 006

FW-GV-026

FW-GV-025

PT 003B

FIT 003B

FW-GV-018

FW-GV-017

FW-GV-019

FW-CHK-003

PT 003A

PT 003C

FW-CHK-004

FW-P-005
BOOSTER PUMP

FIT 003A

FW-GV-015

FW-GV-016

PT 001B

FW-GV-012

AE ORP

FW-XV-009

FW-GV-008

FW-XV-003

DRAIN

HEATER

FW-GV-001

FW-GV-002

FW-GV-003

FW-GV-011

FW-SV-004

AE TURB

FW-GV-013

FW-GV-014

FIT 001

PT 001A

FW-XV-002

FW-YS-001

FW-XV-001

FW-CHK-001

FW-P-003
BOOSTER PUMP

COMPRESSED AIR

FW-SV-001

ANTISCALANT

FW-XV-004

RAW WATER
LAKE 308
SEE DRAWING
CASN-A-310-IN-PID-0001

FW-SV-003

PT 002B

FW-GV-010

FW-XV-008

FW-GV-007

FW-GV-009

FW-GV-004

FW-GV-005

FW-GV-006

FIT 002

PT 002A

FW-XV-006

FW-XV-005

FW-YS-002

FW-CHK-002

CWPM-P-004
BOOSTER PUMP

ANTISCALANT

COMPRESSED AIR

FW-SV-002

FW-XV-007

PT 004B

FIT 004B

FW-GV-023

FW-GV-022

FW-GV-024

FW-CHK-005

PT 004A

PT 004C

FW-CHK-006

FW-P-006
BOOSTER PUMP

FIT 004A

FW-GV-020

FW-GV-021

FIT 005

FW-GV-027

UV

FW-GV-028

FW-CHK-007

FW-P-007
RECIRCULATION PUMP

FW-GV-027

HEATER

WASTE WATER TREATMENT
CASN-A-341-IN-PID-0001

FW-GV-029

FW-SV-005

AE CL2

AE PH

LT 007A

TT 007A

POTABLE WATER
RESERVOIR #1
HEATER

FW-XV-010

LT 007B

TT 007B

POTABLE WATER
RESERVOIR #2
HEATER

FW-XV-011

LT 007C

TT 007C

POTABLE WATER
RESERVOIR #3
HEATER

FW-XV-012

TREATED WATER DIST.

29 PSIG

PT 008

UF TRAINS

FW-GV-031

FW-RV-002

80 PSIG

SOLENOID PANEL

FW-GV-030

FW-RV-001

FW-GV-032

LEGEND

- PUMPED
- GRAVITY
- ALTERNATIVE
- FUTURE
- BACKUP

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	FINAL RELEASE FOR FEASIBILITY STUDY	D.K.	A.C.	25-09-15
B	INITIAL RELEASE ISSUED FOR CLIENT REVIEW	D.K.	A.C	25-09-03
A	INITIAL RELEASE ISSUED FOR INTERNAL REVIEW	R.D.	A.C	25-06-05

PATRIOT BATTERY METALS

AtkinsRéalis

702381-5300-4KDG10-001

Mining Services

CONCEPTEUR/DESIGN:	A. Cogulet	25-06-05
DESSINATEUR/DRAWN:	R. DIDIER	25-06-05
VÉRIFIÉ PAR/CHECKED:	AL Nguyen	25-06-05
INGÉNIEUR/ENGINEER:	A. Cogulet	25-06-05
ÉCHELLE/SCALE:	N.T.S.	DATE

INGÉNIEUR E
Antoine Cogulet
6028243
QUÉBEC
Ing. P.D.

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
USINE D'EAU POTABLE
SYSTÈME DE FILTRATION
DIAGRAMME DE FLUX DE PROCESSUS
DESSIN ET NOTES

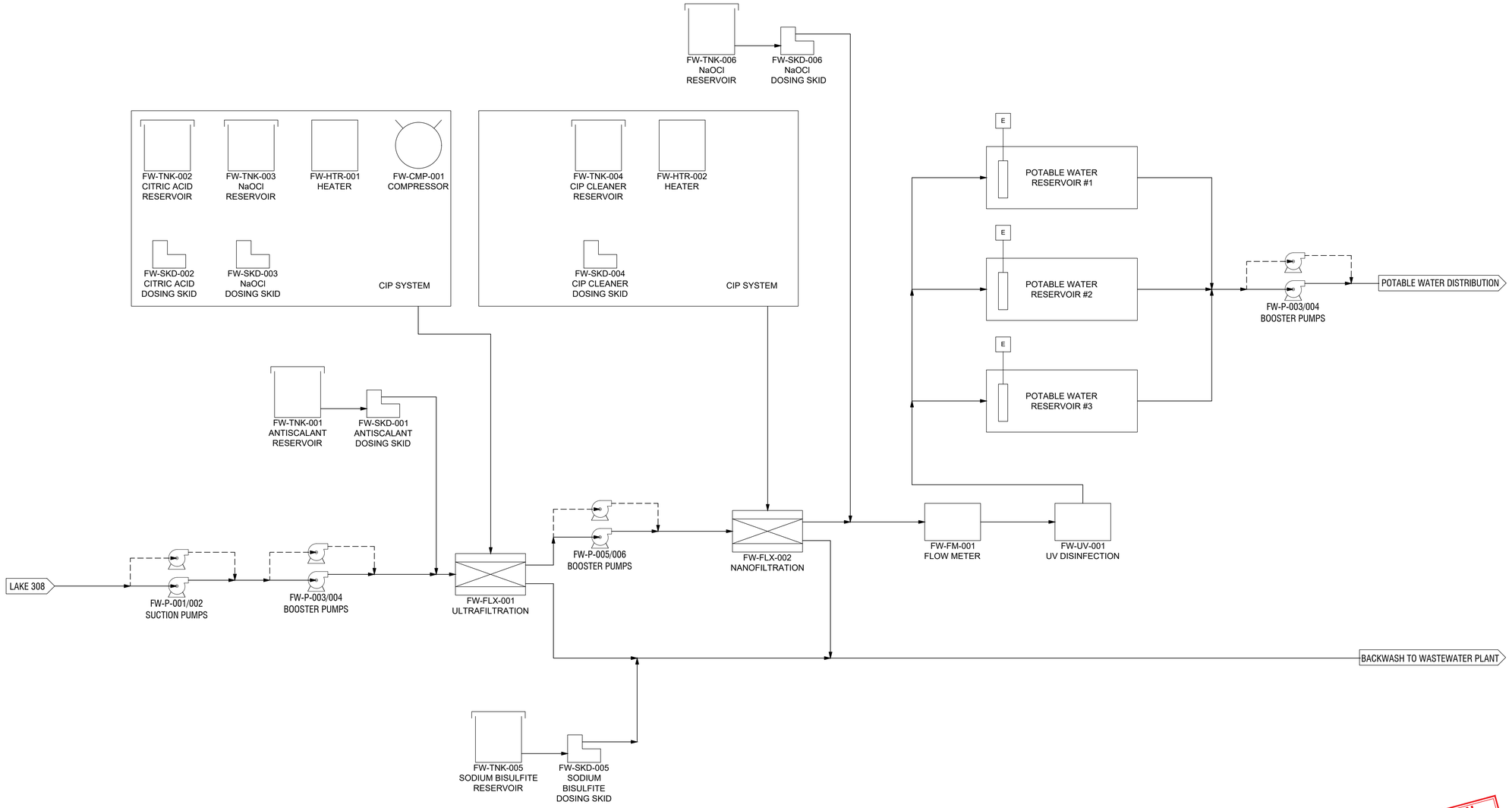
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POTABLE WATER TREATMENT PLANT
FILTRATION SYSTEM
PROCESS FLOW DIAGRAM
DRAWING AND NOTES

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AREA – DISC. – TYPE – SEQ. – REV.

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NE PAS UTILISER POUR CONSTRUCTION

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LEGEND

- PUMPED
- GRAVITY
- ALTERNATIVE
- FUTURE
- BACKUP

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C	FINAL RELEASE FOR FEASIBILITY STUDY	D.K.	A.C.	25-09-15
B	INITIAL RELEASE ISSUED FOR CLIENT REVIEW	D.K.	A.C	25-09-03
A	INITIAL RELEASE ISSUED FOR INTERNAL REVIEW	R.D.	A.C	25-05-13

PATRIOT BATTERY METALS

AtkinsRéalis

702381-5300-4KDG02-001

Mining Services

CONCEPTEUR/DESIGN:	A. COGULET	25-05-13
DESSINATEUR/DRAWN:	R. DIDIER	25-05-13
VÉRIFIÉ PAR/CHECKED:	AL NGUYEN	25-05-13
INGÉNIEUR/ENGINEER:	A. COGULET	25-05-13
ÉCHELLE/SCALE:	N.T.S.	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
STATION DE TRAITEMENT D'EAU POTABLE
DIAGRAMME DE FLUX DE PROCESSUS
DESSIN ET NOTES
FRANCAIS

TITLE
POTABLE WATER TREATMENT PLANT
PROCESS FLOW DIAGRAM
DRAWING AND NOTES
ENGLISH

DESSIN NUM./DRAWING NO.: CASN – A

331 – PR – PFD – 0001 – C
AREA | DISC. | TYPE | SEQ. | REV.

NOT FOR CONSTRUCTION
NE PAS UTILISER POUR CONSTRUCTION

INGÉNIEUR.E
Antoine Cogulet
6028243
QUÉBEC

Ing. PhD. #6028243.

SAVED ON: 25-09-15 9:50 AM BY Kiyanna Drehli
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PAPER SIZE FORMAT - A1

NOT FOR CONSTRUCTION
NE PAS UTILISER POUR CONSTRUCTION

PERMANENT CAMP KITCHEN WASTEWATER

GREASE TRAP

PERMANENT CAMP DOMESTIC WASTEWATER

DRY BUILDING DOMESTIC WASTEWATER

COLD SERVICE WATER

SWT-FLX-001
ROTARY
STRAINER

LIC 001
LI 001
HH H L LL
LAH 001
LAL 001
LT 001
LSL 001
LSH 001
PI 001
FIT 001
SWT-BV-003
SWT-BV-002
SWT-BV-001
SWT-CHK-001
SWT-CHK-002
M

SWT-PRS-001
CASN-A-341-IN-PID-0002

SWT-EQ-001
EQUALIZATION
TANK

SWT-P-001/002
SUBMERSIBLE
PUMPS

BAKING SODA

LIC 002
LI 002
HH H L LL
LAH 002
LAL 002
LT 002
LSL 002
LSH 002

SWT-BLW-001
BLOWER

SWT-BV-004
SWT-BV-005
SWT-BV-006

SWT-MBR-001
MOVING BED BIOFILM
REACTOR

SWT-BV-007

ANTIFOAM
COAGULANT
POLYMER
MCC
M

SWT-AGX-001
COAGULATION
CHAMBER

SWT-AGX-002
FLOCULATION
CHAMBER

MCC
M

SWT-DAF-001
DISSOLVED AIR
FLOATATION TANK

SWT-BV-022
SWT-BV-008
SWT-BV-021
SWT-BV-011

SWT-XV-002
LSH 003
LAH 003
SWT-XV-001
LSL 003
LAL 003

COLD SERVICE WATER

SWT-TNK-006
EFFLUENT HOLDING
TANK

SWT-CHK-005
SWT-CHK-004

POLISHING POND
CASN-A-360-PR-PFD-0008

SWT-MBR-002
CASN-A-341-IN-PID-0002

SWT-BV-020
SWT-BV-019
SWT-BV-018
SWT-BV-017
SWT-CHK-003

PI 004
SWT-GV-011
SWT-GV-012
VFD
SWT-BV-010
SWT-BV-009
SWT-P-007
DAF RECIRCULATION
PUMP

PI 005
SWT-GV-015
SWT-GV-016
SWT-BV-014
SWT-BV-013
SWT-P-008
DAF RECIRCULATION
PUMP

SWT-BLW-002
BLOWER

LEGEND

- PUMPED
- GRAVITY
- ALTERNATIVE
- FUTURE
- BACKUP

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	FINAL RELEASE FOR FEASIBILITY STUDY	D.K.	A.C.	25-09-15
B	INITIAL RELEASE ISSUED FOR CLIENT REVIEW	D.K.	A.C	25-09-03
A	INITIAL RELEASE ISSUED FOR INTERNAL REVIEW	R.D.	A.C	25-06-10

PATRIOT BATTERY METALS

AtkinsRéalis

702381-5300-4KDG10-002

Mining Services

CONCEPTEUR/DESIGN:	A. COGULET	25-06-10
DESSINATEUR/DRAWN:	R. DIDIER	25-06-10
VÉRIFIÉ PAR/CHECKED:	AL. NGUYEN	25-06-10
INGÉNIEUR/ENGINEER:	A. COGULET	25-06-10
ÉCHELLE/SCALE:	N.T.S.	DATE

PROJET/PROJECT:
SHAAKICHIUWAANAAN

PHASE:
ÉTUDE DE FAISABILITÉ
FEASIBILITY STUDY

TITRE:
STATION DE TRAITEMENT DES EAUX USÉES
DIAGRAMME DE FLUX DE PROCESSUS
DESSIN ET NOTES
FRANCAIS

TITLE
SEWAGE WATER TREATMENT PLANT
PROCESS FLOW DIAGRAM
DRAWING AND NOTES
ENGLISH

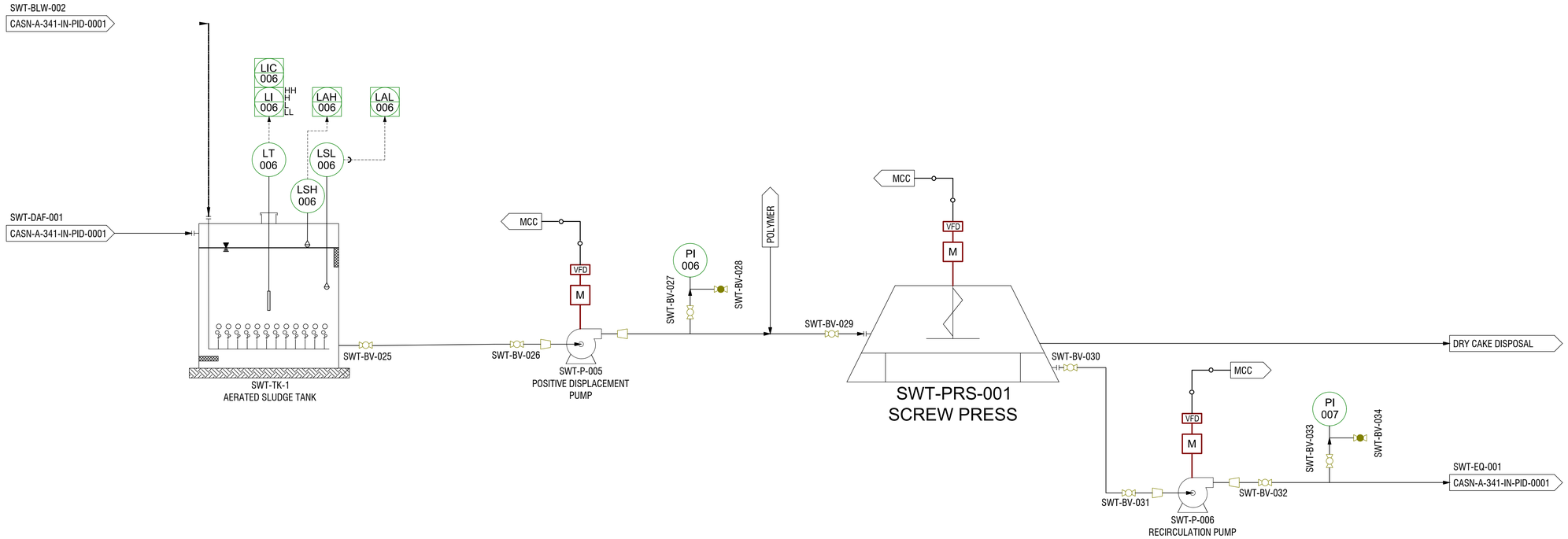
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341	IN	PID	0001	C
AREA	DISC.	TYPE	SEQ.	REV.

INGÉNIEUR·E
Antoine Cogulet
6028243
QUÉBEC

SAVED ON: 25-09-15 9:36 AM BY Kronon, Dmitri
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PAPER SIZE FORMAT - A1



LEGEND

- PUMPED
- GRAVITY
- ALTERNATIVE
- FUTURE
- BACKUP

REV	DESCRIPTION	PAR BY	ING ENG	DATE
C	FINAL RELEASE FOR FEASIBILITY STUDY	D.K.	A.C.	25-09-15
B	INITIAL RELEASE ISSUED FOR CLIENT REVIEW	D.K.	A.C	25-09-03
A	INITIAL RELEASE ISSUED FOR INTERNAL REVIEW	R.D.	A.C	25-06-10

PATRIOT BATTERY METALS

AtkinsRéalis

702381-5300-4KDG10-003

Mining Services

CONCEPTEUR/DESIGN:	A. COGULET	25-06-10
DESSINATEUR/DRAWN:	R. DIDIER	25-06-10
VÉRIFIÉ PAR/CHECKED:	AL. NGUYEN	25-06-10
INGÉNIEUR/ENGINEER:	A. COGULET	25-06-10
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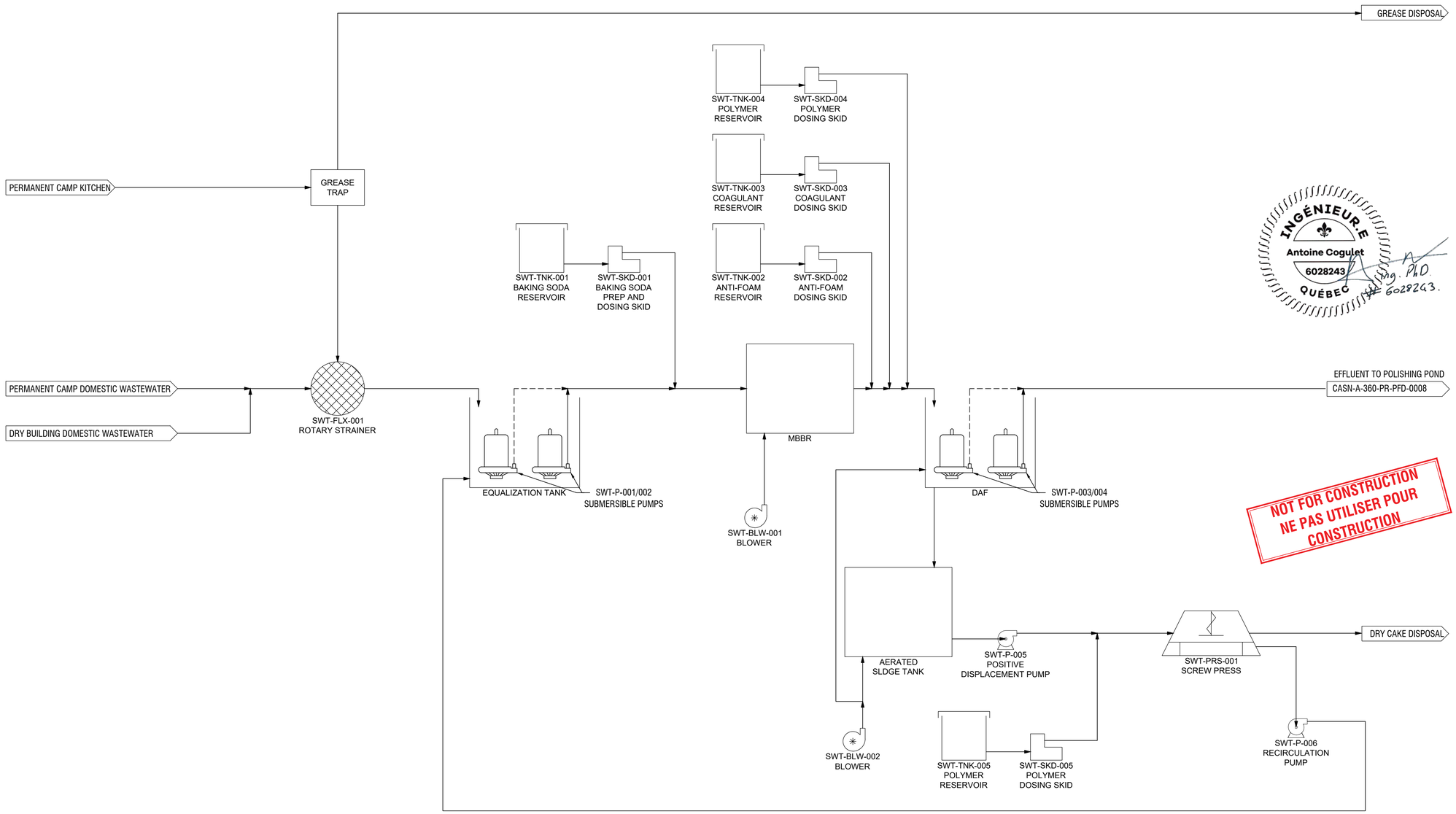
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Appendix D Stockpile 001 and 002 Stability Analyses Technical Note

AtkinsRéalis	TECHNICAL NOTE Shaakichiuwaanaan Project – Waste and Water Management		
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Title of Document: **STOCKPILE 001 AND 002 STABILITY ANALYSIS TECHNICAL NOTE**

Client: **PATRIOT BATTERY METALS INC.**

Project: **SHAAKICHIUWAANAAN PROJECT – WASTE AND WATER MANAGEMENT**

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List of Revisions

#	Prep.	Rev.	App.	Date	Pages	Remarks
A	RA	PA	BM	2025-06-13	All	Issue for internal review
B	RA	PA	BM	2025-07-03	All	Issue for client's comments
C	RA	PA	BM	2025-08-29	All	Issued for feasibility study
D	RA	PA	BM	2026-02-12	Section 2.2.3	Issued with little correction for feasibility study

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Appendix A Stability Analysis Results

1 Introduction

Patriot Battery Metals Inc. (PMET) has retained AtkinsRéalis to conduct a feasibility study on waste and water management for the Shaakichiuwaanaan Project. The proposed lithium mine in the Eeyou Istchee James Bay region of northern Québec will involve open-pit and underground mining operations. The project will feature stockpiles for overburden, waste rock, tailings and organic materials, a water treatment plant, and other necessary mining infrastructure. Mining operations are anticipated to commence in 2028, with an expected mine life of 22 years.

Two sites have been identified for the disposal of tailings and waste rock, as shown in **Figure 1-1**. Stockpile 001, located northwest of the plant site, will be dedicated solely to storing waste rock due to its proximity to the open pit. In contrast, Stockpile 002, situated northeast of the plant, is intended for potentially acid-generating waste rock and tailings, with plans to store the tailings separately from the waste rock, as shown in **Figure 1-1**.

As part of the feasibility study, stability analyses have been conducted for the proposed Stockpiles 001 and 002. This technical note summarizes the findings of those stability analyses.

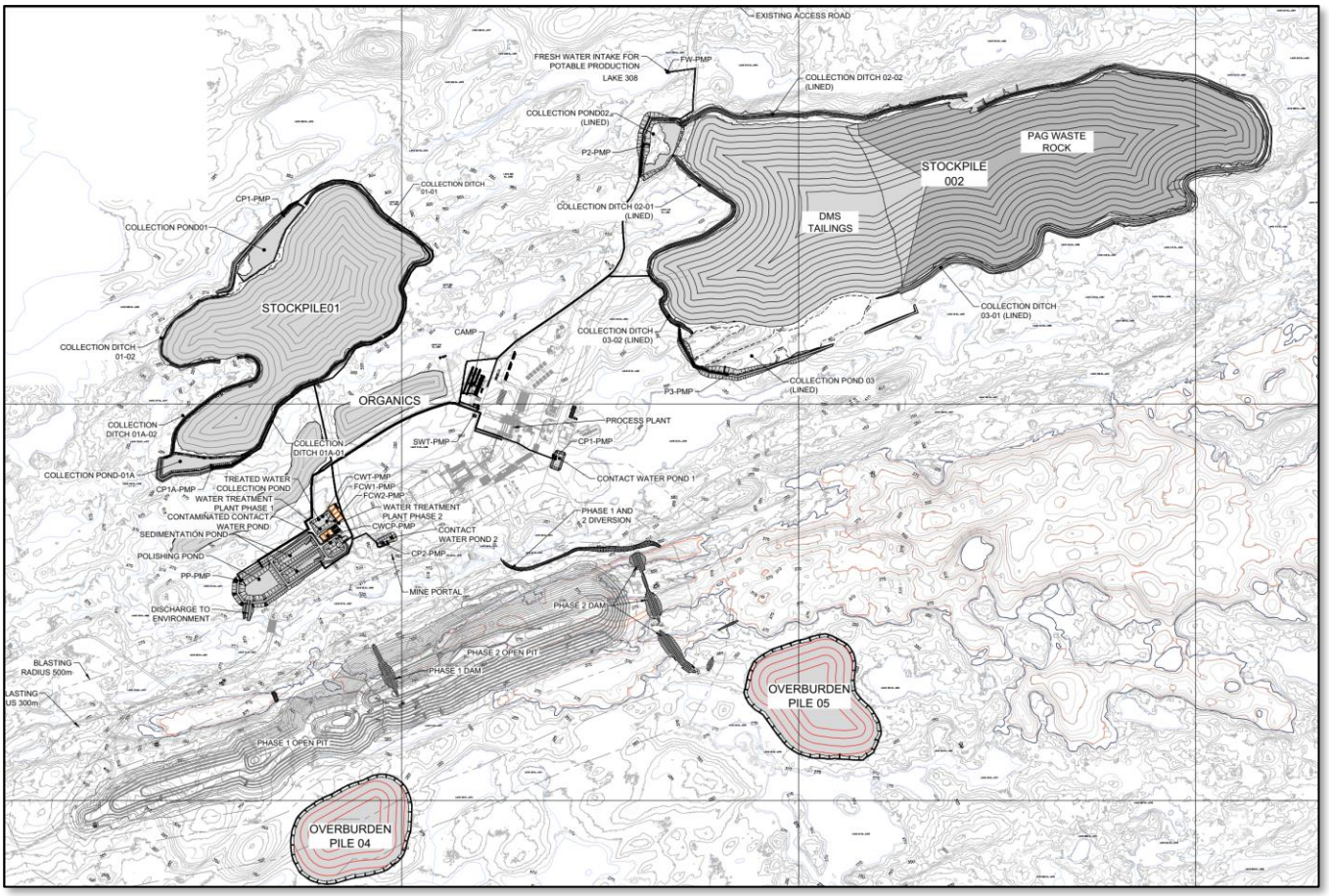


Figure 1-1 Layout of Stockpiles 001 and 002

2 Stability Analyses

Slope stability analyses were conducted on three critical sections: one for the Non-Acid Generating Stockpile (NAG) (Section A1-A1 for stockpile 001) as shown in **Figure 2-1**, one for the Acid Generating Stockpile (PAG) (Section H-H for stockpile 002) and one for the tailings stockpile (Section B1-B1 for stockpile 002) as shown in **Figure 2-2**. These sections are illustrated in **Figure 2-3** to **Figure 2-7**, where the stack reaches its maximum height and has the steepest slope.

Slope stability analyses were conducted using SLOPE/W Version 2023.1.2, a two-dimensional limit equilibrium software developed by Geo-Slope International Limited.

The Morgenstern-Price method was utilized to identify potential failure surfaces within the slopes of the stockpiles and their underlying foundations. The primary objective of these analyses was to determine the most critical failure surfaces that would produce the most conservative Factor of Safety (FoS). The FoS is the ratio of the average available shear strength (resisting force) to the average mobilized shear stress (driving force) along a specific failure surface. The following subsections provide details on the stockpile geometry, material properties, loading scenarios, and phreatic surface used in the model, along with a discussion of the stability analysis results.

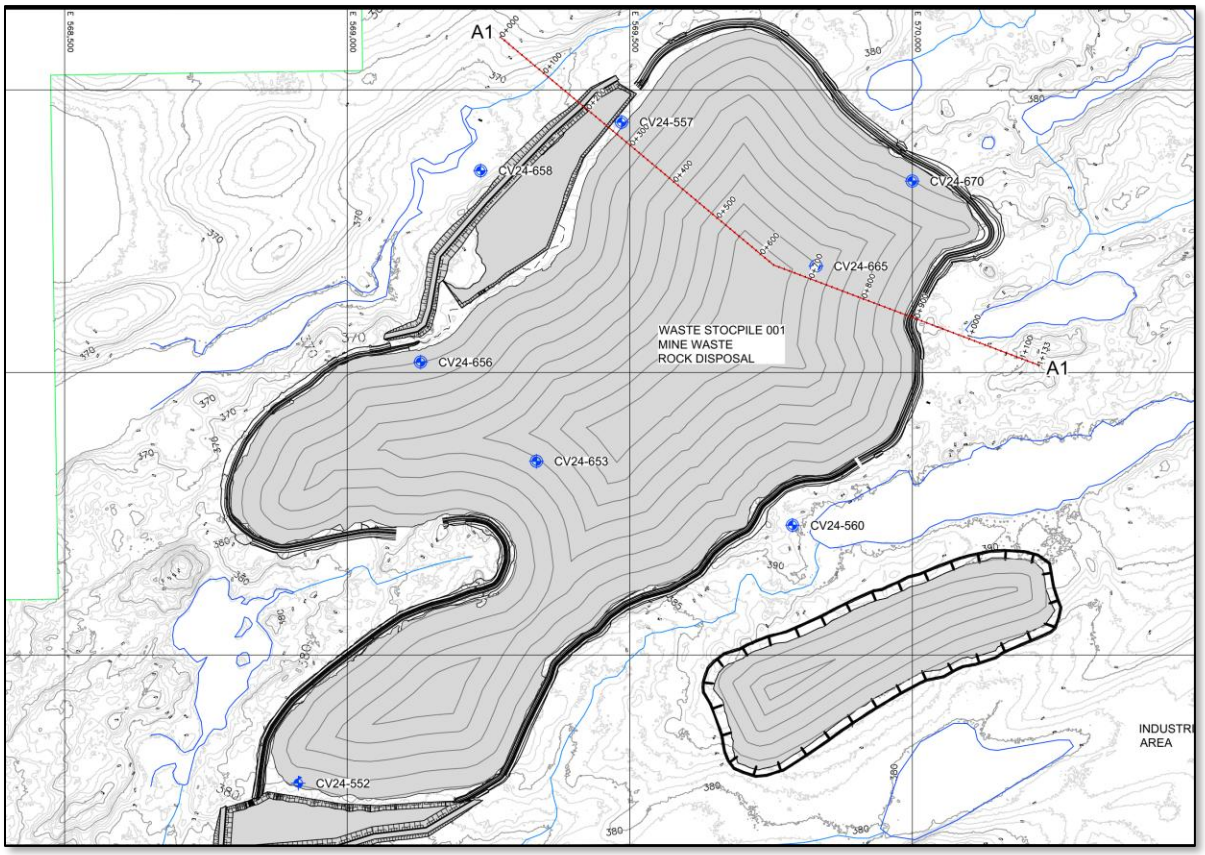


Figure 2-1 Layout of Critical Sections for Slope Stability Analysis – Waste Rock Stockpile 001 Cross-Section A1-A1

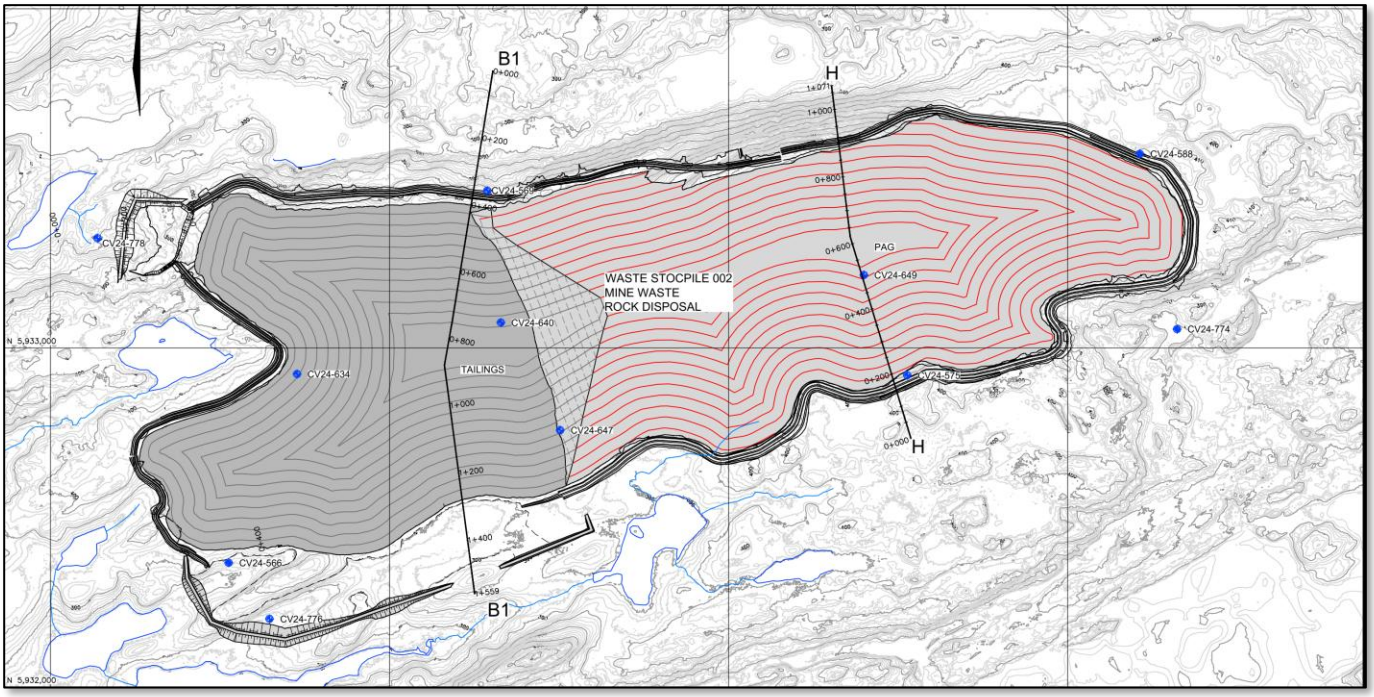


Figure 2-2 Layout of Critical Sections for Slope Stability Analysis – Waste Rock Stockpile 002 Cross-Section H-H

2.1 Model Geometry

The mine is projected to generate a total of 154.1 million tonnes (Mt) of waste rock. This amount includes 73.1 Mt of non-acid generating (NAG) waste rock and 81.0 Mt of potentially acid-generating (PAG) waste rock. Of the NAG waste rock, 29.6 Mt will be stored in the open pit, while the remaining amount will be placed in Stockpile 001, which is designed to accommodate a total of 43.5 Mt of NAG waste.

Over the 22-year lifespan of the mine, the anticipated production of tailings is estimated to be 71.1 Mt. Approximately 54.0 Mt of these tailings will be disposed of on the surface, while the remaining 17.1 Mt will be used for paste backfill. Stockpile 002 is designated for storing 54.0 Mt of tailings and 81.0 Mt of PAG waste rock.

Stockpile 001 has a footprint of 80 hectares (ha) and a maximum height of about 90 meters (m). Stockpile 002, which contains PAG rock, covers approximately 126 ha (58%), while the tailings portion covers about 91 ha (42%), with a maximum height of approximately 120 m. Two configurations have been designed for Stockpiles 001 and 002 for both operational and closure stages. The foundation profile has been incorporated into the model geometry based on the information on the available boreholes.

A detailed description of the geometric models for Stockpile 001 and Stockpile 002 is provided in the following subsections.

2.1.1 Waste Rock Stockpiles (Stockpile 001 and Stockpile 002)

2.1.1.1 Operational Phase

The typical geometry for the operational phases of Stockpiles 001 and 002 is illustrated in **Figure 2-3** and **Figure 2-4**, respectively. During the operational phase, the waste rock stockpiles are designed in 10-meter-high lifts, with local slopes of approximately 1.5 horizontal (H) to 1 vertical (V). Each bench is 15 meters wide, and every third bench is 22.5 meters wide. This design achieves an overall external slope of 3.25 horizontal (H) to 1 vertical (V).

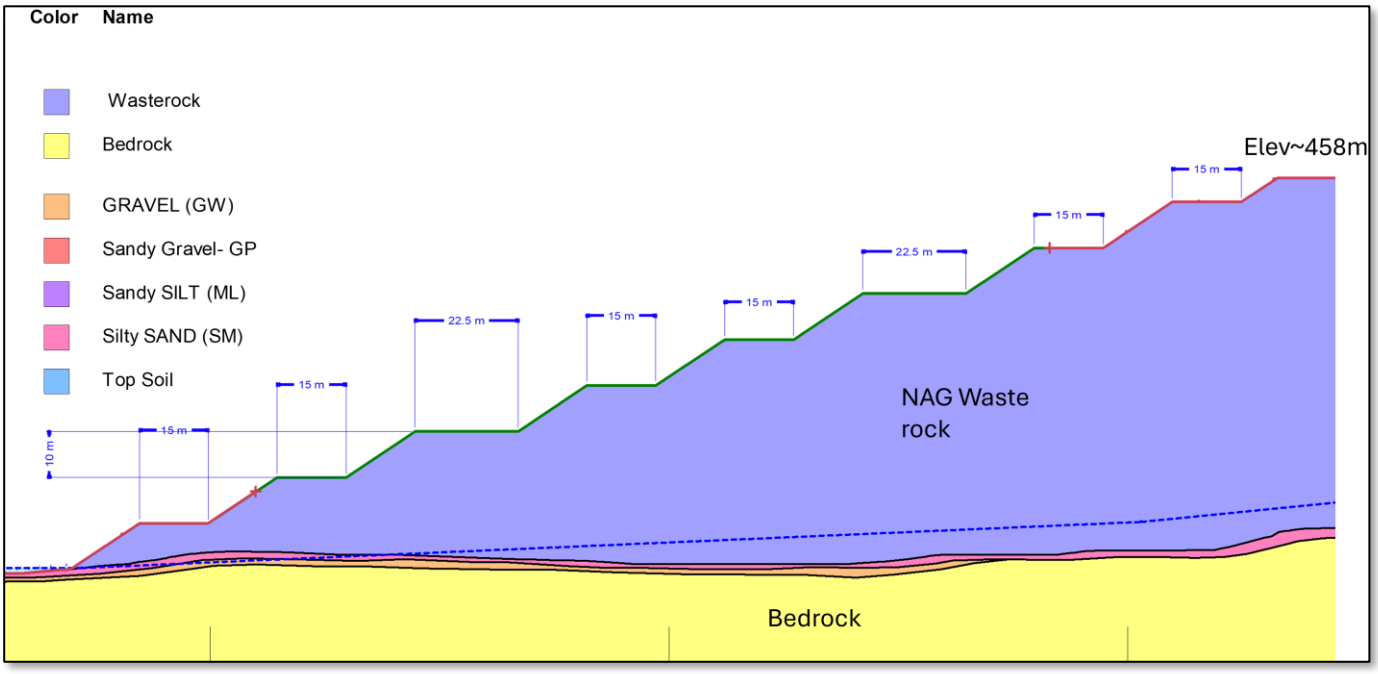


Figure 2-3 A1-A1 Section of Waste Rock Stockpile (NAG) (Stockpile 001) for the operational phase

Stockpile 002's basin is lined with a 1.5 mm double-textured LLDPE geomembrane. A cushion geotextile is placed on top of this geomembrane, followed by a protective cushion layer that is 1 meter thick. In contrast, Stockpile 001 has no liner integrated into its geometry.

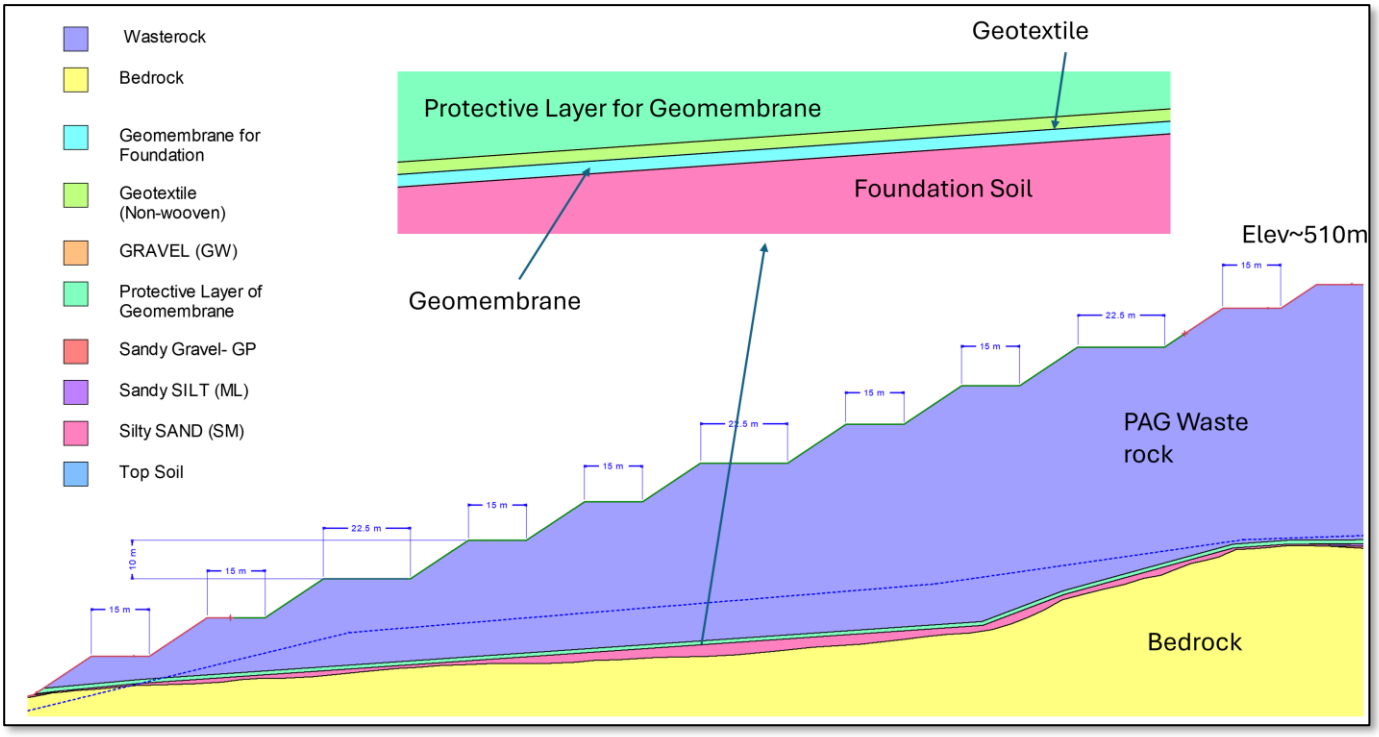


Figure 2-4 H-H Section of Waste Rock Stockpile (PAG) (Stockpile 002) for the operational phase

2.1.1.2 Closure

The typical geometry for the closure phases of Stockpiles 001 and 002 is illustrated in **Figure 2-5** and **Figure 2-6**. During the closure Phase, the benches are designed with a local slope of 3:1 (horizontal to vertical) to promote effective water management. Each bench is 7.5 meters wide.

For Stockpile 001, the closure design consists of a 30 cm-thick layer of crushed stone, topped with a 20 cm layer of topsoil to support hydroseeding (**Figure 2-5**).

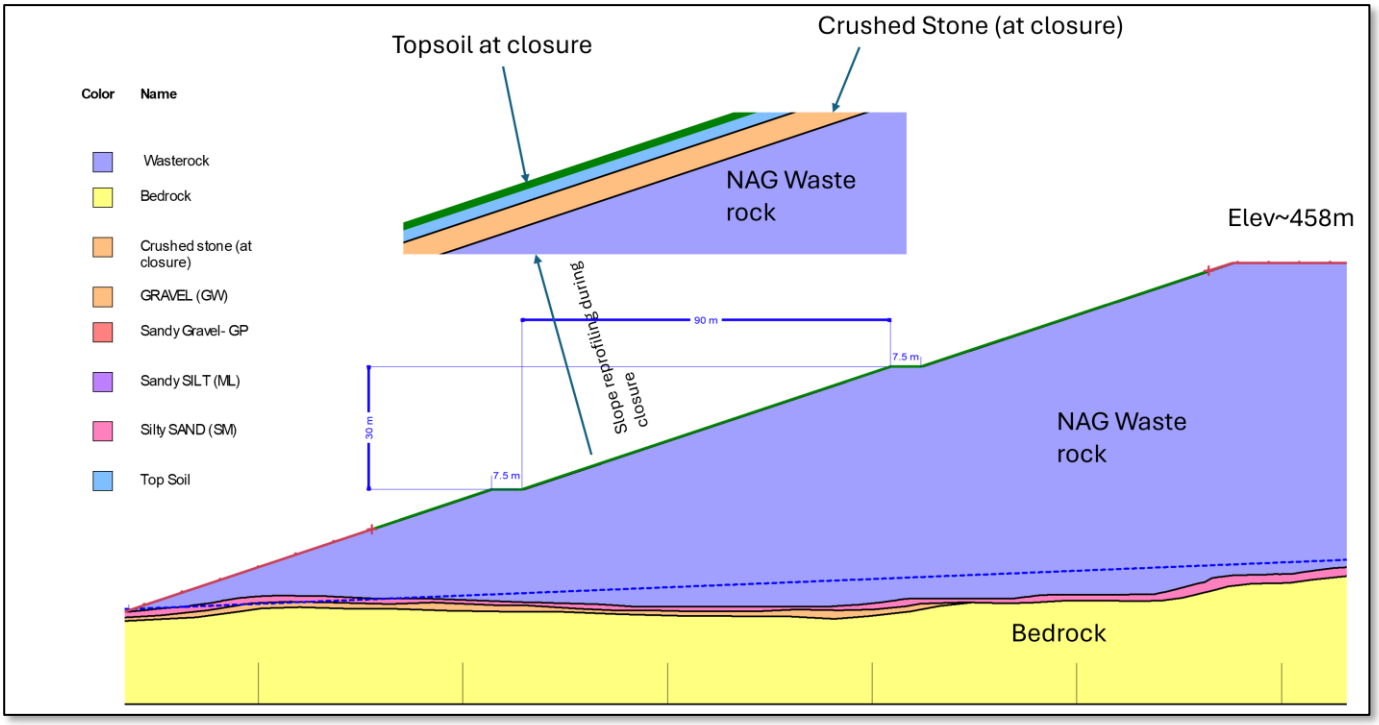


Figure 2-5 A1-A1 Section of Waste Rock Stockpile (NAG) (Stockpile 001) for the Closure

In contrast, the closure model for Stockpile 002 consists of a 30 cm thick layer of crushed stone on the slope, followed by a 15 cm thick sand liner (will be borrowed from overburden) to support the geomembrane. On top of this liner, a 1.5 mm double-textured HDPE geomembrane is incorporated. A geonet is then placed on top of the geomembrane, serving as a drainage layer. Additionally, another 20 cm thick layer of sand borrowed from overburden is applied over the geonet, which is capped with a 20 cm layer of topsoil to facilitate hydroseeding (see **Figure 2-6**). This design ensures accurate replication of the intended closure structure.

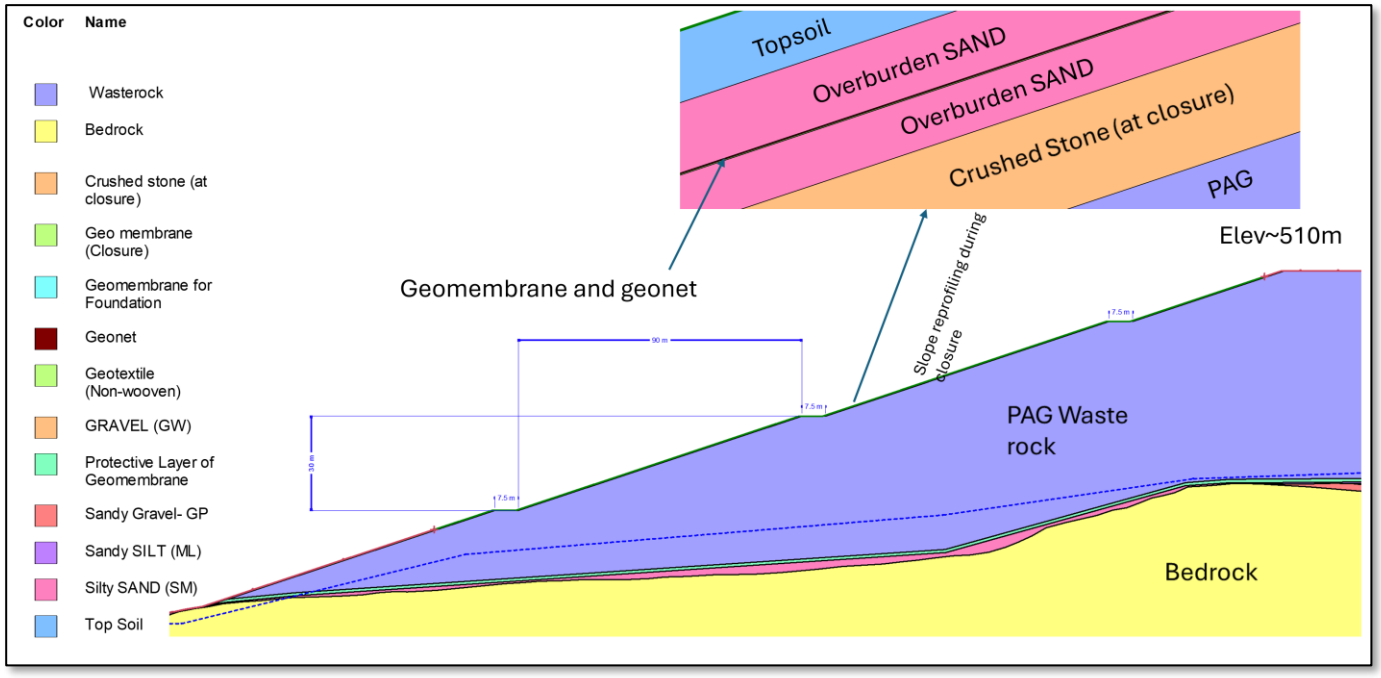


Figure 2-6 H-H Section of Waste Rock Stockpile (PAG) (Stockpile 002) for Closure

2.1.2 Tailings Stockpile (Stockpile 002)

2.1.2.1 Operation

The typical geometry of the tailings portion of stockpile 002 is illustrated in **Figure 2-7**. The tailings stack features a global external slope of 3.25 horizontal to 1 vertical (3.25 H:1 V) and includes intermediate benches that are 7.5 meters wide, spaced every 30 meters of elevation (refer to **Figure 2-7**). The basin is lined with a 1.5 mm double-textured linear low-density polyethylene (LLDPE) geomembrane. A cushion geotextile is placed on top of the geomembrane, and the tailings are modelled directly above this layer.

Additionally, the starter embankment has been incorporated into the model to allow vehicular access to the toe of the tailings facility for inspection purposes. This starter embankment will be constructed using low-risk waste rock. It will be 3 meters high and will have a crest width of 5 meters, as shown in **Figure 2-7**.

2.1.2.2 Closure

Compared to the waste rock at Stockpile 002, the closure model for the tailings does not require a 30 cm thick layer of crushed stone on the slope. A 1.5 mm double-textured HDPE geomembrane is incorporated into the model directly above the tailings (see **Figure 2-7**). A geonet is then placed on top of the geomembrane, acting as a drainage layer. Additionally, a 20 cm thick layer of granular materials is placed over the geomembrane, capped with another 20 cm layer of topsoil to facilitate hydroseeding. This configuration in the model accurately reflects the intended structure of the closure.

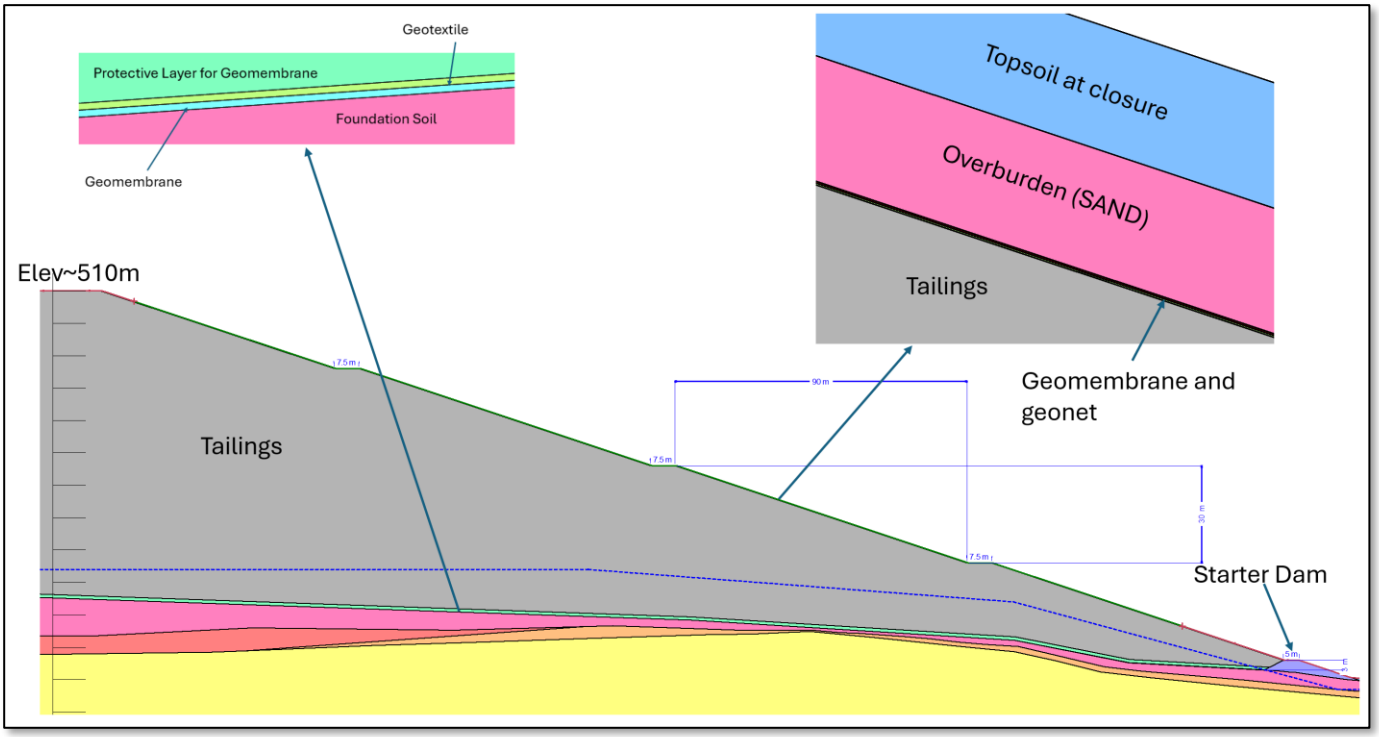


Figure 2-7 B1-B1 Section of Tailings Stockpile for Operation and Closure

2.2 Loading Scenarios and Minimum FoS

Stability analyses were performed under both static and pseudo-static conditions for the three critical sections mentioned earlier. It is important to note that the factor of safety (FoS) for stockpiles classified as non-liquefiable is not addressed by CDA (2019). However, CDA (2019) indicates that if the tailings are non-liquefiable and cannot flow, the facility can be considered a waste disposal area similar to an overburden disposal area. Design guidelines exist for dumps and overburden disposal areas, which would be applicable in this case.

Based on this guidance, the FoS values were determined according to the Quebec Regulations (MRNF, 2024) for dump and overburden stockpiles. Notably, the guidelines from MNRF (2024) are identical to those suggested by BCMWRPRC (1991a) and Hawley and Cunning (2017). The minimum required FoS for both tailings and waste rock stockpiles is presented in **Table 2-1**. The rationale for selecting the loading conditions is explained in the following subsections.

Table 2-1 Minimum Factors of Safety for Stockpile 001 and Stockpile 002 (MRNF, 2024; BCMWRPRC, 1991a and Hawley and Cunning, 2017)

Condition	Minimum Factors of Safety (MRNF, 2024)	
Consequence Classification (CDA, 2019)	**Low to Significant**	**High to Extreme**
Local Stability (each bench)		
Static (Undrained Condition)	1.0	1.1
Static (Drained Condition)	1.2	
Global stability (entire stockpile)		
Static (Undrained condition)	1.3	1.5
Long-term static	1.5	
Pseudo-static	1.1	1.3

2.2.1 Drained

The drained loading condition reflects long-term stability and employs effective stress shear strengths for all materials in the slope stability model. A minimum targeted factor of safety (FOS) of 1.5 has been adopted for the long-term static conditions based on **Table 2-1**.

2.2.2 Undrained

Undrained loading is typically characterized by rapid, short-term loading. Undrained loading can lead to positive excess pore pressures, unlike drained loading conditions, particularly in contractive soils. The minimum target Factor of Safety (FOS) for undrained limit equilibrium stability analyses is 1.3 for low to significant risk and 1.5 for high to extreme risk. However, the tailings materials analyzed in the laboratory are coarse-grained (AtkinsRéalis, 2025b), which means they can be classified as free-draining. Similarly, both Potentially Acid-Generating (PAG) and Non-Acid-Generating (NAG) stockpiles are also free-draining.

It is assumed that all organic materials, topsoil, and clay susceptible to pore water pressure generation from rapid loading will be removed from the footprint of the stockpiles. As a result, undrained loading conditions have not been considered in this study.

2.2.3 Seismicity

This study did not include post-earthquake analyses, which usually evaluate the residual shear strengths of foundational materials that may have liquefied. This decision was made based on borehole investigations indicating that the foundation materials are not expected to experience liquefaction. However, during the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction.

The tailings will be compacted to 95% of the standard Proctor maximum dry density, which makes them non-liquefiable. Consequently, residual strength is not considered in this study. CDA (2019) also clarifies that a tailings facility without ponded water (such as a dry stack) can be designed according to the guidelines for dumps and overburden stockpiles, as long as the dry stack materials are non-liquefiable and cannot flow. Therefore, no post-earthquake analysis was conducted for any of the stockpile materials.

Pseudostatic analysis was performed to assess the dynamic stability of the two stockpiles. Any dry stack designed according to GISTM should meet design criteria corresponding to the extreme consequence classification for post-closure conditions. The site is classified as Class D, with a horizontal seismic acceleration coefficient (K_h) of 0.1g (50% of the PGA for a 1 in 10,000-year event (Extreme), extrapolated from NBCC (2020)) used in the pseudo-static analysis. However, a site-specific seismic hazard assessment is recommended in the next study phase.

2.3 Material Properties

The material density and strength parameters used in the stability analyses were derived by AtkinsRéalis, based on geotechnical investigations conducted by BBA (BBA, 2024), and from laboratory tests on tailings performed at the WSP laboratory (AtkinsRéalis, 2025b). When data from field or laboratory tests was unavailable, assumptions were made based on AtkinsRéalis' experience with similar materials. **Table 2-2** summarizes the material parameters and models utilized in this study. A detailed description of the properties of these materials is provided in the following subsections.

Table 2-2 Material Geotechnical Parameters – Stockpile 001 and 002

Description	γ (kN/m^3)	C' (kPa)	Φ' (˚)	Slope Stability Material Model
Organics/top soil	14	0	18	Mohr-Coulomb
ML - Silt/Sandy Silt/Silt with Gravel	18.5	0	31	Mohr-Coulomb
SM - Silty Sand/Silty Sand with Gravel	19.0	0	34	Mohr-Coulomb
GM - Silty Gravel with Sand/Gravel with Silt and Sand	20.0	0	38	Mohr-Coulomb
GW - Gravel	20.5	0	39	Mohr-Coulomb
Tailings	18	0	37	Mohr-Coulomb
Waste Rock	20	0	38	Mohr-Coulomb
1.5 mm double-textured LLDPE geomembrane (base layer)	9	3.15	30.1	Mohr-Coulomb
Non-woven Geotextile (base layer)	1	3.15	30.1	Mohr-Coulomb
1.5 mm HDPE geomembrane (Cover)	9	0.65	17.8	Mohr-Coulomb
Geonet (Cover)	9	0.65	17.8	Mohr-Coulomb
Protective Layer of Geomembrane/Geotextile	19	0	34	Mohr-Coulomb
Crushed stone (at closure)	19	0	38	Mohr-Coulomb
Bedrock	Impenetrable			

2.3.1 Foundation

BBA Engineering Ltd. (BBA) conducted a geotechnical investigation to assess the subsurface conditions at the proposed stockpile locations (BBA, 2024). BBA (2024) completed a total of sixty-one (61) boreholes for field tests (SPT tests) and laboratory analysis across the entire site. Among these boreholes, eleven (11) are located in stockpile 001, and eight (8) are situated in stockpile 002. The purpose of these boreholes is to determine the stratigraphy and assess the properties of the foundation soil. The selected soil samples were analyzed at the Englobe laboratory in Montréal, where tests were conducted to evaluate particle size distribution, water content, specific gravity, and uniaxial compressive strength (UCS). Additionally, assessments of elastic modulus and Poisson's ratio were performed. AtkinsRéalis analyzed the borehole logs created by BBA, along with laboratory

test data from this investigation, to develop soil profiles for the site according to the Unified Soil Classification System (USCS) and ASTM D2487-17 standards (AtkinsRéalis, 2025a). AtkinsRéalis interpreted the 'N-values' obtained from BBA's Standard Penetration Test (SPT) to provide recommendations on the material properties of the classified soil units.

Based on AtkinsRéalis' interpretations, the foundation beneath the footprints of stockpiles 001 and 002 consists of organic material, followed by a soil unit classified as SILT/Sandy SILT/SILT with Gravel (ML). Below the ML layer, a Silty SAND/Silty SAND with Gravel unit (SM) was identified. Underneath this SM layer is a Silty GRAVEL with Sand/GRAVEL with Silt and Sand unit (GM), followed by a Gravel unit (including cobbles) (GW), which is situated above the bedrock. The estimated friction angles of 31º, 34º, 38º, and 39º, along with unit weights of 18.5, 19.0, 20.0, and 20.5 kN/m³, were derived from the analysis of the SPT 'N-values' for ML, SM, GM, and GW, respectively, and were used in the model.

2.3.2 Tailings

Tailings intended for surface disposal consist of a mixture that includes Primary Coarse DMS floats and degrit, Secondary Coarse DMS degrit, Fine DMS floats and degrit, Ultrafine DMS floats and degrit, Recrushed DMS floats, DMS Mags, and Belt Filter Cake. Laboratory tests of this tailings' mixture indicate a particle size distribution with a D_{80} of 7.68 mm and 2.9% of the material being finer than 75 microns (AtkinsRéalis, 2025b).

The laboratory analysis also determined a standard Proctor maximum dry density of 1,958 kg/m³ and an optimum moisture content of 11.7% (Ww/Ws). Consequently, a unit weight of 95% of the standard Proctor density (1,860 kg/m³ or 18.2 kN/m³) has been utilized in the model.

Based on the interpretations of CIU tests (ASTM D4767), an effective friction angle has been estimated from the model for drained loading conditions. An effective friction angle of 42° has been estimated from the CIU tests for drained loading conditions. For details, please refer to AtkinsRéalis, 2025b. However, it is essential to note that this test was conducted in a controlled laboratory environment, which may not be replicated in the field. Therefore, as a conservative approach, a friction angle of 37° has been used in the stability model analysis.

2.3.3 Waste Rock

There is no laboratory data available for the waste rock. An effective friction angle of 38° and a unit weight of 20 kN/m³ have been assigned to the model based on AtkinsRéalis' prior experience with similar materials, taking a conservative approach.

2.3.4 Geomembrane Liner and Geotextile

As discussed in section 2.1.2.1, the basin of stockpile 002 is lined with a geomembrane that has a cushion of nonwoven geotextile placed on top, which has been incorporated into the model geometry. The interface between the geotextile and the geomembrane is crucial for ensuring slope stability. To address this issue, a series of stability analyses were conducted using various combinations of geomembrane and geotextile types at a fully defined slip surface. The study demonstrated that the combination of a 1.5 mm (60 mil) double-textured LLDPE geomembrane and a nonwoven geotextile provided the highest factor of safety (FoS). As a result, this combination was selected for the design.

The LLDPE was modelled as drained, with an effective friction angle of 30.1 degrees and a unit weight of 9 kN/m³. At the same time, the nonwoven geotextile was also modelled assigning a unit weight of 1 kN/m³ for each loading condition. These model parameters were adopted from the AtkinsRéalis' database and based on specifications from various vendors.

2.3.5 Bedrock

The Slope failure surfaces are assumed not to pass through the bedrock. Therefore, bedrock is modelled as impenetrable, and no model parameter was assigned.

2.4 Phreatic Surface Assumption

The model has assigned a conservative phreatic surface based on a steady-state model where the water table lowers to the level of the peripheral drains below the natural terrain.

2.5 Stability Analysis Results

Drained and pseudo-static loading conditions were evaluated for all three sections at the maximum stockpile height. Undrained loading conditions were not assessed because it was assumed that water could quickly drain from the soil. Both global and local failures were investigated.

The analysis considered the critical failure surface at the interfaces between the geomembrane and geotextile materials. It was determined that the interface between the double-textured LLDPE geomembrane and the nonwoven geotextile was not a critical failure surface.

Both circular and non-circular failure mechanisms were evaluated. The predominant failure mechanism, which resulted in the lowest FoS, was identified as non-circular. Consequently, the results presented in this memo are based on non-circular failure.

There is a slight geometry difference between the project's operational and closure phases. For example, the number of benches in waste rock stockpiles 001 and 002 is higher during the operational phase than in the closure phase. While this difference may have a minor impact on the factor of safety (FoS), it is not significant. Overall, the FoS during the operational phase is slightly higher than during the closure phase.

The FoS for stockpile 001 is slightly higher than that for stockpile 002, which can be attributed to the lower height and weight of stockpile 001. This results in a comparatively lower sliding moment relative to the resisting moment. Additionally, the FoS of the tailings stockpile is lower than that of the waste rock stockpile since tailings generally have less shear strength than waste rock.

There are slight variations in the FoS among local failures across different benches, attributed to the varying orientation of entry-exit lines and the positioning of the benches. Generally, benches at higher elevations exhibit a higher FoS than those at lower elevations.
As shown in **Table 2-3**, the proposed configurations and optimizations demonstrate that the FoS for stockpile 001 meets the minimum requirements established by the Québec Regulations (MRNF, 2024) across all loading scenarios, including both global and local failure.

Table 2-3 Factor of Safety of the Slope Stability Analysis

Stockpile	Phase	Section	Loading Conditions	Minimum requirement of FoS	FoS	Reference	Failure Type
001	Operational	A1-A1	Static (Drained)	1.5	2.53	Figure A-1	Global
002	Operational	H-H	Static (Drained)	1.5	2.31	Figure A-2	Global
002	Operational	B1-B1	Static (Drained)	1.5	2.13	Figure A-3	Global
001	Operational	A1-A1	Pseudo-static	1.3	1.91	Figure A-4	Global
002	Operational	H-H	Pseudo-static	1.3	1.76	Figure A-5	Global
002	Operational	B1-B1	Pseudo-static	1.3	1.60	Figure A-6	Global
001	Closure	A1-A1	Static (Drained)	1.5	2.41	Figure A-7	Global
002	Closure	H-H	Static (Drained)	1.5	2.32	Figure A-8	Global
002	Closure	B1-B1	Static (Drained)	1.5	2.13	Figure A-9	Global
001	Closure	A1-A1	Pseudo-static	1.3	1.84	Figure A-10	Global
002	Closure	H-H	Pseudo-static	1.3	1.75	Figure A-11	Global
002	Closure	B1-B1	Pseudo-static	1.3	1.60	Figure A-12	Global
001	Operational	A1-A1	Static (Drained)	1.2	1.80	Figure A-13	Local (Bench 1)
001	Operational	A1-A1	Static (Drained)	1.2	1.30	Figure A-14	Local (Bench 2)
001	Operational	A1-A1	Static (Drained)	1.2	1.22	Figure A-15	Local (Bench 3)
001	Operational	A1-A1	Static (Drained)	1.2	1.27	Figure A-16	Local (Bench 4)
001	Operational	A1-A1	Static (Drained)	1.2	1.26	Figure A-17	Local (Bench 5)
001	Operational	A1-A1	Static (Drained)	1.2	1.25	Figure A-18	Local (Bench 6)
001	Operational	A1-A1	Static (Drained)	1.2	1.25	Figure A-19	Local (Bench 7)
001	Operational	A1-A1	Static (Drained)	1.2	1.38	Figure A-20	Local (Bench 8)
001	Operational	A1-A1	Static (Drained)	1.2	1.24	Figure A-21	Local (Bench 9)
001	Closure	A1-A1	Static (Drained)	1.2	2.41	Figure A-22	Local (Bench 1)
001	Closure	A1-A1	Static (Drained)	1.2	2.33	Figure A-23	Local (Bench 2)
001	Closure	A1-A1	Static (Drained)	1.2	2.21	Figure A-24	Local (Bench 3)
002	Operational	H-H	Static (Drained)	1.2	1.63	Figure A-25	Local (Bench 1)

Stockpile	Phase	Section	Loading Conditions	Minimum requirement of FoS	FoS	Reference	Failure Type
002	Operational	H-H	Static (Drained)	1.2	1.49	Figure A-26	Local (Bench 2)
002	Operational	H-H	Static (Drained)	1.2	1.31	Figure A-27	Local (Bench 3)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure A-28	Local (Bench 4)
002	Operational	H-H	Static (Drained)	1.2	1.36	Figure A-29	Local (Bench 5)
002	Operational	H-H	Static (Drained)	1.2	1.42	Figure A-30	Local (Bench 6)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure A-31	Local (Bench 7)
002	Operational	H-H	Static (Drained)	1.2	1.42	Figure A-32	Local (Bench 8)
002	Operational	H-H	Static (Drained)	1.2	1.46	Figure A-33	Local (Bench 9)
002	Operational	H-H	Static (Drained)	1.2	1.37	Figure A-34	Local (Bench 10)
002	Operational	H-H	Static (Drained)	1.2	1.35	Figure A-35	Local (Bench 11)
002	Closure	H-H	Static (Drained)	1.2	2.43	Figure A-36	Local (Bench 1)
002	Closure	H-H	Static (Drained)	1.2	2.37	Figure A-37	Local (Bench 2)
002	Closure	H-H	Static (Drained)	1.2	2.44	Figure A-38	Local (Bench 3)
002	Closure	H-H	Static (Drained)	1.2	2.21	Figure A-39	Local (Bench 4)
002	Operational	B1-B1	Static (Drained)	1.2	2.36	Figure A-40	Local (Bench 1)
002	Operational	B1-B1	Static (Drained)	1.2	2.28	Figure A-41	Local (Bench 2)
002	Operational	B1-B1	Static (Drained)	1.2	2.28	Figure A-42	Local (Bench 3)
002	Operational	B1-B1	Static (Drained)	1.2	1.84	Figure A-43	Local (Bench 4)
002	Closure	B1-B1	Static (Drained)	1.2	2.33	Figure A-44	Local (Bench 1)
002	Closure	B1-B1	Static (Drained)	1.2	2.36	Figure A-45	Local (Bench 2)
002	Closure	B1-B1	Static (Drained)	1.2	2.29	Figure A-46	Local (Bench 3)
002	Closure	B1-B1	Static (Drained)	1.2	1.90	Figure A-47	Local (Bench 4)

3 Conclusions

A study has investigated the stability of stockpiles 001 and 002. The following conclusions can be drawn from the study:

- The Factor of Safety (FoS) for both stockpiles 001 and 002 meets the minimum requirements set by the Quebec Regulations (MRNF, 2024) under different loading conditions for both the operational and closure stages;
- The lowest safety factors identified were found to be non-circular;
- The factor of safety (FoS) for stockpile 001 is slightly higher than that for stockpile 002. This is due to the lower height and weight of stockpile 001 compared to stockpile 002, which results in a relatively lower sliding moment than the resisting moment;
- The FoS of the tailings stockpile is lower than that of the waste rock stockpile since tailings generally have less shear strength than waste rock, and
- There are some uncertainties regarding the foundation's strength under the footprint of stockpiles 001 and 002. During the detailed design phase, further geotechnical investigations will be necessary to determine whether any thick, weak layers beneath the stockpile footprints might be at risk of liquefaction. The design should be adjusted accordingly based on these findings.

4 References

Atkins Realis, 2025a, Foundation recommendations for site infrastructure, document number CASN-A-370-GT-MEM-0002

Atkins Realis, 2025b, Geotechnical Laboratory Analysis of Tailings, document number CASN-A-370-GT-MEM-0003

BBA 2024. Shaakichiuwaanaan Project, Technical Report, Geotechnical Campaign for Phase 2 (factual), Preliminary, 7535009-020001-4G-ERA-0003-RAA

BCMWRPRC, 1991b. Operating and Monitoring Manual – Interim Guidelines. Mine Rock and Overburden Piles 2. Prepared by Klohn Leonoff Ltd, May 1991.

CDA, 2019. Technical Bulletin: Application of Dam Safety Guidelines to Mining Dams, 2014 (2019 Edition). Canadian Dam Association

GlobalTailingsReview.org, 2020. Global Industry Standard on Tailings Management (GISTM). https://globaltailingsreview.org/global-industry-standard/.

Hawley, M. and Cunning, J. (editors), 2017. Guidelines for Mine Waste Dump and Stockpile Design. CSIRO Publishing.

MELCCFP, 2025. Directive 019 sur l'industrie minière, 13 février 2025. Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs, Gouvernement du Québec – 2025. [Accessed in French at: https://www.environnement.gouv.qc.ca/milieu_ind/directive019/directive-019-2025.pdf].

MRNF, 2024. Guide de préparation du plan de réaménagement et de restauration des sites miniers au Québec, Octobre 2024. Ministère des Ressources naturelles et des Forêts, Gouvernement du Québec – 2024. [Accessed in French at: https://www.mern.gouv.qc.ca/wpcontent/uploads/GM_restauration_sites_miniers_MERN.pdf]

NBCC (2020). National Building Code of Canada Seismic Hazard Tool, 2020 National Building Code of Canada Seismic Hazard Tool

Appendix A Stability Analysis Results

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	Bedrock	Bedrock (Impenetrable)				1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

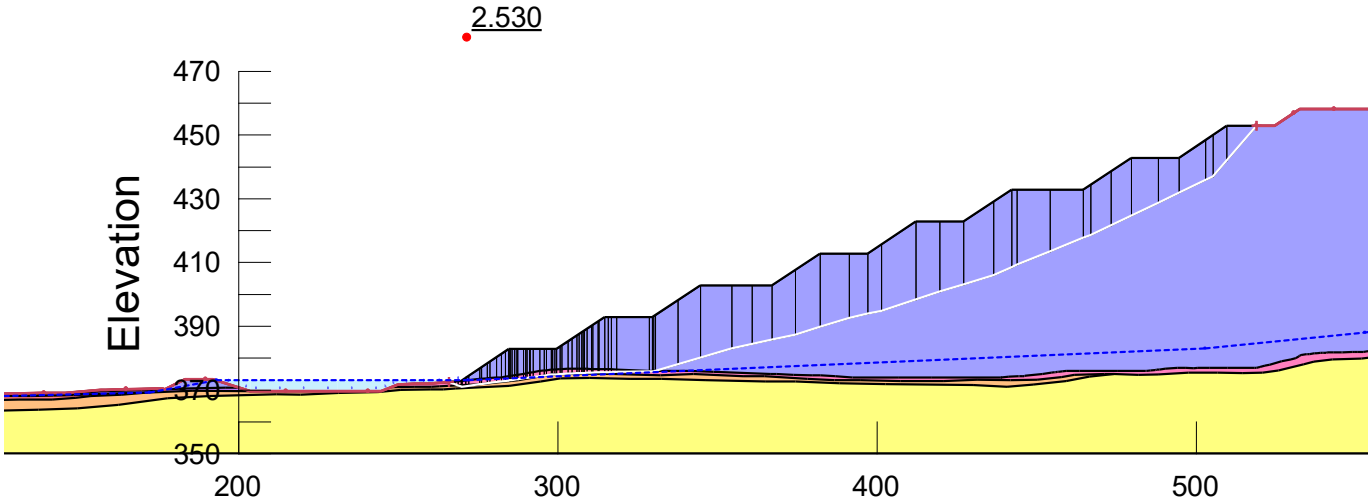


Figure A-1: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase

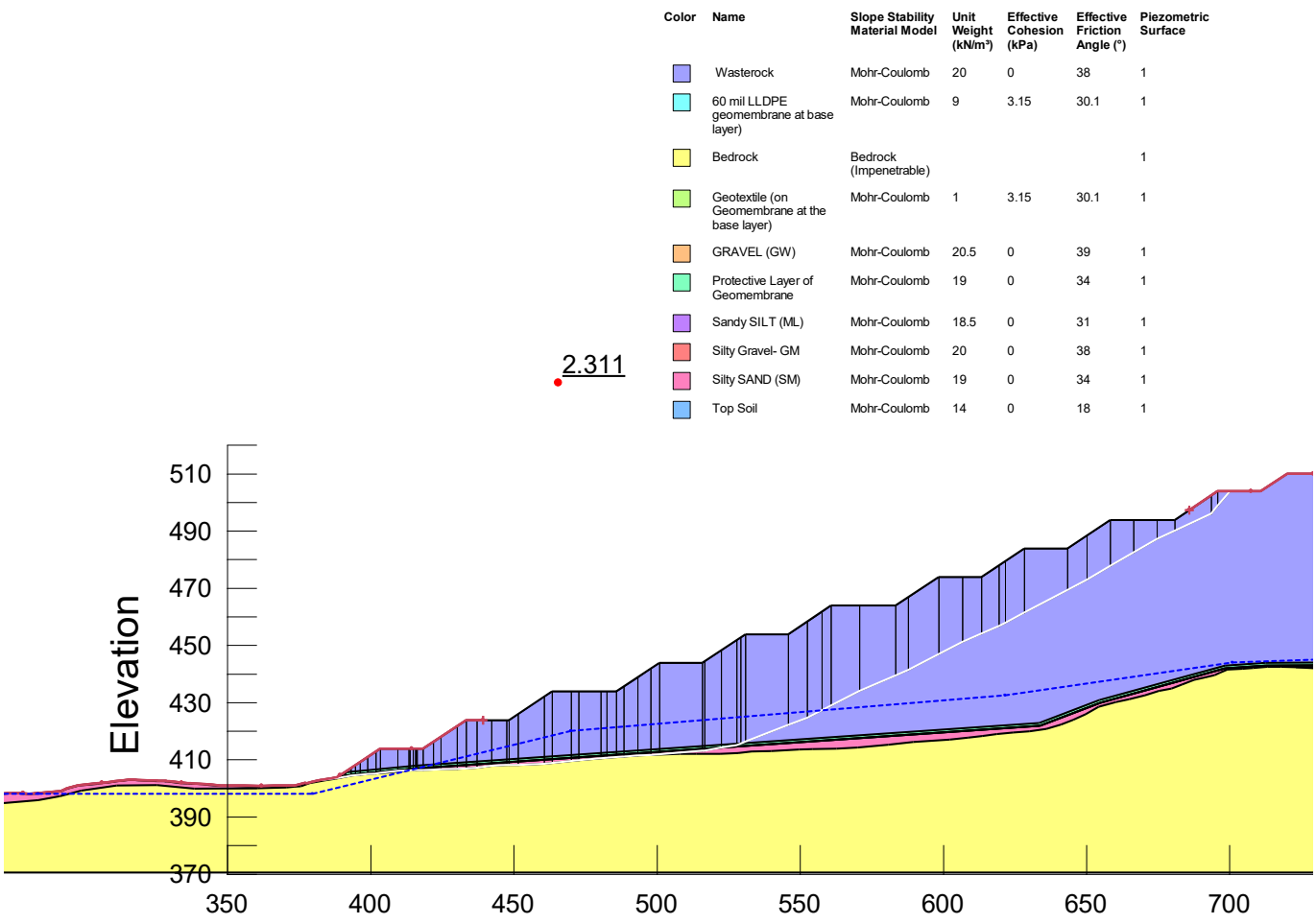


Figure A-2: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

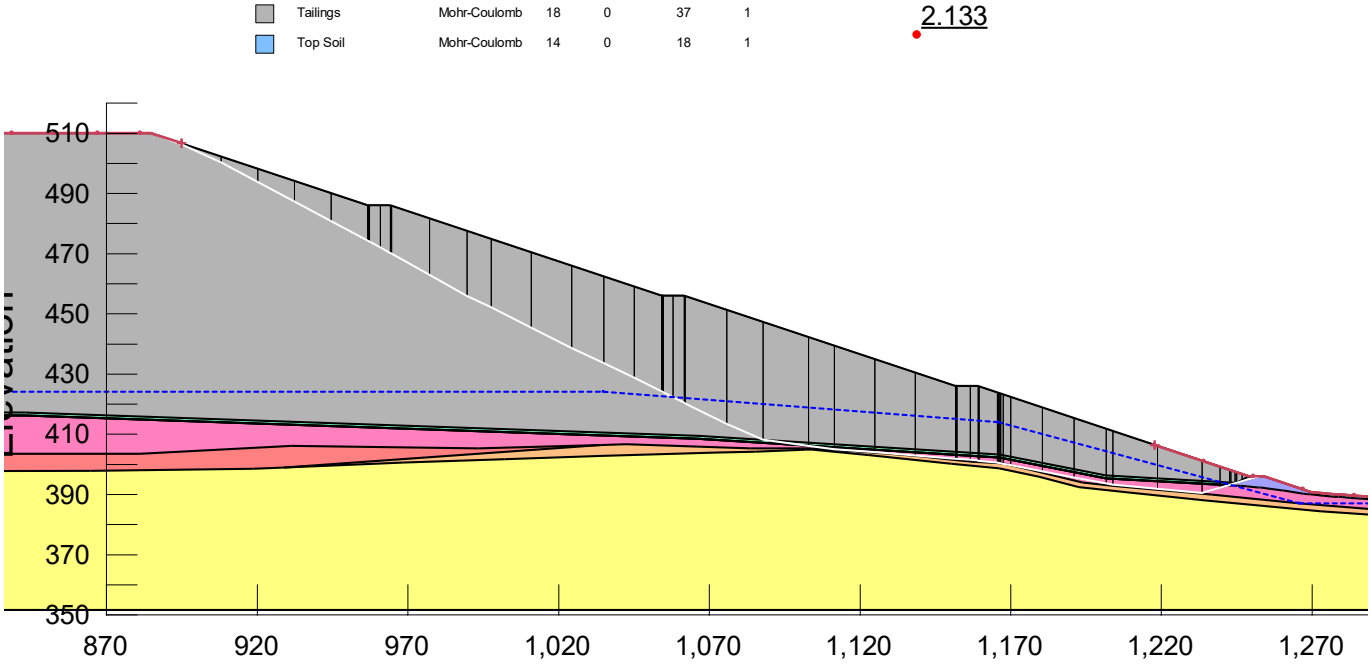


Figure A-3: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase

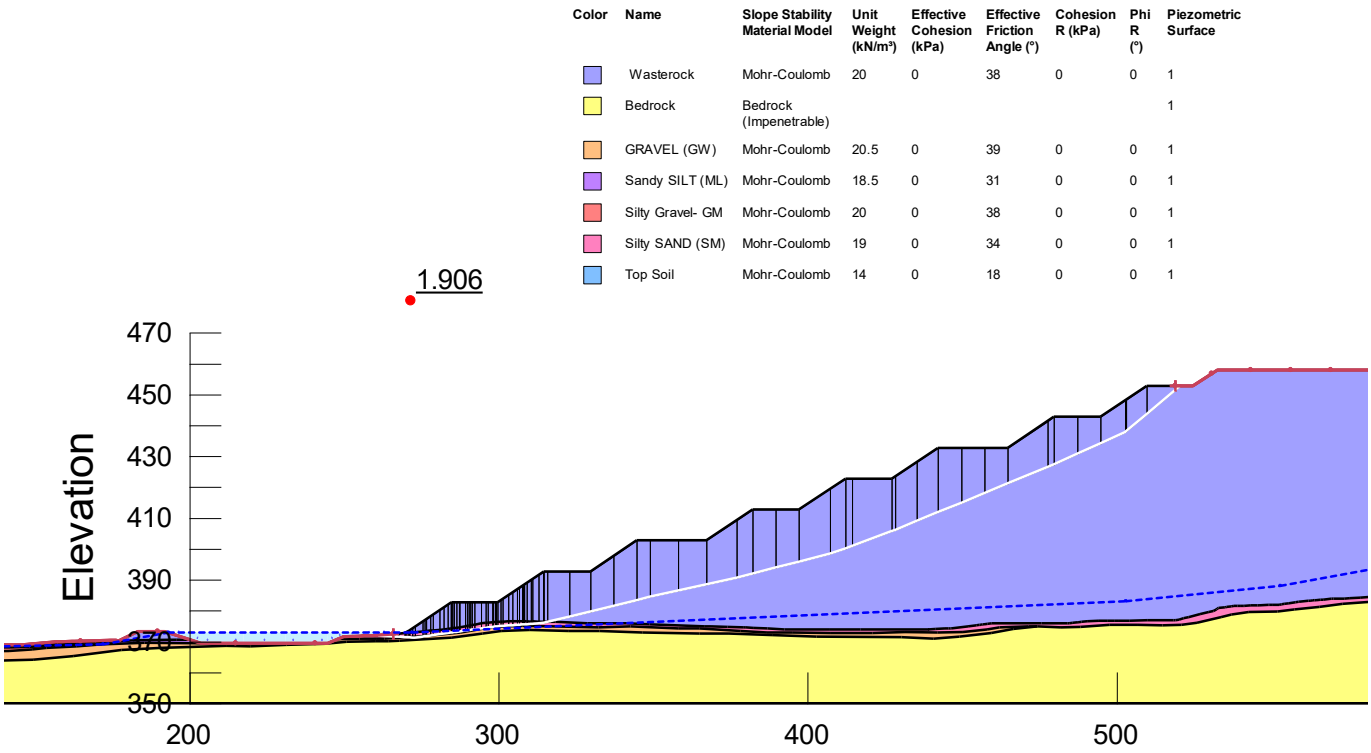


Figure A-4: Stability Results for Static (Pseudostatic) Analysis at Stockpile 001 for NAG at Operational Phase

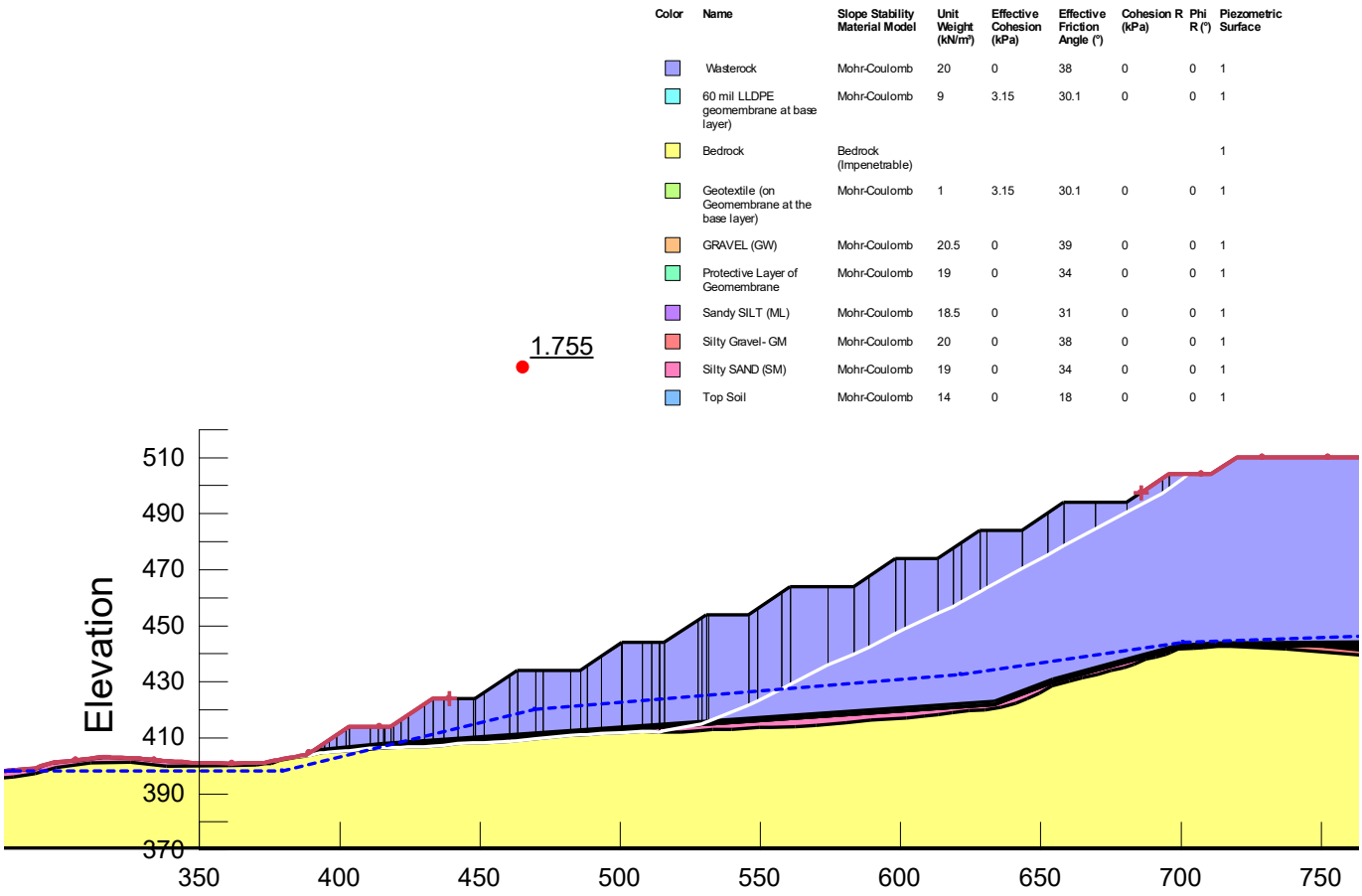


Figure A-5: Stability Results for Static (Pseudostatic) Analysis at Stockpile 002 for PAG at Operational Phase

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Tailings	Mohr-Coulomb	18	0	37	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

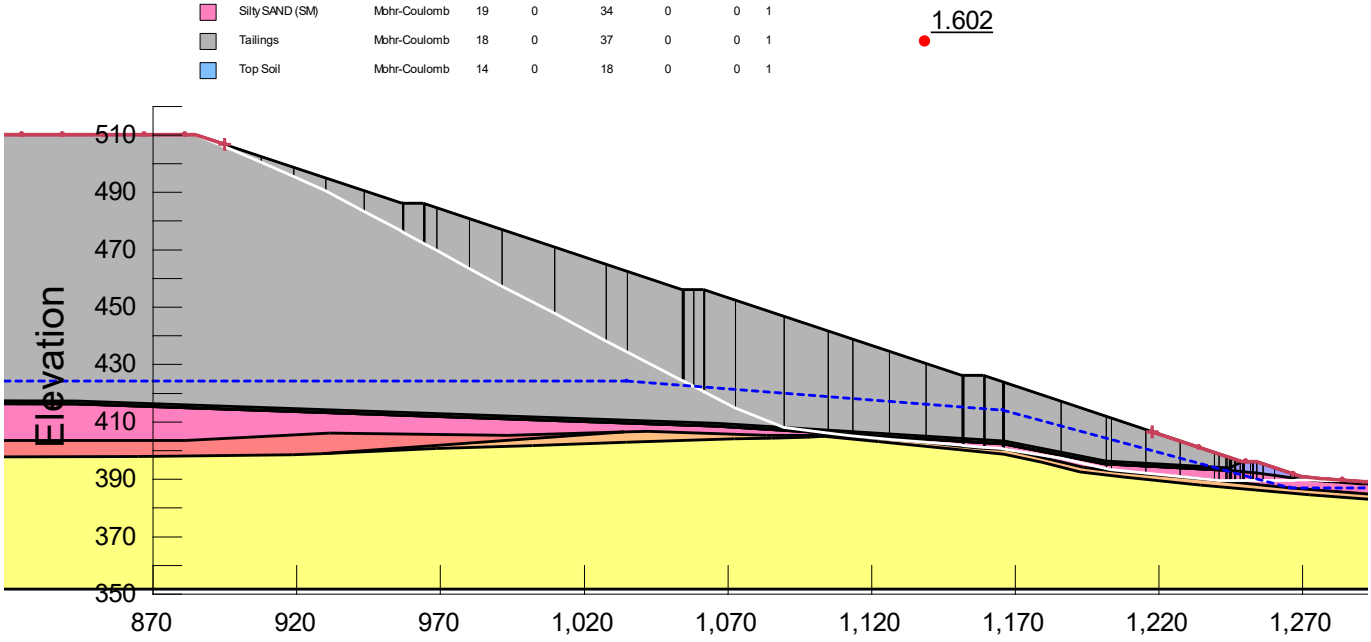


Figure A-6: Stability Results for Static (Pseudostatic) Analysis at Stockpile 002 for Tailings at Operational Phase

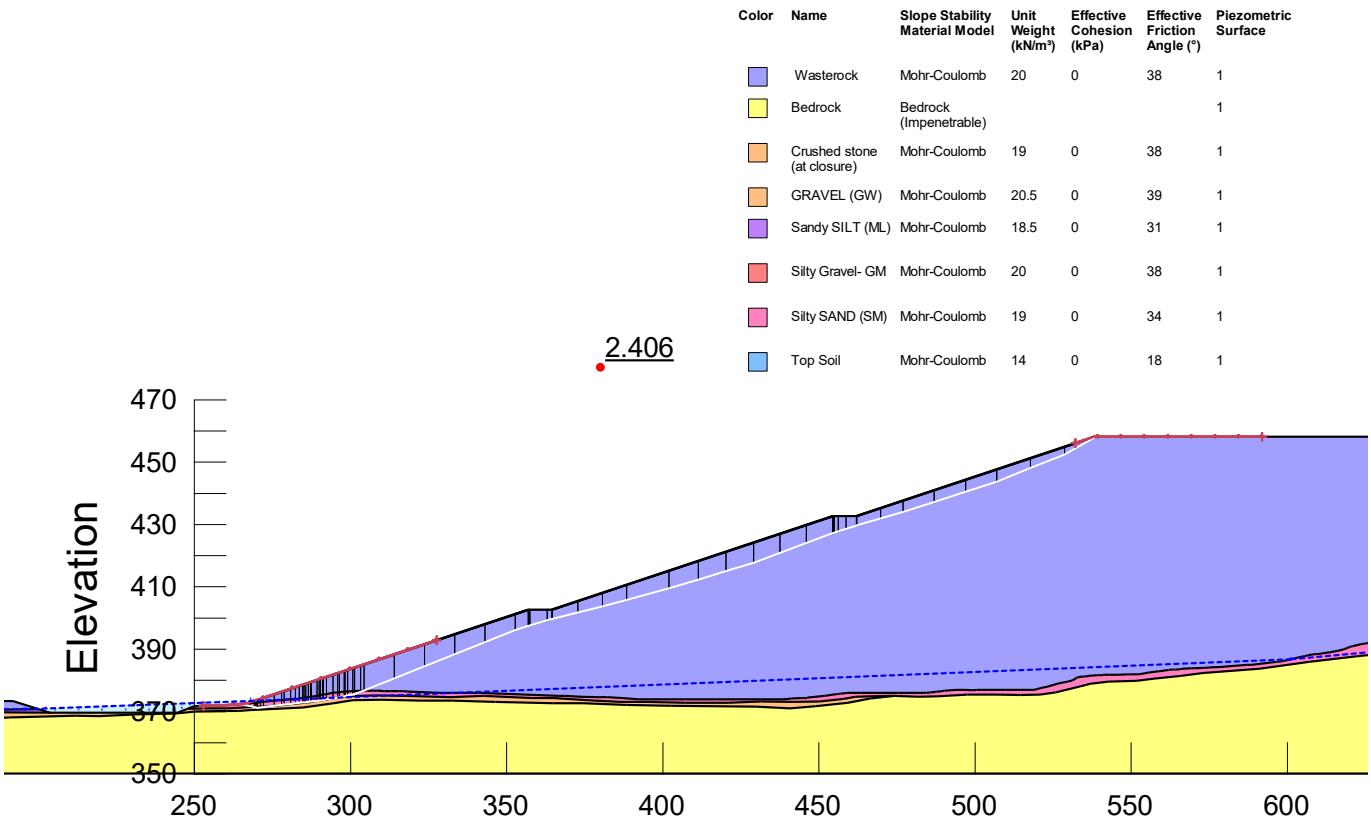


Figure A-7: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure

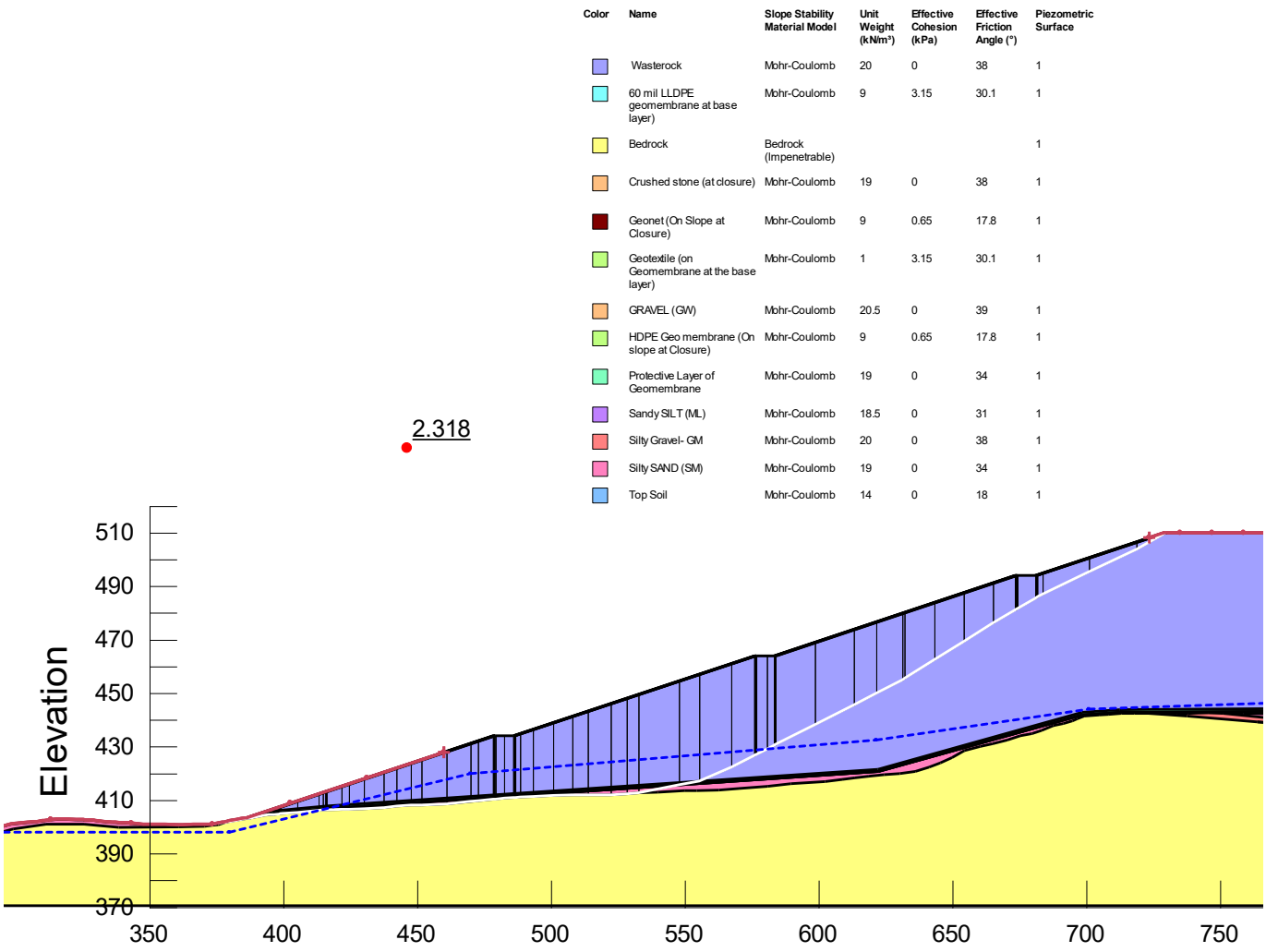


Figure A-8: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

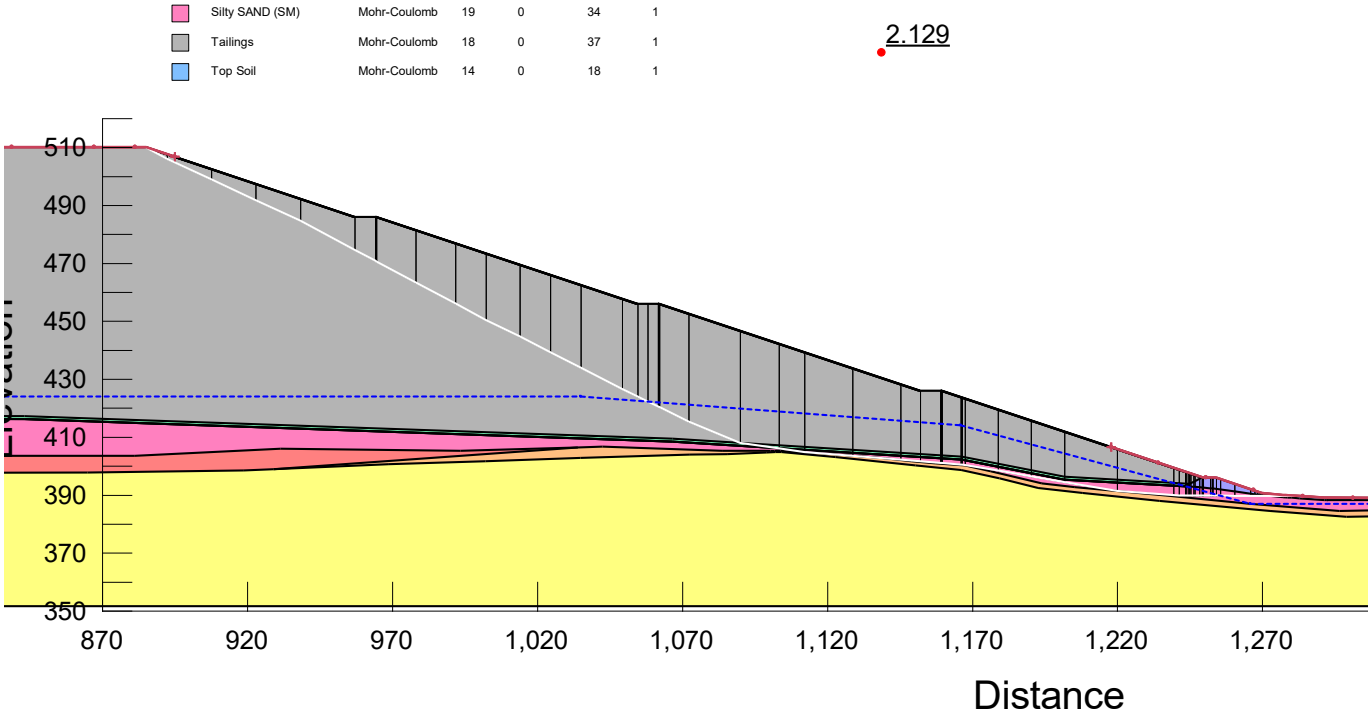


Figure A-9: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

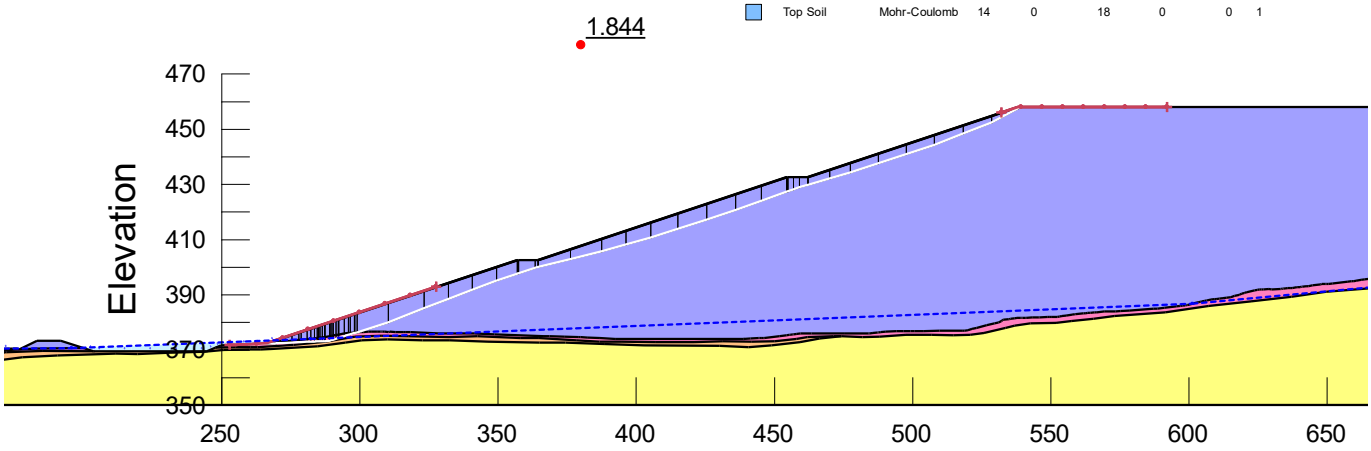


Figure A-10: Stability Results for Psudostatic Analysis at Stockpile 001 for NAG at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	0	0	1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	0	0	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

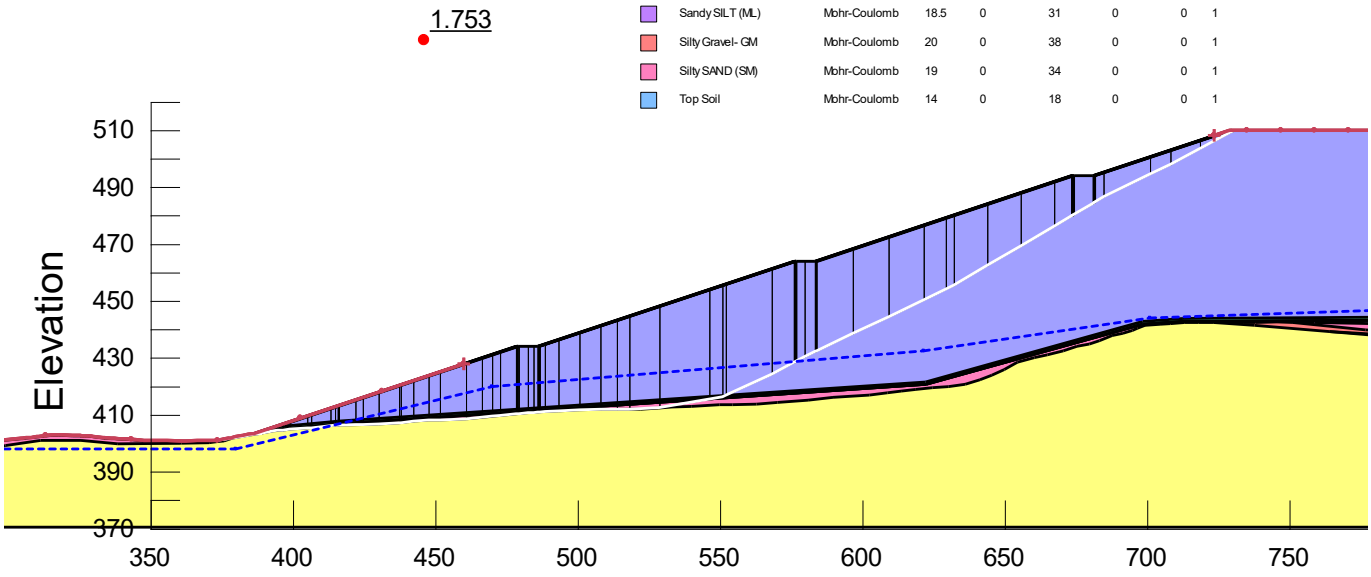


Figure A-11: Stability Results for Psudostatic Analysis at Stockpile 002 for PAG at Closure

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Cohesion R (kPa)	Phi R (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	0	0	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	0	0	1
	Bedrock	Bedrock (Impenetrable)						1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	0	0	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	0	0	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	0	0	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	0	0	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	0	0	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	0	0	1
	Tailings	Mohr-Coulomb	18	0	37	0	0	1
	Top Soil	Mohr-Coulomb	14	0	18	0	0	1

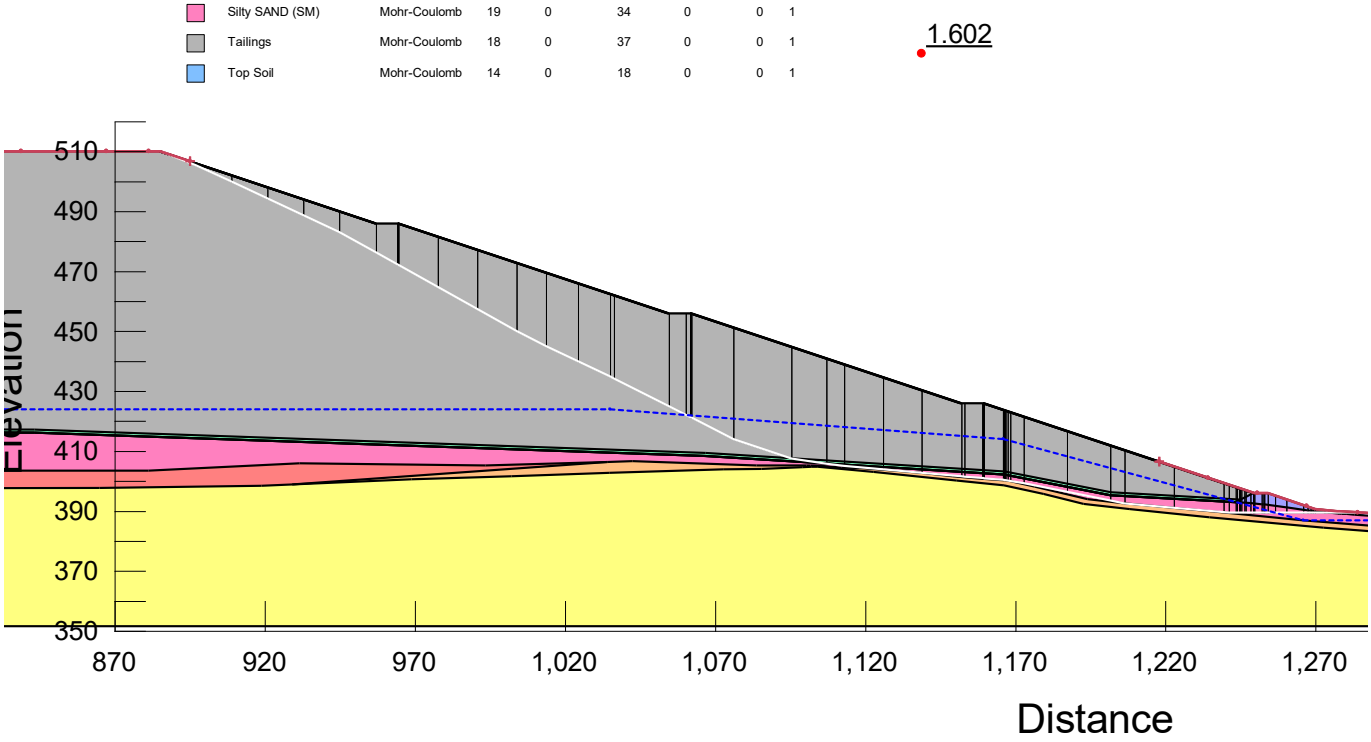


Figure A-12: Stability Results for Psudostatic Analysis at Stockpile 002 for Tailings at Closure

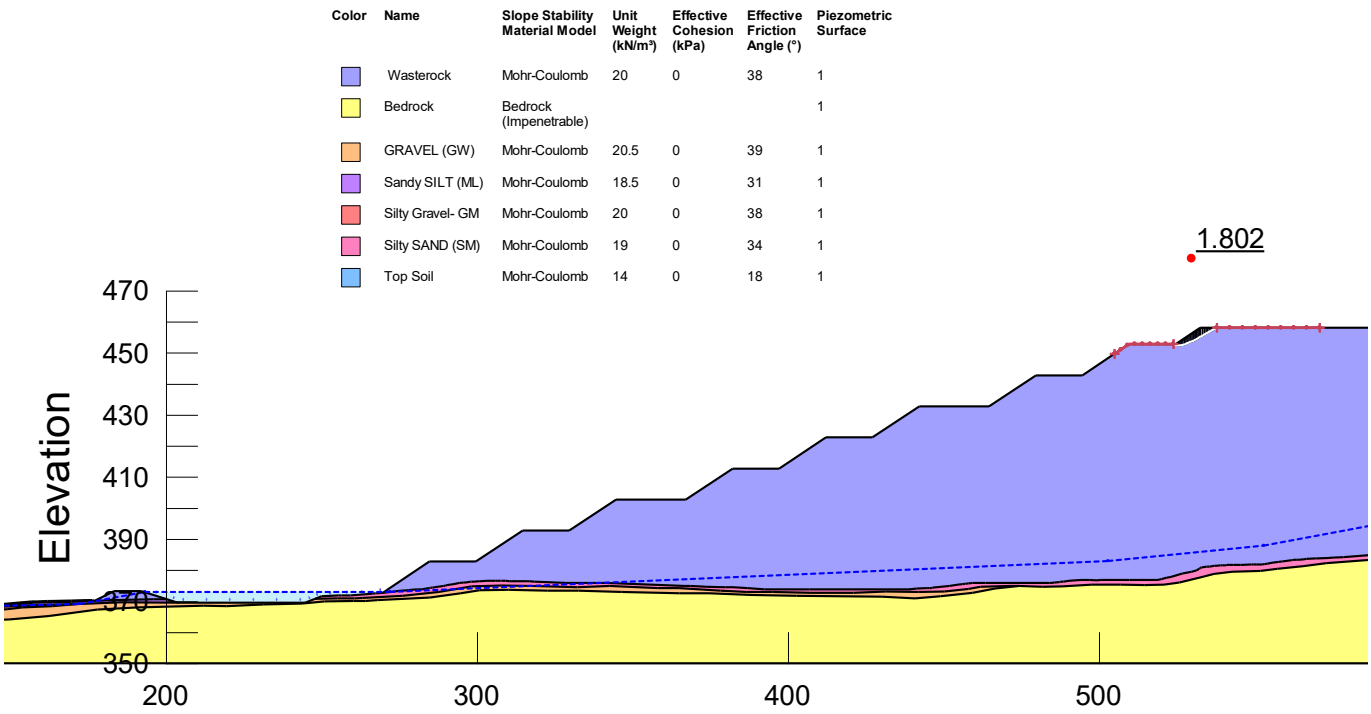


Figure A-13: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 1)

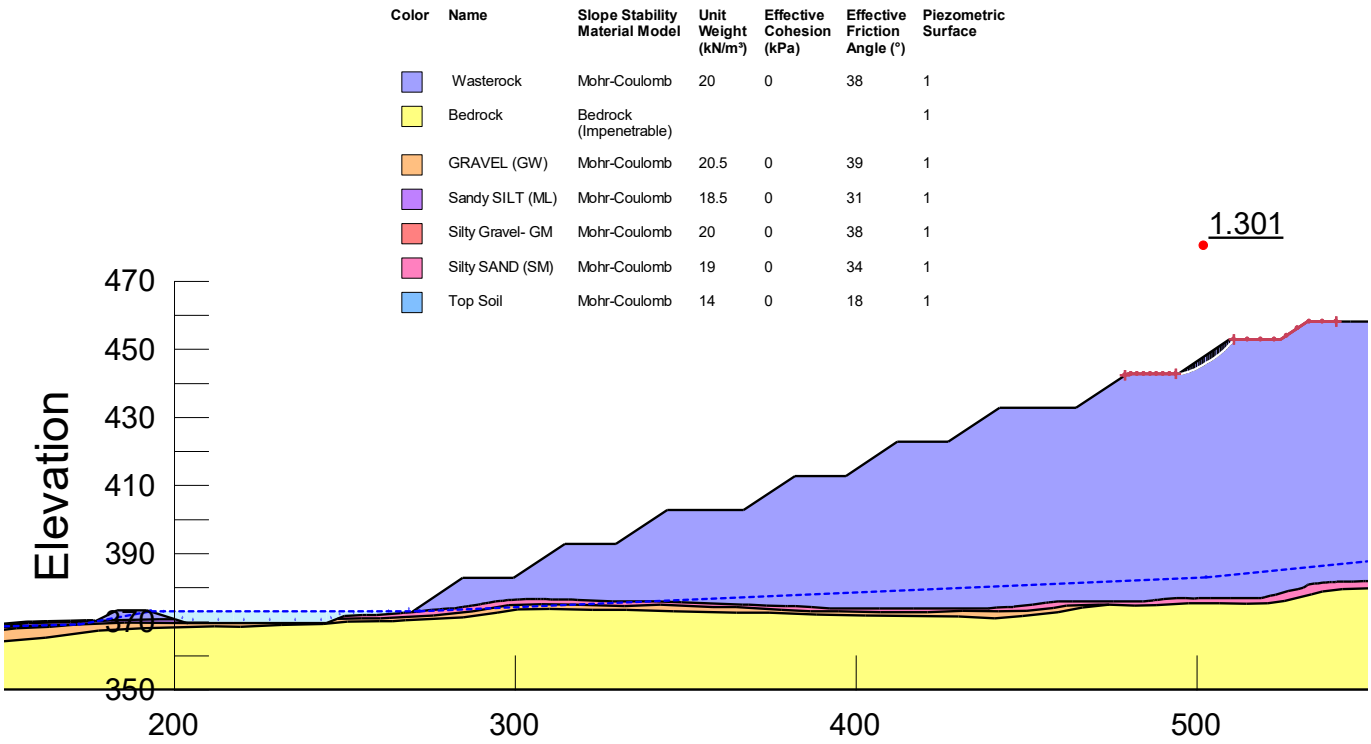


Figure A-14: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 2)

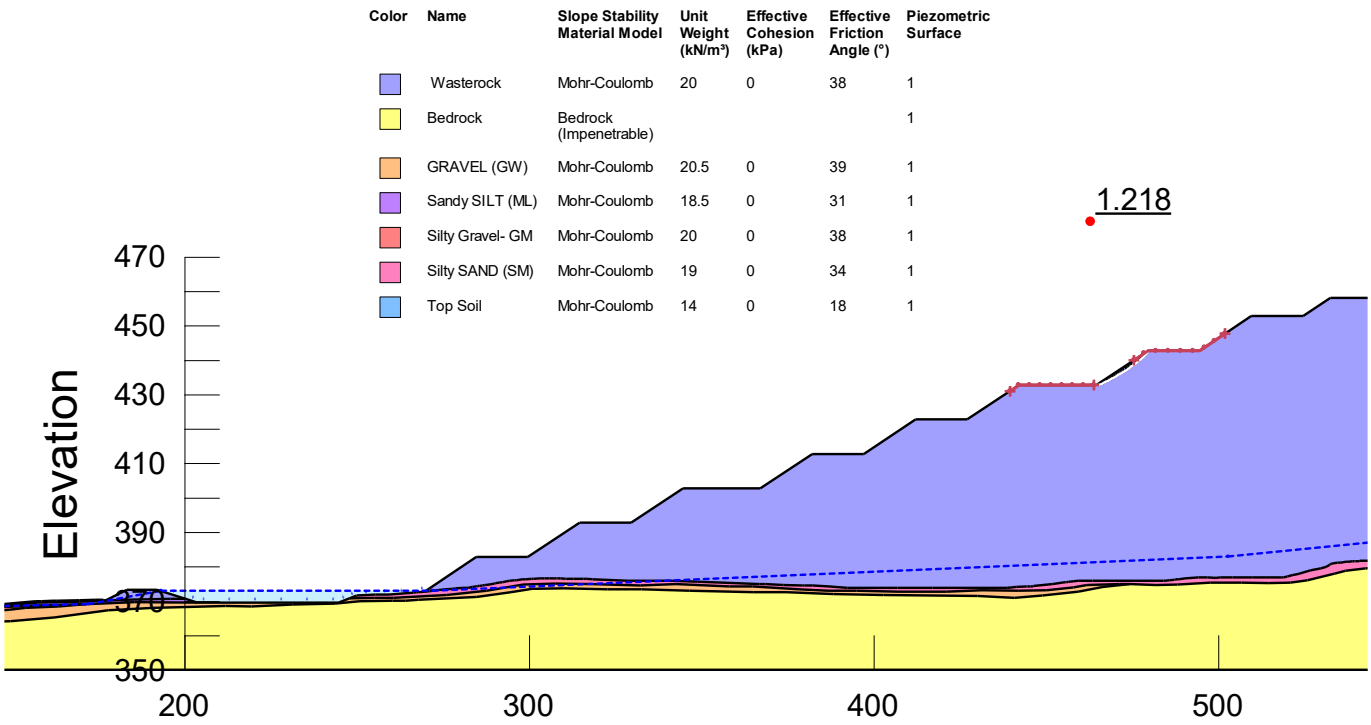


Figure A-15: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 3)

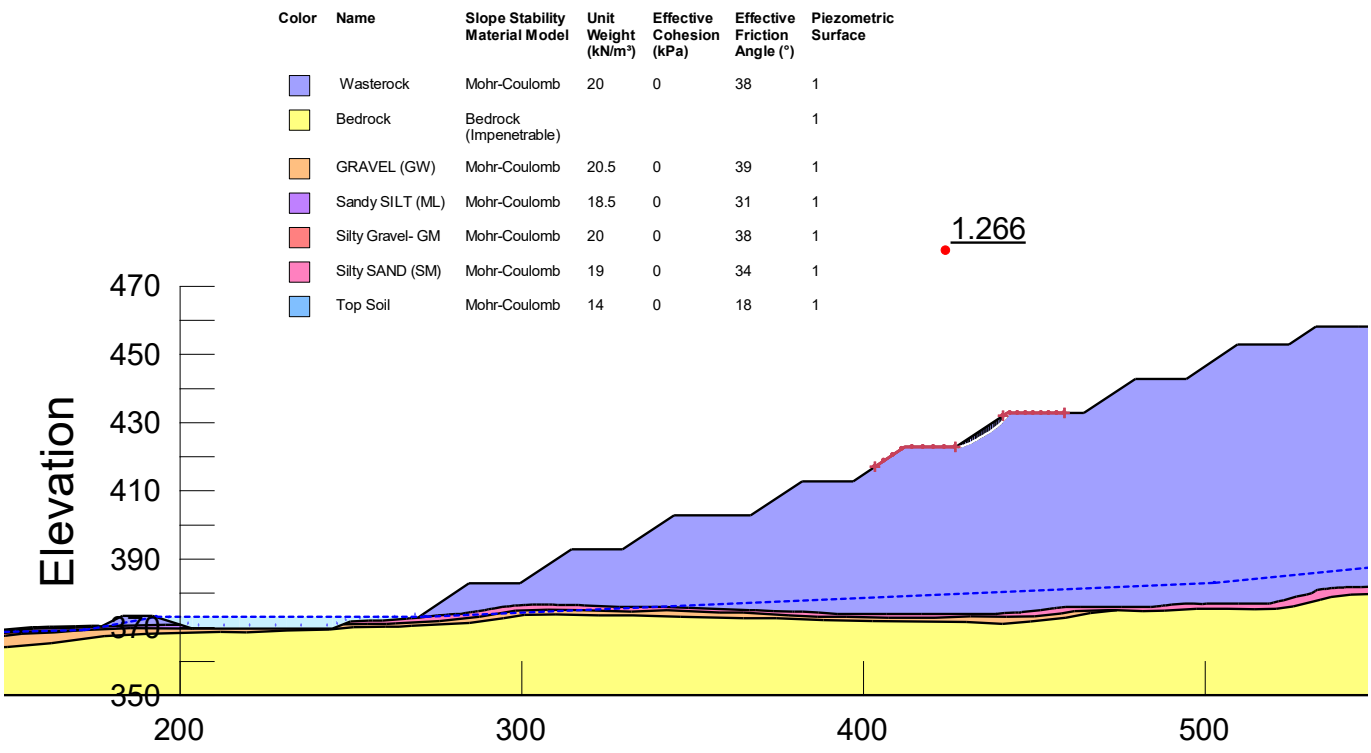


Figure A-16: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 4)

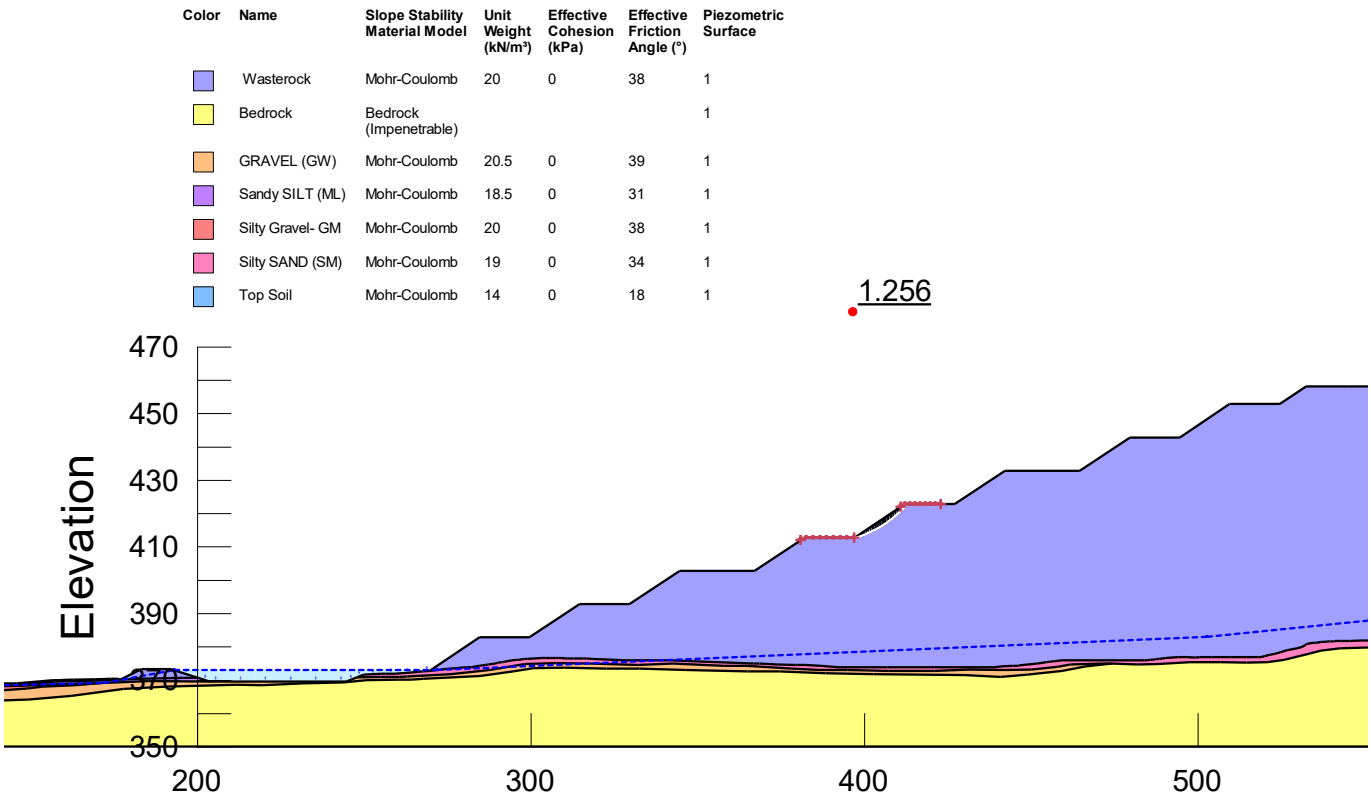


Figure A-17: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 5)

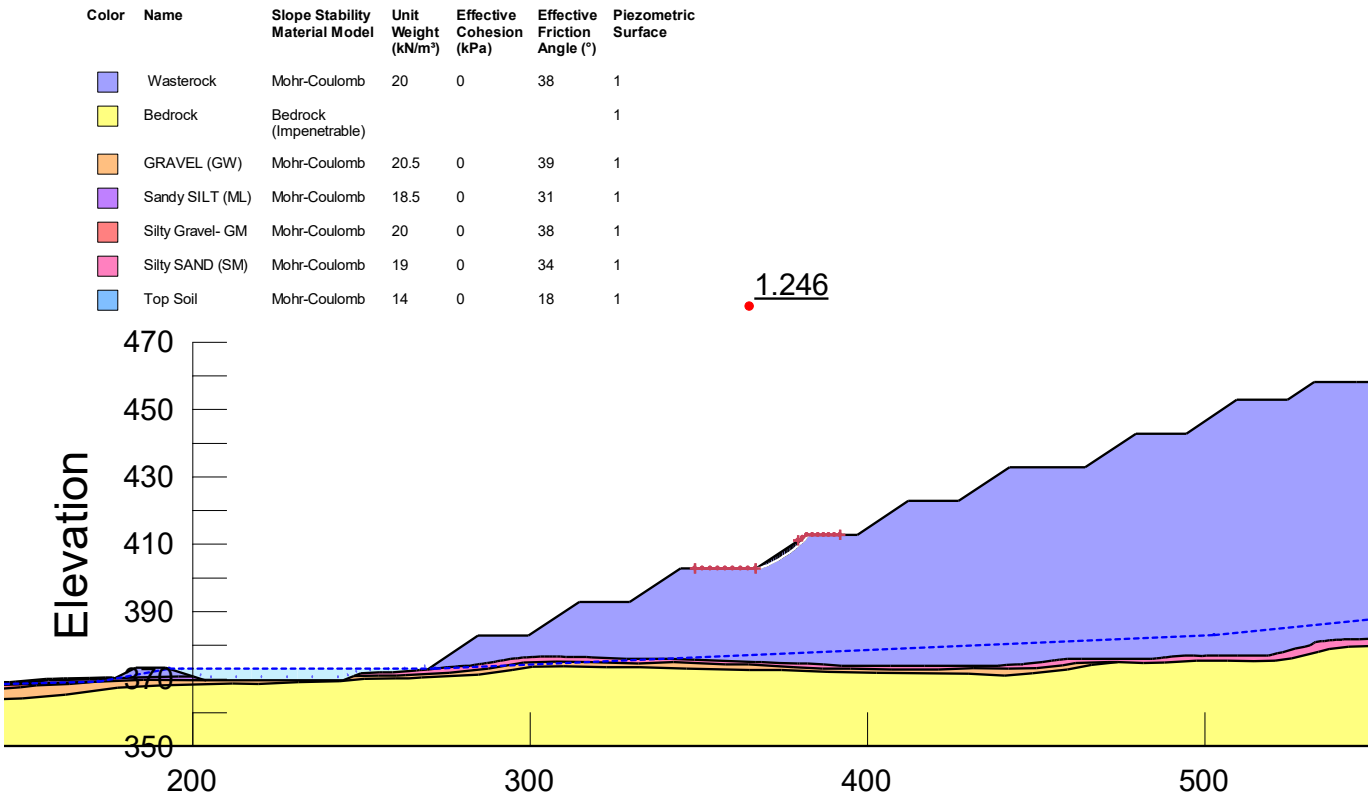


Figure A-18: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 6)

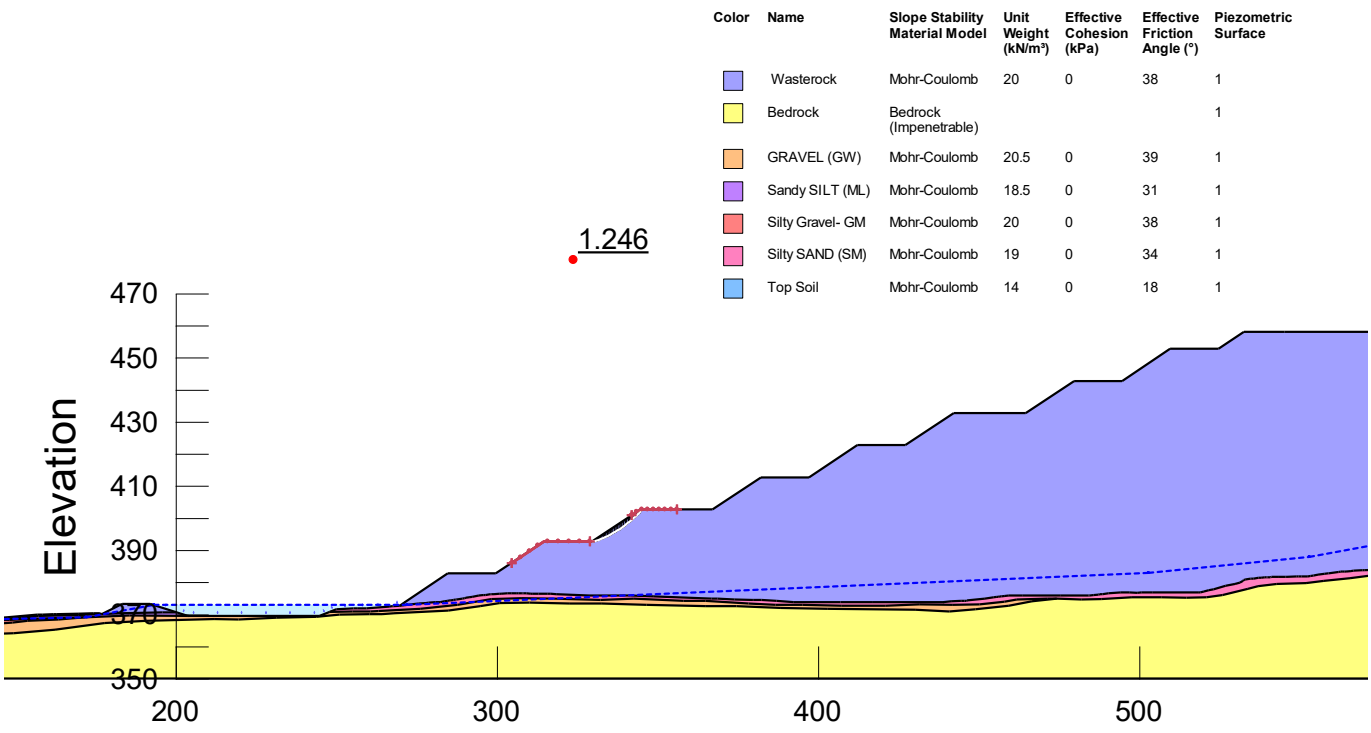


Figure A-19: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 7)

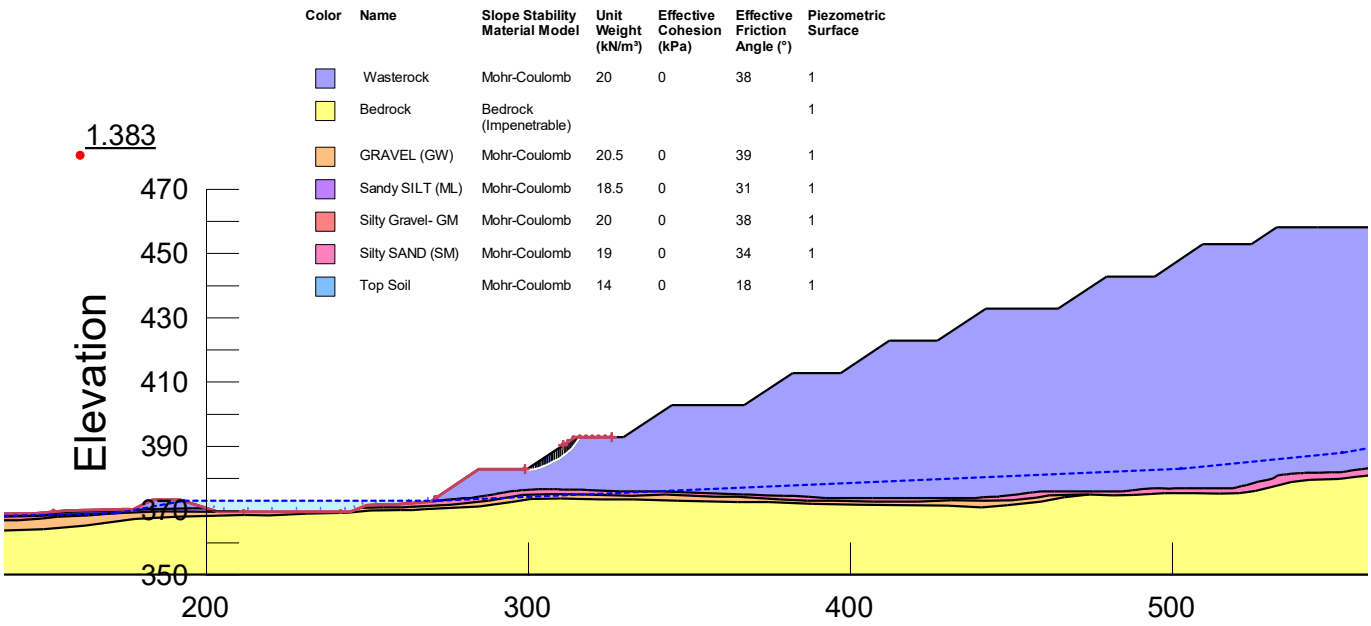


Figure A-20: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 8)

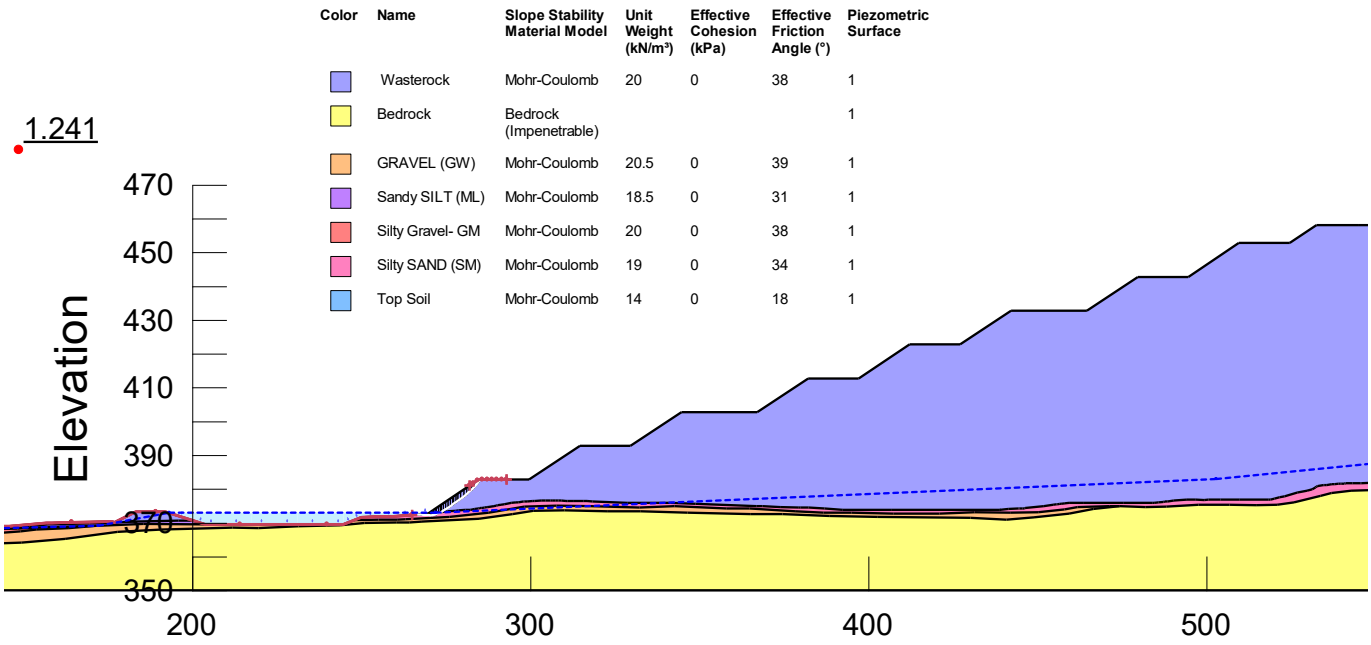


Figure A-21: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Operational Phase of Local Failure (Bench 9)

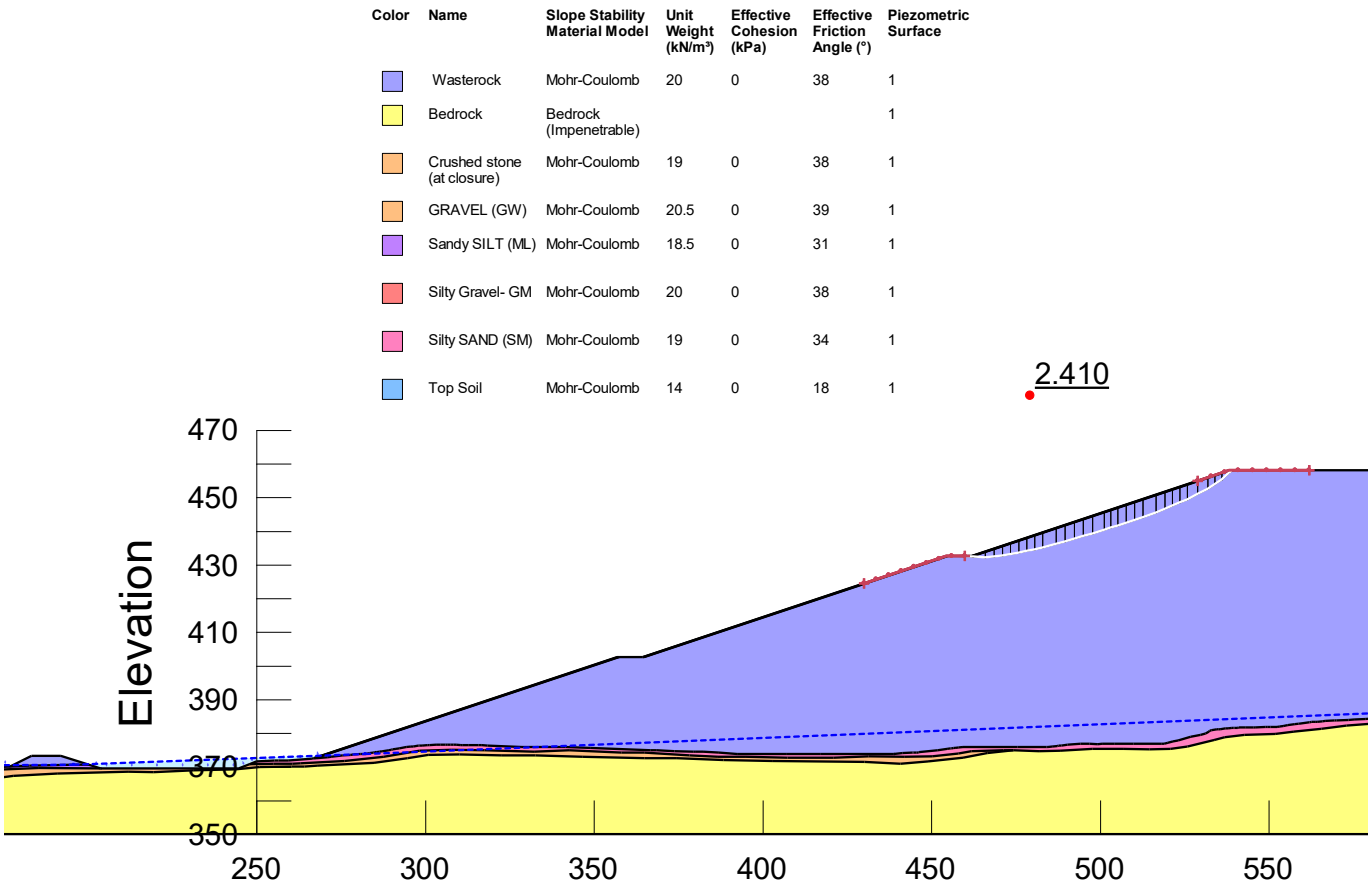


Figure A-22: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure Phase of Local Failure (Bench 1)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	Bedrock	Bedrock (Impenetrable)				1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

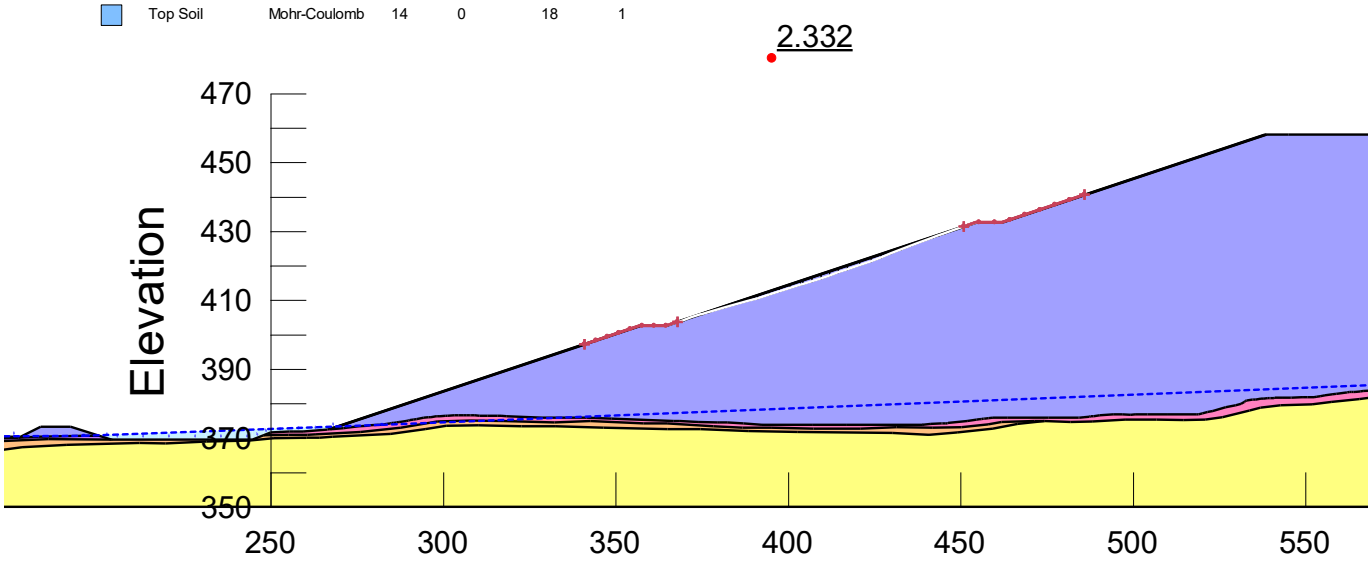


Figure A-23: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure Phase of Local Failure (Bench 2)

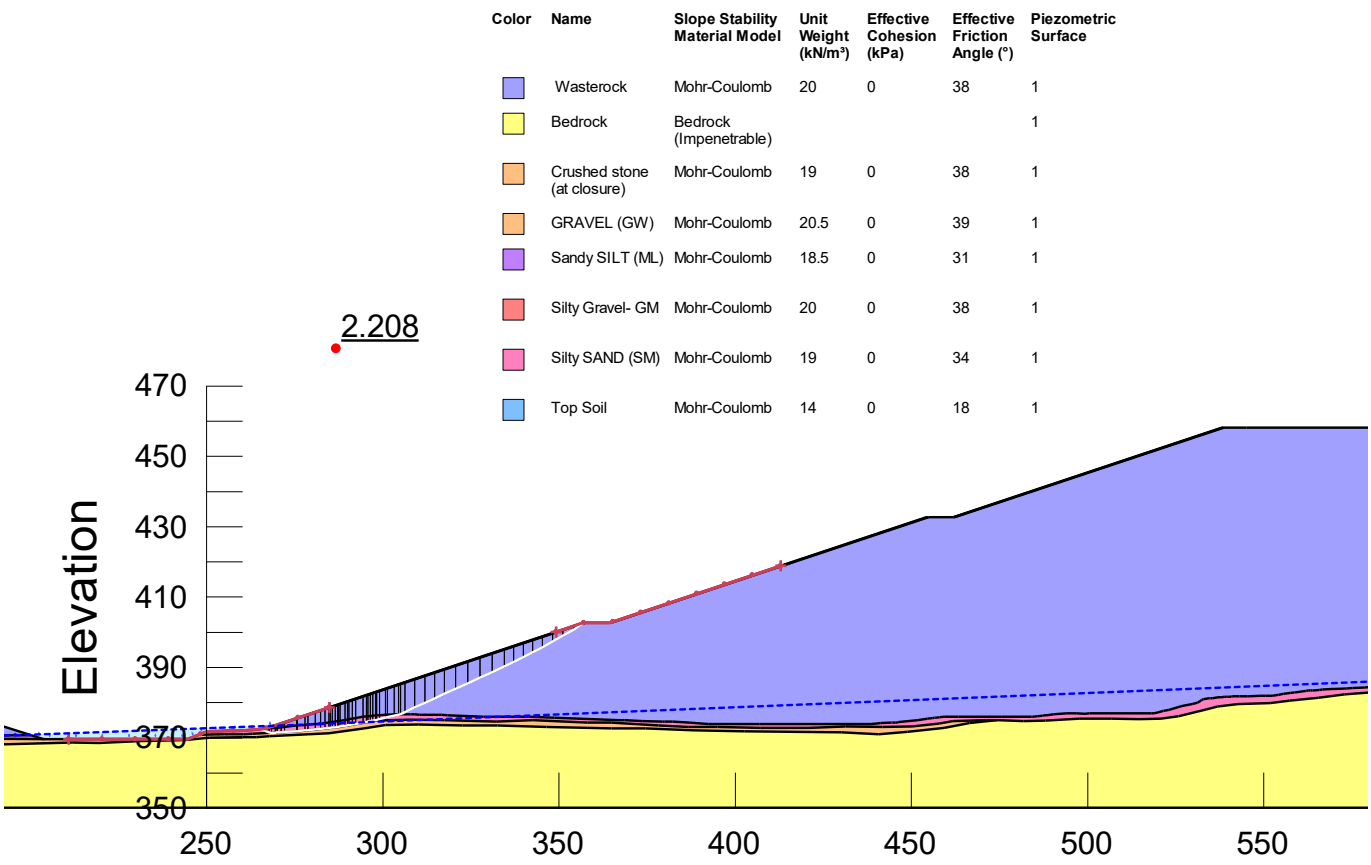


Figure A-24: Stability Results for Static (Drained) Analysis at Stockpile 001 for NAG at Closure Phase of Local Failure (Bench 3)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

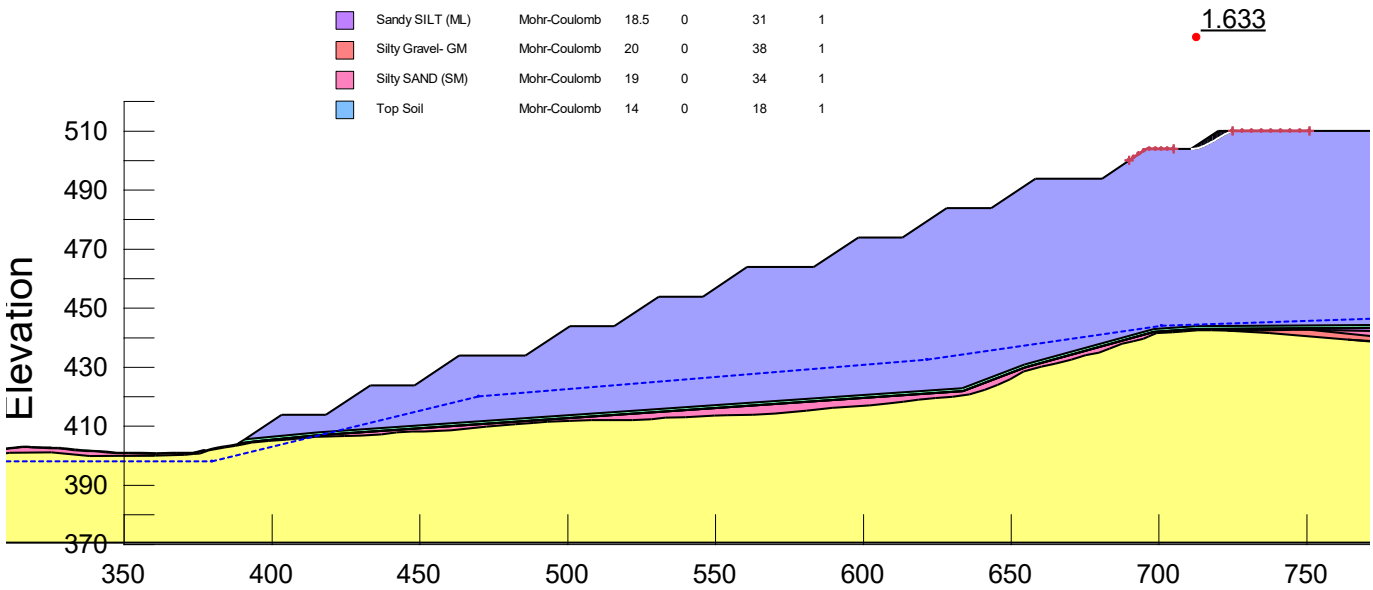


Figure A-25: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 1)

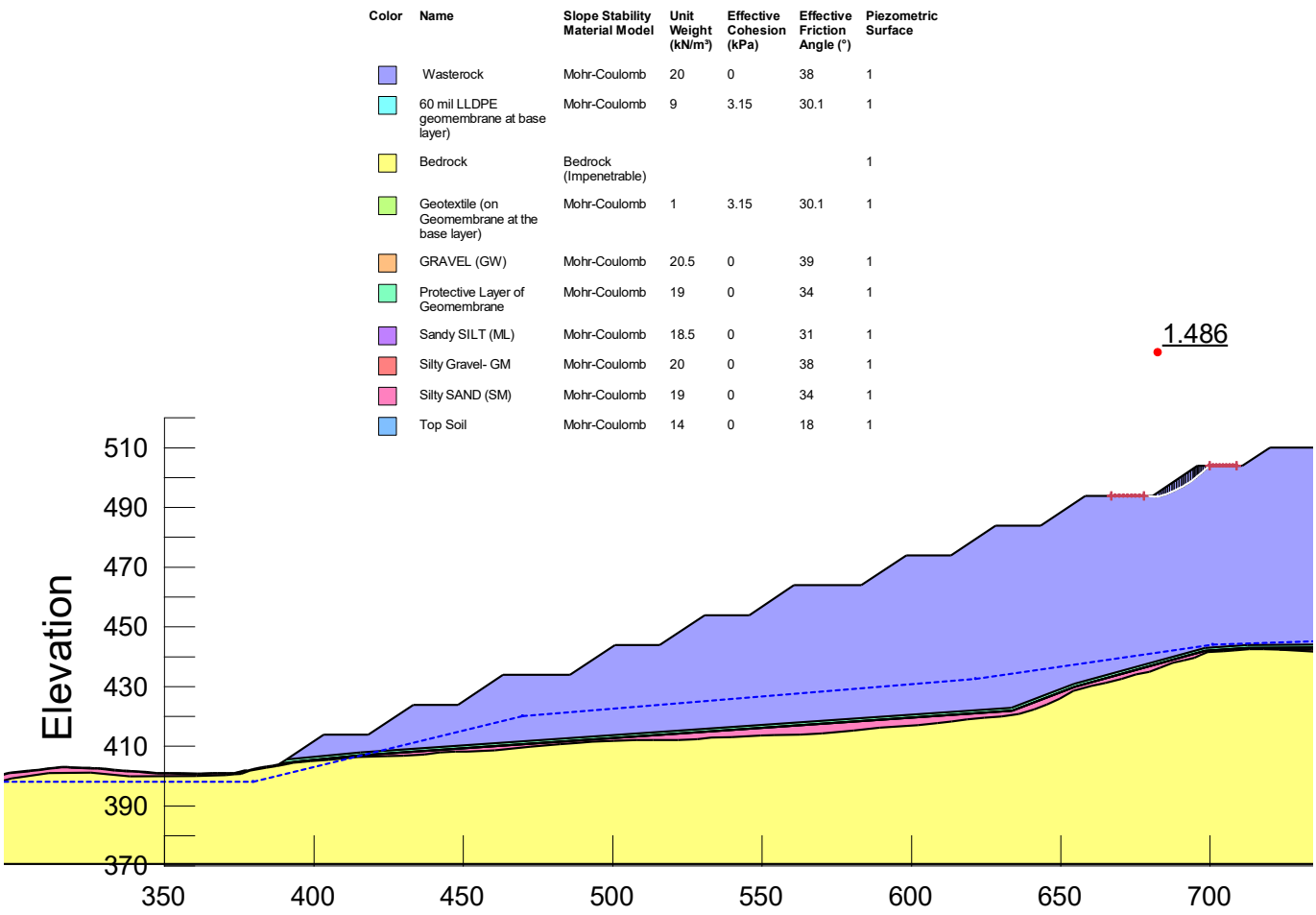


Figure A-26: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 2)

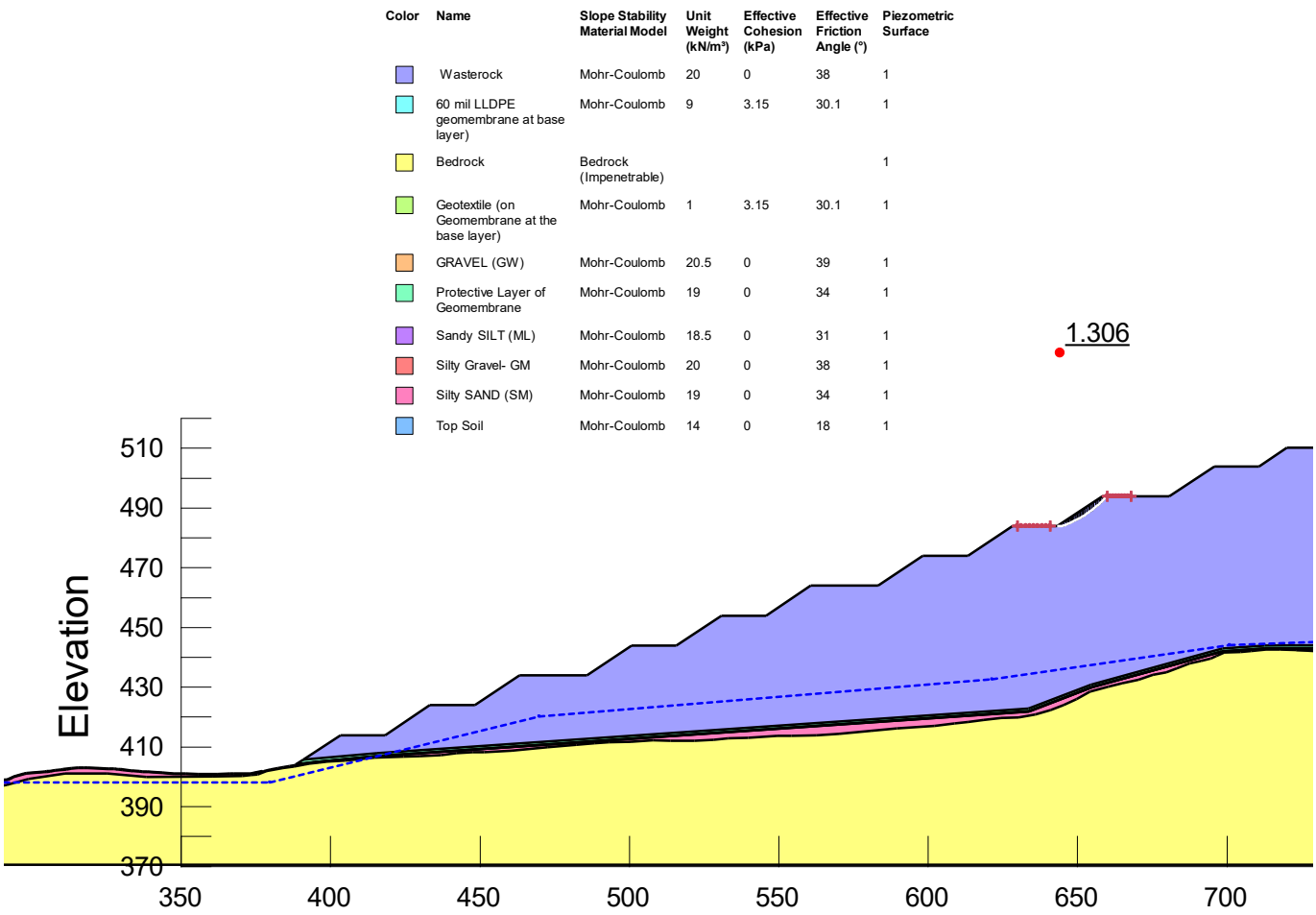


Figure A-27: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 3)

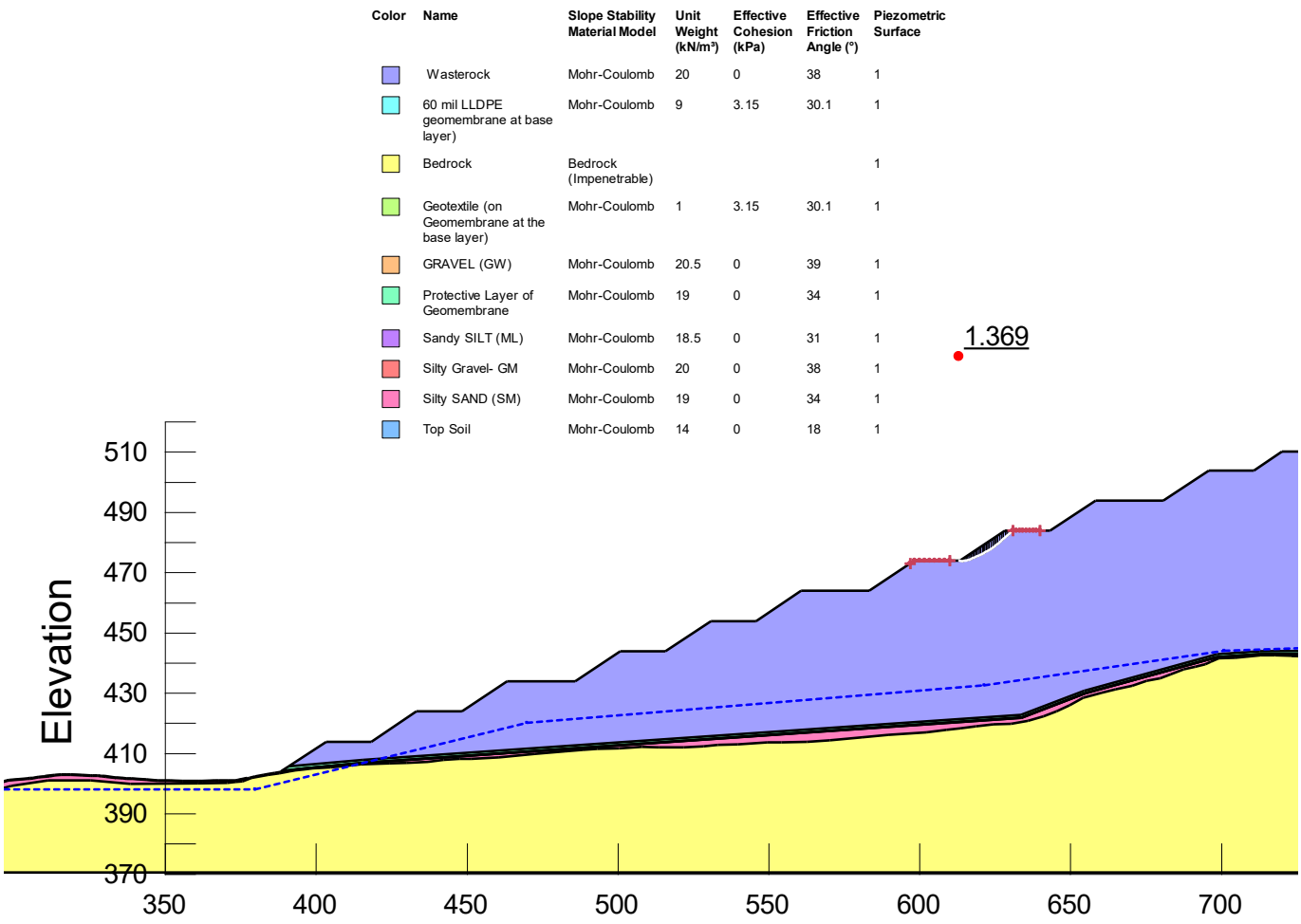


Figure A-28: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 4)

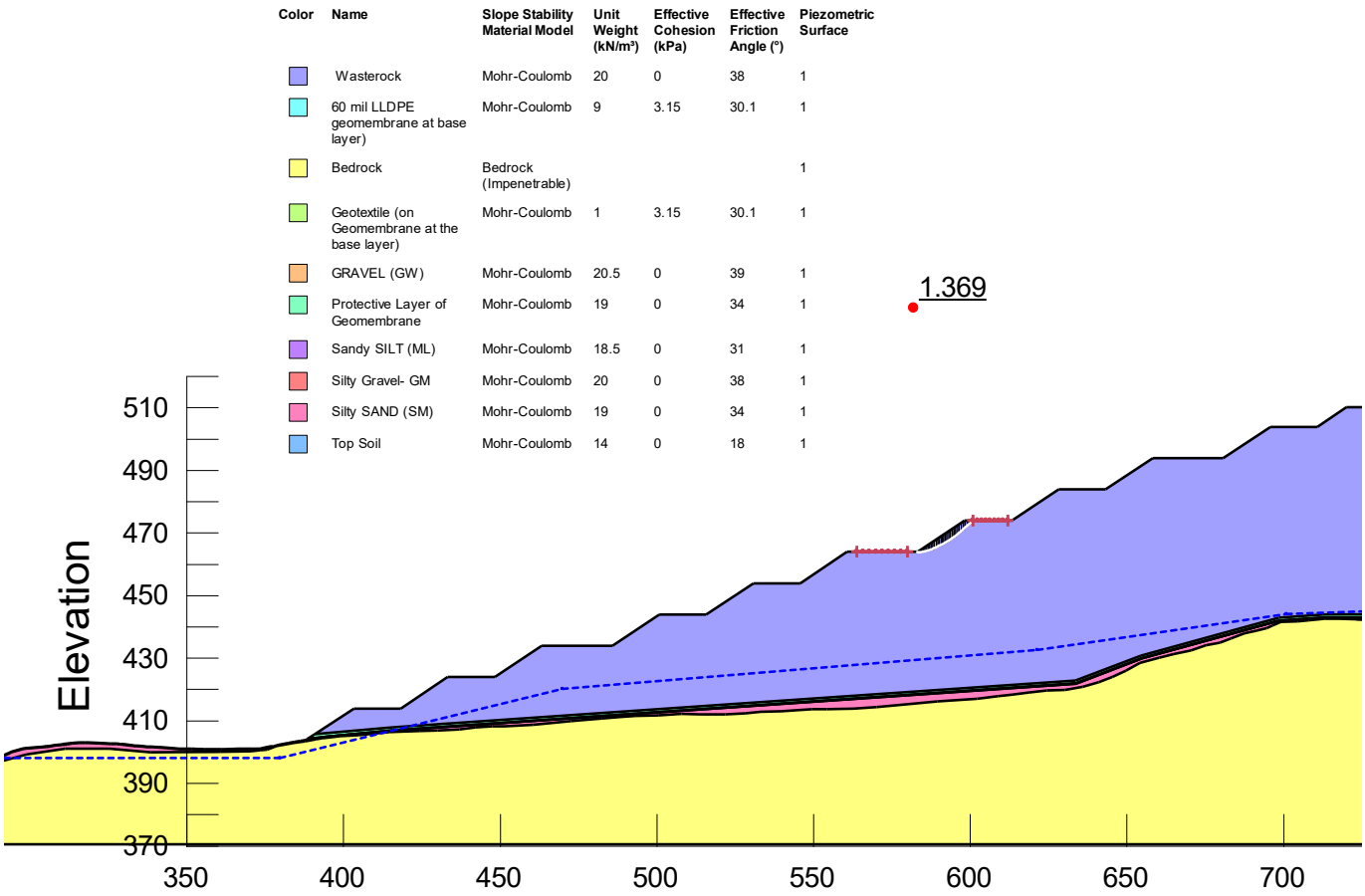


Figure A-29: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 5)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

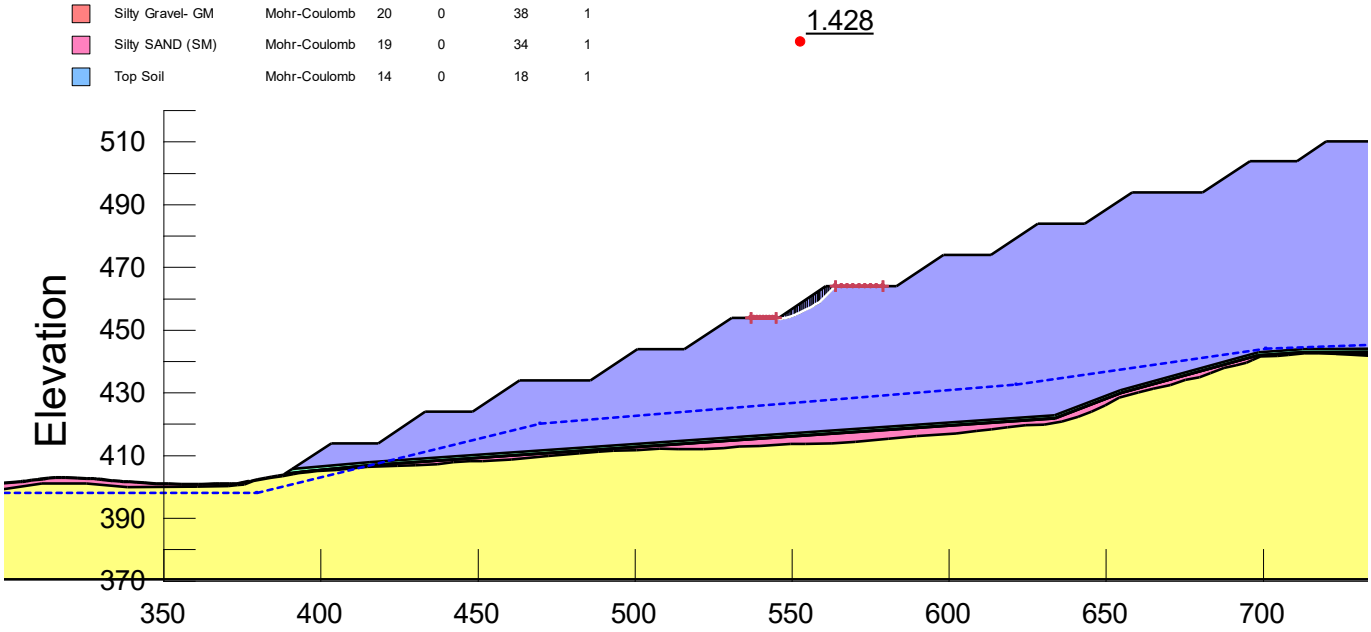


Figure A-30: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 6)

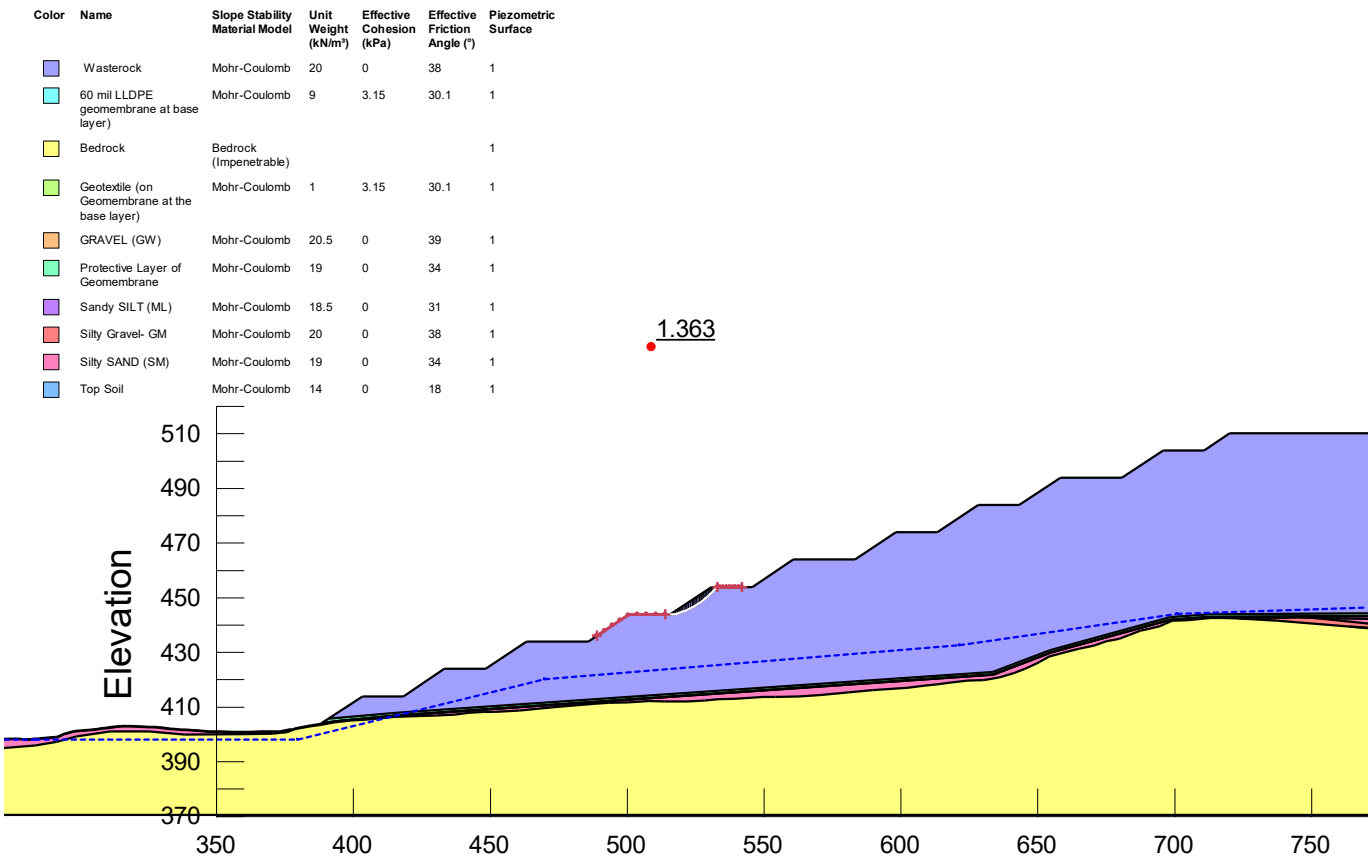


Figure A-31: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 7)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

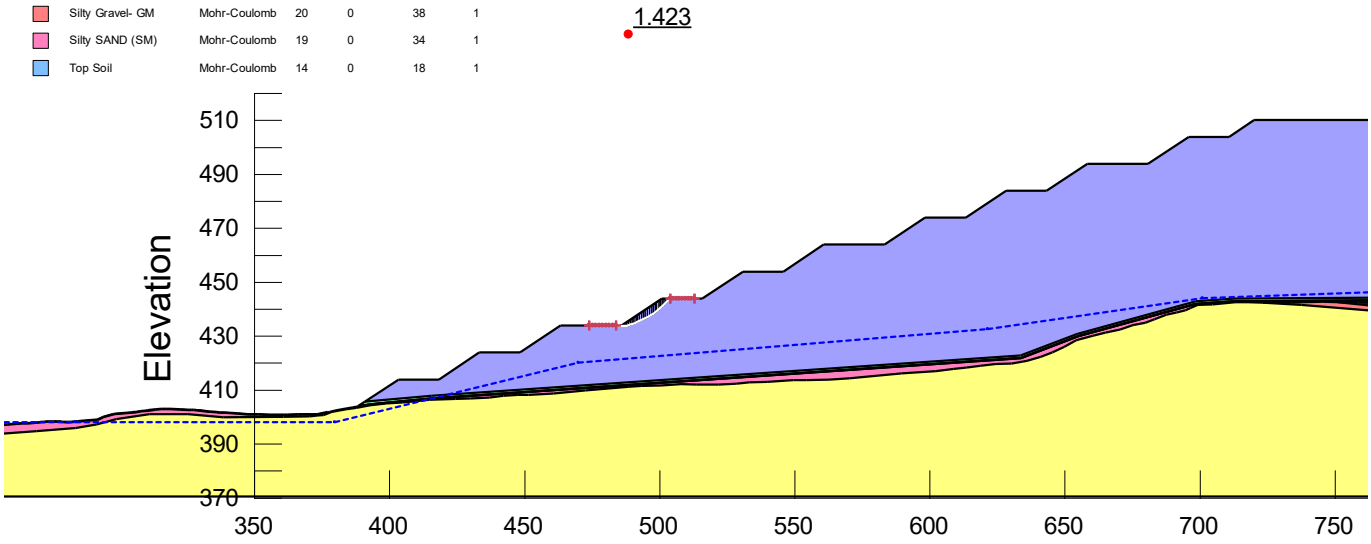


Figure A-32: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 8)

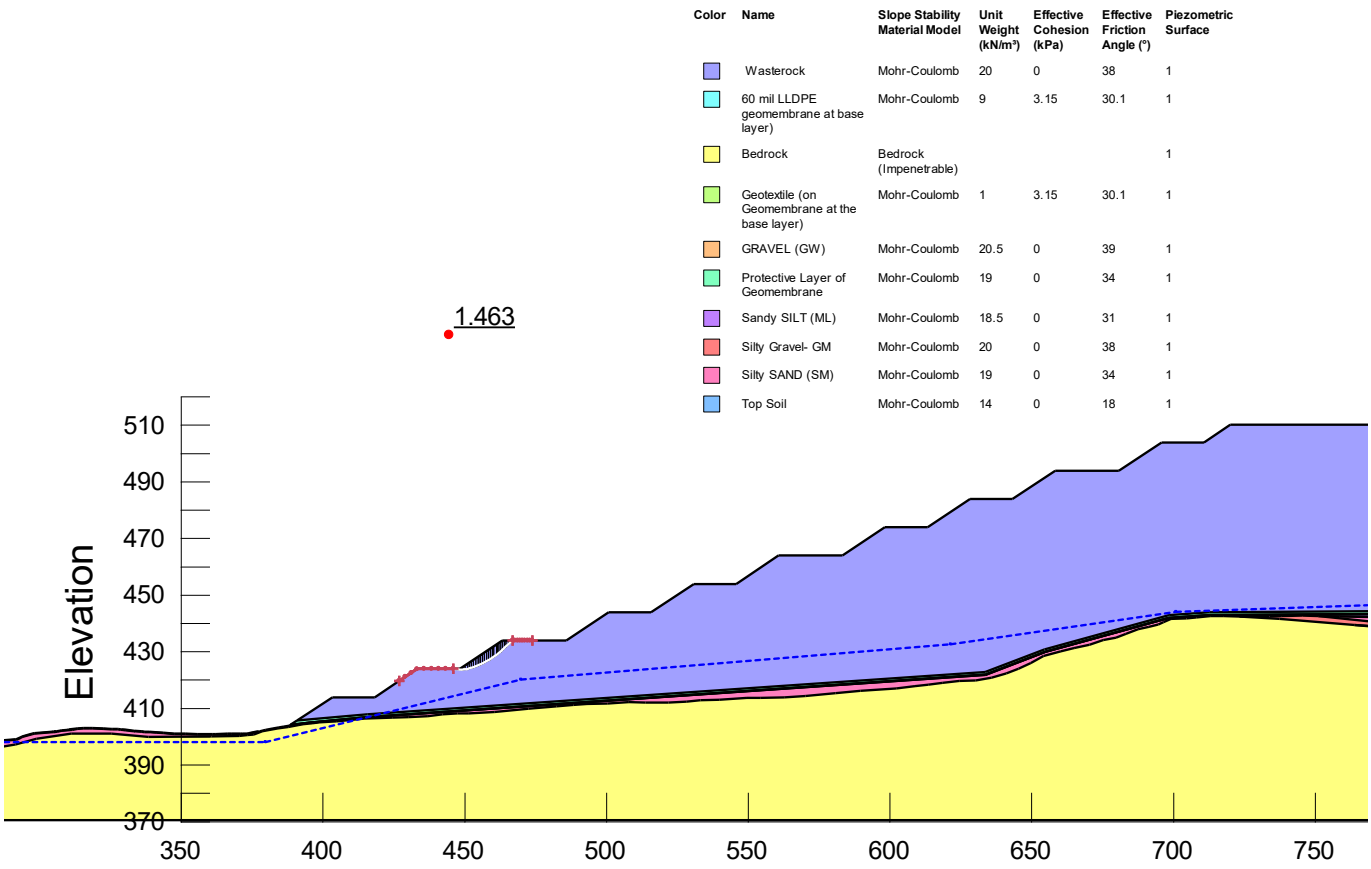


Figure A-33: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 9)

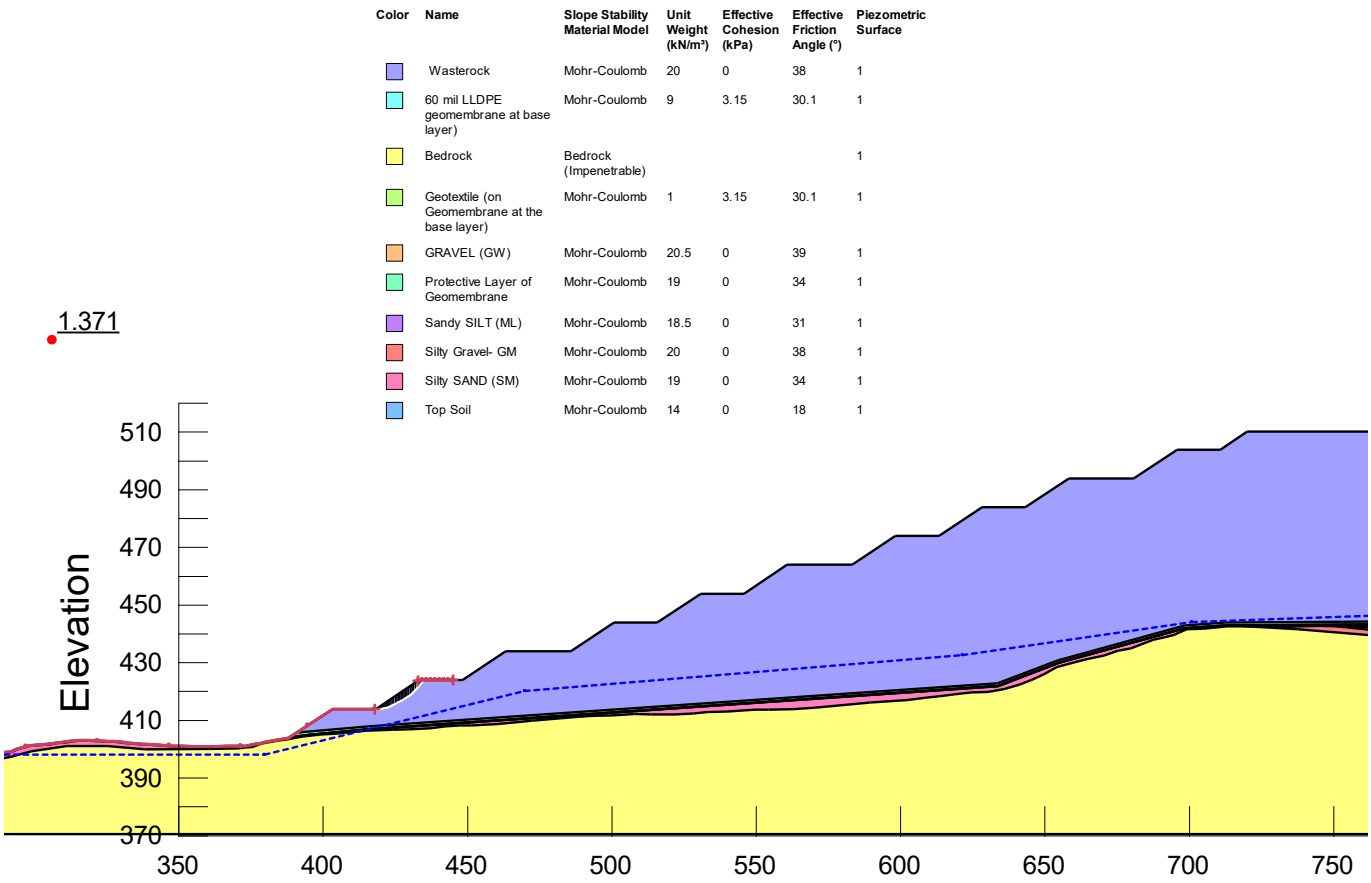


Figure A-34: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 10)

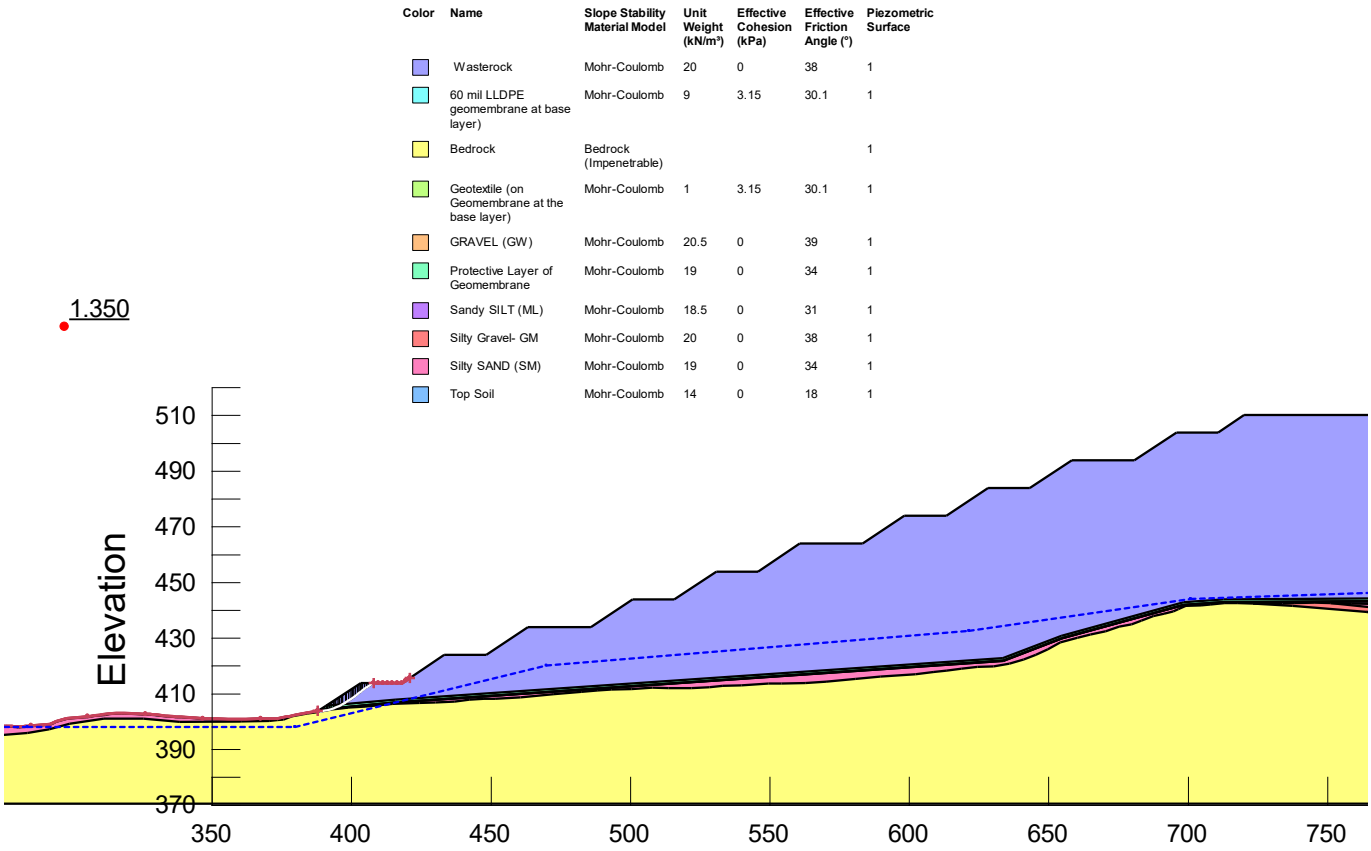


Figure A-35: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Operational Phase of Local Failure (Bench 11)

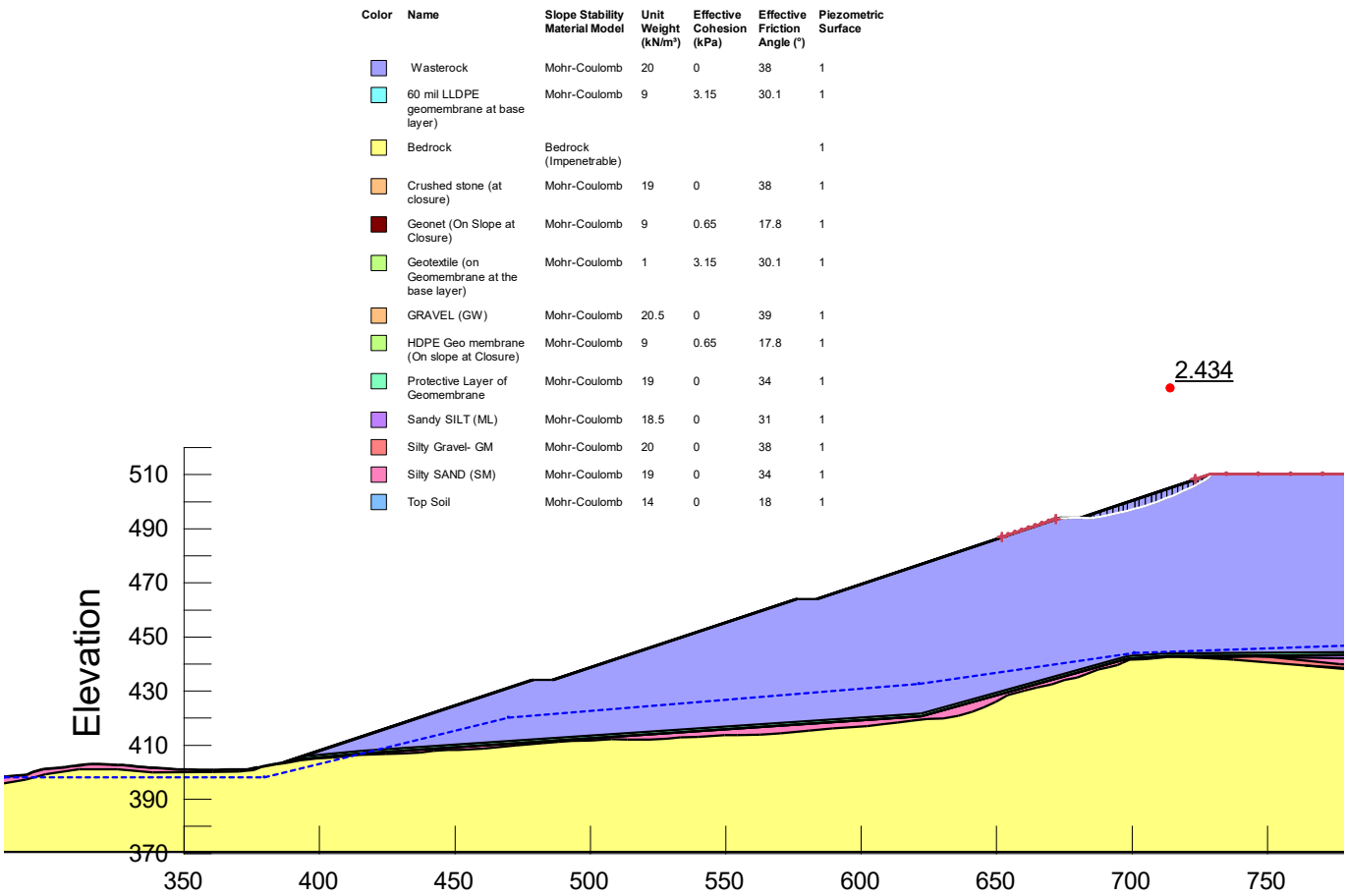


Figure A-36: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 1)

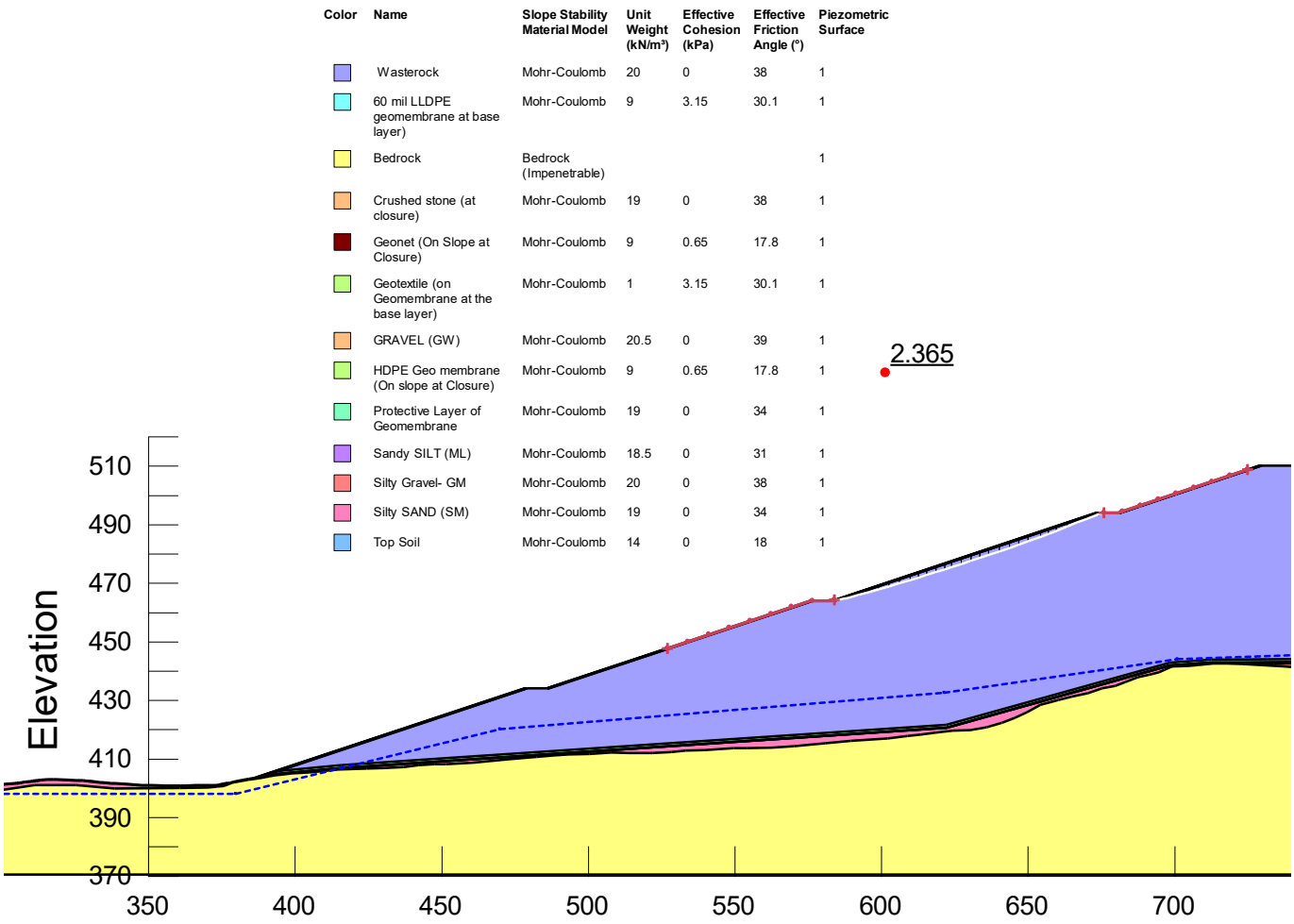


Figure A-37: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 2)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Crushed stone (at closure)	Mohr-Coulomb	19	0	38	1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Sandy SILT (ML)	Mohr-Coulomb	18.5	0	31	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Top Soil	Mohr-Coulomb	14	0	18	1

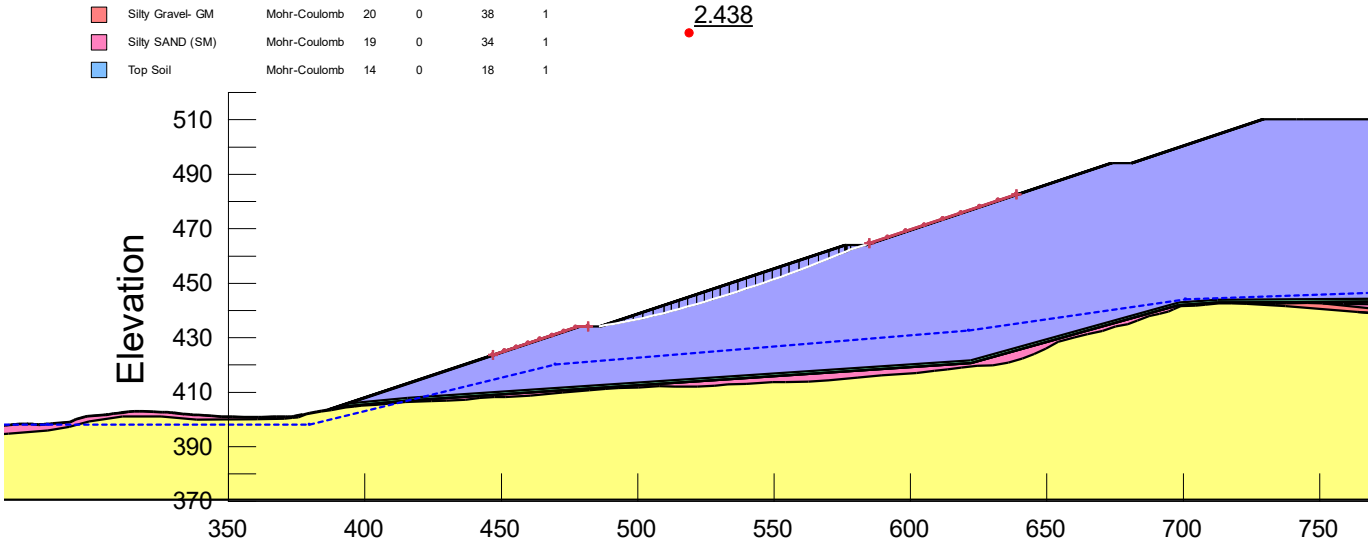


Figure A-38: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 3)

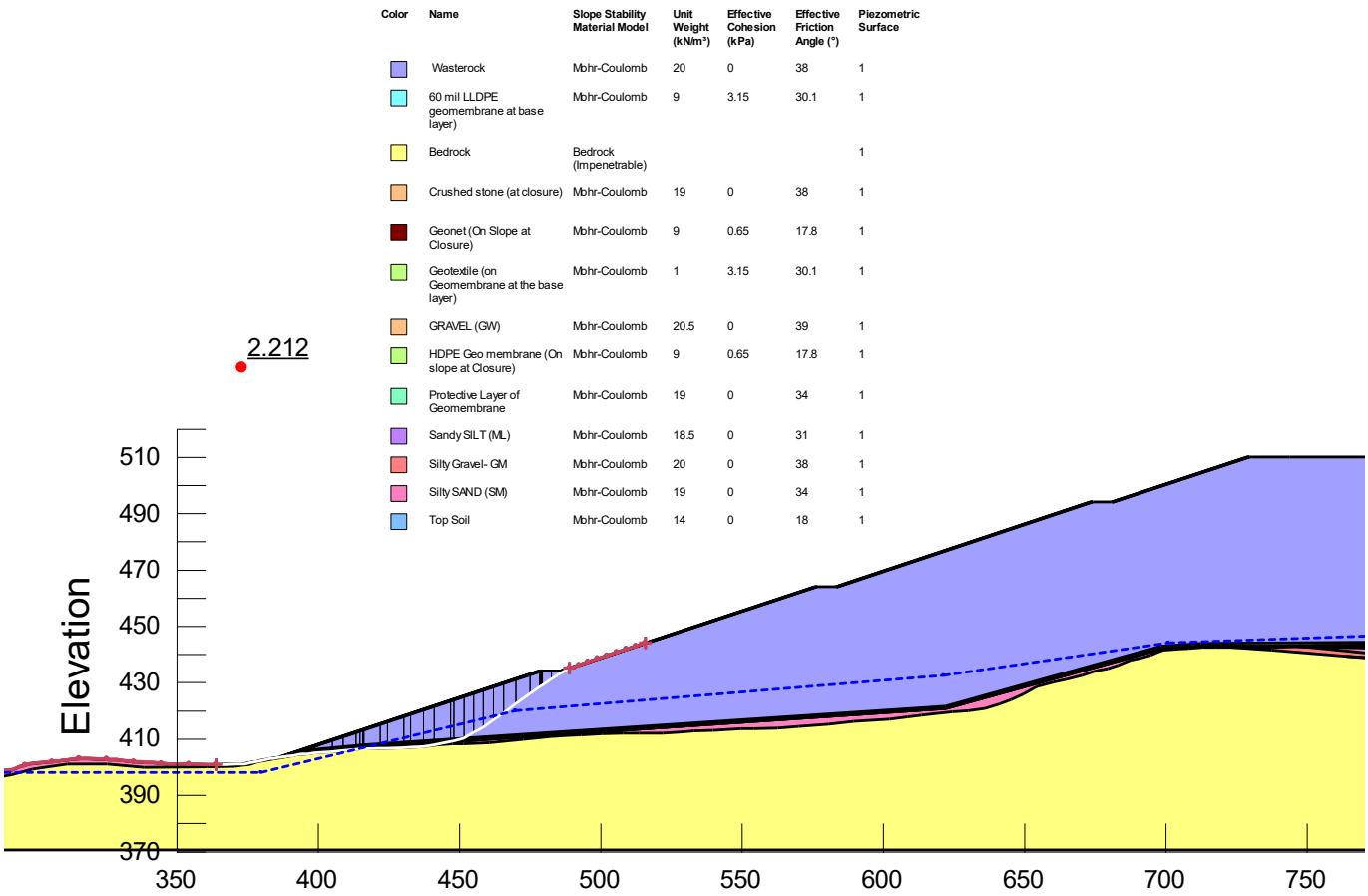


Figure A-39: Stability Results for Static (Drained) Analysis at Stockpile 002 for PAG at Closure Phase of Local Failure (Bench 4)

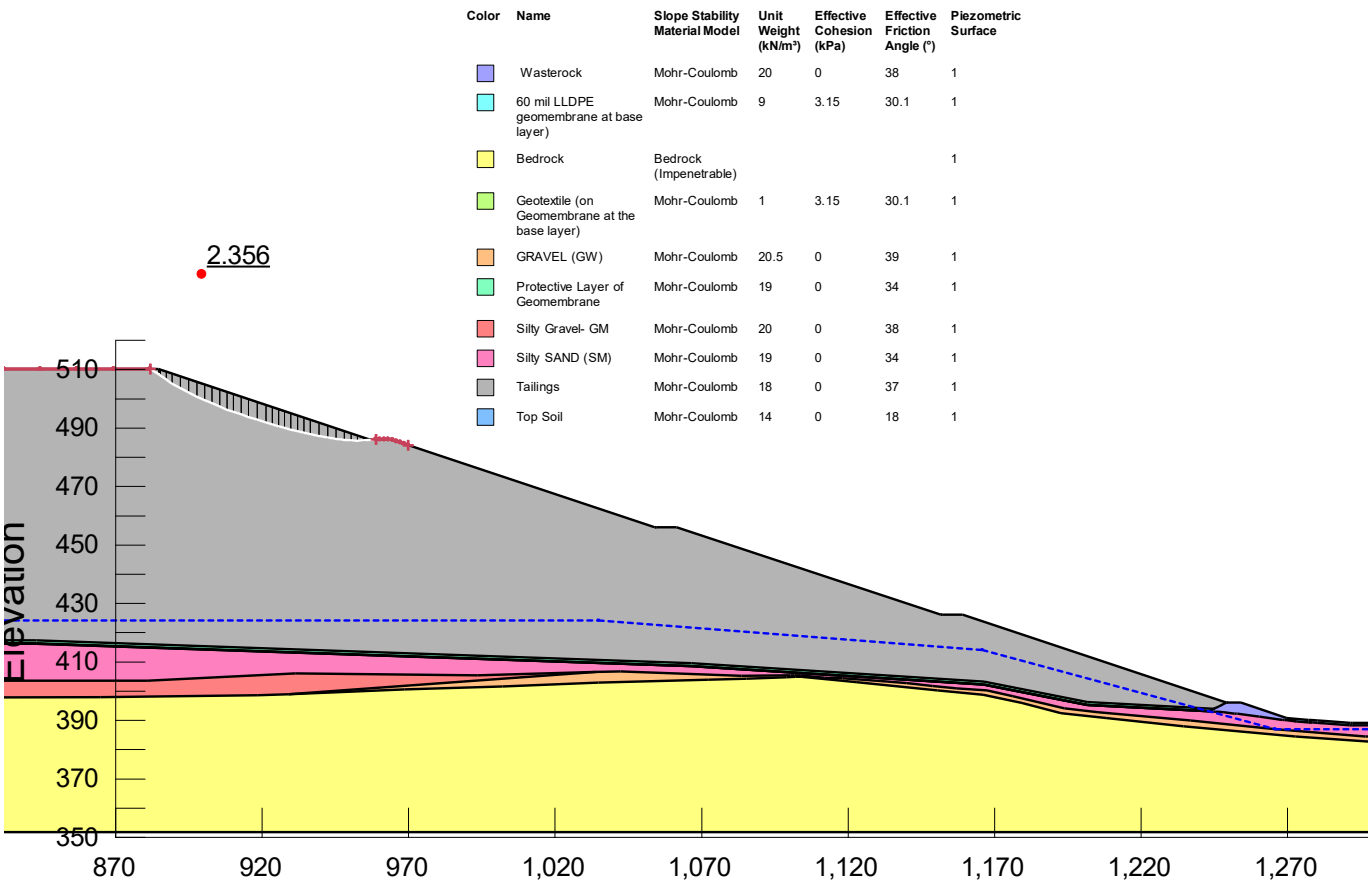


Figure A-40: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 1)

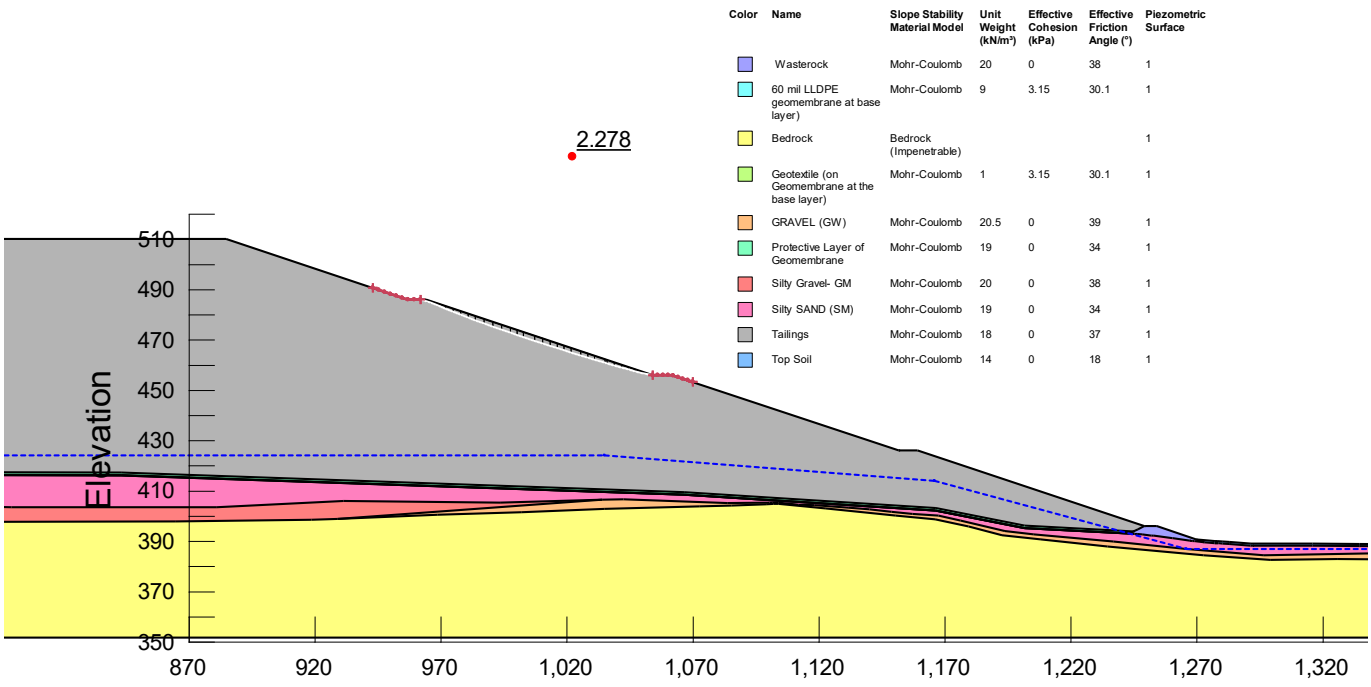


Figure A-41: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 2)

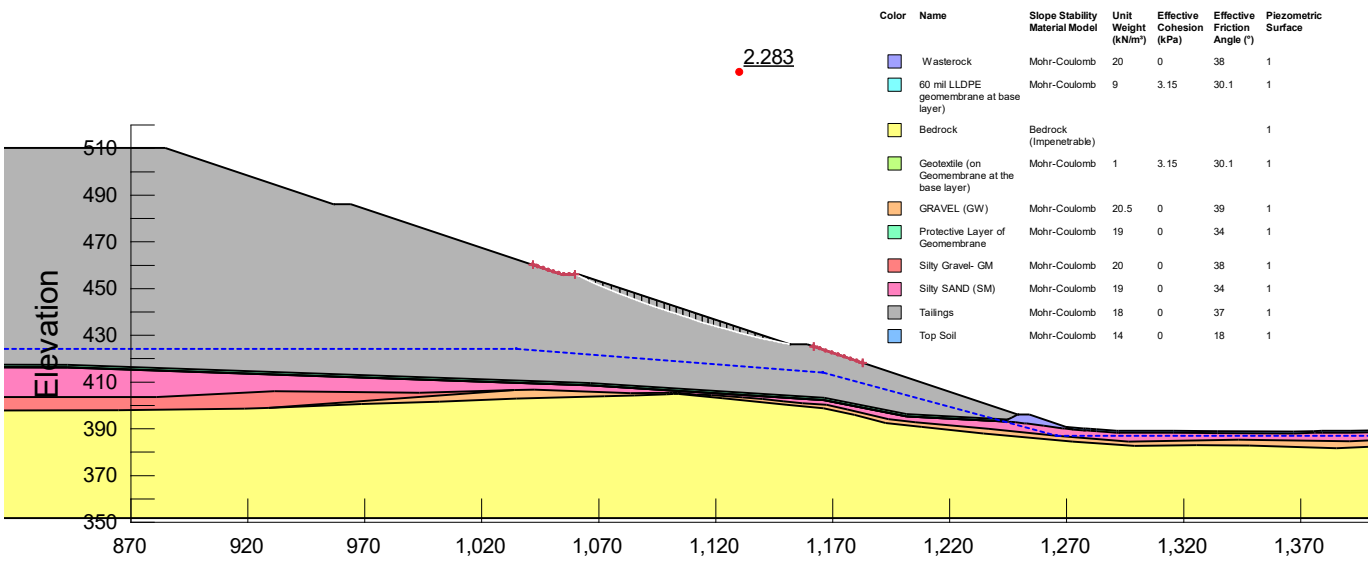


Figure A-42: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 3)

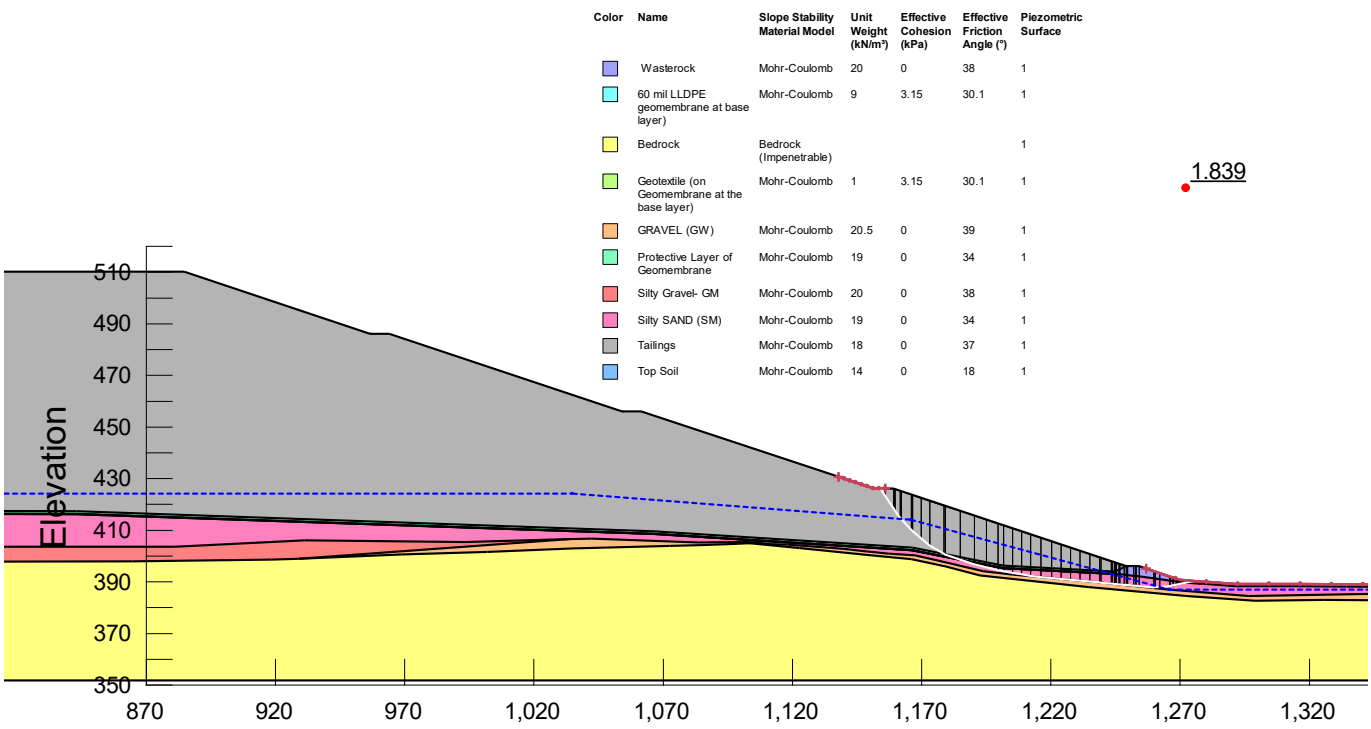


Figure A-43: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Operational Phase of Local Failure (Bench 4)

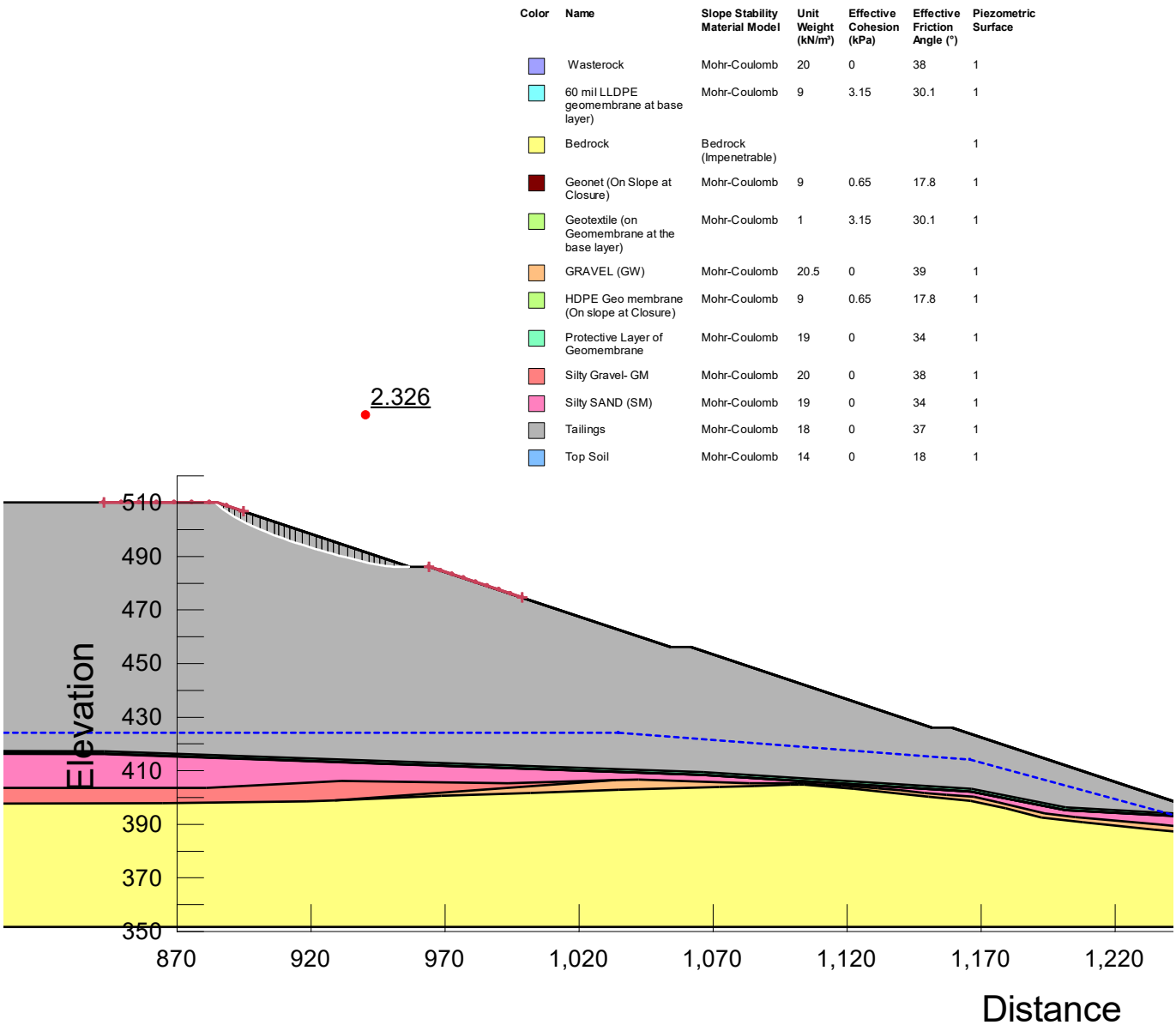


Figure A-44: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 1)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

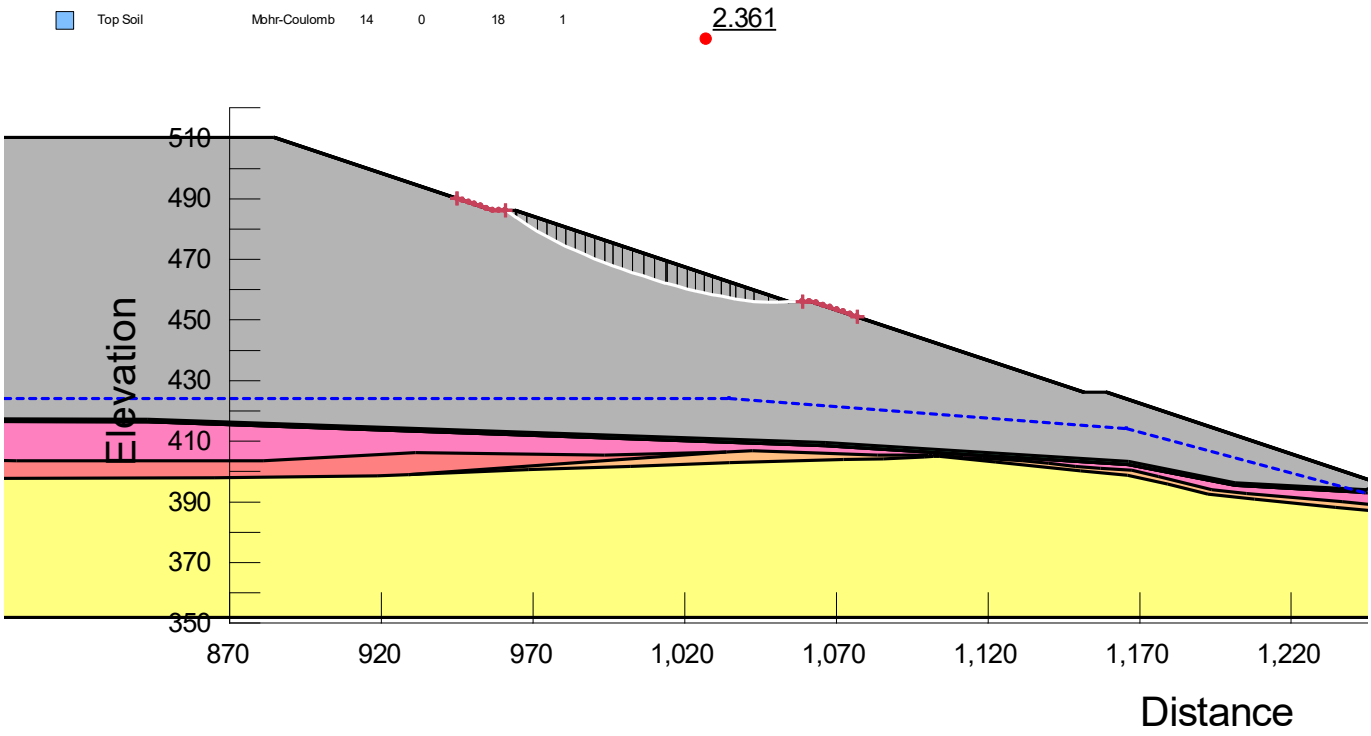


Figure A-45: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 2)

Color	Name	Slope Stability Material Model	Unit Weight (kN/m³)	Effective Cohesion (kPa)	Effective Friction Angle (°)	Piezometric Surface
	Wasterock	Mohr-Coulomb	20	0	38	1
	60 mil LLDPE geomembrane at base layer)	Mohr-Coulomb	9	3.15	30.1	1
	Bedrock	Bedrock (Impenetrable)				1
	Geonet (On Slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Geotextile (on Geomembrane at the base layer)	Mohr-Coulomb	1	3.15	30.1	1
	GRAVEL (GW)	Mohr-Coulomb	20.5	0	39	1
	HDPE Geo membrane (On slope at Closure)	Mohr-Coulomb	9	0.65	17.8	1
	Protective Layer of Geomembrane	Mohr-Coulomb	19	0	34	1
	Silty Gravel- GM	Mohr-Coulomb	20	0	38	1
	Silty SAND (SM)	Mohr-Coulomb	19	0	34	1
	Tailings	Mohr-Coulomb	18	0	37	1
	Top Soil	Mohr-Coulomb	14	0	18	1

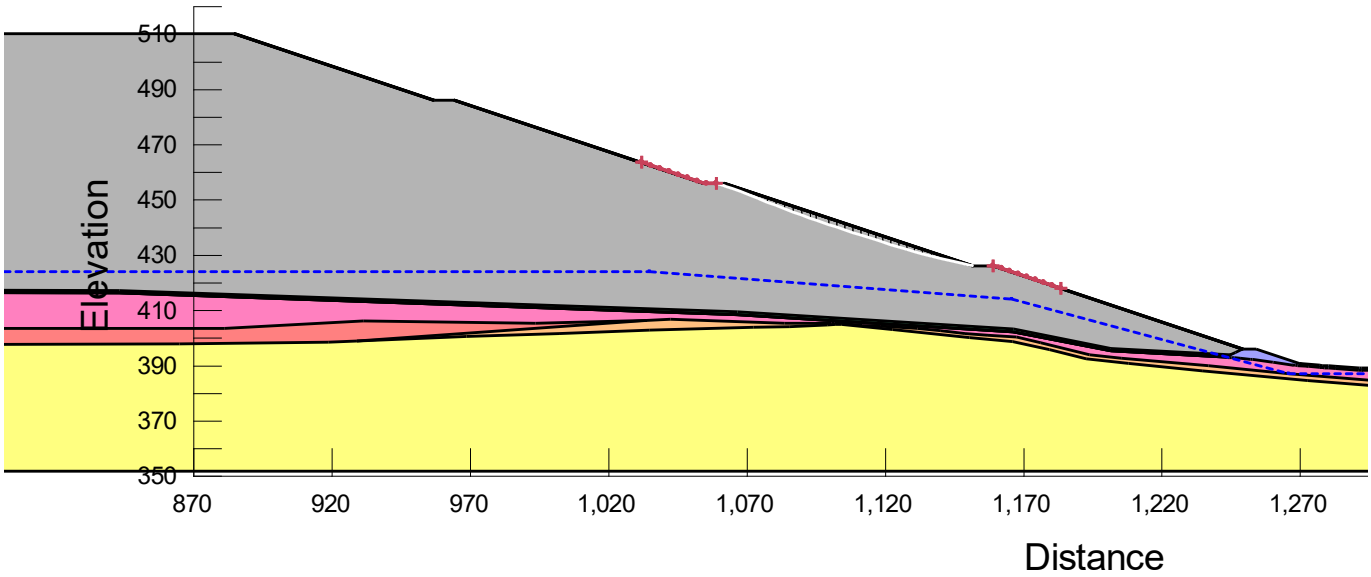


Figure A-46: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 3)

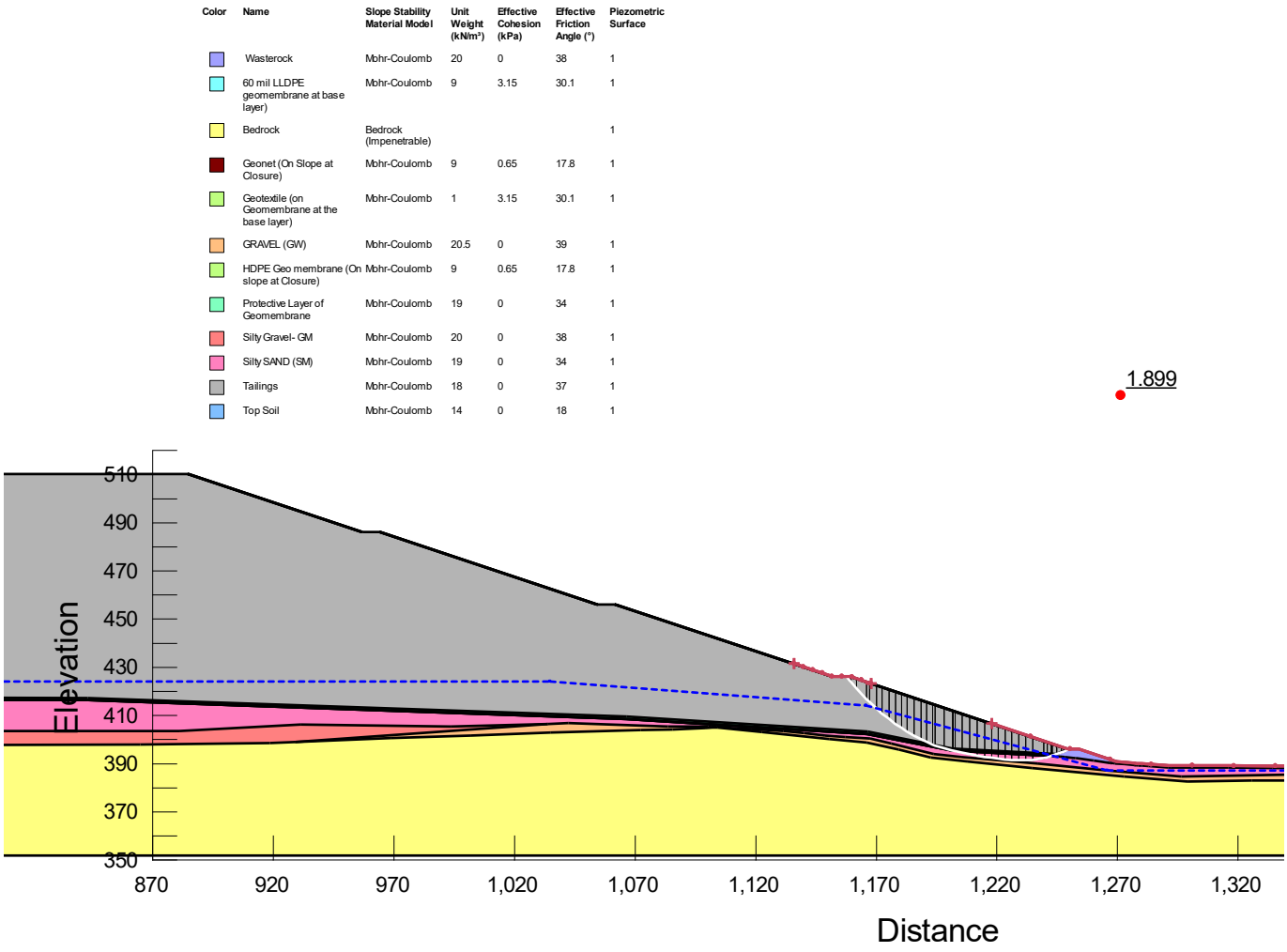


Figure A-47: Stability Results for Static (Drained) Analysis at Stockpile 002 for Tailings at Closure Phase of Local Failure (Bench 4)

Appendix E Material Take Offs

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - FRESH WATER INTAKE FOR POTABLE PRODUCTION

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	BASIS OF PRICE
A	**Pumping station - FW-PMP-001/002**					
311	SUBMERGED - GRUNDFOS 150S150-8 / MS6000, 15HP, 60 Hz, 3Ph, 575V	UNIT	2	$12 458,00	$24 916,00	Quote from Nord-flo 16.04.2025
311	Flotation module for container	UNIT	1	$75 000,00	$75 000,00	Quote from Nord-flo 16.04.2025
311	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$200 000,00	$200 000,00	Quote from Nord-flo 16.04.2025
311	Delivery of the plant to the site - 1 container					
311						
311						
B	**Pipeline**					
311	HDPE - DR11 (200PSI) - 3" - Butt fusion - Flange on both sides	m	2 186	$6,84	$14 952,24	Quote from Marcel Baril 09.04.2025
311	HDPE - DR11 (200PSI) - 3" - Fittings	Lot	1	$5 980,90	$5 980,90	
311	Heat Tracing cables (cables & splice kits only)	ft	7 889	$39,18	$309 095,24	Quote from George Fisher, 09.04.2025
311	Electronic Thermostat NGUTC 6340-01	UNIT	3	$6 911,00	$20 733,00	Quote from George Fisher, 09.04.2025
311	Temperature Sensor URTD 15G	UNIT	3	$298,25	$894,75	Quote from George Fisher, 09.04.2025
311	Temperature Sensor URTD 15R	UNIT	3	$298,25	$894,75	Quote from George Fisher, 09.04.2025
311	Oversize Kits	UNIT	17	$600,00	$10 200,00	Quote from George Fisher, 09.04.2025
311	Nominal 76 mm (3.0 in) thick standard U.I.P.® urethane insulation c/w black extruded polyethylene, integral heat trace channels on customer supplied pipe	ft	7 889	$42,70	$336 864,90	Quote from George Fisher, 09.04.2025
311	2"X 2" Air & Vacuum Valve, Crispin, Model AX20-2					
311		UNIT	2	$6 665,70	$13 331,40	Quote from Conval Quebec, 24.04.2025
311						
311						
311						
C	**Electrical**					
311	Panelboard 600V, 100A, 25kA, 7 FEEDERS (2X20, 1X30A, 2X40A, 1X60A, 1X80A)	UNIT	1	$15 000,00	$15 000,00	RSMEANS
311	Divers	Lot	1	$2 000,00	$2 000,00	
311	VFD 15HP, 600V	UNIT	2	$2 000,00	$4 000,00	Quote from ABB 02.05.2025
D	**Ground preparation**					
311	Pipe bench beside the access road. See the typical cross-section by G-Mining. To be planned with Genipur	lot	1			

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - PUMPING AND DISTRIBUTION FOR PROCESS

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	BASIS OF PRICE	NOTES
A	**Pumping station - PP-PMP-001/002**						
313	Vertical pumps - GOULDSVIT-DIFM 14RJMC, 1 Stage, 50HP, 3Ph, 60Hz, 575V	UNIT	2	$60 491,00	$120 982,00	Quote from Nord-flo 16.04.2025	
313	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$200 000,00	$200 000,00	Quote from Nord-flo 16.04.2025	
313	Delivery of the plant to the site - 1 container	lot	1				
B	**Pipeline**						
	B1 - Pumping well and suction line						
313	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	15	$-			
313	HDPE DR21 pipe 20 in diameter	m	40	$123,33	$4 933,20		
313	HDPE - DR11 (200PSI) - 12" - Butt fusion	m	1 930	$91,04	$175 707,20		
313	HDPE - DR11 (200PSI) - 12" - Fittings	Lot	1	$70 282,88	$70 282,88		
313	Heat Tracing cables C13-574-COJ	Ft	6 965	$39,18	$272 888,70		
313	Concrete prefabricated Pumping station SP9000 base of 2400 mm by Lecuyer for pipe of 500mm	Unit	1	$74 400,00	$74 400,00		
313	Concrete prefabricated Pumping station SP9000 extension of 5000 mm by Lecuyer	m	Included			Quote from Marcel Baril dated of 08.04.2025	
313	Concrete prefabricated Pumping station SP9000 Connexion of 2100 mm by Lecuyer	Lot	Included			Quote from Lecuyer 11.04.205	
313	galvanized steel ladder with anchor	Lot	Included				
313	butyl gasket for sealing sections (For pumping well and manhole)	Lot	Included				
313	Flex-Lok gasket for sealing the pipe (For pumping well and manhole)	Lot	Included				
313	Prefabricated concrete Manhole ⌀915 mm Base of 1110mm for pipe of 500mm	Unit	1	$1 600,00	$1 600,00		
313	Prefabricated concrete Manhole ⌀915 mm ring of 25 mm	Lot	Included				
313	Prefabricated concrete Manhole ⌀915 mm head of 200mm	Lot	Included				
313	Cast iron cover of ⌀750 mm. 300mm thick	Lot	Included				
313	Electronic Thermostat NGUTC 6340-01	UNIT	2	$6 911,00	$13 822,00	Quote from George Fisher, 09.04.2025	
313	Temperature Sensor URTD 15G	UNIT	2	$298,25	$596,50	Quote from George Fisher, 09.04.2025	
313	Temperature Sensor URTD 15R	UNIT	2	$298,25	$596,50	Quote from George Fisher, 09.04.2025	
313	Power Feed Kit 1	UNIT	7	$600,00	$4 200,00	Quote from George Fisher, 09.04.2025	
313	Nominal 76 mm (3.0 in) thick standard U.I.P.® urethane insulation c/w black extruded polyethylene, integral heat trace channels on customer supplied pipe	ft	6 965	$88,00	$612 939,63	Quote from George Fisher, 09.04.2025	
313	2"X 2" Air & Vacuum Valve, Crispin, Model AX20-2	UNIT	2	$6 665,70	$13 331,40	Quote from Conval Quebec, 24.04.2025	
C	**Electrical Room**						
313	Panelboard 600V, 125A, 25kA, 7 FEEDERS (2X20, 1X40A, 3X45A, 1X75A)	UNIT	1	$20 000,00	$20 000,00		
313	VFD 50HP, 600V	UNIT	2	$8 010,00	$16 020,00	Quote from ABB 02.05.2025	
313	Divers	Lot	1	$2 000,00	$2 000,00		
D	**Treatment**						
313	Sampson Bag Filter Unit Housings. Flowrate 900gpm. SS304	Unit	2	13999	$27 998,00	Quote from ERE, 10.04. Ensuring good quality for process water	
313	Filtration bags 7" x 32" - 1 micron	Unit	100	14,56	$1 456,00	Quote from ERE Ensuring good quality for process water	
E	**Instrumentation**						
364	Non-Contact Rader Level Transmitter	Unit	1	$ 3 000,00	$3 000,00		
364	Motorized Isolation Valve	Unit	2	$ 18 000,00	$36 000,00		
364	Pressure Transmitter	Unit	1	$ 3 000,00	$3 000,00		
364	Pressure Indicator	Unit	1	$ 3 000,00	$3 000,00		
364	Magnetic Flow Transmitter	Unit	1	$ 10 000,00	$10 000,00		

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - WATER PONDS AND WATER MANAGEMENT (PLANT AREA)

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	BASIS OF QUANTITY
	Note: items and quantities completed in client template					
A	**CONTACT WATER PONDS 1 and 2**					
324	CWP1: Tree clearing within local construction area, to include removal of stumps and stockpile in designated area.	m^2	7 269			Calculated from 3D model
324	CWP1: Remove muskeg, organics, topsoil, overburden and unsuitable soil from pond footprint to a nominal depth of 300 mm and stockpile in designated area.	m^2	2 181			Calculated from 3D model
324	CWP1: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	21 406			Calculated from 3D model
324	CWP1: Excavate 500 mm wide trenches in overburden for installation of subsurface drainage system in base of pond to a depth of up to 1 m, as indicated on the drawings.	m^3	36			Calculated from 3D model
324	CWP1: Supply and install G2 300 g/m^2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wastage, overlap, etc.	m^2	234			Calculated from 3D model
324	CWP1: Supply and install Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	36			Calculated from 3D model
324	CWP1: Supply and install 75 mm ID double walled perforated HDPE pipes (DR11) with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system, to grades and slopes indicated on the drawings. Rate to include transport, offloading, installation, and allowance for wastage.	m	111			Calculated from 3D model
324	CWP1: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth up to 3 m.	No.	1			Estimated from preliminary design
324	CWP1: Supply and install pump in concrete manhole (costed in water treatment section)	No.	1			Estimated from preliminary design
324	CWP1: Excavate 1 m x 1 m trench in overburden around perimeter of pond for geomembrane anchor trench.	m^3	333			Calculated from 3D model
324	CWP1: Supply and install 1.5 mm double textured LLDPE geomembrane on base and slopes of pond as shown in drawings and anchor at crest. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	7 306			Calculated from 3D model
324	CWP1: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill.	m^3	333			Calculated from 3D model
324	CWP1: Supply and install G1 500 g/m^2 nonwoven geotextile over geomembrane on base of pond. Rate to include allowance for wastage, overlap, etc.	m^2	2 482			Calculated from 3D model
324	CWP1: Construct ballast layer at base of ponds with Zone 6 Transition Sand and Gravel (-26.5 mm), 0.3 m thick. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	683			Calculated from 3D model
324	CWP2: Tree clearing within local construction area, to include removal of stumps and stockpile in designated area.	m^2	5 632			Calculated from 3D model
324	CWP2: Remove muskeg, organics, topsoil, overburden and unsuitable soil from pond footprint to a nominal depth of 300 mm and stockpile in designated area.	m^2	1 690			Calculated from 3D model
324	CWP2: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	13 358			Calculated from 3D model
324	CWP2: Excavate 500 mm wide trenches in overburden for installation of subsurface drainage system in base of pond to a depth of up to 1 m, as indicated on the drawings.	m^3	35			Calculated from 3D model
324	CWP2: Supply and install G2 300 g/m^2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wastage, overlap, etc.	m^2	231			Calculated from 3D model
324	CWP2: Supply and install Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	35			Calculated from 3D model
324	CWP2: Supply and install 75 mm ID double walled perforated HDPE pipes (DR11) with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system, to grades and slopes indicated on the drawings. Rate to include transport, offloading, installation, and allowance for wastage.	m	110			Estimated from preliminary design

324	CWP2: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth up to 3 m.	No.	1			Estimated from preliminary design
324	CWP2: Supply and install pump in concrete manhole (costed in water treatment section)	No.	1			Estimated from preliminary design
324	CWP2: Excavate 1 m x 1 m trench in overburden around perimeter of pond for geomembrane anchor trench.	m^3	323			Calculated from 3D model
324	CWP2: Supply and install GL 1.5 mm double textured LLDPE geomembrane on base and excavated side slopes of pond as shown in drawings and anchor at crest. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	4 851			Calculated from 3D model
324	CWP2: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill.	m^3	323			Calculated from 3D model
324	CWP2: Supply and install G1 500 g/m^2 nonwoven geotextile over geomembrane on base of pond. Rate to include allowance for wastage, overlap, etc.	m^2	1 093			Calculated from 3D model
324	CWP2: Construct ballast layer at base of ponds with Zone 6 Transition Sand and Gravel (-26.5 mm), 0.3 m thick. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	278			Calculated from 3D model
	Subtotal					

B	SEDIMENTATION AND POLISHING PONDS					
325	SP1&2: Tree clearing within local construction area, to include removal of stumps and stockpile in designated area.	m^2	42 358			Calculated from 3D model
325	SP1&2: Remove muskeg, organics, topsoil, overburden and unsuitable soil from dam and pond footprint to a nominal depth of 300 mm and stockpile in designated area.	m^3	12 311			Calculated from 3D model
325	SP1&2: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	4 308			Calculated from 3D model
325	SP1&2: Regrade excavated overburden and nominally compact to achieve uniform slopes indicated in the drawings. Stockpile excess excavated material in designated stockpile.	m^3	8 422			Calculated from 3D model
325	SP1&2: Excavate 500 mm wide trenches in overburden for installation of subsurface drainage system in base of pond to a depth of 0.5 m, as indicated on the drawings.	m^3	63			Calculated from 3D model
325	SP1&2: Supply and install G2 300 g/m^2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wastage, overlap, etc.	m^2	575			Calculated from 3D model
325	SP1&2: Supply and install Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	63			Calculated from 3D model
325	SP1&2: Supply and install 75 mm ID double walled perforated HDPE pipes (DR11) with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system, to grades and slopes indicated on the drawings. Rate to include transport, offloading, installation, and allowance for wastage.	m	250			Calculated from 3D model
325	SP1&2: Rip base of dam embankment to a depth of 200 mm and compact to 95% Standard Proctor density.	m^2	31 976			Calculated from 3D model
325	SP1&2: Construct embankments with Zone 2 Waste Rock (-450 mm), including perimeter and central dams. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from pit development or stockpiles as identified by Owner.	m^3	170 594			Calculated from 3D model
325	SP1&2: Construct access ramps using Zone 2 Waste Rock (-450 mm) to grades shown on drawings. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from pit development or stockpiles as identified by Owner.	m^3	1 820			Calculated from 3D model
325	SP1&2: Construct upstream Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick on upstream dam and access ramp slopes. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	6 586			Calculated from 3D model
325	SP1&2: Construct upstream Zone 5 Filter/Bedding Sand (-4.75 mm) layer 0.3 m thick on upstream dam and access ramp slopes. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	6 586			Calculated from 3D model
325	SP1&2: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the highest portion of the lined pond dam (1 per dam). Rate to include transport, offloading, installation, calibration.	No.	2			Estimated from preliminary design
325	SP1&2: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	2			Estimated from preliminary design
325	SP1&2: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the dam above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	2			Estimated from preliminary design
325	SP1&2: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	2			Estimated from preliminary design
325	SP1&2: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	100			Estimated from preliminary design
325	SP1&2: Supply and install GL 1.5 mm double textured LLDPE geomembrane on pond base and upstream slopes of embankments and anchor at crest as shown in drawings. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	33 918			Calculated from 3D model
325	SP1&2: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill.	m^3	1 161			Calculated from 3D model
325	SP1&2: Supply and install G1 500 g/m^2 nonwoven geotextile over geomembrane on base of pond. Rate to include allowance for wastage, overlap, etc.	m^2	9 985			Calculated from 3D model
325	SP1&2: Construct ballast layer at base of ponds with Zone 6 Transition Sand and Gravel (-26.5 mm), 0.3 m thick. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	2 719			Calculated from 3D model
325	SP1&2: Supply and install Zone 4 Granular B Type II 300 mm on access ramp surfaces.	m^3	330			Calculated from 3D model

325	SP1&2: Supply and install 20 MPa concrete pad 0.3 m thick on lined access ramp surfaces.	m^3	330			Calculated from 3D model
325	SP1&2: Supply and install Zone 4 Granular B Type II minimum 300 mm thick wearing course on crest of dam for vehicular access as well as graded ramps between connecting dams of different heights.	m^3	3 874			Calculated from 3D model
325	SP1&2: Supply and install Zone 4 Granular B Type II safety berms on both sides of dam crest as indicated on the drawings.	m^3	1 393			Calculated from 3D model
325	SP1&2: Excavate in each Sedimentation Pond dam to form spillway to Polishing Pond as indicated on the drawings.	m^3	500			Estimated from preliminary design
325	SP1&2: Supply and install Zone 4 Granular B Type II 300 mm on spillway base as indicated on the drawings.	m^3	34			Calculated from 3D model
325	SP1&2: Supply and place 30 MPa reinforced concrete spillway as shown on drawings. Rate to include formwork and reinforcement.	m^3	50			Estimated from preliminary design
325	SP1&2: Provide and install anchor bolts to affix GL 1.5 mm double textured LLDPE geomembrane to concrete. Rate to include stainless steel batton and rubber gaskets.	No.	150			Estimated from preliminary design
325	PP: Tree clearing within local construction area including spillway chute, to include removal of stumps and stockpile in designated area.	m^2	49 297			Calculated from 3D model
325	PP: Remove muskeg, organics, topsoil, overburden and unsuitable soil from dam, pond, and spillway chute footprint to a nominal depth of 300 mm and stockpile in designated area.	m^3	14 186			Calculated from 3D model
325	PP: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	3 532			Calculated from 3D model

325	PP: Regrade excavated overburden and nominally compact to achieve uniform slopes indicated in the drawings. Stockpile excess excavated material in designated stockpile.	m^3	6 906			Calculated from 3D model
325	PP: Excavate 500 mm wide trenches in overburden for installation of subsurface drainage system in base of pond to a depth of 0.5 m, as indicated on the drawings.	m^3	75			Calculated from 3D model
325	PP: Supply and install G2 300 g/m^2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wastage, overlap, etc.	m^2	690			Calculated from 3D model
325	PP: Supply and install Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	75			Calculated from 3D model
325	PP: Supply and install 75 mm ID double walled perforated HDPE pipes (DR11) with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system, to grades and slopes indicated on the drawings. Rate to include transport, offloading, installation, and allowance for wastage.	m	300			Calculated from 3D model
325	PP: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth of 1 to 2 m.	No.	1			Estimated from preliminary design
325	PP: Supply and install pump in concrete manhole (costed in water treatment section)	No.	1			Estimated from preliminary design
325	PP: Rip base of dam embankment to a depth of 200 mm and compact to 95% Standard Proctor density.	m^2	30 473			Calculated from 3D model
325	PP: Construct embankments with Zone 2 Waste Rockfill (-450 mm), including perimeter and central dams. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from pit development or stockpiles as identified by Owner.	m^3	187 024			Calculated from 3D model
325	PP: Construct upstream Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick on upstream dam slopes. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	4 190			Calculated from 3D model
325	PP: Construct upstream Zone 5 Filter/Bedding Sand (-4.75 mm) layer 0.3 m thick on upstream dam slopes. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	4 190			Calculated from 3D model
325	PP: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the highest portion of the lined pond dam. Rate to include transport, offloading, installation, calibration.	No.	1			Estimated from preliminary design
325	PP: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Estimated from preliminary design
325	PP: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the dam above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	1			Estimated from preliminary design
325	PP: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Estimated from preliminary design
325	PP: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	50			Estimated from preliminary design
325	PP: Supply and install GL 1.5 mm double textured LLDPE geomembrane on pond base and upstream slopes of embankments and anchor at crest as shown in drawings. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	28 590			Calculated from 3D model
325	PP: Backfill geomembrane anchor trench with Zone 3 Till/Sand Bentonite Cement Fill.	m^3	574			Calculated from 3D model
325	PP: Supply and install G1 500 g/m^2 nonwoven geotextile over geomembrane on base of pond. Rate to include allowance for wastage, overlap, etc.	m^2	13 689			Calculated from 3D model
325	PP: Construct ballast layer at base of ponds with Zone 6 Transition Sand and Gravel (-26.5 mm), 0.3 m thick. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	3 956			Calculated from 3D model
325	PP: Supply and install Zone 4 Granular B Type II minimum 300 mm thick wearing course on crest of dam for vehicular access as well as graded ramps between connecting dams of different heights.	m^3	1 847			Calculated from 3D model
325	PP: Supply and install Zone 4 Granular B Type II safety berms on both sides of dam crest as indicated on the drawings.	m^3	861			Calculated from 3D model
325	PP: Construct spillway chute with Zone 2 Waste Rockfill (-450 mm). Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from pit development or stockpiles as identified by Owner.	m^3	12 810			Calculated from 3D model

325	PP: Supply and install three 36 inch DR21 HDPE pipes through dam (covered under WBS 366).	m	315			Estimated from preliminary design
325	PP: Supply and install Zone 4 Granular B Type II for pipe bedding and trench backfill around pipes through dam in layers of 200 mm thick and compact to 90% standard Proctor density. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	80			Estimated from preliminary design
325	PP: Excavate emergency spillway in Polishing Pond dam embankment and spillway chute to the lines and grades shown on the drawings.	m^3	3 517			Estimated from preliminary design
325	PP: Supply and install Zone 4 Granular B Type II in layers of 200 mm thick and compact to 90% standard Proctor density in base of emergency spillway. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	30			Estimated from preliminary design
325	PP: Supply and install 20 MPa concrete sill 0.3 m thick on Zone 4 placed on base of spillway to set the spillway sill elevation as indicated on the drawings.	m^3	30			Estimated from preliminary design
325	PP: Provide and install anchor bolts to affix GL 1.5 mm double textured LLDPE geomembrane to concrete. Rate to include stainless steel batton and rubber gaskets.	No.	67			Estimated from preliminary design
325	PP: Supply and install G1 500 g/m^2 nonwoven geotextile on spillway side slopes through the dam and on the base and side slopes in the spillway chute. Rate to include allowance for anchoring, wastage, overlap, etc.	m^2	2 483			Estimated from preliminary design
325	PP: Supply and install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile on sideslopes in spillway weir on dam crest. Rate to include excavate, select, load, transport, offload, spread or backfill, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification. Sourced from open pit development or stockpiles as identified by Owner.	m^3	75			Estimated from preliminary design
325	PP: Supply and install Zone 7c Spillway Erosion Protection with D50 = 400 mm and place in 500 mm thick layer on geotextile in base of ditch and sideslopes in spillway chute. Rate to include excavate, select, load, transport, offload, spread or backfill, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification. Sourced from open pit development or stockpiles as identified by Owner.	m^3	3 122			Estimated from preliminary design
	Subtotal					

c	CONTAMINATED CONTACT WATER POND					
326	CCWP: Tree clearing within local construction area, to include removal of stumps and stockpile in designated area.	m^2	15 684			Calculated from 3D model
326	CCWP: Remove muskeg, organics, topsoil, overburden and unsuitable soil from dam and pond footprint to a nominal depth of 300 mm and stockpile in designated area.	m^3	4 288			Calculated from 3D model
325	CCWP: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	1 637			Calculated from 3D model
326	CCWP: Regrade excavated overburden and nominally compact to achieve uniform slopes indicated in the drawings. Stockpile excess excavated material in designated stockpile.	m^3	3 200			Calculated from 3D model
326	CCWP: Excavate 500 mm wide trenches in overburden for installation of subsurface drainage system in base of pond to a depth of 1 m, as indicated on the drawings.	m^3	120			Calculated from 3D model
326	CCWP: Supply and install G2 300 g/m^2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wastage, overlap, etc.	m^2	792			Calculated from 3D model
326	CCWP: Supply and install Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	120			Calculated from 3D model
326	CCWP: Supply and install 75 mm ID double walled perforated HDPE pipes (DR11) with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system, to grades and slopes indicated on the drawings. Rate to include transport, offloading, installation, and allowance for wastage.	m	240			Calculated from 3D model
326	CCWP: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth of 1 to 2 m.	No.	1			Estimated from preliminary design
326	CCWP: Supply and install pump in concrete manhole (costed in water treatment section)	No.	1			Estimated from preliminary design
326	CCWP: Rip base of dam embankment to a depth of 200 mm and compact to 95% Standard Proctor density.	m^2	11 382			Calculated from 3D model
326	CCWP: Construct embankments with Zone 2 Waste Rock (-450 mm), including perimeter and central dams. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from pit development or stockpiles as identified by Owner.	m^3	34 119			Calculated from 3D model
326	CCWP: Construct upstream Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick on upstream dam slopes. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	1 376			Calculated from 3D model
326	CCWP: Construct upstream Zone 5 Filter/Bedding Sand (-4.75 mm) layer 0.3 m thick on upstream dam slopes. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	1 376			Calculated from 3D model
326	CCWP: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the highest portion of the lined pond dam. Rate to include transport, offloading, installation, calibration.	No.	1			Estimated from preliminary design
326	CCWP: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Estimated from preliminary design
326	CCWP: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the dam above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	1			Estimated from preliminary design
326	CCWP: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Estimated from preliminary design
326	CCWP: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	40			Estimated from preliminary design
326	CCWP: Supply and install GL 1.5 mm double textured LLDPE geomembrane on pond base and upstream slopes of embankments and anchor at crest as shown in drawings. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	8 187			Calculated from 3D model
326	CCWP: Backfill geomembrane anchor trench with Zone 3 Till/Sand Bentonite Cement Fill.	m^3	352			Calculated from 3D model
326	CCWP: Supply and install G1 500 g/m^2 nonwoven geotextile over geomembrane on base of pond. Rate to include allowance for wastage, overlap, etc.	m^2	2 937			Calculated from 3D model

326	CCWP: Construct ballast layer at base of ponds with Zone 6 Transition Sand and Gravel (-26.5 mm), 0.3 m thick. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	846			Calculated from 3D model
326	CCWP: Supply and install Zone 4 Granular B Type II minimum 300 mm thick wearing course on crest of dam for vehicular access as well as graded ramps between dams of varying heights.	m^3	1 055			Calculated from 3D model
326	CCWP: Supply and install Zone 4 Granular B Type II safety berms on both sides of dam crest as indicated on the drawings.	m^3	527			Calculated from 3D model
326	CCWP: Construct access road to dam with Zone 2 Waste Rock (-450 mm). Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from pit development or stockpiles as identified by Owner.	m^3	764			Calculated from 3D model
326	CCWP: Supply and install Zone 4 Granular B Type II minimum 300 mm thick wearing course on dam access road.	m^3	144			Calculated from 3D model
	Subtotal					
D	**TREATED WATER COLLECTION POND**					
361	Treated water collection pond (TWCP): Tree clearing within local construction area, to include removal of stumps and stockpile in designated area.	m^2	10 122			Calculated from 3D model
361	TWCP: Remove muskeg, organics, topsoil, overburden and unsuitable soil from pond footprint to a nominal depth of 300 mm and stockpile in designated area.	m^2	10 122			Calculated from 3D model
361	TWCP: Excavate overburden to bedrock within pond footprint. Stockpile excavated material in designated stockpile.	m^3	52 255			Calculated from 3D model with assumed bedrock elevation at El. 374 m based on limited available borehole data
361	TWCP: Blast bedrock to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	6 848			Calculated from 3D model with assumed bedrock elevation at El. 374 m based on limited available borehole data
361	TWCP: Supply and install slush grout on exposed bedrock surface for liner surface preparation.	m^2	2 911			Calculated from 3D model
361	TWCP: Blast 500 mm wide trench in bedrock for installation of subsurface drainage system in base of pond to a depth of up to 1 m, as indicated on the drawings.	m^3	43			Bedrock elevation assumed at El. 374 m based on limited available borehole data. 0.5 m width x 1 m depth x 86 m length
361	TWCP: Supply and install G2 300 g/m^2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wastage, overlap, etc.	m^2	285			Calculated from 3D model
361	TWCP: Supply and install Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	43			0.5 m width x 1 m depth x 86 m length
361	TWCP: Supply and install 75 mm ID double walled perforated HDPE pipes (DR11) with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system, to grades and slopes indicated on the drawings. Rate to include transport, offloading, installation, and allowance for wastage.	m	110			Estimated from preliminary design
361	TWCP: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth up to 3 m.	No.	1			Estimated from preliminary design
361	TWCP: Supply and install pump in concrete manhole (costed in water treatment section)	No.	1			Estimated from preliminary design
361	TWCP: Excavate 1 m x 1 m trench in overburden around perimeter of pond for geomembrane anchor trench.	m^3	393			Calculated from 3D model
361	TWCP: Supply and install GL 1.5 mm double textured LLDPE geomembrane on base and slopes of pond as shown in drawings and anchor at crest. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	10 251			Calculated from 3D model
361	TWCP: Backfill geomembrane anchor trench with Zone 3 Till/Sand Bentonite Cement Fill.	m^3	393			Calculated from 3D model
361	TWCP: Supply and install G1 500 g/m^2 nonwoven geotextile over geomembrane on base of pond. Rate to include allowance for wastage, overlap, etc.	m^2	3 133			Calculated from 3D model
361	TWCP: Construct ballast layer at base of ponds with Zone 6 Transition Sand and Gravel (-26.5 mm), 0.3 m thick. Rate to include excavate, select, load, transport, offload, spread or backfill, water, compact, final grading, complying with required tolerances, providing for testing, and disposal of spoil. Material sourced from processed material temporary stockpiles.	m^3	843			Calculated from 3D model
	Subtotal					
	TOTAL COST					

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT -PHASE 1 DYKES

WBS	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of Quantities
A	**DYKE IN LAKE 001 PHASE 1**					
327	Remove muskeg, organics, topsoil, overburden and unsuitable soil from dyke footprint (on dry land) to a nominal depth of 300 mm and stockpile in designated area.	m^2	5 600			The dam footprint on land from the Autocad model
327	Remove lake sediments from below dyke footprint with dredging or long reach excavator to a depth of 1.5 m.	m^3	7 800			The dam footprint underwater from the Autocad model, and the thickness of the loose materilas in lake sediment interpreted from BH logs
327	Supply and Install silt curtains in Lake 001 on the upstream and downstream sides of Phase 1 Dyke	m^2	1 200			Considering the height from the water level to the lake bed
327	Load, haul , dump and construct central berm in water with dumping and dozing method from edge of water with Zone 1 crushed stone (-75 mm) sourced from on-site stockpile	m^3	3 700			From deisgn of dam, using Civil 3D
327	Construct side berms in water with select Mine Rockfill (-450 mm) with dumping and dozing method from edge of water. (Below El 375m)	m3	13 900			From deisgn of dam, using Civil 3D
327	Supply and install steel sheet piles to bedrock within Zone 1 to form a barrier against water infiltration and to ensure the structural integrity of the dyke. Top of sheet pile elevation to match final dyke elevation	m^2	1 500			From the dam length and depth of the IDF water level to the bedrock
327	Construct remaining berm above crushed stone layer and adjacent to sheet pile to final berm elevation with Zone 2 Mine Rockfill (-450 mm) (Above EL 375m)	m^3	10 500			From deisgn of dam, using Civil 3D
327	Load, haul, place, and compact Granular B Type II from stockpile on crest of dyke for vehicular access, including safety berms on dam crest.	m^3	600			From deisgn of dam, using Civil 3D
	Subtotal				$0,00	
B	**DYKE IN LAKE 001 PHASE 2**					
327	Remove muskeg, organics, topsoil, overburden and unsuitable soil from dyke footprint (on dry land) to a nominal depth of 300 mm and stockpile in designated area.	m^2	9 800			The dam footprint on land from the Autocad model
327	Remove lake sediments from below dyke footprint with dredging or long reach excavator to a depth of 1.5 m.	m^3	44 300			The dam footprint underwater from the Autocad model, and the thickness of the loose materilas in lake sediment interpreted from BH logs
327	Supply and Install silt curtains in Lake 001 on the upstream and downstream sides of Phase 1 Dyke	m^2	2 800			Considering the height from the water level to the lake bed
327	Load, haul , dump and construct central berm in water with dumping and dozing method from edge of water with Zone 1 crushed stone (-75 mm) sourced from on-site stockpile.	m^3	23 900			From deisgn of dam, using Civil 3D
327	Construct side berms in water with select Mine Rockfill (-450 mm) with dumping and dozing method from edge of water. (below EL 375m)	m3	71 100			From deisgn of dam, using Civil 3D
327	Supply and install steel sheet piles to bedrock within Zone 1 to form a barrier against water infiltration and to ensure the structural integrity of the dyke. Top of sheet pile elevation to match final dyke elevation	m^2	7 200			From the dam length and depth of the IDF water level to the bedrock
327	Construct remaining berm above crushed stone layer and adjacent to sheet pile to final berm elevation with Zone 2 Mine Rockfill (-450 mm) (Above EL 375m)	m^3	26 800			From deisgn of dam, using Civil 3D
	Load, haul, place, and compact Granular B Type II from stockpile on crest of dyke for vehicular access, including safety berms on dam crest.	m^3	1 400		$0,00	From deisgn of dam, using Civil 3D
C	**SEDIMENT CONTROL DAM**					
327	Remove lake sediments from below dyke footprint with dredging or long reach excavator to a depth of 1.5 m.	m^3	1 188			The dam footprint from the Autocad model, and the thickness of the loose materilas in lake sediment interpreted from BH logs
327	Construct berm with Zone 2 Mine Rockfill (-450 mm)	m^3	772			From deisgn of dam, using Civil 3D
	Subtotal				**$0,00**	
	TOTAL COST				**$0,00**	

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - DIVERSION DITCH

WBS	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	
A	**FOUNDATION PREPARATION**					
329	Excavate topsoil and soft material (overburden) to form the required channel profile in areas where it is aligned through natural soil. To be placed in Overburden Pile 04 or 05.	m^3	6 000			0.4 m of overburden as per BH CV 780/782
329	Blast bedrock to form the required channel profile in areas where it is aligned through rocky terrain. Remove blast muck and place it in the StockPile 001	m^3	61 000			Assuming bed rock below 0.4 m of surface as per BH CV 780/782.
329	Supply and install 500g/m2 non-woven needle punched geotextile below rip-rap for erosion protection in the channel including anchoring as per detail in areas where is is aligned through natural soil. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	157			Assuming 15% of the channel needs to be ripraped.
329	Install Zone 7 rip-rap for erosion protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base and sideslopes of the ditches as per detail in areas where it is aligned through natural soil. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	517			Assuming 15% of the channel needs to be ripraped.
329	Backfill with blasted rock along the channel crest to meet the required channel profile and depth where required. Rate to include loading, transport, offloading, spreading or backfilling.	m^3	200			Assummed
C	**MISCELLANEOUS WORK ITEMS**					
	Subtotal					
	TOTAL COST					

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - WATER TREATMENT FOR POTABLE PRODUCTION

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of estimate
A	**Treatment plant**					
331	Potable water production - Treatment Unit - 176 m3/d (450 rooms) - No installation, no delivery	UNIT	1	$1 671 554,00	$1 671 554,00	Supplier quote
331	Delivery of the plant to the site - 4 containers					
331	Installation and interconnecting piping					
331	First fill of chemical for start-up	lot	1	$1 200,00	$1 200,00	
331	Commissioning and training of operators (5% of total price)	lot	1	$83 577,70	$83 577,70	
331						
B	**Pipeline**					
331						
331						
331						
C	**Electrical Room**					
331	Panelboard 600V, 125A, 25kA, 9 FEEDERS (9X20A, 1x30A)	UNIT	1	$6 262,29	$6 262,29	Quote from ABB 01.05.2025
331	VFD 7,5HP, 600V	UNIT	2	$2 000,00	$4 000,00	Quote from ABB 0xx.05.2025
331	VFD 20HP, 600V	UNIT	2	$3 400,00	$6 800,00	Quote from ABB 0xx.05.2025
331	Divers	Lot	1			
D	**Services**					
331						
331						
E	**Ground preparation**					
331	Remove muskeg, organics, topsoil, overburden and unsuitable soil from designated footprint and stockpile in designated area.	m2	120			
331	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	74			
331		m3				
331		m2				

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - POTABLE WATER DISTRIBUTION

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT
A	**Pumping station - FWD-PMP-001/002**				
333					
333					

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - SEWAGE TREATMENT PLANT

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of estimate
A	**Treatment plant**					
341	Ultimo SMBR - Sewage water treatment unit - Mabarex - 176 m3/d (450 rooms) - No installation, no delivery	UNIT	1	$4 618 114,00	$4 618 114,00	Supplier quote from Mabarex
341	Delivery of the plant to the site - 5 containers + 2 reservoirs					
341						
341	First fill of chemical for start-up	lot	1	$18 800,00	$18 800,00	
341	Commissioning and training of operators (5% of total price)	lot	1	$230 905,70	$230 905,70	
341						
341						
B	**Pipeline**					
341	Potable water pipeline between potable production plant and sewage treatment plant - DR17 - 2in - Butt fusion	m	100	$3,08	$308,00	
341	Potable water pipeline between potable production plant and sewage treatment plant - DR17 - 2in - fittings	lot	1	$92,40	$92,40	
C	**Electrical Room**					
341	Panelboard 600V, 600A, 25kA, 11 FEEDERS (20X20A, 1X40)	UNIT	1	$25 000,00	$25 000,00	
341	VFD 7,5HP, 600V	UNIT	8	$2 000,00	$16 000,00	Quote from ABB 0xx.05.2025
341	VFD 15HP, 600V	UNIT	8	$2 800,00	$22 400,00	Quote from ABB 0xx.05.2025
D	**Services**					
		TBD				
E	**Ground preparation**					
341	Crushed stone, backfill and compaction	m2	500			
341	Remove muskeg, organics, topsoil, overburden and unsuitable soil from designated footprint and stockpile in designated area.	m2	500			
341	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	53			

NN10260950

25,000 gal. (US) 20,880 gal. (UK) 94,600 L
Diamètre: 3,048 mm (10')
Longueur: 13,996 aim (45' 11")
Poids: 3,425 kg (7,550 livres)

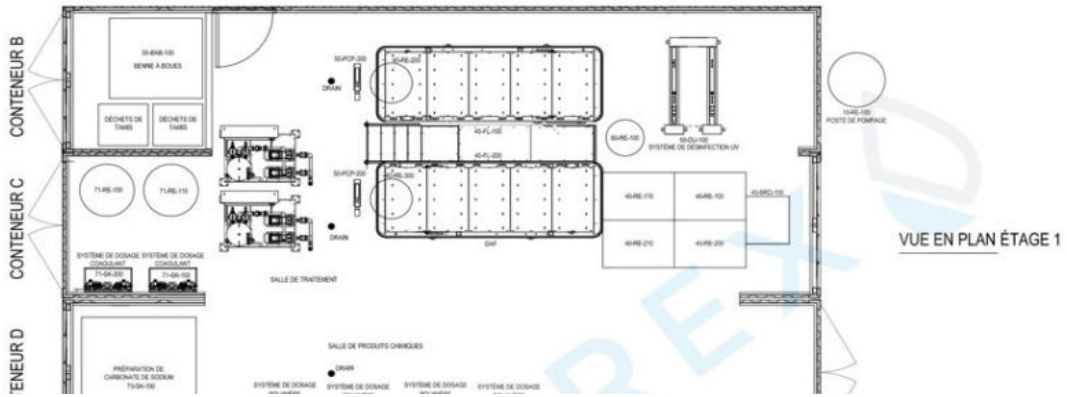


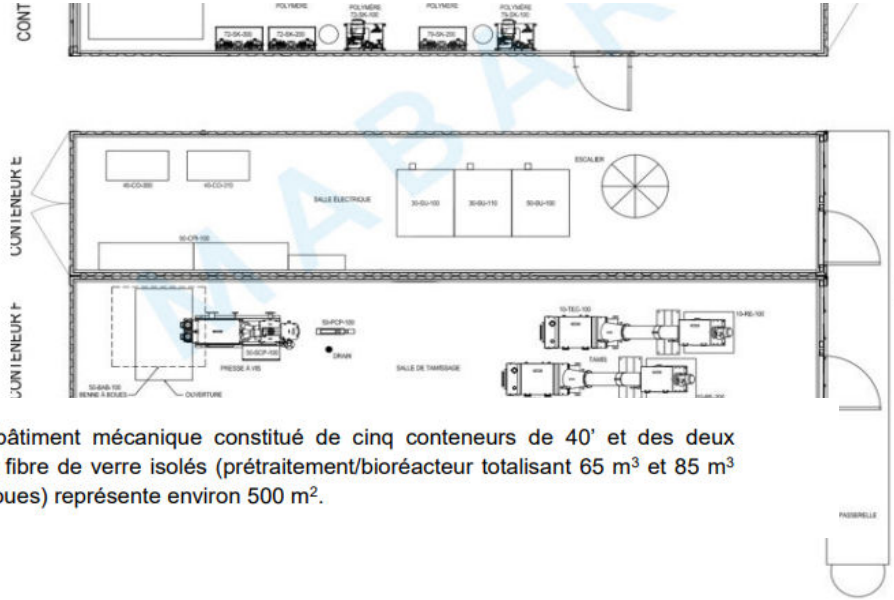
NN08350687

18,000 gal. (US) 14,990 gal. (UK) 68,100 L
Diamètre: 2,438 mm (8')
Longueur: 16,573 mm (54' 4 1/2")
Poids: 2,654 kg (6,860 livres)



*Considering the footprint of 3X40' containers + 2 X40' containers for the two reservoirs





VUE EN PLAN ÉTAGE 2

sol du bâtiment mécanique constitué de cinq conteneurs de 40' et des deux -sols en fibre de verre isolés (prétraitement/bioréacteur totalisant 65 m^3 et 85 m^3 ge des boues) représente environ 500 m^2.

MABAS

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - TREATED DOMESTIC WATER DISCHARGE

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Base of estimate
A	**Pumping station - SWT-PMP-001/002**					included in 341 for electricity
342	Barmesa Submersible Stainless Dewatering Pump - 2KLEIN-202, 2", 153 GPM, 2.0 HP, Stainless, 230V, Single-Phase	Unit	2	$2 000,00	$4 000,00	Barmesa Submersible Stainless Dewatering Pump - 2KLEIN-202, 2", 153 GPM, 2.0 HP, Stainless, 230V, Single-Phase
342	Concrete prefabricated Pumping station SP9000 base of 2400 mm by Lecuyer for pipe of 500mm	Lot	1	$43 400,00	$43 400,00	Quote from Lecuyer 11.04.205 (70% of the price to consider a smaller pumping station)
342	Concrete prefabricated Pumping station SP9000 Connexion of 2100 mm by Lecuyer	Lot	Included			
342	galvanized steel ladder with anchor	Lot	Included			
342	butyl gasket for sealing sections (For pumping well and manhole)	Lot	Included			
342	Flex-Lok gasket for sealing the pipe (For pumping well and manhole)	Lot	Included			
342	Non-Contact Rader Level Transmitter	unit	1	$3 000,00	$3 000,00	
B	**Pipeline**					
342	HDPE - DR11 (200PSI) - 3" Butt Fusion	m	1 525	$6,84	$10 431,00	Quote from Marcel Baril 09.04.2025
342	HDPE - DR11 (200PSI) - 3" - Fittings	lot	1	$3 129,30	$3 129,30	

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - CONTACT WATER TREATEMENT PLANT - PHASE 1

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of estimate	
A	**Treatment plant**						
361	Trace Metal Water Treatment - Veolia - 1 165 m3/h - No installation, no delivery	Lot	1	$4 375 000,00	$4 375 000,00	Quote from Veolia (2025.04.14). 20% of contingency added	
361	Laboratory in 20" container - Insulated and heated	Unit	1	$150 000,00		Quote from Veolia (2025.04.16). 20% of contingency added	
361	Delivery of the plant to the site - 6 containers + 2 geotubes	lot	1				
361							
361	First fill of chemical for start-up	lot	1	$15 000,00	$15 000,00		
361	Commissioning and training of operators (5% of total price)	lot	1	$218 750,00	$218 750,00		
361	Megadome XP high Profiles - 30m wide x 40m length	Unit	1				
361	Barmesa Submersible Stainless Steel Vortex Sewage Pump - 2BSV-101DS, 2", 127 GPM, 1.0 HP, Single-Phase, 115 Volt - FCW-PMP-001	UNit	2	$1 061,00	$2 122,00	To transfer water from filtered water to contaminated water -	Barmesa Submersible Stainless Steel Vortex Sewage Pump - 2BSV-101DS, 2", 127 GPM, 1.0 HP, Single-Phase, 115 Volt
361	HDPE DR17 pipe 2 in diameter Butt fusion - FCW-PMP-001	m	100	$3,08	$308,00		
361	HDPE - DR17 - 2" - Fittings - FCW-PMP-001	lot	1	$92,40	$92,40		
361	Heat Tracing cables C13-574-COJ - FCW-PMP-001	Ft	361	$12,00	$4 330,71		
361	Electronic Thermostat NGUTC 6340-01 - FCW-PMP-001	Unit	1	$6 911,00	$6 911,00		
361	Temperature Sensor URTD 15G - FCW-PMP-001	Unit	1	$298,25	$298,25		
361	Temperature Sensor URTD 15R - FCW-PMP-001	Unit	1	$298,25	$298,25		
361	Power Feed Kit 1 - FCW-PMP-001	Unit	1	$935,90	$935,90		
361	Nominal 76 mm (3.0 in) thick standard U.I.P.® urethane insulation c/w black extruded polyethylene, integral heat trace channels on customer supplied pipe - FCW-PMP-001	Ft	361	$30,00	$10 826,77		
B	**Electrical Room**						
361	Panelboard 600V, 400A, 25kA, 11 FEEDERS (20X20A, 1x40A, 4x100A)	UNIT	1	$30 000,00	$30 000,00		
361	VFD 5HP, 600V	UNIT	8	$1 500,00	$12 000,00	Quote from ABB 0xx.05.2025	
361	VFD 75HP, 600V	UNIT	4	$11 000,00	$44 000,00	Quote from ABB 0xx.05.2025	
361							
C	**Ground preparation**						
361	Remove muskeg, organics, topsoil, and unsuitable soil from designated footprint to a nominal depth of 300 mm and stockpile in designated area.	m2	1575				
361	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	5775				
D	**SERVICES**						
361	Insulated potable water tank of 5 m3 with recirculating flow to protect againt freezing	Unit	1				
361	Centrifugal pump rated at 55 Usgpm	Unit	1				
361	All the piping to allow the recirculation of 15 Usgpm + 40 Usgpm for 2 emergency shower in the plant	Unit	1				
361	All the fitting to allow the recirculation of 15 Usgpm + 40 Usgpm for 2 emergency shower in the plant	Unit	1				

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - CONTACT WATER TREATEMENT PLANT - PHASE 2

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of quantities
A	**Treatment plant -**					
A1	**Trace Metal**					
362	Trace Metal Water Treatment - Veolia - 1 895 m3/h (NOT IN INITIAL CAPEX)	Lot	1	$2 880 000,00	$2 880 000,00	Quote from Veolia (2025.04.14).
362	Delivery of the plant to the site - 1 container + 1 geotube					
362						
A1	**TSS**					
362	TSS Water Treatment - Veolia 1 570 m3/hr (NOT IN INITIAL CAPEX)	Lot	1	$3 700 000,00	$3 700 000,00	Quote from Veolia (2025.04.14).
362	Delivery of the plant to the site - 2 container + 4 geotubes	Lot	1			
362	First fill of chemical for start-up	Lot	1	$15 000,00	$15 000,00	
362	Commissioning and training of operators (5% of total price)	Lot	1	$185 000,00	$185 000,00	
362						
B	**Electrical Room**					
362	Panelboard 600V, 400A, 25kA, 21 FEEDERS (20X20A, 1x40A)	UNIT	1	$25 000,00	$25 000,00	
362	VFD 5HP, 600V	UNIT	10	$1 500,00	$15 000,00	Quote from ABB 0xx.05.2025
362	VFD 10HP, 600V	UNIT	3	$2 500,00	$7 500,00	Quote from ABB 0xx.05.2025
361	VFD 75HP, 600V	UNIT	1	$11 000,00	$11 000,00	Quote from ABB 0xx.05.2025
C	**Ground preparation**					
C1	**Trace Metal**					
362	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m3	805,00			
362	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	6 370			
362		m2				
362						
C2	**TSS**					
362	Remove muskeg, organics, topsoil, and unsuitable soil from designated footprint to a nominal depth of 300 mm and stockpile in designated area.	m2	3150			
362		m2				
D	**SERVICES**					

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - PUMPS & PIPING - PHASE 1

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	
A	**Pumping station - P1-PMP-001/002**					
	A1 Pumping station					
364	Centrifugal pump, Sewatec K 150-403G 3ENH 504/504	UNIT	2	$69 300,00	$138 600,00	Quote fromKSB 05.12.2025
364	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	unit	1	$200 000,00	$200 000,00	
364	Priming System	unit	1	$20 000,00	$20 000,00	Quote from Nord-flo 16.04.2025
364	Delivery of the plant to the site - 1 container	unit	1			
	A2 Pipeline					
364	HDPE - DR11 (200PSI) - 14" - Butt fusion	m	2 971	$109,79	$326 186,09	Quote from Marcel Baril 09.04.2025
	HDPE - DR11 (200PSI) - 14" - Fittings	lot	1	$97 855,83	$97 855,83	
364	HDPE - DR11 (200PSI) - 24" (Suction) - Butt fusion	m	40	$322,58	$12 903,20	Quote from Marcel Baril 09.04.2025
	HDPE - DR11 (200PSI) - 24" - Fittings	lot	1	$3 870,96	$3 870,96	
	Piping installation					
364	3" Air & Vacuum Valve Crispin Model AX30	Unit	2	$14 952,72	$29 905,44	Quote from Conval Quebec 24.04.2025
364	Ball valve - 316 S.S. Body - Model 3"K-456666PTSE-v3 cadenassable	Unit	4	$4 153,19	$16 612,76	Quote from ISCO 29.04.2025
364	316 AI ROBINET A BOUTS FILETE 4 BILLE 2MC PASS 1000 WOG	UNIT	4	$944,09	$3 776,36	Quote from ISCO 29.04.2025
364	20" X 4" ELECTROFUSION BRANCH SADDLE	UNIT	4	$1 128,14	$4 512,56	Quote from ISCO 29.04.2025
364	4" IPS MANCHON ELECTROFUSION TEGA FM	UNIT	4	$36,33	$145,32	Quote from ISCO 29.04.2025
364	4" DR 11 IPS TRANSITION MPT ACIER STAINLESS 304, CAT 3	UNIT	4	$109,70	$438,80	Quote from ISCO 29.04.2025
364	14" X 3" ELECTROFUSION BRANCH SADDLE	UNIT	4	$570,51	$2 282,04	Quote from ISCO 29.04.2025
364	3" IPS MANCHON ELECTROFUSION TEGA FM	UNIT	4	$24,41	$97,64	Quote from ISCO 29.04.2025
364	3" DR 11 IPS TRANSITION MPT ACIER STAINLESS 304, CAT 3	UNIT	4	$73,79	$295,16	Quote from ISCO 29.04.2025
364	304 RACCORDS FILETE CLASSE 150 4 BOUCHON TETE CARREE	UNIT	4	$36,90	$147,60	Quote from ISCO 29.04.2025
	A3 Electrical Room					
364	Panelboard 600V, 225A, 25kA, 5 FEEDERS (2X200A, 2X20A, 1X40A)	UNIT	1	$30 000,00	$30 000,00	
364	VFD 200HP, 600V	UNIT	2	$26 000,00	$52 000,00	Quote from ABB 02.05.2025
	A4 Ground Preparation					
364						
364						

	A5 Instrumentation					
364	HydroStatic Level Transmitter	Unit	1	$2 000,00	$2 000,00	
364	Motorized Isolation Valve	Unit	2	$10 000,00	$20 000,00	
364	Pressure Transmitter	Unit	1	$2 500,00	$2 500,00	
364	Pressure Indicator	Unit	1	$1 000,00	$1 000,00	
364	Magnetic Flow Transmitter	Unit	1	$10 000,00	$10 000,00	
364	Mobile diesel air compressor - 100 PSI - 1600 cfm (for purging all pipelines)	Unit	1	$500 000,00	$500 000,00	
B	**Pumping station - P3-PMP-001/002**					
	B1 Pumping station					
364	Centrifugal pump, CPO 10x8x16H - 200HP, 60 hz	UNIT	4	$89 864,59	$359 458,36	
364	Pump house - 40' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$270 000,00	$270 000,00	Quote from Nord-flo 16.04.2025
364	Delivery of the plant to the site - 1 container					
364	Priming System	UNIT	1	$20 000,00	$20 000,00	Quote from Nord-flo 16.04.2025
						Quote from Nord-flo 16.04.2025
	B2 Pipeline					
364	HDPE - DR11 (200PSI) - 32" - Butt fusion	m	3 469	$573,47	$1 989 367,43	Quote from Marcel Baril 09.04.2025
364	HDPE - DR11 (200PSI) - 32" - Fittings	UNit	1	$795 746,97	$795 746,97	
364	HDPE - DR9 (250PSI) - 18" - Butt fusion	m	15	$181,44	$2 721,60	Quote from Marcel Baril 09.04.2025
364	HDPE - DR9 (250PSI) - 18" - Fittings	Lot	1	$1 088,64	$1 088,64	
364	HDPE - DR11 (200PSI) - 30" (Suction) - Butt fusion	m	80	$418,79	$33 503,20	Quote from Marcel Baril 09.04.2025
364	HDPE - DR11 (200PSI) - 30" - Fittings	Lot	1	$13 401,28	$13 401,28	
364	Piping installation					
364	Line Drainage system					
	Knife gate valve 24" - 24" C67S-316EBU-EZ-LK7- 316/316/EPDM ITT FABRI E-Z MAN.KGV	Unit	2	$16 132,00	$32 264,00	Quote from Conval Quebec 16.04.2025
	Straight Tee - HDPE - 20"	Unit	2			
	Reducer - HDPE - 24" x 20"	Unit	2			
	Flange Adapter + Backup ring - HDPE - 24"	Unit	2			
	1" nipple	Unit	2			
	Ball valve - 316 S.S. Body - 1"446666PMSE-v3 cadenassable	UNIT	2	$57,14	$114,28	
	Foam Pig - 16-1/2" SLS BARE SWAB	UNIT	5	$137,00	$685,00	
	Ball valve - 316 S.S. Body - 1"446666PMSE-v3 cadenassable	unit	2	$14 952,72	$29 905,44	
	Foam Pig - 15-1/2" SLS BARE SWAB	UNIT	5	$137,00	$685,00	
	Knife gate valve - 18" C67S-316EBU-EZ-LK7- 316/316/EPDM ITT FABRI E-Z MAN.KGV	Unit	2	$14 346,79	$28 693,58	
	Ball valve - 316 S.S. Body - 1"446666PMSE-v3 cadenassable	UNIT	2	$536,35	$1 072,70	
	3" Air & Vacuum Valve Crispin Model AX30	Unit	2	$14 952,72	$29 905,44	

	B3 Electrical Room					
364	Panelboard 600V, 225A, 25kA, 5 FEEDERS (2X300A, 2X20A, 1X40A)	UNIT	1	$40 000,00	$40 000,00	
364	VFD 25 HP, 600V	UNIT	2	$4 250,00	$8 500,00	
364	VFD 250 HP, 600V	UNIT	2	$32 000,00	$64 000,00	
	B4 Ground Preparation					
364	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	29,52			
364						
364						
	B5 Instrumentation					
364	HydroStatic Level Transmitter	Unit	1	$2 000,00	$2 000,00	
364	Motorized Isolation Valve	Unit	2	$10 000,00	$20 000,00	
364	Pressure Transmitter	Unit	1	$2 500,00	$2 500,00	
364	Pressure Indicator	Unit	1	$1 000,00	$1 000,00	
364	Magnetic Flow Transmitter	Unit	1	$10 000,00	$10 000,00	
C	**Pumping station - CWT1-PMP-001**					
	C1 Pumping station					
364	Centrifugal pump,\ Xylen 7030 3 -621 38HP - Flygt	UNIT	4	$92 469,00	$369 876,00	Quote from Nord-flo
364	Pump box	UNIT	3	$140 000,00	$420 000,00	Quote from Veolia
	C2 Pipeline					
364	HDPE - DR11 (200PSI) - 20" - Butt fusion	m	99	$68,28	$6 759,72	
364	HDPE - DR11 (200PSI) - 20" - Fittings	Lot	1	$2 703,89	$2 703,89	
364	HDPE - DR11 (200PSI) - 26" - Butt fusion	m	340	$115,40	$39 236,00	
364	HDPE - DR11 (200PSI) - 26" - Fittings	Lot	1	$15 694,40	$15 694,40	
	C3 Electrical Room					
364						
364						
364						
	C4 Ground Preparation					
364						
	C5 Instrumentation					
364	Heat Tracing cables C13-574-COJ	Ft	3795	$16,42	$62 313,90	
364	Electronic Thermostat NGUTC 6340-01	UNIT	1	$6 911,00	$6 911,00	
364	Temperature Sensor URTD 15G	UNIT	1	$298,25	$298,25	
364	Temperature Sensor URTD 15R	UNIT	1	$298,25	$298,25	
364	Power Feed Kit 1	UNIT	1	$935,90	$935,90	
364	Nominal 76 mm (3.0 in) thick standard U.I.P.® urethane insulation c/w black extruded polyethylene, integral heat trace channels on customer supplied pipe	Ft	1265	$173,55	$219 540,75	
364	Pressure Transmitter	Unit	1	$2 500,00	$2 500,00	
364	Pressure Indicator	Unit	1	$1 000,00	$1 000,00	
364	Magnetic Flow Transmitter	Unit	1	$10 000,00	$10 000,00	

D	Pumping station - CP1-PMP-001/002/003					
	D1 Pumping station					
364	Centrifugal Pump, RUHRPUMPEN CPP10X8X13 (OH1), Ductile Iron casing, 75HP, 3PH, 60Hz, 230/460V	UNIT	3	$52 999,98	$158 999,94	Quote from Nord-flo 16.04.2025
364	Priming System	UNIT	1	$20 000,00	$20 000,00	Quote from Nord-flo 16.04.2025
364	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$200 000,00	$200 000,00	Quote from Nord-flo 16.04.2025
364	Delivery of the plant to the site - 1 container					
	D2 Pipeline					
364	HDPE - DR11 (200PSI) - 20" - Butt fusion	m	30	$224,01	$6 720,30	Quote from Marcel Baril 09.04.2025
	HDPE - DR11 (200PSI) - 20" - Fittings	Lot	1	$2 688,12	$2 688,12	
364	HDPE - DR9 (250PSI) - 16" - Butt fusion	m	1 948	$143,35	$279 245,80	Quote from Marcel Baril 09.04.2025
364	HDPE - DR9 (250PSI) - 16" - Fittings	Lot	1	$111 698,32	$111 698,32	
364	Marine Oil Skimming Boom - Spillage response to apply in contact water pond 1 to prevent oil getting in the pump station	m	60	$100,00	$6 000,00	
364	3" Air & Vacuum Valve Crispin Model AX30	Unit	1	$14 952,72	$14 952,72	Quote from Conval Quebec 24.04.2025
364	Ball valve - 316 S.S. Body - Model 3"K-456666PTSE-v3 cadenassable	Unit	2	$4 153,19	$8 306,38	
364	316 AI ROBINET A BOUTS FILETE 4 BILLE 2MC PASS 1000 WOG	Unit	2	$944,09	$1 888,18	
364	20" X 4" ELECTROFUSION BRANCH SADDLE	UNIT	2	$1 128,14	$2 256,28	
364	4" IPS MANCHON ELECTROFUSION TEGA FM	UNIT	2	$36,33	$72,66	
364	4" DR 11 IPS TRANSITION MPT ACIER STAINLESS 304, CAT 3	UNIT	2	$109,70	$219,40	
364	304 RACCORDS FILETE CLASSE 150 4 BOUCHON TETE CARREE	UNIT	2	$36,90	$73,80	
	D3 Electrical Room					
364	Panelboard 600V, 100A, 25kA, 5 FEEDERS (3X80A, 1X40A, 2x20A)	UNIT	1	8000	$8 000,00	
364	VFD 75HP, 600V	UNIT	3	12000	$36 000,00	Quote from ABB 02.05.2025
	D4 Ground Preparation					
364						
364						
	D5 Instrumentation					
364	HydroStatic Level Transmitter	Unit	1	$2 000,00	$2 000,00	
364	Local Control Station - Local/Remote Selector, Start/Stop PushButton	Unit	2	$10 000,00	$20 000,00	
364	Variable Frequency Drive	Unit	1	$2 500,00	$2 500,00	
364	Local PLC Control Panel	Unit	1	$1 000,00	$1 000,00	
364	Motorized Isolation Valve	Unit	1	$10 000,00	$10 000,00	

E	**Pumping station - CP2-PMP-001/002**					
	E1 Pumping station					
364	Centrifugal pump, RUHRPUMPEN CPP 10X8X13 (OH1), Ductile Iron casing, 50HP, 3PH, 60Hz, 230/460V	UNIT	2	$45 656,64	$91 313,28	Quote from Nord-flo 16.04.2025
364	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$200 000,00	$200 000,00	Quote from Nord-flo 16.04.2025
364	Compressor for priming system	UNIT	1	$20 000,00	$20 000,00	Quote from Nord-flo 16.04.2025
364	Delivery of the plant to the site - 1 container					
	E2 Pipeline					
364	HDPE - DR11 (200PSI) - 20" - Butt fusion	m	25	$224,01	$5 600,25	Quote from Marcel Baril 09.04.2025
364	HDPE - DR11 (200PSI) - 20" - Fittings	Lot	1	$2 240,10	$2 240,10	
364	HDPE - DR9 (250PSI) - 16" - Butt fusion	m	430	$109,79	$47 209,70	Quote from Marcel Baril 09.04.2025
364	HDPE - DR9 (250PSI) - 16" - Fittings	Lot	1	$18 883,88	$18 883,88	
364	Marine Oil Skimming Boom - Spillage response to apply in contact water pond 1 to prevent oil getting in the pump station	m	45	$100,00	$4 500,00	
364	3" Air & Vacuum Valve Crispin Model AX30	Unit	1	$14 952,72	$14 952,72	
364	Ball valve - 316 S.S. Body - Model 3"K-456666PTSE-v3 cadenassable	Unit	2	$4 153,19	$8 306,38	
364	316 AI ROBINET A BOUTS FILETE 4 BILLE 2MC PASS 1000 WOG	UNIT	2	$944,09	$1 888,18	
364	20" X 4" ELECTROFUSION BRANCH SADDLE	UNIT	2	$1 128,14	$2 256,28	
364	4" IPS MANCHON ELECTROFUSION TEGA FM	UNIT	2	$36,33	$72,66	
364	4" DR 11 IPS TRANSITION MPT ACIER STAINLESS 304, CAT 3	UNIT	2	$109,70	$219,40	
364	304 RACCORDS FILETE CLASSE 150 4 BOUCHON TETE CARREE	UNIT	2	$36,90	$73,80	
	E3 Electrical Room					
364	Panelboard 600V, 100A, 25kA, 5 FEEDERS (2X20A, 2X50A, 1X40A)	UNIT	1	$8 000,00	$8 000,00	
364	VFD 50HP, 600V	UNIT	2	$8 010,00	$16 020,00	Quote from ABB 02.05.2025
	E4 Ground Preparation					
364	Slab on Grade Concrete 30 Mpa for containers 4in (100mm) - Including FormWork, Welded Wire Mesh, Embeds and anchor Bolts	m2	14,76			
	E5 Instrumentation					
364	HydroStatic Level Transmitter	Unit	1	$2 000,00	$2 000,00	
364	Motorized Isolation Valve	Unit	2	$10 000,00	$20 000,00	
364	Pressure Transmitter	Unit	1	$2 500,00	$2 500,00	
364	Pressure Indicator	Unit	1	$1 000,00	$1 000,00	
364	Magnetic Flow Transmitter	Unit	1	$10 000,00	$10 000,00	
F	**Pumping station - CWCP-PMP-001/002/003**					
	F1 Pumping station					
364		UNIT	0			
364		UNIT	0			
364						
	F2 Pipeline					
	Pumping well and suction line					
364		Lot				
364						
364						
	Discharge					
364						
364						
	F3 Electrical Room					
364	Panelboard 600V, 225A, 25kA, 5 FEEDERS (3X300A, 2X20A, 1X40A)	UNIT	0	$0,00		
364						
	F4 Ground Preparation					

364	Backfill of Granular B Type II 12in (300mm)	m3			
364		m3			
364					
	F5 Instrumentation				
364	HydroStatic Level Transmitter	Unit	0		
364	Local Control Station - Local/Remote Selector, Start/Stop PushButton	Unit	0		

G	**Pumping station - P1A-PMP-001/002**					
	G1 Pumping station					
364	Centrifugal pump, Sewatec K 150-403G 3ENH 504/504	UNIT	2	$39 300,00	$78 600,00	Quote fromKSB 05.12.2025
364	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$200 000,00	$200 000,00	Quote from Nord-flo 16.04.2025
364	Compressor for priming system	UNIT	1	$20 000,00	$20 000,00	Quote from Nord-flo 16.04.2025
364	Delivery of the plant to the site - 1 container	unit	1			
	G2 Pipeline					
364	HDPE - DR11 (200PSI) - 12" - Butt fusion	m	1 400	$91,04	$127 456,00	Quote from Marcel Baril 09.04.2025
364	HDPE - DR11 (200PSI) - 12" - Fittings	Lot	1	$38 236,80	$38 236,80	
364	HDPE - DR11 (200PSI) - 26" (Suction) - Butt fusion	m	40	$143,35	$5 734,00	
364	HDPE - DR11 (200PSI) - 26" - Fittings	Lot	1	$1 720,20	$1 720,20	
364	16" X 4" ELECTROFUSION BRANCH SADDLE	UNIT	2	$1 128,14	$2 256,28	Quote from ISCO 29.04.2025
364	4" IPS MANCHON ELECTROFUSION TEGA FM	UNIT	2	$36,33	$72,66	Quote from ISCO 29.04.2025
364	4" DR 11 IPS TRANSITION MPT ACIER STAINLESS 304, CAT 3	UNIT	2	$109,77	$219,54	Quote from ISCO 29.04.2025
364	HydroStatic Level Transmitter	Unit	1	$2 000,00	$2 000,00	
364	Motorized Isolation Valve	Unit	2	$10 000,00	$20 000,00	
364	Pressure Transmitter	Unit	1	$2 500,00	$2 500,00	
364	Pressure Indicator	Unit	1	$1 000,00	$1 000,00	
364	Magnetic Flow Transmitter	Unit	1	$10 000,00	$10 000,00	
	G3 Electrical Room					
364	Panelboard 600V, 225A, 25kA, 5 FEEDERS (2X30A, 2X20A, 1X40A)	UNIT	1	$6 262,29	$6 262,29	

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - PUMPS & PIPING - PHASE 2

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	
A	**Pumping station - P2-PMP-001/002**					
	A1 Pumping station					
365	Centrifugal pump, RUHRPUMPEN CPO 10x8x16H, Ductile Iron casing, 100HP, 3PH, 60Hz, 230/460V (NOT IN INITIAL CAPEX)	UNIT	2	$59 276,18	$118 552,36	Quote from Nord-flo 16.04.2025
365	Pump house - 20' insulated and heated container containing all the piping, valve, fittings, instrumentation, a transformer 600V/240V, a Local PLC, Motor Control Started, VFD, Local Control Station and HVAC	UNIT	1	$200 000,00	$200 000,00	Quote from Nord-flo 16.04.2025
365	Compressor for priming system	UNIT	1	$20 000,00	$20 000,00	Quote from Nord-flo 16.04.2025
	Delivery of the plant to the site - 1 container	UNIT	1	$-		
	A2 Pipeline					
365	HDPE - DR11 (200PSI) - 20" - Butt fusion	m	40	$224,01	$8 960,40	Quote from Marcel Baril 09.04.2025
365	HDPE - DR11 (200PSI) - 20" - Fittings	Lot	1	$3 584,16	$3 584,16	
365	HDPE - DR11 (200PSI) - 16" - Butt fusion	m	1 800	$143,35	$258 030,00	Quote from Marcel Baril 09.04.2025
365	HDPE - DR11 (200PSI) - 16" - Fittings	Lot	1	$103 212,00	$103 212,00	
365	3" Air & Vacuum Valve Crispin Model AX30	Unit	2	$14 952,72	$29 905,44	Quote from Conval Quebec 24.04.2025
365	Ball valve - 316 S.S. Body - Model 3"K-456666PTSE-v3 cadenassable	UNIT	4	$4 153,19	$16 612,76	Quote from Conval Quebec 24.04.2025
365	316 AI ROBINET A BOUTS FILETE 4 BILLE 2MC PASS 1000 WOG	UNIT	4	$944,09	$3 776,36	Quote from ISCO 29.04.2025
365	20" X 4" ELECTROFUSION BRANCH SADDLE	UNIT	4	$1 128,14	$4 512,56	Quote from ISCO 29.04.2025
365	16" X 4" ELECTROFUSION BRANCH SADDLE	UNIT	4	$1 128,14	$4 512,56	
365	4" IPS MANCHON ELECTROFUSION TEGA FM	UNIT	4	$36,33	$145,32	Quote from ISCO 29.04.2025
365	4" DR 11 IPS TRANSITION MPT ACIER STAINLESS 304, CAT 3	UNIT	4	$109,70	$438,80	Quote from ISCO 29.04.2025
	304 RACCORDS FILETE CLASSE 150 4 BOUCHON TETE CARREE	UNIT	4	$36,90	$147,60	Quote from ISCO 29.04.2025
	A3 Electrical Room					
365	Panelboad 600V, 100A, 25kA, 5 FEEDER (2X20A, 1X40A, 2X150A)	UNIT	1	$15 000,00	$15 000,00	RSMEANS
365	VFD 100HP, 600V	UNIT	2	$12 630,00	$25 260,00	Quote from ABB 02.05.2025
	A4 Ground Preparation					
365						
365						
365						
	A5 Instrumentation					
365	HydroStatic Level Transmitter	Unit	1	$2 000,00	$2 000,00	
365	Motorized Isolation Valve	Unit	2	$10 000,00	$20 000,00	
365	Pressure Transmitter	Unit	1	$2 500,00	$2 500,00	
365	Pressure Indicator	Unit	1	$1 000,00	$1 000,00	
365	Magnetic Flow Transmitter	Unit	1	$10 000,00	$10 000,00	
B	**Pumping station - CWT2-PMP-001/002**					
	B1 Pumping station					
365	Centrifugal pump,\ Xylen 7030 3 -621 38HP - Flygt	UNIT	3	$92 469,00	$277 407,00	
365	Puimp box	UNIT	2	$140 000,00	$280 000,00	
	B2 Pipeline					
365						
365						
	B3 Electrical Room					
365						
365						
	B4 Ground Preparation					
365						
365						
	B5 Instrumentation					
365						
365						

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - DISCHARGE & DIFFUSER

Item #	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	
A	**Discharge pipe**					
366	HDPE - DR11 (100 PSI) - 36" - pipe spool - Flange on one side (3x)	m	315	$399,50	$125 842,50	
366	HDPE - DR11 (100 PSI) - 36" - Fittings (3x)	Lot	1	$50 337,00	$50 337,00	
366	HDPE DR21 pipe 36in diameter (3x) pipe spool - Installation					
366	Vent Valve 8in	UNit	1			
B	**Emergency Spillway**					
366						
366						
C	**Flow measurement**					
366	Staff gauge	Unit	1			
366						
D	**Diffuser**					
366	HDPE DR17 pipe 24 in diameter with 6in fused vertical risers. Flange on one side and blind flange at the end	m	300			
366	Reducer and fitting to go from 36in pipe to 24 in pipe	unit	3			
366	Proflex style 730 or tideflex tf-2 elastomeric sleeve type check valve with 300 series stainless steel retaining band(s). (without installation)	Uni	42	$1 250,00	$52 500,00	Quote from Conval Valve, 14.04.2
366	Installation of the diffuser (3x) in the river	Lot	1			
366	Concrete ballast blocks with steel reinforcing rods 270kg/block every 5m	Unit	60			

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - STOCKPILE 001

WBS (Level 3)	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of quantities
A	**STOCKPILE 001**					
371	Capital: Remove muskeg, organics, topsoil, overburden and unsuitable soil from stockpile footprint to a nominal depth of 300 mm and stockpile in designated area.	m^2	441 400			Stockpile footprint from AutoCAD model, footprint from engineering design
371	Sustaining: Remove muskeg, organics, topsoil, overburden and unsuitable soil from stockpile footprint to a nominal depth of 300 mm and stockpile in designated area.	m^2	361 100			Stockpile footprint from AutoCAD model, footprint from engineering design
B	**STOCKPILE 001 DITCHES AND PONDS**					
372	Capital, Ditches: Excavate overburden to form ditch to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	22 400			Ditch dimensions from AutoCAD model and depth to bedrock as determined by BBA's geotechnical investigation
372	Sustaining, Ditches: Excavate overburden to form ditch to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	33 800			Ditch dimensions from AutoCAD model and depth to bedrock as determined by BBA's geotechnical investigation
372	Capital, Ditches: Compact base of ditch to 95% Standard Proctor density	m^2	42 600			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Ditches: Compact base of ditch to 95% Standard Proctor density	m^2	53 600			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ditches: Construct ditch embankments with Zone 8 Sand/Silt (Overburden), where required and as indicated in the drawings. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	14 000			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Ditches: Construct ditch embankments with Zone 8 Sand/Silt (Overburden), where required and as indicated in the drawings. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	10 900			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ditches: Supply and install 500g/m2 non-woven needle punched geotextile in ditch below rip-rap for erosion protection including anchoring as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	12 600			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Ditches: Supply and install 500g/m2 non-woven needle punched geotextile in ditch below rip-rap for erosion protection including anchoring as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	18 200			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ditches: Install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base of ditch and sideslopes. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	3 410			Ditch dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Sustaining, Ditches: Install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base of ditch and sideslopes. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	4 950			Ditch dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Capital, Ditches: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course alongside ditch for vehicular access. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	2 270			Ditch dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Sustaining, Ditches: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course alongside ditch for vehicular access. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 250			Ditch dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Capital, Ditches, Culvert: Excavate trench for culvert installation (1x 2 m wide and minimum 2 m deep with 2H:1V side slopes) with a longitudinal slope as per detail. Stockpile excavated material in designated stockpile.	m^3	250			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Ditches, Culvert: Excavate trench for culvert installation (1x 2 m wide and minimum 2 m deep with 2H:1V side slopes) with a longitudinal slope as per detail. Stockpile excavated material in designated stockpile.	m^3	-			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ditches, Culvert: Supply and install 800 mm diameter CSP culvert with 1.6 mm wall thickness, 68x13 mm corrugation profile and light galvanised Z275 with couplings suppled by manufacturer. Rate to include transport, offloading, installation, allowance for wasteage.	m	20			Ditch dimensions from AutoCAD model, spec. from engineering best practice

372	Sustaining, Ditches, Culvert: Supply and install 800 mm diameter CSP culvert with 1.6 mm wall thickness, 68x13 mm corrugation profile and light galvanised Z275 with couplings suppled by manufacturer. Rate to include transport, offloading, installation, allowance for wasteage.	m	-			Ditch dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ditches, Culvert: Supply and install Zone 4 Granular B Type II for pipe bedding and trench backfill and place in layers of 200mm thick and compact to 90% standard Proctor density. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles).	m^3	190			Ditch dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Sustaining, Ditches, Culvert: Supply and install Zone 4 Granular B Type II for pipe bedding and trench backfill and place in layers of 200mm thick and compact to 90% standard Proctor density. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles).	m^3	-			Ditch dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Capital, Pond: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	62 700			Pond dimensions from AutoCAD model, design based on pond volumes
372	Sustaining, Pond: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	45 900			Pond dimensions from AutoCAD model, design based on pond volumes
372	Capital, Pond: Rip base of embankment and pond foundation to a depth of 200 mm and compact to 95% Standard Proctor density	m^2	74 500			Pond dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Sustaining, Pond: Rip base of embankment and pond foundation to a depth of 200 mm and compact to 95% Standard Proctor density	m^2	46 000			Pond dimensions from AutoCAD model, spec. and thickness from engineering best practice
372	Capital, Pond: Construct embankment with Zone 2 Waste Rock (-450 mm). Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from pit development, quarry or stockpiles as identified by Owner)	m^3	46 200			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Sustaining, Pond: Construct embankment with Zone 2 Waste Rock (-450 mm). Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from pit development, quarry or stockpiles as identified by Owner)	m^3	36 600			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Capital, Pond: Construct upstream embankment Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	2 450			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Sustaining, Pond: Construct upstream embankment Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	2 320			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Capital, Pond: Construct upstream embankment Zone 5 Filter/Bedding Sand (-4.75 mm) layer 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 190			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Sustaining, Pond: Construct upstream embankment Zone 5 Filter/Bedding Sand (-4.75 mm) layer 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	2 970			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Capital, Pond: Supply and install 1.5 mm double textured LLDPE geomembrane on upstream slopes of embankments and anchor at toe, crest and abutments as shown in drawings. Rate to include allowance for wasteage, overlap, welding of seams etc.	m^2	12 300			Embankment dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Pond: Supply and install 1.5 mm double textured LLDPE geomembrane on upstream slopes of embankments and anchor at toe, crest and abutments as shown in drawings. Rate to include allowance for wasteage, overlap, welding of seams etc.	m^2	11 200			Embankment dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Pond: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill	m^3	2 900			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Sustaining, Pond: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill	m^3	2 380			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Capital, Pond: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course on crest of dam for vehicular access, including safety berms on dam crest. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	1 780			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design

372	Sustaining, Pond: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course on crest of dam for vehicular access, including safety berms on dam crest. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	1 620			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
372	Capital, Pond, Spillway: Excavate natural ground/embankment to form the required dimensions and slopes indicated in the drawings. Stockpile excavated material in the designated stockpile.	m^3	1 429			Spillway dimensions from AutoCAD model, dimensions from engineering design
372	Sustaining, Pond, Spillway: Excavate natural ground/embankment to form the required dimensions and slopes indicated in the drawings. Stockpile excavated material in the designated stockpile.	m^3	2 765			Spillway dimensions from AutoCAD model, dimensions from engineering design
372	Capital, Pond, Spillway: Excavate 1m wide x 1 m deep trench in spillway at outlet location.	m^3	10			Spillway dimensions from AutoCAD model, dimensions from engineering design
372	Sustaining, Pond, Spillway: Excavate 1m wide x 1 m deep trench in spillway at outlet location.	m^3	8			Spillway dimensions from AutoCAD model, dimensions from engineering design
372	Capital, Pond, Spillway: Backfill 1m wide x 1m deep trench in spillway with 20 MPa mass concrete to fix spillway invert level. Rate to include transport, backfilling, complying with required tolerances, providing for testing, and disposal of spoil.	m^3	10			Spillway dimensions from AutoCAD model, dimensions from engineering design
372	Sustaining, Pond, Spillway: Backfill 1m wide x 1m deep trench in spillway with 20 MPa mass concrete to fix spillway invert level. Rate to include transport, backfilling, complying with required tolerances, providing for testing, and disposal of spoil.	m^3	8			Spillway dimensions from AutoCAD model, dimensions from engineering design
372	Capital, Pond, Spillway: Supply and install 500 g/m2 nonwoven needle punched geotextile below riprap for erosion protection and separation in spillway, including anchoring, as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	1 510			Spillway dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Pond, Spillway: Supply and install 500 g/m2 nonwoven needle punched geotextile below riprap for erosion protection and separation in spillway, including anchoring, as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	3 090			Spillway dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ponds, Spillways: Install Zone 7b Rip-Rap Erosion Protection with D50 = 300 mm and place in 600 mm thick layer on geotextile in base and sideslopes spillway chute as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	830			Spillway dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Ponds, Spillways: Install Zone 7b Rip-Rap Erosion Protection with D50 = 300 mm and place in 600 mm thick layer on geotextile in base and sideslopes spillway chute as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	1 740			Spillway dimensions from AutoCAD model, spec. from engineering best practice
372	Capital, Ponds, Spillways: Install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base and sideslopes of spillway weir as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	30			Spillway dimensions from AutoCAD model, spec. from engineering best practice
372	Sustaining, Ponds, Spillways: Install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base and sideslopes of spillway weir as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	30			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Subtotal					
	TOTAL COST					

Schedule of Quantities

702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - STOCKPILE 001

WBS (Level 3)	Description	UNIT	QUANTITY	UNIT RATE ($) CDN	AMOUNT	Basis of quantities
A	**STOCKPILE 002**					
374	Capital: Remove muskeg, organics, topsoil, overburden and unsuitable soil from stockpile footprint to a nominal depth of 300 mm and stockpile in designated area	m^2	759 400			Stockpile footprint from AutoCAD model, dimensions from engineering design
374	Sustaining: Remove muskeg, organics, topsoil, overburden and unsuitable soil from stockpile footprint to a nominal depth of 300 mm and stockpile in designated area	m^2	1 424 100			Stockpile footprint from AutoCAD model, dimensions from engineering design
374	Capital: Rip base of Stockpile 002 to a depth of 200 mm and compact via proof-rolling	m^2	759 400			Stockpile footprint from AutoCAD model, dimensions from engineering design
374	Sustaining: Rip base of Stockpile 002 to a depth of 200 mm and compact via proof-rolling	m^2	1 424 100			Stockpile footprint from AutoCAD model, dimensions from engineering design
374	Capital: Supply and install sand cushion layer at base of Stockpile to a minimum thickness of 200 mm in locations as required (assume 30% of footprint). Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, disposal of spoil. (Material sourced from on-site borrow pit or stockpiles as identified by Owner)	m^3	45 600			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Sustaining: Supply and install sand cushion layer at base of Stockpile to a minimum thickness of 200 mm in locations as required (assume 30% of footprint). Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, disposal of spoil. (Material sourced from on-site borrow pit or stockpiles as identified by Owner)	m^3	85 500			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Capital: Construct Starter Dam around footprint of Tailings portion of the stockpile using Zone 2 Waste Rock (-450 mm) to a height of 3 m with 3H:1V side slopes and a 5 m crest. Rate to include selection, loading, transport, offloading, spreading, final grading, compaction, disposal of spoil. (Material sourced from pit development, quarry or stockpiles as identified by Owner)	m^3	50 900			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Sustaining: Construct Starter Dam around footprint of Tailings portion of the stockpile using Zone 2 Waste Rock (-450 mm) to a height of 3 m with 3H:1V side slopes and a 5 m crest. Rate to include selection, loading, transport, offloading, spreading, final grading, compaction, disposal of spoil. (Material sourced from pit development, quarry or stockpiles as identified by Owner)	m^3	105 500			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Capital: Install Zone 5 Filter/Bedding Sand (-4.75 mm) cushion layer below Starter Dam, 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil (material sourced from processed material temporary stockpiles).	m^3	8 400			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Sustaining: Install Zone 5 Filter/Bedding Sand (-4.75 mm) cushion layer below Starter Dam, 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil (material sourced from processed material temporary stockpiles).	m^3	17 400			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Capital: Construct Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick on upstream slope of Starter Dam. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 500			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Sustaining: Construct Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick on upstream slope of Starter Dam. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	7 200			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Capital: Construct Zone 5 Filter/Bedding Sand (-4.75 mm) 0.3 m thick on upstream slope of starter dam. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 500			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Sustaining: Construct Zone 5 Filter/Bedding Sand (-4.75 mm) 0.3 m thick on upstream slope of starter dam. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	7 200			Stockpile footprint from AutoCAD model, dimensions from engineering design, spec. from engineering best practice
374	Capital: Supply and install 1.5 mm double textured LLDPE geomembrane including anchoring as per detail (footprint of PAG/Tailings portion of the stockpile). Rate to include allowance for wasteage, overlap, welding of seams etc.	m^2	774 400			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Sustaining: Supply and install 1.5 mm double textured LLDPE geomembrane including anchoring as per detail (footprint of PAG/Tailings portion of the stockpile). Rate to include allowance for wasteage, overlap, welding of seams etc.	m^2	1 435 500			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Capital: Supply and install 500g/m2 non-woven needle punched geotextile cushion layer over geomembrane including anchoring (footprint of PAG/Tailings portion of the stockpile). Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	774 400			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice

374	Sustaining: Supply and install 500g/m2 non-woven needle punched geotextile cushion layer over geomembrane including anchoring (footprint of PAG/Tailings portion of the stockpile). Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	1 435 500			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Capital: Backfill stockpile geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill (footprint of PAG/Tailings portion of the stockpile)	m^3	7 495			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Sustaining: Backfill stockpile geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill (footprint of PAG/Tailings portion of the stockpile)	m^3	5 705			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Capital: Install Zone 8 Sand/Silt (Overburden) at base of stockpile over geotextile for protection of geomembrane to a thickness of 1 m. Fill to be placed in layers not exceeding 300 mm, moisture conditioned and compacted to 95% Standard Proctor density. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	132 500			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Sustaining: Install Zone 8 Sand/Silt (Overburden) at base of stockpile over geotextile for protection of geomembrane to a thickness of 1 m. Fill to be placed in layers not exceeding 300 mm, moisture conditioned and compacted to 95% Standard Proctor density. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	-			Stockpile footprint from AutoCAD model, PAG/Tailings footprint from engineering design, spec. from engineering best practice
374	Capital, Instrumentation: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the upstream slope of the starter dam. Rate to include transport, offloading, installation, calibration.	No.	4			Spec. from engineering best practice
374	Sustaining, Instrumentation: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the upstream slope of the starter dam. Rate to include transport, offloading, installation, calibration.	No.	8			Spec. from engineering best practice
374	Capital, Instrumentation: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	4			Spec. from engineering best practice
374	Sustaining, Instrumentation: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	8			Spec. from engineering best practice
374	Capital, Instrumentation: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the starter dam above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	4			Spec. from engineering best practice
374	Sustaining, Instrumentation: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the starter dam above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	8			Spec. from engineering best practice
374	Capital, Instrumentation: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	4			Spec. from engineering best practice
374	Sustaining, Instrumentation: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	8			Spec. from engineering best practice
374	Capital, Instrumentation: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	40			Embankment dimensions from AutoCAD model, spec. from engineering best practice
374	Sustaining, Instrumentation: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	80			Embankment dimensions from AutoCAD model, spec. from engineering best practice
B	**STOCKPILE 002 DITCHES AND PONDS**					
375	Capital, Ditches: Excavate overburden to form ditch in below-ground sections to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile	m^3	95 700			Ditch dimensions from AutoCAD model and depth to bedrock as determined by BBA's geotechnical investigation
375	Sustaining, Ditches: Excavate overburden to form ditch in below-ground sections to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile	m^3	171 400			Ditch dimensions from AutoCAD model and depth to bedrock as determined by BBA's geotechnical investigation
375	Capital, Ditches: Compact base of ditch to 95% Standard Proctor density	m^2	85 000			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches: Compact base of ditch to 95% Standard Proctor density	m^2	160 500			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches: Construct ditch embankments and sub-grade of vehicular access with Zone 8 Sand/Silt (Overburden), where required and as indicated in the drawings. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	23 400			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches: Construct ditch embankments and sub-grade of vehicular access with Zone 8 Sand/Silt (Overburden), where required and as indicated in the drawings. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	67 400			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches: Supply and install 1.5 mm double textured LLDPE geomembrane in ditch including anchoring as per detail. Rate to include allowance for wasteage, overlap, welding of seams etc.	m^2	41 000			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches: Supply and install 1.5 mm double textured LLDPE geomembrane in ditch including anchoring as per detail. Rate to include allowance for wasteage, overlap, welding of seams etc.	m^2	88 200			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches: Supply and install 500g/m2 non-woven needle punched geotextile below rip-rap for erosion protection in ditch including anchoring as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^3	25 400			Ditch dimensions from AutoCAD model, spec. from engineering best practice

375	Sustaining, Ditches: Supply and install 500g/m2 non-woven needle punched geotextile below rip-rap for erosion protection in ditch including anchoring as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^3	58 500			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches: Backfill ditch geotextile/geomembrane anchoring with Zone 8 Sand/Silt (Overburden), as per detail. (Material sourced from overburden stockpiles)	m^3	1 200			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches: Backfill ditch geotextile/geomembrane anchoring with Zone 8 Sand/Silt (Overburden), as per detail. (Material sourced from overburden stockpiles)	m^3	2 300			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches: Install Zone 7a Rip-Rap Erosion Protection with D_{50} = 200 mm and place in 300 mm thick layer on geotextile in base of ditch and sideslopes as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	7 000			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches: Install Zone 7a Rip-Rap Erosion Protection with D_{50} = 200 mm and place in 300 mm thick layer on geotextile in base of ditch and sideslopes as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	18 100			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course alongside ditch for vehicular access as per detail (above and below-ground sections). Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 400			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course alongside ditch for vehicular access as per detail (above and below-ground sections). Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	6 400			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches, Culvert: Excavate trenches for culvert installation (1x 2.5 m wide and minimum 2.5 m deep with 3H:1V side slopes) with a longitudinal slope as per detail. Stockpile excavated material in designated stockpile.	m^3	250			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches, Culvert: Excavate trenches for culvert installations (2x 2 m wide and minimum 2 m deep with 2H:1V side slopes, 1x 2.5 m wide and minimum 2.5 m deep with 3H:1V side slopes) with a longitudinal slope as per detail. Stockpile excavated material in designated stockpile.	m^3	-		#VALEUR!	Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches, Culvert: Supply and install 800 mm diameter CSP culvert with 1.6 mm wall thickness, 68x13 mm corrugation profile and light galvanised Z275 with couplings suppled by manufacturer. Rate to include transport, offloading, installation, allowance for wasteage.	m	20			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches, Culvert: Supply and install 800 mm diameter CSP culvert with 1.6 mm wall thickness, 68x13 mm corrugation profile and light galvanised Z275 with couplings suppled by manufacturer. Rate to include transport, offloading, installation, allowance for wasteage.	m	-			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Ditches, Culvert: Supply and install Zone 4 Granular B Type II for pipe bedding and trench backfill and place in layers of 200mm thick and compact to 90% standard Proctor density. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles).	m^3	190			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ditches, Culvert: Supply and install Zone 4 Granular B Type II for pipe bedding and trench backfill and place in layers of 200mm thick and compact to 90% standard Proctor density. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles).	m^3	-			Ditch dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Clean Water Diversion Channels: Excavate overburden to form ditch in below-ground sections to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile	m^3	27 700			
375	Capital, Clean Water Diversion Channels: Compact base of ditch to 95% Standard Proctor density	m^2	51 900			
375	Capital, Clean Water Diversion Channels: Construct ditch embankments and sub-grade of vehicular access with Zone 8 Sand/Silt (Overburden), where required and as indicated in the drawings. Rate to include selection, loading, transport, offloading, spreading or backfilling, final grading, compaction, disposal of spoil. (Sourced from overburden stockpiles or on-site borrow pits)	m^3	11 500			
375	Capital, Clean Water Diversion Channels: Supply and install 500g/m2 non-woven needle punched geotextile below rip-rap for erosion protection in ditch including anchoring as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	19 300			

375	Capital, Clean Water Diversion Channels: Install Zone 7a Rip-Rap Erosion Protection with D_{50} = 200 mm and place in 300 mm thick layer on geotextile in base of ditch and sideslopes as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	4 900			
375	Capital, Ponds: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	66 900			Pond dimensions from AutoCAD model, design based on pond volumes
375	Sustaining, Ponds: Excavate overburden to form base of pond to the dimensions and slopes indicated in the drawings. Stockpile excavated material in designated stockpile.	m^3	42 300			Pond dimensions from AutoCAD model, design based on pond volumes
375	Capital, Ponds: Rip base of embankment and pond foundation to a depth of 200 mm and compact to 95% Standard Proctor density	m^2	223 000			Pond dimensions from AutoCAD model, spec. and thickness from engineering best practice
375	Sustaining, Ponds: Rip base of embankment and pond foundation to a depth of 200 mm and compact to 95% Standard Proctor density	m^2	59 000			Pond dimensions from AutoCAD model, spec. and thickness from engineering best practice
375	Capital, Ponds: Construct embankment with Zone 2 Waste Rock (-450 mm). Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from pit development, quarry or stockpiles as identified by Owner)	m^3	136 600			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Sustaining, Ponds: Construct embankment with Zone 2 Waste Rock (-450 mm). Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from pit development, quarry or stockpiles as identified by Owner)	m^3	102 300			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Capital, Ponds: Construct upstream Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	4 810			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Sustaining, Ponds: Construct upstream Zone 6 Transition Sand and Gravel (-26.5 mm) layer 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	2 940			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Capital, Ponds: Construct upstream Zone 5 Filter/Bedding Sand (-4.75 mm) 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	6 220			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Sustaining, Ponds: Construct upstream Zone 5 Filter/Bedding Sand (-4.75 mm) 0.3 m thick. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 480			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Capital, Ponds: Supply and install 1.5 mm double textured LLDPE geomembrane on upstream slopes of embankments and base of pond and anchor at toe, crest and abutments as shown in drawings. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	202 900			Embankment dimensions from AutoCAD model, spec. from engineering best practice
375	Sustaining, Ponds: Supply and install 1.5 mm double textured LLDPE geomembrane on upstream slopes of embankments and base of pond and anchor at toe, crest and abutments as shown in drawings. Rate to include allowance for wastage, overlap, welding of seams etc.	m^2	46 700			Embankment dimensions from AutoCAD model, spec. from engineering best practice
375	Capital, Pond: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill	m^3	4 230			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Sustaining, Pond: Backfill geomembrane anchor with Zone 3 Till/Sand Bentonite Cement Fill	m^3	1 550			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Capital, Ponds: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course on crest of dam for vehicular access, including safety berms on dam crest. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	3 480			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
375	Sustaining, Ponds: Supply and install Zone 4 Granular B Type II 300 mm thick wearing course on crest of dam for vehicular access, including safety berms on dam crest. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Material sourced from processed material temporary stockpiles)	m^3	1 360			Embankment dimensions from AutoCAD model, spec. from engineering best practice and volumes from engineering design
	Capital, Ponds, Spillways: Excavate natural ground/embankments to form the required dimensions and slopes indicated in the drawings. Stockpile excavated material in the designated stockpile.	m^3	6 501			Spillway dimensions from AutoCAD model, dimensions from engineering design

	Sustaining, Ponds, Spillways: Excavate natural ground/embankments to form the required dimensions and slopes indicated in the drawings. Stockpile excavated material in the designated stockpile.	m^3	5 561			Spillway dimensions from AutoCAD model, dimensions from engineering design
	Capital, Ponds, Spillways: Excavate 1m wide x 1 m deep trench in spillway for geomembrane at spillway outlet location.	m^3	20			Spillway dimensions from AutoCAD model, dimensions from engineering design
	Sustaining, Ponds, Spillways: Excavate 1m wide x 1 m deep trench in spillway for geomembrane at spillway outlet location.	m^3	13			Spillway dimensions from AutoCAD model, dimensions from engineering design
	Capital, Ponds, Spillways: Backfill 1m wide x 1m deep trench in spillway with 20 MPa mass concrete to fix spillway invert level. Rate to include transport, backfilling, complying with required tolerances, providing for testing, and disposal of spoil.	m^3	20			Spillway dimensions from AutoCAD model, dimensions from engineering design
	Sustaining, Ponds, Spillways: Backfill 1m wide x 1m deep trench in spillway with 20 MPa mass concrete to fix spillway invert level. Rate to include transport, backfilling, complying with required tolerances, providing for testing, and disposal of spoil.	m^3	13			Spillway dimensions from AutoCAD model, dimensions from engineering design
	Capital, Ponds, Spillways: Supply and install 500 g/m2 nonwoven needle punched geotextile below riprap for erosion protection and separation in spillways, including anchoring, as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	5 960			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Sustaining, Ponds, Spillways: Supply and install 500 g/m2 nonwoven needle punched geotextile below riprap for erosion protection and separation in spillways, including anchoring, as per detail. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	5 240			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Capital, Ponds, Spillways: Install Zone 7b Rip-Rap Erosion Protection with D50 = 300 mm and place in 600 mm thick layer on geotextile in base and sideslopes select spillway chutes (Pond 02 and Pond 04) as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	3 420			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Sustaining, Ponds, Spillways: Install Zone 7b Rip-Rap Erosion Protection with D50 = 300 mm and place in 600 mm thick layer on geotextile in base and sideslopes select spillway chutes (Pond 02 and Pond 04) as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	2 980			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Capital, Ponds, Spillways: Install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base and sideslopes of spillway weir as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	45			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Sustaining, Ponds, Spillways: Install Zone 7a Rip-Rap Erosion Protection with D50 = 200 mm and place in 300 mm thick layer on geotextile in base and sideslopes of spillway weir as per detail. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, water, compaction, final grading, complying with required tolerances, providing for testing, and disposal of spoil. (Sourced from open pit development or stockpiles as identified by Owner)	m^3	40			Spillway dimensions from AutoCAD model, spec. from engineering best practice
	Capital, Ponds: Excavate 500 mm wide trenches for installation of subsurface drainage system in base of pond to a depth of up to 1 m.	m^3	550			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Sustaining, Ponds: Excavate 500 mm wide trenches for installation of subsurface drainage system in base of pond to a depth of up to 1 m.	m^3	50			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Capital, Ponds: Supply and install 300g/m2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	550			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Sustaining, Ponds: Supply and install 300g/m2 non-woven needle punched geotextile as filter layer in subsurface drainage system trench prior to provision of drainage stone. Geotextile to have minimum 300 mm overlap after placement of perforated pipe and drainage stone. Rate to include allowance for wasteage, overlap, stitching of seams etc.	m^2	50			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Capital, Ponds: Supply and installl Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	550			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Sustaining, Ponds: Supply and installl Zone 9 Clear Stone (-19 mm) as drainage medium in subsurface drainage system trench. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification. Rate to include excavation, selection, loading, transport, offloading, spreading or backfilling, final grading, complying with required tolerances, and disposal of spoil, all in accordance with the requirements of the specification.	m^3	50			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design

	Capital, Ponds: Supply and install 75 mm ID double walled perforated pipes with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system. Rate to include transport, offloading, installation, allowance for wasteage.	m	2 330			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Sustaining, Ponds: Supply and install 75 mm ID double walled perforated pipes with smooth bore supplied in 6 m length with push fit couplings in trench for subsurface drainage system. Rate to include transport, offloading, installation, allowance for wasteage.	m	220			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Capital, Ponds: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth of 1 to 2 m. Rate to include transport, offloading, installation, allowance for wasteage.	No.	3			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Sustaining, Ponds: Supply and install 1.5 m diameter concrete manhole with prefabricated concrete rings, base slab, cover slab, concrete lid and internal step irons. Concrete rings to be 500 mm wide and 83 mm thick. For manhole depth of 1 to 2 m. Rate to include transport, offloading, installation, allowance for wasteage.	No.	1			Pond dimensions from AutoCAD model, spec. and dimensions from engineering design
	Capital, Ponds, Instrumentation: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the highest portion of the lined pond embankments (1 per embankment). Rate to include transport, offloading, installation, calibration.	No.	1			Spec. from engineering best practice
	Sustaining, Ponds, Instrumentation: Supply and install vibrating wire piezometers (VWP, RST Instruments Part #VW2100, 0.35 MPa) at the toe of the highest portion of the lined pond embankments (1 per embankment). Rate to include transport, offloading, installation, calibration.	No.	1			Spec. from engineering best practice
	Capital, Ponds, Instrumentation: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Spec. from engineering best practice
	Sustaining, Ponds, Instrumentation: Supply and install VWP enclosures (4", RST Instruments Part #DT2011-SE) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Spec. from engineering best practice
	Capital, Ponds, Instrumentation: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the embankment above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	1			Spec. from engineering best practice
	Sustaining, Ponds, Instrumentation: Supply and install Single Channel VWP Datalogger (RST Instruments Part #DT2011B) at the crest of the embankment above each VWP location. Rate to include transport, offloading, installation, calibration.	No.	1			Spec. from engineering best practice
	Capital, Ponds, Instrumentation: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Spec. from engineering best practice
	Sustaining, Ponds, Instrumentation: Supply and install Cable splice kit (RST Instruments Part #ELSPLICE4) at each VWP location. Rate to include transport, offloading, installation.	No.	1			Spec. from engineering best practice
	Capital, Ponds, Instrumentation: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	40			Embankment dimensions from AutoCAD model, spec. from engineering best practice
	Sustaining, Ponds, Instrumentation: Supply and install cable to connect each VWP to a data logger. Rate to include transport, offloading, installation, calibration.	m	40			Embankment dimensions from AutoCAD model, spec. from engineering best practice
	Subtotal					
TOTAL COST						

Schedule of Quantities						
	702381 SHAAKICHIUWAANAAN - WASTE AND WATER MANAGEMENT - OVERBURDEN PILES 004 and 005 AND ORGANICS PILE					
Item #	**Description**	**UNIT**	**QUANTITY**	**UNIT RATE ($) CDN**	**AMOUNT**	**Basis of Quantities**
A	**FOUNDATION PREPARATION**					
391	Stockpile 004: Remove muskeg, organics, topsoil, overburden and unsuitable soil from stockpile and paddock footprint to a nominal depth of 300 mm and stockpile in the designated area	m^2	234 700			The stockpile and paddock footprint on land from the Autocad model
391	Stockpile 005: Remove muskeg, organics, topsoil, overburden and unsuitable soil from stockpile, ditches and pond footprint to a nominal depth of 300 mm and stockpile in designated area.	m^2	282 700			The stockpile and paddock footprint on land from the Autocad model
391	Organics Stockpile: Remove muskeg, organics, topsoil, overburden and unsuitable soil from the stockpile and paddock footprint to a nominal depth of 300 mm and stockpile in the designated area	m^2	108 000			The stockpile and paddock footprint on land from the Autocad model
	Sub Total				$0,00	
B	**CONTAINMENT PADDOCKS AND TEMPORARY SILT FENCING FOR OVERBURDEN PILE 004**					
393	Stockpile 004: Construct collection paddocks for run-off with Zone 2 Mine Rockfill (-450 mm).	m^3	4 300			From the design of the paddock, using Civil 3D
393	Stockpile 004: Temporary silt fencing	m	1 700			Perimeter Length
	Sub Total				**$0,00**	
B	**CONTAINMENT PADDOCKS AND TEMPORARY SILT FENCING FOR OVERBURDEN PILE 005**					
393	Stockpile 005: Construct collection paddocks for run-off with Zone 2 Mine Rockfill (-450 mm).	m^3	5 100			From the design of the paddock, using Civil 3D
393	Stockpile 005: Temporary silt fencing (if required, because if waste rock is not available for the paddock berm)	m	2 000			Perimeter Length
	Sub Total				**$0,00**	
C	**CONTAINMENT PADDOCKS AND TEMPORARY SILT FENCING FOR ORGANICS PILE**					
393	Organics Stockpile: Construct collection paddocks for run-off with Zone 2 Mine Rockfill (-450 mm).	m^3	3 700			From the design of the paddock, using Civil 3D
393	Organics Stockpile: Temporary silt fencing (if required because if wasterock is not available for paddock berm)	m	1 500			Perimeter Length
Subtotal					**$0,00**	
TOTAL COST					**$0,00**	

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APPENDIX

5-11 FRESHWATER INTAKE – LAKE 308

NOTE TECHNIQUE

Client :	Ressources PMET Inc.		
Projet :	Projet minier Shaakichiuwaanaan	**Référence WSP :**	CA0001724.3318
Objet :	Prélèvement eau fraîche – Lac 308	**Date :**	27 novembre 2025
c. c. :	Elsa Sormain et Dominique Poissant WSP Canada Inc.M., WSP Canada Inc		

1 Introduction

1.1 Objectif et mise en contexte

Le projet minier Shaakichiuwaanaan, développé par Ressources PMET Inc.(Client), vise l'extraction de lithium à partir d'une fosse à ciel ouvert sur une propriété située au sud du 55e parallèle, dans le territoire visé par la Convention de la Baie-James et du Nord québécois (CBJNQ). Ce projet est assujetti à une évaluation environnementale fédérale en vertu de la *Loi sur l'évaluation d'impact* (L.C. 2019, ch. 28, art. 1) ainsi qu'au régime provincial d'évaluation environnementale applicable via les instances du *Comité d'évaluation des répercussions sur l'environnement et le milieu social* (COMEV) et du *Comité d'examen* (COMEX).

Dans ce contexte, Ressources PMET a mandaté WSP Canada Inc. (WSP) pour réaliser certaines études environnementales visant à documenter les conditions environnementales de base du milieu récepteur du projet. Le *Rapport sectoriel – Hydrologie* (WSP, 2025) décrit les conditions hydrologiques existantes dans la zone d'étude locale (ZEL).

Afin de satisfaire les besoins en eau potable du projet minier, une prise d'eau est envisagée dans le lac 308 qui est localisé dans la ZEL. WSP a été mandatée pour estimer la capacité hydrologique du lac 308 au moyen d'un bilan hydrique du lac, afin d'aider à l'analyse des options de prélèvement d'eau potable. Cette note technique présente la méthodologie utilisée pour estimer ce bilan hydrique ainsi que les résultats obtenus.

1.2 Scénarios de volumes d'eau prélevés

À la demande du Client, trois scénarios de volumes d'eau journaliers prélevés ont été analysés. Le scénario 1 correspond au volume de prélèvement de conception déterminé par AtkinsRealis (courriel du 27 février 2025). Les scénarios 2 et 3 sont des hypothèses qui ont été posées afin de réaliser une analyse de sensibilité sur ce chiffre. Le tableau 1-1 présente ces trois scénarios et indique le débit de prélèvement en considérant un débit constant sur 24 heures.

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Tableau 1-1 Volumes journaliers et débits de prélèvement des trois scénarios analysés

Scénario	Volume journalier (m^3)	Débit de prélèvement (m^3/s)
1	117	0,0014
2	150	0,0017
3	200	0,0023

1.3 Description de la zone d'étude

Le lac 308 est situé dans la ZEL du projet minier Shaakichiuwaanaan, dans la région d'Eeyou Istchee Baie-James. La carte 1 et la figure 1-1 localisent le lac 308, son bassin versant ainsi que le cours d'eau à l'exutoire du lac (identifié à l'emplacement de la sonde LL-10), qui a été utilisé pour mesurer le niveau d'eau à l'exutoire du lac lors des campagnes terrain de 2023 et 2024.

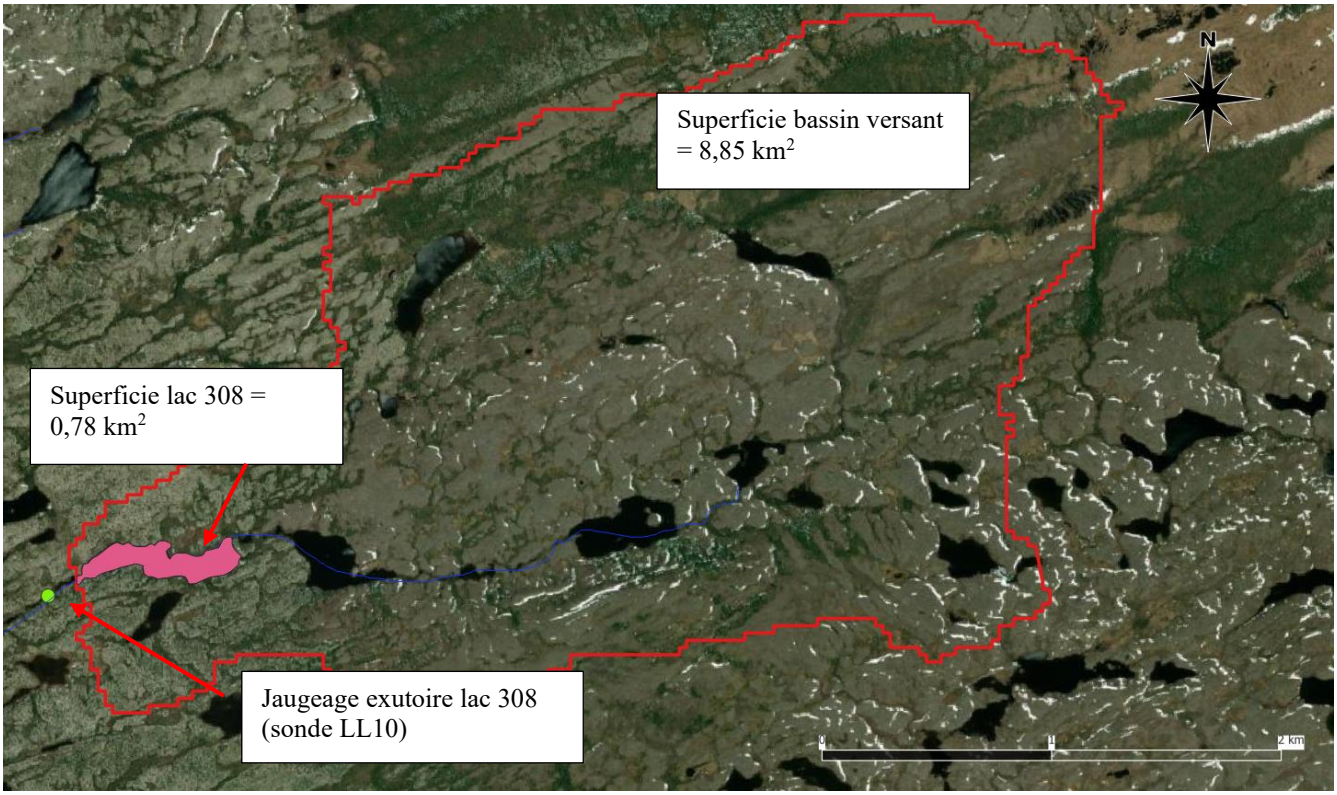


Figure 1 Bassin versant du lac 308

2 Lois et règlements en vigueur

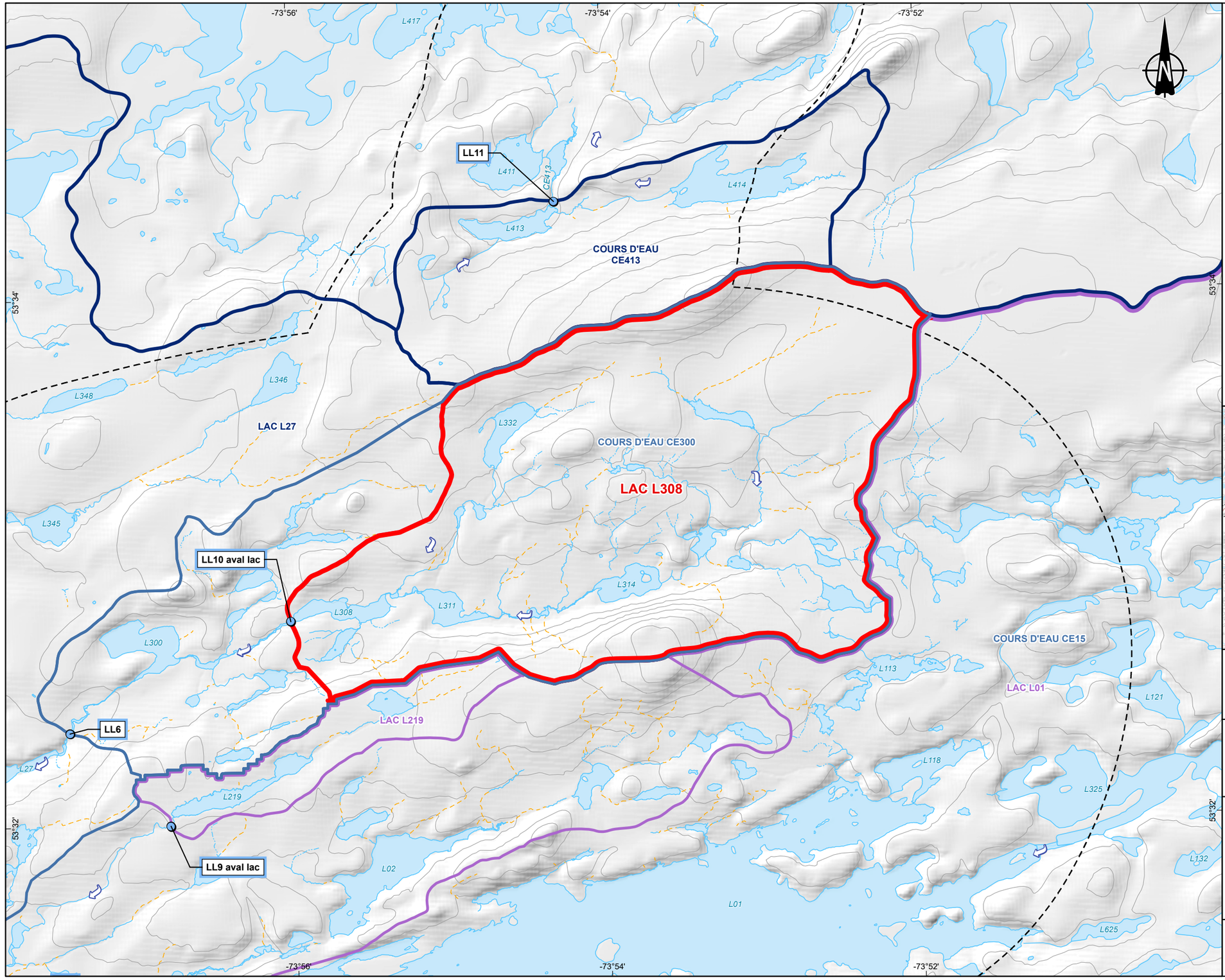
2.1 Cadre législatif applicable

Le prélèvement d'eau potable au Québec, y compris sur le territoire d'Eeyou Istchee, est soumis à un cadre législatif complexe visant à protéger la ressource et les écosystèmes. Les principales lois sont :

- **Loi sur l'eau (C-6.2)** : Affirme le caractère collectif de l'eau et impose un régime d'autorisation pour tout prélèvement significatif.
- **Loi sur la qualité de l'environnement (LQE)** : Encadre les activités ayant un impact sur l'environnement, dont les prélèvements d'eau.
- **Convention de la Baie-James et du Nord québécois** : Reconnaît les droits des Cris et prévoit des mécanismes de gouvernance partagée.

2.2 Règlements clés

- Règlement sur le prélèvement des eaux et leur protection (RPEP) (MELCCFP, 2025a) :
    1. Obligation d'obtenir une autorisation pour la majorité des prélèvements supérieurs à 75 000 L/jour (50 000 L/jour dès 2026).
    2. Imposition d'analyses de vulnérabilité et de zones de protection autour des points de captage.
- Règlement sur la déclaration des prélèvements d'eau (MELCCFP, 2025b) :
    1. Déclaration obligatoire pour tout prélèvement ≥ 50 000 L/jour, même si aucune autorisation n'est requise.
- Règlement sur les habitats fauniques (MELCCFP, 2025c) :
    1. Article 17 : Interdit toute activité susceptible de modifier un élément biologique, chimique ou physique d'un habitat faunique, sauf autorisation.
    2. Les habitats aquatiques (lacs, marais, cours d'eau) sont protégés.



Composantes du projet / *Project Components*

Zone d'inventaire / *Inventory area*

Hydrologie / *Hydrology*

Sens d'écoulement de l'eau / *Waterflow direction*

Point de calcul / *Calculation point*

Bassins versants / *Watersheds*

Principal / *Principal*

Intermédiaire / *Intermediate*

Sous-bassin versant / *Sub-watershed*

Composantes de l'écosystème / *Ecosystem Components*

Milieux hydriques / *Hydrous Environnements*

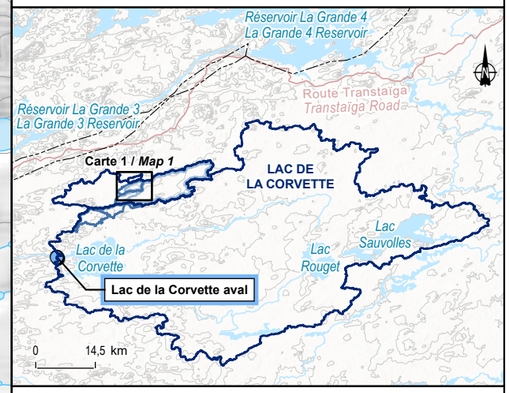
Plan d'eau / *Waterbody*

Cours d'eau / *Watercourse*

Intermittent / *Intermitent*

Permanent / *Permanent*

Souterrain / *Underground*



Projet minier Shaakichiuwaanaan /
Shaakichiuwaanaan Mining Project

Note technique - Prélèvement eau fraîche - Lac 308/
Technical Note - Freshwater Sampling - Lac 308

Carte 1 / *Map 1*
Lac 308 et son bassin versant / *Lac 308 and Its Watershed*

Sources :
CanVec, 1/250 000, RNCan, 2017
BDGA, 1M, MERN, 2014
Cartographie écologique de la végétation du Nord Québécois, MFFP, 2013

0 270 540 m
NAD 1983 CSRS UTM Zone 18N

2025-11-20

Préparation / Preparation : E. Sormain
Dessin / Drawing : M. Dupraz
Approbation / Approval : M.-H. Brisson
CA0001724_3318_nt_prelevement_eau_fraiche_251120.aprx
CA0001724_3318_nt_c01_072_lac_308_251120

2.3 Exceptions à l'autorisation ministérielle

L'article 17 du règlement sur les habitats fauniques mentionne :

« Dans un habitat du poisson, une personne ne peut effectuer du pompage d'eau que conformément à l'une ou l'autre des conditions suivantes :

1. dans le cas d'un cours d'eau, le prélèvement ne peut excéder 15 % du débit du cours d'eau à l'endroit où le prélèvement est effectué;
2. dans le cas d'une plaine d'inondations, le prélèvement ne peut excéder 45 000 litres par jour;
3. dans le cas d'un lac, le prélèvement ne peut abaisser le niveau de plus de 15 cm; un avis écrit doit être transmis par poste recommandée au ministre des Ressources naturelles et de la Faune au moins 15 jours avant la date prévue pour le début du pompage d'eau; cet avis doit indiquer le nom et la localisation du lac où le pompage d'eau est projeté, sa durée prévue ainsi que la date du début de cette activité. » (MELCCFP, 2025c)

De plus, certaines autres situations permettent un prélèvement sans autorisation, sous conditions, soit :

- **Prélèvements d'urgence** (ex. incendie, sécurité publique).
- Prélèvements temporaires pour essais ou études (durée limitée, faible volume).
- Prélèvements inférieurs au seuil réglementaire (moins de 50 000 L/jour dès 2026).
- Pompage dans un habitat du poisson à des fins agricoles : permis si effectué dans un cours d'eau et n'excède pas 15 % du débit à l'endroit du prélèvement.
- **Prélèvements pour besoins domestiques isolés** (p. ex. chalet non raccordé à un réseau public) sont souvent exemptés si le volume est faible.

2.4 Critères à respecter pour un projet de prélèvement

1. **Seuils réglementaires** : Déterminer le volume journalier prévu.
2. **Autorisation ministérielle** : Requise si seuil dépassé ou si en habitat faunique (Sauf exception. Voir point nº 4).
3. **Zones de protection** : Délimiter trois zones (immédiate, rapprochée, éloignée).
4. Protection des habitats fauniques (art. 17) :
    a. Vérifier si le site est dans un habitat identifié.
    b. Maintenir les débits/niveaux écologiques et protéger les frayères.
5. Respect des droits autochtones :Consultation obligatoire.
6. **Déclaration et suivi** : Déclaration annuelle et programme de suivi qualité.

À noter que ce document n'évalue que l'aspect quantité du prélèvement et que des évaluations pour des mesures de protection de la source d'eau potable et de la qualité de celle-ci devront être effectuées.

3 Méthodologie

3.1 Caractéristiques du lac 308 et de son bassin versant

Les caractéristiques du lac 308 et de son bassin versant sont tirées du *Rapport sectoriel – Hydrologie* (WSP, 2025).

Les caractéristiques physiographiques du lac 308 et de son bassin versant utilisées pour estimer le bilan hydrique sont décrites au tableau 3-1.

Tableau 3-1 Caractéristiques physiographiques du lac 308 et de son bassin versant

Caractéristique	Valeur
Superficie du bassin versant (km²)	8,85
Pourcentage de lacs et milieux humides du bassin versant (%)	4,94
Superficie du lac 308 (km²)	0,78

3.2 Étiages estimés par la méthode du MELCCFP (MDDELCC, 2017)

Les étiages présentent des cas critiques à considérer pour les prélèvements d'eau. Les valeurs d'étiages qui ont été estimées à l'exutoire du lac 308 dans le *Rapport sectoriel – Hydrologie* (WSP, 2025), par la méthode de régression linéaire du MELCCFP (MDDELCC, 2017) sont présentées au tableau 3-2. Ces valeurs présentent cependant une incertitude élevée, comme discuté dans WSP (2025). Cette incertitude est inhérente à la méthode d'estimation et aux données utilisées par le MELCCFP (MDDELCC, 2017). Afin de suppléer à cette incertitude, les étiages ont aussi été estimés au moyen d'un bilan hydrique et en utilisant les données recueillies lors des campagnes terrain.

Tableau 3-2 Débits d'étiages estimés à l'exutoire du lac 308

Crues / Étiages	Période de retour	Débit (m³/s)
Étiages	Q2-7	0,015
	Q10-7	0,007
	Q5-30	0,010

3.3 Débits à l'exutoire du lac 308

La relation débit-niveau à l'exutoire du lac 308 a été estimée à l'aide des données de jaugeage réalisées lors des campagnes terrain en 2023 et 2024. Cette relation est définie telle que :

$Q = 19{,}1 \times (h - 374{,}89)\ ^{1{,}97}$

où :
Q est le débit en m³/s
h est l'élévation de l'eau en m

3.4 Modélisation du bilan hydrique

Puisque le bassin versant du lac 308 est non jaugé, la série de débit a dû être reconstituée. Pour ce faire, un modèle hydrologique a été calibré à l'aide des séries de débits et météorologiques – précipitations totales et températures – du bassin versant le plus adéquat pour modéliser les apports au lac 308.

Le modèle hydrologique calibré a ensuite été utilisé pour simuler la série de débit du bassin versant du lac 308, en utilisant les séries météorologiques spécifiques au site.

3.4.1 Données hydrométriques

La station nº 03OA015 (Flora Creek) a été utilisée pour estimer le débit du bassin versant du lac 308. Cette station est localisée au Labrador à approximativement 25 km au nord-est de Fermont. WSP (2025) a fait une revue des stations hydrométriques disponibles et a montré que cette station était la plus adéquate pour estimer les débits pour les petits bassins versants de la ZEL. La station de référence sélectionnée pour estimer le débit du bassin versant du lac 308 se situe environ à la même latitude que ce dernier près de la frontière du Québec et du Labrador. Cette station hydrométrique est celle qui est la plus proche du site parmi les stations qui répondent aux deux critères suivants :

- la superficie du bassin versant de la station est d'un même ordre de grandeur que celle du bassin versant à l'étude;
- la station est en activité.

Le tableau 3-3 présente la description de cette station appelée par la suite station de référence.

Tableau 3-3 Description de la station hydrométrique 03OA015

Nº station	Nom station	Superficie (km²)	Coordonnées géographiques (NAD 83)		État	Période d'activité	Distance approximative (km²)
			LAT (degré déc.)	LON (degré déc.)			
03OA015	Flora Creek	139	52,9634	-66,8367	Ouverte	2012-2024	479

La sonde LL-10 a mesuré les niveaux d'eau à l'exutoire du lac 308 durant les campagnes terrain de 2023 et 2024. Des jaugeages ont permis d'établir sa courbe de tarage (relation niveau-débit). Cette courbe de tarage permet de convertir les niveaux enregistrés en débits. Cette série est cependant trop courte pour calibrer adéquatement un modèle hydrologique.

3.4.2 Données météorologiques

Les données météorologiques proviennent des données de réanalyse satellite ERA5-Land (Copernicus, 2023) via l'application Open-meteo (Zippenfenig, 2023).

Ces données ont été extraites à l'exutoire de la station de référence et à l'exutoire du lac 308, afin de pouvoir caractériser les deux bassins versants pour la période allant de 1980 à 2024.

3.4.3 Calibration du modèle hydrologique

Le modèle hydrologique GR4J (Perrin et Andréassian, 2003), couplé au module d'accumulation et de fonte de la neige CemaNeige (Valéry, 2010) dans sa version à 15 paramètres libres (Poissant & al., 2017), a démontré son aptitude à modéliser le débit des bassins versants nordiques. Ce modèle, nommé GR4J-15 dans la suite du texte, a été utilisé pour modéliser les séries de débits.

Le critère de Nash-Sutcliffe (NSE) permet de juger le degré d'ajustement du modèle hydrologique calibré. Le domaine des valeurs du NSE est [-∞ ; 1]. Plus la valeur est élevée, meilleur est l'ajustement du modèle. Le modèle GR4J-15 calibré avec la série hydrométrique de la station de référence et les séries météorologiques ERA5-Land pour ce bassin versant présentent un NSE égal à 0,85. Ce modèle est jugé adéquat.

Puisque la finalité de l'étude est de fournir un bilan hydrique sous forme de volumes mensuels au lac 308, les volumes mensuels observés et simulés à la station de référence ont été validés afin de s'assurer de la justesse de prédiction du modèle. Le tableau 3-4 présente la moyenne des volumes observés et calibrés pour les dix années complètes de la station de référence. Afin de faciliter la lecture des résultats, le ratio des volumes (volume observé / volume simulé) a été calculé; il est présenté au tableau 3-5.

La valeur du NSE ainsi que l'analyse des volumes permettent de conclure que la calibration du modèle est adéquate.

Tableau 3-4 Volumes moyens (10^3 m^3) observés et simulés à la station no. 03OA015

	JAN	FÉV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	OCT	NOV	DÉC	ANNUEL
Observé	2012	1454	1383	2805	24050	14960	6610	7250	8455	7405	5861	3132	85378
Simulé	2112	1268	1272	2641	22438	15266	7502	6787	8258	8052	5357	2865	83818

Tableau 3-5 Ratio entre les volumes observés et simulés à la station no. 03OA015

	JAN	FÉV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	OCT	NOV	DÉC	ANNUEL
2013	1,15	1,34	0,97	1,00	0,89	1,60	1,30	1,16	1,32	1,34	1,32	1,38	1,13
2014	1,05	1,08	1,20	1,83	1,64	1,12	0,76	1,16	0,92	0,88	0,86	1,02	1,17
2015	1,19	1,27	1,19	1,46	1,32	0,95	0,80	0,91	0,83	0,92	1,21	1,02	1,02
2016	1,07	1,26	1,50	1,36	0,92	0,99	0,78	0,89	0,96	1,10	1,10	1,14	0,97
2017	1,08	1,20	1,29	0,50	1,10	1,35	1,16	1,18	1,03	0,73	1,14	1,50	1,08
2018	1,60	1,56	1,48	0,90	0,77	0,90	1,01	1,38	1,13	0,83	1,25	1,08	0,98
2019	0,97	1,39	1,30	0,56	0,83	1,08	0,78	0,88	0,76	0,76	1,14	1,17	0,92
2020	1,02	0,71	0,87	3,14	1,39	0,75	0,71	0,94	0,88	0,85	1,09	0,91	0,94
2021	0,48	0,77	0,56	1,02	1,08	0,82	0,60	0,31	1,43	1,21	1,14	0,80	0,95
2022	0,81	1,07	1,33	0,99	1,11	0,91	1,31	1,51	1,13	0,91	0,93	1,10	1,09
moyenne	**1,04**	**1,16**	**1,17**	**1,28**	**1,11**	**1,05**	**0,92**	**1,03**	**1,04**	**0,95**	**1,12**	**1,11**	**1,02**

3.4.4 Validation du modèle hydrologique

Les débits calculés à l'aide des niveaux d'eau observés à l'aide de la sonde LL-10 à l'exutoire du lac 308 ont été comparés aux débits modélisés avec le modèle GR4J-15. La figure 3-1 présente les deux hydrogrammes. Comme spécifié dans WSP, 2025, les niveaux d'eau mesurés par la sonde LL-10 pour la période allant du 14 décembre 2023 au 14 avril 2024 sont erronés, probablement dû à l'effet des glaces. Cette portion des débits pour la sonde LL-10 n'est dons pas représentée sur la figure. La figure montre que les crues simulées par le modèle GR4J-15 sont potentiellement sous-estimées. Puisque la capacité d'emmagasinement du lac 308 est faible et que par conséquent le volume d'eau généré par les crues ne peut pas être emmagasiné, l'impact est négligeable. La figure montre aussi que les étiages simulés par le modèle GR4J-15 pourraient être sous-estimés. Ce constat sera discuté dans l'analyse des résultats.

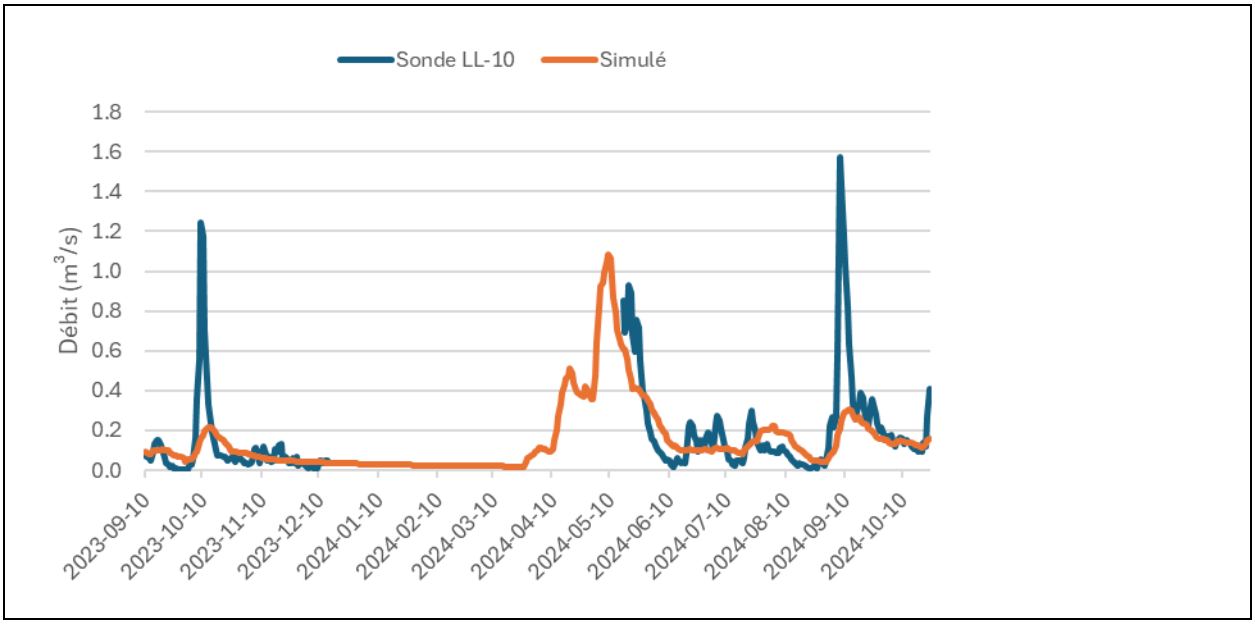


Figure 3-1 Débits calculés avec les données de niveau observé par la sonde LL-10 et débits simulés avec le modèle GR4J-15

Le tableau 3-6 présente le ratio entre les volumes calculés à partir des niveaux d'eau observés par la sonde LL-10 et les volumes calculés avec les débits simulés par le modèle hydrologique GR4J-15 pour chaque mois d'observation disponible à la sonde LL-10. Pour ces six mois répartis sur deux années, la moyenne du ratio est de 1,21, ce qui indique que les volumes estimés à l'aide des débits simulés par le modèle hydrologique sont conservateurs.

Tableau 3-6 Ratio entre les volumes observés par la sonde LL-10 et simulés par le modèle hydrologique GR4J-15

	JAN	FÉV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	OCT	NOV	DÉC
2023	-	-	-	-	-	-	-	-		1,67	1,12	-
2024	-	-	-	-	-	0,72	1,07	0,44	2,22	-	--	-

Il existe peu de données de débits pour valider le modèle hydrologique et ces données de débits sont sujettes à une grande incertitude. Il apparaît toutefois que les débits simulés avec le modèle hydrologique présentent une estimation satisfaisante des débits à l'exutoire du lac 308.

3.4.5 Modélisation du bilan hydrique

La série de débits simulés à l'aide du modèle hydrologique GR4J-15 a été moyennée afin d'obtenir un hydrogramme annuel de débits moyens journaliers. Le modèle du bilan hydrique a été estimé en quantifiant les intrants, les extrants et l'emmagasinement dans le lac 308.

Pour chaque scénario de prélèvement, un bilan hydrique a été modélisé sur une base journalière. Un scénario de référence sans prélèvement a aussi été modélisé.

Les intrants, les extrants et l'emmagasinement du modèle de bilan hydrique sont définis ici :

- **Intrants** : Les apports de débits simulés par le modèle hydrologique GR4J-15.
- **Extrants** : Le débit évacué à l'exutoire du lac (calculé à partir de la courbe de tarage spécifique au lac 308) et le volume d'eau prélevé selon chaque scénario.
- **Emmagasinement** : Le niveau d'eau du lac est recalculé à chaque pas de temps en tenant compte du volume d'eau emmagasiné, des intrants et des extrants.

3.4.6 Courbe de tarage

La courbe de tarage ($Q = 19{,}1 \times (h - 374{,}89)^{1{,}97}$) provient de WSP, 2025. Elle permet de convertir les niveaux d'eau simulés en débits à l'exutoire.

3.4.7 Comparaison des niveaux d'eau

Les niveaux d'eau simulés pour chaque scénario de prélèvement sont comparés à la situation de référence (sans prélèvement).

3.4.8 Hypothèses de calcul

Afin de modéliser le bilan hydrique du lac 308, des hypothèses de calculs ont été posées. Elles sont identifiées et expliquées ici.

3.4.8.1 Courbe d'emmagasinement du lac 308

Le lac 308 a été considéré comme étant un prisme à paroi verticale dont la superficie est de 78 000 m². Le profil du cours d'eau LL-10 présenté dans WSP (2025) montre un seuil à l'aval du lac. Le volume d'eau du lac sous ce seuil est donc un volume mort. Ce constat permet de qualifier l'hypothèse comme étant acceptable.

4 Résultats

La capacité d'emmagasinement du lac 308 est faible, ce qui fait que le débit sortant du lac est pratiquement égal au débit entrant. La figure 4-1 présente les hydrogrammes moyens qui comparent les scénarios de prélèvements analysés avec le scénario de référence. La figure montre que le niveau d'eau du lac 308 n'est pas affecté par les trois scénarios de prélèvement analysés. La figure 4-2 présente ces mêmes hydrogrammes pour les mois de janvier à mars qui sont ceux où les étiages sont les plus sévères. La figure permet de constater que l'écart est de l'ordre de quelques millimètres. L'écart est donc négligeable.

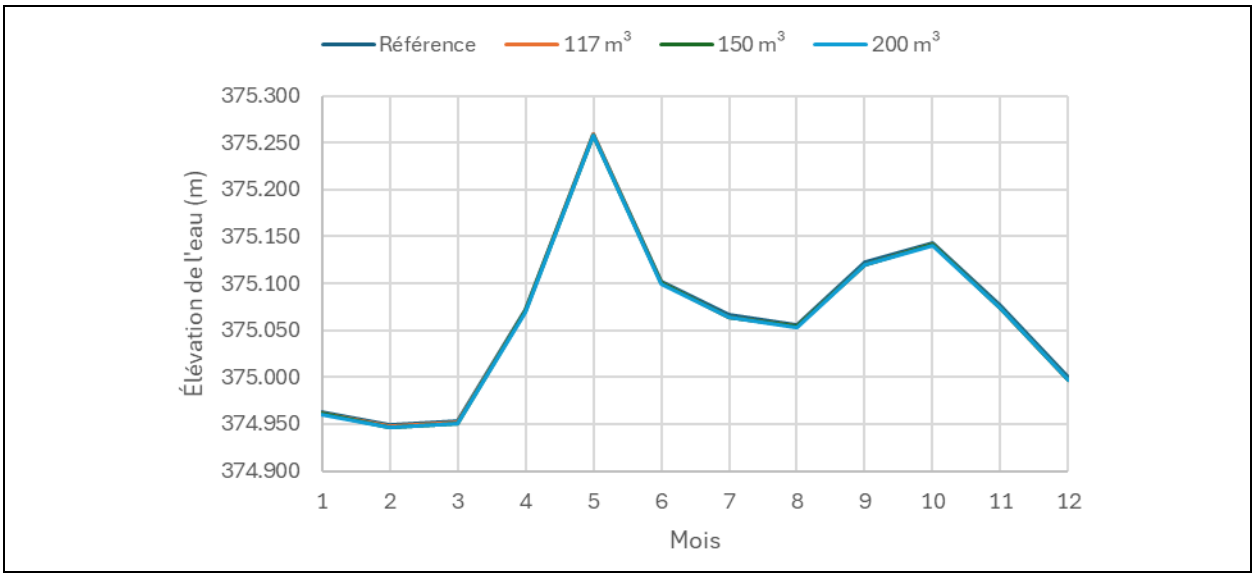


Figure 4-1 **Hydrogrammes moyens comparant l'impact de l'élévation de l'eau dans le lac 308 pour les scénarios analysés**

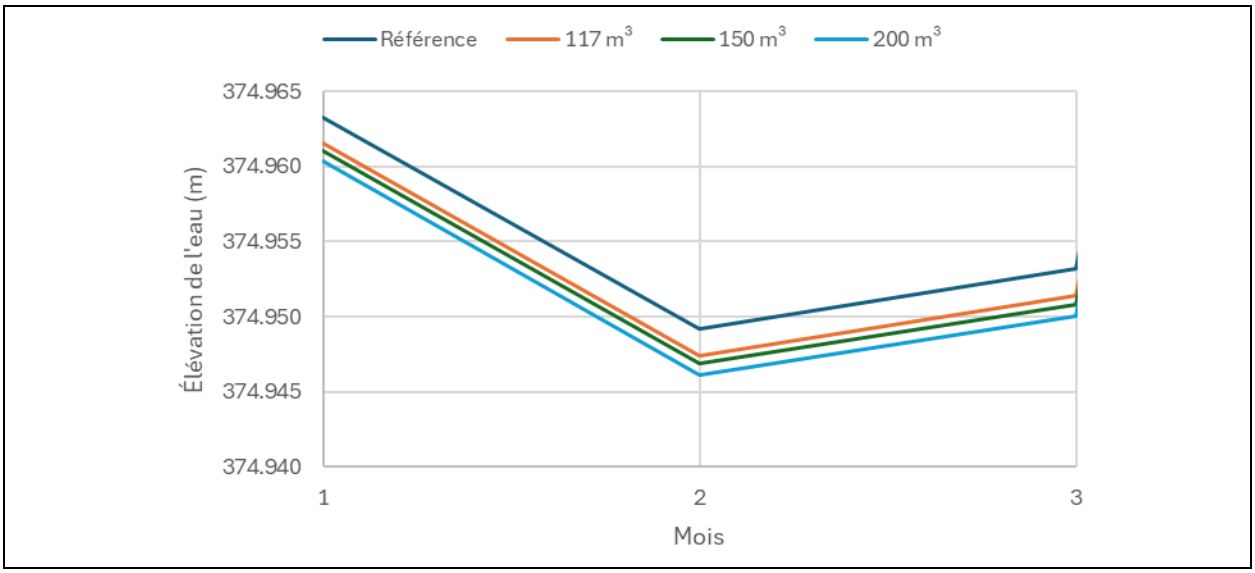


Figure 4-2 **Hydrogrammes moyens des mois de janvier à mars comparant l'impact de l'élévation de l'eau dans le lac 308 pour les scénarios analysés**

Le tableau 4-1 présente les volumes emmagasinés dans le lac 308 qui ont été estimés avec les modèles de bilan hydrique. Le tableau montre que la différence de volume emmagasiné dans le lac entre le scénario de référence et les trois scénarios de prélèvement est minime. Cela s'explique par le fait que les apports d'eau provenant du bassin versant compensent les volumes d'eau prélevés.

Tableau 4-1 Estimation du volume emmagasiné dans le lac 308 pour les scénarios comparés (10³ m³)

SCÉNARIO	JAN	FÉV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	OCT	NOV	DÉC
Référence	63,43	62,34	62,65	71,97	86,56	74,30	71,44	70,68	75,81	77,46	72,19	66,24
117 m³	63,30	62,20	62,51	71,85	86,46	74,18	71,32	70,56	75,69	77,35	72,07	66,11
150 m³	63,26	62,16	62,47	71,81	86,43	74,15	71,29	70,53	75,66	77,31	72,03	66,08
200 m³	63,21	62,10	62,40	71,76	86,38	74,10	71,24	70,48	75,61	77,26	71,98	66,02

Le bilan a été réalisé avec des données simulées. Afin de valider les résultats, deux autres approches ont été utilisées.

La première approche a consisté à comparer les débits estimés à l'aide de la sonde LL-10 – convertis en volumes journaliers – aux volumes prélevés des trois scénarios. Les tableaux 4-2 et 4-3 comparent respectivement les volumes journaliers extrants minimums et moyens mensuels aux volumes intrants. Les volumes intrants sont ceux estimés à partir des niveaux d'eaux mesurés par la sonde LL-10. La série de niveaux d'eau enregistrés étant courte, chaque mois comportant un minimum de 20 enregistrements a été conservé. Le tableau 4-2 montre que les apports du bassin versant ont été insuffisants (-30 m³) en septembre 2023 pour le scénario de prélèvement de 200 m³/s. Une analyse des données a permis de constater qu'une seule journée affichait un bilan négatif, soit celle de septembre 2023. Il s'agit d'une valeur journalière qui n'est pas représentative du bilan mensuel. Le tableau 4-3 montre que le bilan des volumes moyens mensuels est toujours positif.

Tableau 4-2 Bilan des volumes minimums mensuels (m³) entrants estimés avec la sonde LL-10 et extrants pour les trois scénarios analysés

SCÉNARIO	ANNÉE	MAI	JUIN	JUIL	AOU	SEP	OCT	NOV
117 m³	2023	-	-	-	-	53	137	1 825
	2024	16 052	1 249	1 771	548	9 845	7 800	-
150 m³	2023	-	-	-	-	20	104	1 792
	2024	16 019	1 216	1 738	515	9 812	7 767	-
200 m³	2023	-	-	-	-	**-30**	54	1 742
	2024	15 969	1 166	1 688	465	9 762	7 717	-

Tableau 4-3 Bilan des volumes moyens mensuels (m³) entrants estimés avec la sonde LL-10 et extrants pour les trois scénarios analysés

SCÉNARIO	ANNÉE	MAI	JUIN	JUIL	AOU	SEP	OCT	NOV
117 m³	2023	-	-	-	-	4 849	18 420	5 477
	2024	131 281	8 858	11 282	4 572	39 144	13 210	-
150 m³	2023	-	-	-	-	4 816	18 387	5 444
	2024	131 248	8 825	11 249	4 539	39 111	13 177	-
200 m³	2023	-	-	-	-	4 766	18 337	5 394
	2024	131 198	8 775	11 199	4 489	39 061	13 127	-

La deuxième approche a consisté à comparer les débits associés aux volumes des trois scénarios de prélèvements – présentés au tableau 1-1 – avec les débits d'étiages estimés par WSP, 2025 – présentés au tableau 3-2. Le tableau 4-4 présente cette comparaison.

Le tableau montre que le cas le plus critique est un prélèvement de 200 m³, qui représente 32,3 % du débit en étiage sept jours de récurrence 10 ans. Il en résulte que même en période d'étiage, le bilan d'eau reste positif pour les trois scénarios de prélèvement. Il convient de rappeler que ces étiages sont des débits moyens sur sept jours (Q2-7 et Q10-7) et 30 jours (Q5-30), alors que les valeurs présentées au tableau 4-2 sont des valeurs journalières. C'est ce qui explique la différence entre les conclusions.

Tableau 4-4 Débits d'eau prélevés sous forme de pourcentage des débits d'étiage

Scénario	Q2-7 (%)	Q10-7 (%)	Q5-30 (%)
117 m³	9,3	18,9	13,9
150 m³	11,9	24,2	17,8
200 m³	15,8	32,3	23,8

5 Conclusion

L'impact des trois scénarios de prélèvement évalués a été estimé au moyen de trois méthodes : comparaison des débits associés aux prélèvements avec les débits d'étiages Q2-7, Q10-7 et Q5-30 estimés par la méthode du MELCCFP (MDDELCC, 2017); comparaison des volumes prélevés avec les volumes estimés un moyen d'un bilan hydrique modélisé et; comparaison des débits et volumes prélevés avec les débits de la sonde installée lors de campagnes de terrain.

La comparaison avec les valeurs d'étiages estimées par la méthode du MELCCFP (MDDELCC, 2017) montre que les débits associés aux volumes des trois scénarios de prélèvement sont inférieurs aux débits d'étiages estimés.

Les résultats de la modélisation du bilan hydrique indiquent que, pour les trois scénarios de prélèvement étudiés, l'impact sur le niveau d'eau et le volume du lac 308 est négligeable.

La comparaison avec les données enregistrées par la sonde LL-10 a permis de constater que le volume moyen mensuel d'apports provenant du bassin versant est suffisant pour les trois scénarios de prélèvements.

De plus, le déficit volumétrique maximal journalier de -30 m³ estimé au mois de septembre 2023 est considéré comme négligeable, car ponctuel (sur une seule journée).

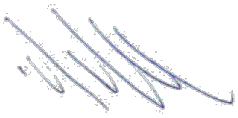
À noter que si le client le juge nécessaire ou pertinent, il est possible d'adopter des mesures de gestion modulables et spécifiques associées aux prélèvements d'eau, particulièrement lors des périodes d'étiage. Par exemple, il pourrait être prévu d'entreposer de l'eau dans des réservoirs durant les périodes où l'approvisionnement est abondant, soit lors de crues, afin de limiter les prélèvements directs dans le lac 308 pendant l'automne ou lors d'épisodes critiques pour minimiser l'impact sur le niveau du lac et le débit d'étiage.

De plus, il est suggéré de mettre en place un programme de suivi hydrométrique renforcé à l'exutoire du lac 308 pendant la période d'exploitation. Cela inclurait le déploiement de stations de mesure automatiques pour collecter des données en continu sur les niveaux, complétées par des campagnes de jaugeage en périodes critiques. Cela permettrait, d'une part, la validation régulière des modèles hydrologiques et, d'autre part, à suivre en temps réel l'impact du prélèvement sur les niveaux du lac.

BIBLIOGRAPHIE

- COPERNICUS CLIMATE CHANGE SERVICE, Climate Data Store (Copernicus), (2023*): ERA5 hourly data on single levels from 1940 to present*. Copernicus Climate Change Service (C3S) Climate Data Store (CDS). DOI: 10.24381/cds.adbb2d47. Téléchargé le 15 juillet 2025.
- Environnement et Changement climatique Canada (ECCC). 2025. *Données hydrométriques historiques*. En ligne. https://wateroffice.ec.gc.ca/map/index_e.html?type=historical. Consulté le 15 juillet 2025.
- Ministère du Développement durable, de l'Environnement et de la Lutte contre les changements climatiques (MDDELCC). 2017. Estimation des débits d'étiage pour le Nord du Québec. Solution à court terme.
- Ministère de l'Environnement et de la Lutte contre les changements climatiques**.** (MELCCFP, 2025a). *Règlement sur le prélèvement des eaux et leur protection (RPEP)*. Québec : Gouvernement du Québec.https://www.legisquebec.gouv.qc.ca/fr/document/rc/Q-2,%20r.%2014
- Ministère de l'Environnement et de la Lutte contre les changements climatiques. (MELCCFP, 2025b). *Règlement sur la déclaration des prélèvements d'eau*. Québec : Gouvernement du Québec. https://www.legisquebec.gouv.qc.ca/fr/document/rc/Q-2,%20r.%2014
- Ministère de l'Environnement et de la Lutte contre les changements climatiques. (MELCCFP, 2025c). *Règlement sur les habitats fauniques*, chapitre C-61.1, r. 18. Légis Québec. https://www.legisquebec.gouv.qc.ca/fr/document/rc/c-61.1,%20r.%2018
- Poissant, Arsenault, Brissette. 2017. *Impact of parameter set dimensionality and calibration procedures on streamflow prediction at ungauged catchments*. Journal of Hydrology: Regional Studies. Volume 12. Pages 220-237. ISSN 2214-5818. https://doi.org/10.1016/j.ejrh.2017.05.005.
- Zippenfenig, P. (2023). Open-Meteo.com Weather API [Computer software]. Zenodo. https://doi.org/10.5281/ZENODO.7970649

PRÉPARÉ PAR



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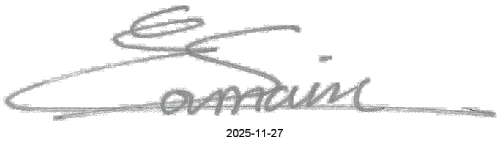


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APPENDIX

5-12 GREENHOUSE GAS EMISSIONS ASSESSMENT

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Note technique

Ressources PMET inc.
Projet minier Shaakichiuwaanaan
Étude des émissions de gaz à effet de serre

Référence WSP : CA0001724-3318_016_NT_Rev0

2026-03-03

Destinataire(s) : Cathryn Moffett, Vice-présidente Environnement, Ressources PMET

1. Introduction

Ressources PMET Inc. (PMET) est une société d'exploration minière qui se concentre sur l'acquisition et le développement de projets miniers contenant des métaux de base et des métaux précieux. La société est propriétaire à 100 % de la compagnie Innova Lithium, laquelle détient 100% du projet Shaakichiuwaanaan (le projet).

L'extraction projetée de spodumène dans un mode d'exploitation hybride (fosse à ciel ouvert et exploitation souterraine) à un taux d'extraction supérieur à 5 kt/j est assujettie au régime d'évaluation provincial des impacts sur l'environnement et le milieu social applicable au territoire visé par la Convention de la Baie-James et du Nord québécois (CBJNQ) (sud du 55e parallèle – via le Comité d'évaluation [COMEV] et le Comité d'examen [COMEX]) de même qu'à la procédure fédérale d'évaluation des impacts prévue en vertu de la *Loi sur l'évaluation d'impact* (L.C. 2019, ch. 28, art. 1).

Le projet a pour objectif de produire en moyenne 800 kt de concentré de spodumène par an à une teneur de 5,5 % de Li_2O. Une flotte de camions transportera le concentré par la route Transtaïga et la route Billy-Diamond à destination de la gare ferroviaire de Matagami.

Cette note technique se concentre sur les émissions de gaz à effet de serre (GES) pour la construction ainsi que l'exploitation du projet.

2. Évaluation des émissions de GES

2.1 Identification des sources et puits de carbone de GES

La norme ISO 14064-1:2006[1] définit :

- une source de GES comme *une unité physique ou un processus rejetant un GES dans l'atmosphère*;
- un puits de GES comme *une unité physique ou un processus retirant un GES de l'atmosphère*.

2.2 Calcul des émissions

Les émissions de GES provenant de la consommation énergétique sont calculées de façon directe suivant la formule suivante :

$$\text{Émission GES} = \text{activité} \times \text{facteur d'émission de l'activité } (FE_{\text{activité}})$$

Les GES sont quantifiés en tonnes de CO_2 équivalent (tCO_2eq), où 1 T GES = 1 T CO_2eq multipliés par le pouvoir de réchauffement global (PRP), à l'échelle planétaire, spécifique à chaque GES. Les PRP du 5e rapport d'évaluation du Groupe d'experts intergouvernemental sur l'évolution du climat (GIEC) sont utilisés lors de la réalisation de ce projet.

Pour le 4e rapport du GIEC, ce sont :

- 1 T CO_2 = 1 T CO_2eq;
- 1 T CH_4 = 28 T CO_2eq;
- 1 T N_2O = 265 T CO_2eq;
- 1 T CN = 460 T CO_2eq.

Il est à noter que la variation des PRP affecte principalement les sources émettant du CH_4 et du N_2O; les sources de combustion émettant principalement du CO_2 sont moins affectées par un recalcul des émissions de CO_2eq utilisant des PRP différents. Les autres GES (HFC, PFC, SF_6 et NF_3) ne sont pas considérés ici puisqu'ils ne sont pas émis dans les travaux du projet.

[1] La norme ISO 14064-1:2006 spécifie les principes et les exigences, au niveau des organismes, pour la quantification et la rédaction de rapports sur les émissions de gaz à effet de serre (GES) et leur suppression. Elle comprend des exigences pour la conception, la mise au point, la gestion, la rédaction de rapports et la vérification de l'inventaire des GES d'un organisme.

Les HFC et PFC sont utilisés comme réfrigérant dans les climatiseurs, le SF_6 dans la réalisation de disjoncteur haute-tension et le NF_3 dans la fabrication d'équipements électroniques. Le CN représente les émissions de carbone noir.

2.3 Facteurs d'émission

Les facteurs d'émission (FE) proviennent du *Règlement sur la déclaration obligatoire de certaines émissions de contaminants dans l'atmosphère* (RDOCECA) (Gouvernement du Québec, 2025) pour la consommation de gaz naturel et du *Guide de quantification des émissions de gaz à effet de serre* (MELCCFP, 2025a) pour le reste des combustibles.

Tableau 2-1 Facteurs d'émission des différents équipements

Combustible	CO_2	CH_4	N_2O
	g/L		
Voiture à essence	2 307	0,11	0,007
Camion lourd	2 681	0,11	0,151
Hors-route	2 681	0,073	0,227
Train	2 681	0,15	1,029
Gaz naturel liquéfié (g/GJ)	49 010	0,966	0,861

Tableau 2-2 Facteurs d'émission de la consommation électrique

Combustible	CO_2	CH_4	N_2O
	g/L		
Électricité	1,9	-	-

Tableau 2-3 Facteurs d'émission des explosifs

Combustible	CO_2	CH_4	N_2O
	T/T d'explosif		
Émulsion	0,17	-	-

Tableau 2-4 Facteurs d'émission du carbone noir

Combustible	CN
	g/L
Essence	0,132
Diesel	0,391

Le facteur d'émission pour la consommation électrique dans la province de Québec provient du Rapport d'inventaire national (Environnement Canada 1990-2023) et est de 1,9 g CO_2eq/kWh.

2.4 Définition des types d'émission

2.4.1 Émissions directes de GES (portée 1)

Les émissions directes sont des émissions provenant de sources qui appartiennent ou qui sont contrôlées par PMET pendant toute la durée du projet. Ainsi, ces émissions comprennent également celles provenant d'activités sous-traitées sur le site du projet

Les émissions directes de GES provenant des sources d'émission suivantes sont comprises dans la présente quantification :

- combustion stationnaire d'énergie fossile;
- combustion d'énergie fossile par des équipements mobiles lors des phases de construction;
- combustion d'énergie fossile par des équipements mobiles lors des activités d'extraction et de transport;
- utilisation d'explosifs lors de la phase d'extraction du minerai;
- déboisement, incluant la perte de milieux humides.

2.4.2 Émissions indirectes de GES dues à l'utilisation d'énergie (portée 2)

Les émissions indirectes de GES dues à l'utilisation d'énergie sont des émissions pour lesquelles PMET a un contrôle indirect. En d'autres termes, il s'agit de la production d'électricité produite par Hydro-Québec et consommée par PMET.

2.4.3 Autres émissions indirectes (portée 3)

Les autres émissions indirectes sont toutes les autres émissions de GES reliées aux activités du projet, mais qui appartiennent ou qui sont contrôlées par un autre organisme. Ces émissions ont lieu à l'extérieur des limites de la quantification des émissions de GES et peuvent être rapportées de façon optionnelle afin d'avoir une indication de l'impact des activités du projet à l'extérieur des installations minières, par exemple, le transport logistique.

2.4.4 Émissions de CO_2 biogéniques

Les émissions biogéniques sont des émissions de CO_2 associées au cycle naturel du carbone et la dégradation, décomposition et/ou combustion des matières organiques en présence d'oxygène. Les émissions de CO_2 du cycle des matières organiques sont considérées comme carboneutres et ne sont pas comptabilisées comme un GES dans la présente quantification. Néanmoins, dans le cadre du RDOCÉCA, il est demandé de les fournir dans une section à part, à titre indicatif. Pour cela, ces émissions ont été évaluées ici.

Dans le cadre du projet, les émissions biogéniques de CO_2 proviennent :

- du CO_2 généré lors du compostage des résidus forestiers laissés sur place.

2.5 Inclusions et exclusions

Les émissions de GES ont été évaluées durant la phase de construction et la phase d'exploitation. La section suivante décrit les sources d'émission incluses dans la présente quantification, ainsi que celles qui sont exclues.

2.5.1 Inclusions

Toutes les émissions provenant de sources gérées et contrôlées par PMET sont incluses dans la présente quantification. Ces émissions sont des émissions directes.

Certaines émissions indirectes ont été quantifiées dans le cadre de cette évaluation, pour les besoins du projet seulement.

Il s'agit :

- des émissions relatives au transport hors site du concentré de minerai;
- des émissions relatives au transport des équipements et du personnel durant la phase de construction;
- de la consommation d'électricité par les infrastructures du site;
- la perte de séquestration de CO_2 provenant de la suppression de la forêt et de milieux humides.

3. Quantification des émissions de GES

Les émissions des GES liées à des activités sont calculées à l'aide de facteurs d'émission (FE), qui indiquent la quantité de CO_2eq générée par unité d'activité réalisée. Les hypothèses de calcul et la méthodologie utilisée pour le calcul des émissions de GES sont expliquées dans les sous-sections suivantes, pour chacune des activités évaluées.

3.1 Informations générales

Comme il a été mentionné dans la section précédente, les GES émis par le projet sont du CO_2, du CH_4 et du N_2O.

Les GES sont quantifiés en tonnes de CO_2 équivalent (T CO_2eq), où 1 T GES = 1T CO_2eq multiplié par le potentiel de réchauffement global planétaire spécifique à chaque GES.

Ainsi, pour la présente évaluation, les potentiels de réchauffement suivant ont été utilisés [2]:

- 1 T CO_2 = 1 T CO_2eq;
- 1 T CH_4 = 28 T CO_2eq;
- 1 T N_2O = 265 T CO_2eq.

3.2 Émissions en construction

3.2.1 Émissions directes de projet en construction

La consommation de diesel par la machinerie au site minier a été estimée dans l'étude de faisabilité de novembre 2025 (GMining, 2025). Les facteurs d'émissions du rapport d'inventaire national 1990-2023 d'Environnement Canada pour les véhicules hors route ont été utilisés (ECCC, 2025).

Le calcul des émissions de GES est réalisé à partir de l'équation suivante :

Émissions *GES* = $\sum$ *($Carburant_j$ * FE_j)*

Source : Environnement Canada 2012, Annexe 2, Équation A2-1

Où :

- $Carburant_j$ = quantité de carburant j consommée (en litres, kg ou m^3)
- FE_j = facteur d'émission (g GES/litre, kg ou m^3 de carburant)
- j = type de carburant

Les émissions de GES proviennent de la combustion de carburant d'origine fossile et sont principalement le CO_2, le CH_4 et le N_2O.

Les facteurs d'émission utilisés sont ceux de la section 2.3.

Avec une consommation projetée de 68 867 litres de diesel, les émissions de GES de la machinerie pour les activités de la période de construction sont estimées à 189 tonnes CO2eq.

La machinerie est aussi utilisée durant la période de construction pour réaliser une préproduction. La consommation projetée pour cette préproduction est de 1 585 kilolitres de

[2] Source : Gazette du 2 novembre 2013, http://gazette.gc.ca/rp-pr/p1/2013/2013-11-02/html/notice-avis-fra.html#d114

diesel, les émissions ponctuelles de GES de la machinerie en préproduction sont estimées à 4 250 tonnes CO_2eq.

3.2.2 Déboisement

La méthodologie de calcul est présentée dans le volume 4 des lignes directrices 2006 du GIEC. Cette équation détermine un facteur d'émissions (FE) de CO_2 par hectare (ha) déboisé. Le GIEC a mis à jour cette méthode et les paramètres dans la révision de 2019.

FE (déboisement) = t_{MSh} x (1 + T_x) x CC x 44/12

Avec :

- t_{MSh} : quantité en tonnes de matières sèches par hectare;
- T_x : taux de biomasse souterraine par rapport à la biomasse aérienne;
- CC : teneur en carbone dans la biomasse (tonne de carbone/tonne de matière sèche).

WSP a utilisé les paramètres proposés par le GIEC aux tableaux 4-4 et 4-7 des lignes directrices 2019 :

- CC : 0,47 (valeur par défaut);
- 44/12 : ratio masse moléculaire de CO_2 par rapport à la masse moléculaire de C.

Avec une empreinte au sol de 1122 ha, les émissions de CO_2eq associées au déboisement en construction sont de 88 kT CO_2eq.

Un déboisement supplémentaire aura lieu pendant l'exploitation dans le cadre du développement par agrandissement graduel du site.

WSP a utilisé les paramètres proposés par le GIEC aux tableaux 4-4 et 4-7 des lignes directrices 2019 :

- CC : 0,47 (valeur par défaut);
- 44/12 : ratio masse moléculaire de CO_2 par rapport à la masse moléculaire de C;
- t_{MSH} : 62,9 tonnes ms/ha pour les résineux (climat boréal, conifère, primaire) et 24,5 tonnes ms/ha pour la partie en régénération (62,9 x Tx);
- T_x : 0,39 tonne racine/tonne pousse matière sèche (climat boréal, moins de 75 tonnes de biomasse au sol/ha).

Avec une empreinte au sol de 429 ha de résineux et 426 ha en régénération pour tout le projet, les émissions de CO_2eq associées au déboisement additionnel sont de 90 kT CO_2eq (64,6 kT + 25,0 kT) pour un total d'émissions reliées au déboisement de 178 kT CO_2eq.

3.2.3 Transport logistique

La consommation de diesel par les camions de transport a été estimée dans l'étude de faisabilité (GMining, 2025). Les facteurs d'émissions du rapport d'inventaire national 1990-2023 d'Environnement Canada pour les véhicules lourds routiers ont été utilisés (ECCC, 2025).

Avec une consommation estimée de 768 805 litres de diesel, les émissions de GES du transport logistique de la construction sur une période de 2 ans sont évaluées à 2,1 kT CO_2eq.

3.2.4 Émission totale en construction

Le total des émissions de GES pour la construction s'élève à 94,5 kT CO_2eq incluant le transport logistique.

3.3 Émissions en exploitation

3.3.1 Émissions directes (portée 1)

3.3.1.1 Combustion fixe - Utilisation de génératrices

Les activités de combustion fixes représentent l'ensemble des équipements stationnaires utilisant une source énergétique d'origine fossile.

Les données sur la consommation de carburant ainsi que les quantités de GES émis par les génératrices par année sont présentées au tableau 3-1.

Tableau 3-1 Quantification des émissions de GES – Génératrices

Consommation de diesel	Unité	2028	2029
Genset	L	147 381	1 748 050
Émissions CO_2eq, fixe	T CO_2eq	404	4 795

La quantité totale de GES émise par les génératrices durant la phase d'exploitation est estimée à environ **5,2 kT CO_2eq**.

3.3.1.2 Combustion fixe – Gaz naturel

La consommation du gaz naturel est celle pour le chauffage des installations du camp. Le tableau suivant fournit le minimum, le maximum, la moyenne et le total de la consommation de gaz naturel, ainsi que des émissions de GES en utilisant les taux du tableau 2-1.

Tableau 3-2 Quantification des émissions de GES – Gaz naturel

Émissions	GJ	T CO_2eq	Année
Minimum	9 064	447	en 2028
Maximum	186 487	9 187	2034-2047
Moyenne	163 087	8 035	-
Total du projet	3 261 743	160 692	-

Les émissions minimales ont lieu lors de la construction/début de l'exploitation. Le total des émissions de GES pour les équipements fixes – gaz naturel pour tout le projet s'élèvent à 161 kT CO_2eq et en moyenne annuellement 8 kT CO_2eq.

3.3.2 Équipements mobiles (portée 1)

Les équipements mobiles représentent l'ensemble des véhicules utilisés sur le site minier.

La quantification des GES liés à l'utilisation des équipements mobiles appartenant à PMET qui sont dédiés à l'extraction et la manutention du minerai sur le site a été réalisée.

Les activités ont lieu de 2028 à 2049. L'année 2028 correspond à l'année de démarrage, tandis que 2048 et 2049 correspondent aux années de fermeture.

Le tableau 3-3 indique les émissions minimales et maximales des années d'exploitation en excluant l'année de démarrage et les années de fermeture. Le détail pour chaque année est disponible en annexe.

Tableau 3-3 Quantification des émissions de GES – Mobiles hors route

Émissions	T CO_2eq	Année
Minimum	23 574	en 2033
Maximum	61 298	en 2036
Moyenne, exploitation	44 901	-
Total du projet	897 736	-

Le total des émissions de GES pour les équipements mobiles hors route sur tout le projet s'élève à 898 kT CO_2eq et en moyenne annuellement 44 kT CO_2eq.

Les FE du tableau 2-4 sont utilisés pour calculer les émissions de carbone noir (tableau 3-4).

Tableau 3-4 Quantification des émissions de CN – Mobiles hors route

Mobiles	Émissions	T CN	T CO_2eq	Année
Hors-route	Minimum	1,2	2 525	en 2049
	Maximum	4,7	15 205	en 2038
	Moyenne	3,7	11 133	-
	Total projet	73,5	222 664	-

3.3.3 Utilisation d'explosifs (portée 1)

Les quantités d'explosifs de type émulsion qui seront utilisées pour l'extraction et qui ont été considérées sont celles prévues dans l'étude de faisabilité (GMining, 2025), soit 6 178 tonnes annuellement. Le facteur d'émissions de CO_2 du guide de quantification des GES du MELCCFP (2025a) a été utilisé, soit 0,17 tonne de CO_2eq par tonne d'explosif. Les émissions directes de l'utilisation d'explosifs sont donc de 1050 T CO_2eq annuellement et 21 kT CO_2eq pour tout le projet.

3.3.4 Consommation d'électricité (portée 2)

Les émissions de GES liées à la consommation d'électricité provenant d'une ligne d'Hydro-Québec sont calculées en fonction de la quantité de kWh utilisée. Cette consommation varie annuellement et le détail annuel se trouve en annexe.

Le tableau 3-5 donne les informations sur les émissions minimales, maximales, moyenne et totale.

Tableau 3-5 Quantification des émissions de GES – consommation électrique

Émissions	MWh	T CO_2eq	Année
Minimum	22 349	42	en 2029
Maximum	303 500	577	2034-2047
Moyenne	258 961	492	-
Total du projet	4 920 262	9 348	-

Les émissions totales de GES liées à la consommation d'électricité s'élèvent à 9 kT CO_2eq pour une émission annuelle d'environ 0,5 kT CO_2eq.

3.3.5 Transport logistique (portée 3)

La consommation de diesel par les camions de transport du concentré a été estimée par WSP basée sur les estimations de nombre de voyages et de distance parcourue par les camions

établies dans l'avis de projet et l'étude de faisabilité (844 km). Les facteurs d'émissions du guide de quantification des GES du MELCCFP (2025a) ont été utilisés et sont indiqués au tableau 2-2.

Le total du diesel consommé par le camionnage entre 2030 et 2049 est de 187 866 054 L.

Les émissions de GES venant des locomotives ont été estimées par WSP basée sur les estimations du tonnage transporté et les distances de transport ferroviaire fournies par le promoteur du projet (1125 km). Le facteur d'émissions du rapport d'évaluation des émissions du secteur ferroviaire de 2021 de l'association canadienne des chemins de fer a été utilisé.

Le total du diesel consommé par le transport ferroviaire entre 2030 et 2049 est de 156 508 672 L.

Les émissions de GES minimales, maximales et moyenne du transport logistique par camion et de train sont indiquées au tableau 3-6. Le détail du calcul se trouve en annexe.

Tableau 3-6 Quantification des émissions de GES – Transport

Mobiles	Émissions	T CO_2eq	Année
Camion	Minimum	8 120	en 2049
	Maximum	32 884	en 2038
	Moyenne	25 768	-
	Total projet	515 354	-
Train	Minimum	7 295	en 2049
	Maximum	29 540	en 2038
	Moyenne	23 148	-
	Total projet	462 953	-

Le total des émissions de GES pour la partie mobile pour tout le projet s'élève à 978 kT CO_2eq. Annuellement, c'est en moyenne 49 kT CO_2eq.

Les FE du tableau 2-4 sont utilisés pour calculer les émissions de carbone noir (tableau 3-7).

Tableau 3-7 Quantification des émissions de CN – Transport

Mobiles	Émissions	T CN	T CO_2eq	Année
Camion	Minimum	1,2	532	en 2049
	Maximum	4,7	2 156	en 2038
	Moyenne	3,7	1 689	-
	Total projet	73,5	33 790	-
Train	Minimum	1,0	444	en 2049

Mobiles	Émissions	T CN	T CO_2eq	Année
	Maximum	3,9	1 796	en 2038
	Moyenne	3,1	1 407	-
	Total projet	61,2	28 150	-

Le total des émissions de GES pour la partie du carbone noir venant des mobiles pour tout le projet s'élève à 62 kT CO_2eq et en moyenne annuellement de 3 kT CO_2eq.

4. Sommaire des émissions du projet

Les émissions totales associées à la construction incluant la préproduction sont de 95 kT de CO_2eq, majoritairement dues au déboisement. Ces émissions ont lieu une seule fois.

Le déboisement représente 178 kT CO_2eq sur tout le projet.

Le tableau suivant résume les émissions de GES par portée.

Tableau 4-1 Quantification des émissions de GES par portée

Portée	Type	Émissions de GES (T CO_2eq)			
		Minimum	Maximum	Moyenne	Total du projet
Portée 1	Déboisement (construction)	88 000			
	Déboisement additionnel	89 582			
	Fixe	1 902	10 238	9 345	186 896
	Mobile incluant le CN	12 303	76 503	50 927	1 120 400
Portée 2	Électricité	42	577	492	9 348
Portée 3	Transport incluant le CN	16 391	66 376	52 012	1 040 246

5. Implications réglementaires

5.1 Réglementation provinciale

Dans le cadre du Règlement sur la déclaration obligatoire de certaines émissions de contaminants atmosphériques (RDOCECA), une installation en exploitation sur le territoire du Québec doit déclarer ses émissions à l'inventaire québécois des émissions atmosphériques (IQEA) si les émissions de GES des sources fixes ou de procédé sont de 10 000 tonnes de CO_2eq ou plus sur une période d'une année calendrier. Cette obligation de déclaration s'applique pour les installations en exploitation, ce qui exclut donc la période de construction du projet. Il est à noter que bien que ses émissions de GES soient de moins de 10 000 tonnes de

CO_2eq sur une année, d'autres substances, avec chacune leurs seuils de déclaration, pourraient déclencher l'obligation de déclaration à l'IQEA.

Avec des émissions annuelles de GES moyennes de 9 345 tonnes de CO_2eq et un pic à 10 238 tonnes de CO_2eq, les émissions réelles devront être quantifiées annuellement pour vérifier l'atteinte ou non du seuil.

Par ailleurs, les exploitations minières peuvent être assujetties au Règlement sur le système de plafonnement et échange des droits d'émissions (RSPEDE), puisque l'extraction minière est incluse comme secteur d'activité à l'annexe A du RSPEDE.

Une entreprise exploitant un établissement visé à l'annexe A doit participer au SPEDE si ses émissions annuelles fixes ou de procédé atteignent ou dépassent 25 000 tonnes de CO_2eq. Toutefois, les émissions de la machinerie et des véhicules sont spécifiquement exclues lors de la détermination de l'atteinte du seuil de participation au SPEDE de 25 000 tonnes de CO_2eq. Une participation volontaire est aussi possible pour une installation émettant au moins 10 000 tonnes de CO_2eq.

De cette manière, avec des émissions annuelles de GES moyennes de 9 345 tonnes de CO_2eq et un pic à 10 238 tonnes de CO_2eq, l'installation en exploitation telle que projetée n'aura pas l'obligation de participer au SPEDE. Il est à noter que la possibilité d'une participation volontaire au SPEDE est aussi peu probable avec les émissions moyennes annuelles quantifiées pour le projet.

5.2 Exigences fédérales

Toute installation qui rejette 10 000 tonnes de CO_2eq ou plus de GES annuellement doit aussi produire une déclaration annuelle au Programme de déclaration des émissions de GES (PDGES) du gouvernement canadien. Cette déclaration est indépendante des autres obligations d'émissions au gouvernement du Canada, notamment la déclaration à l'inventaire national de rejet de polluants (INRP).

6. Importance des émissions du projet

Les activités liées à l'exploitation de la mine produiront en moyenne 117 kT de CO_2eq/année (excluant la période de fermeture). Cette moyenne inclut la contribution des émissions de GES liées à la logistique de projet.

6.1 Au Québec

En 2023, les émissions totales de GES au Québec se chiffraient à 78 MT de CO_2eq, soit 8,8 T par habitant, représentant 11,2 % des émissions canadiennes, lesquelles atteignaient 694 MT de CO_2eq.

Le secteur qui produisait le plus d'émissions de GES au Québec, en 2023, était celui du transport (routier, aérien, maritime, ferroviaire, hors route) générant 34,9 MT de CO_2eq. Le secteur de l'industrie arrivait en deuxième place avec 24,7 MT de CO_2eq, soit 32 % des émissions totales. Ces émissions se répartissaient comme suit : 51,5 % provenaient de la consommation énergétique; 47,4 % des procédés industriels et 1,1 % des émissions fugitives et de l'utilisation de solvants et d'autres produits (MELCCFP, 2025b).

Le projet étudié fait partie du secteur Industrie. Durant l'exploitation de la mine, les émissions (directes) de GES excluant le transport seraient en moyenne d'environ 64,5 kT CO_2eq/an. Ces émissions représentent 0,26 % des émissions provenant du secteur Industrie et 0,08 % des émissions totales à l'échelle provinciale.

6.2 Au Canada

Selon le rapport national des émissions de GES 1990-2023 (ECCC, 2025), les émissions totales de GES en 2023 atteignaient pour le Canada 694 MT de CO_2eq.

Selon les secteurs d'activité définis dans le sommaire exécutif du rapport d'inventaire national 1990-2023, les activités minières autres que l'exploitation de pétrole et gaz sont classées dans la catégorie des « Industries lourdes ». Ce secteur a émis pour 78 MT de CO_2eq en 2023. La contribution estimée du projet par ses émissions se chiffrerait à 0,08 % des émissions liées à ce secteur d'activité.

Les émissions annuelles provenant des activités du projet représentent 0,017 % des émissions totales à l'échelle fédérale. L'apport des émissions indirectes liées à l'exploitation du projet est donc faible.

7. Références

ENVIRONNEMENT ET CHANGEMENT CLIMATIQUE CANADA (ECCC). 2025. *Rapport d'inventaire national 1990–2023 : Sources et puits de gaz à effet de serre au Canada 2025*. En ligne : https://www.canada.ca/fr/environnement-changement-climatique/services/changements-climatiques/emissions-gaz-effet-serre/inventaire.html?utm_campaign=not-applicable&utm_medium=vanity-url&utm_source=canada-ca_inventaire-ges . Consulté en janvier 2026.

GMINING SERVICES Inc. 2025. *CV5 Pegmatite Lithium-Only Feasibility Study, NI 43-101 Technical Report, Shaakichiuwaanaan Project*. Rapport préparé pour Ressources PMET Inc. 14 novembre 2025. 792 p.

GOUVERNEMENT DU QUÉBEC. 2025. *Règlement sur la déclaration obligatoire de certaines émissions de contaminants dans l'atmosphère.* En ligne : https://www.legisquebec.gouv.qc.ca/fr/document/rc/q-2,%20r.%2015 Consulté en janvier 2026.

MINISTÈRE DE L'ENVIRONNEMENT, DE LA LUTTE CONTRE LES CHANGEMENTS CLIMATIQUES, DE LA FAUNE ET DES PARCS (MELCCFP). 2025a. *Guide de quantification des émissions de gaz à effet de serre*. 126 p.

MINISTÈRE DE L'ENVIRONNEMENT, DE LA LUTTE CONTRE LES CHANGEMENTS CLIMATIQUES, DE LA FAUNE ET DES PARCS (MELCCFP). 2025b. *GES 1990-2023 Inventaire des émissions de gaz à effet de serre en 2023 et leur évolution depuis 1990*. Québec, ISBN : 978-2-555-02591-2, 72 p.

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p. j. : Détails des calculs GES

Annexe A

Détails des calculs de GES

Opération

Combustible Émissions de GES (T CO2eq)

	Construction	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
Diesel, fixe	4 439	404	4 795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Diesel, mobile		19 280	45 175	38 801	23 583	52 868	23 574	48 479	56 451	61 298	54 132	56 148	57 116	53 522	44 967	49 041	40 294	40 110	38 457	36 575	32 532	13 028	12 303
Carbone noir, mobile		2 525	6 410	5 225	4 541	9 861	6 321	13 499	14 593	15 205	14 286	14 935	14 853	14 003	13 376	13 119	12 590	12 660	12 392	12 158	10 111		
Gaz naturel, fixe		447	2 647	5 372	7 205	9 187	7 211	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187	9 187		
Émulsion		1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050	1 050		
Déboisement en construction	88 000																						
Déboisement additionnel	89 582																						
Électricité		0	42	238	341	424	231	577	577	577	577	577	577	577	577	577	577	577	577	577	577		
Total au site en construction	92 439																						
Total exploitation		23 707	60 121	50 686	36 720	73 390	38 387	72 792	81 859	87 318	79 232	81 897	82 783	78 339	69 157	72 975	63 698	63 584	61 663	59 548	53 458	13 028	12 303
Total fixe	4 439	1 902	8 493	6 422	8 255	10 237	8 261	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238		

Transport logistique, camion	2 100			10 677	13 551	23 507	14 021	30 959	31 263	31 221	31 223	32 884	32 007	30 353	32 350	29 038	31 558	31 956	31 718	31 751	25 252	11 945	8 120
Transport logistique, train				9 591	12 173	21 117	12 595	27 811	28 084	28 046	28 048	29 540	28 753	27 266	29 061	26 085	28 349	28 706	28 493	28 523	22 685	10 731	7 295
Carbone noir, transport				1 283	1 629	2 825	1 685	3 721	3 757	3 752	3 753	3 952	3 847	3 648	3 888	3 490	3 793	3 841	3 812	3 816	3 035	1 436	976

APPENDIX

5-13 ECONOMIC IMPACTS STUDY

PMET RESOURCES INC.

SHAAKICHIUWAANAAN MINING PROJECT

ECONOMIC IMPACT STUDY

MARCH 2026

CONFIDENTIAL

WSP REF.: CA0001724.3318_017_R_REV0

FINAL VERSION



PMET RESOURCES INC.

SHAAKICHIUWAANAAN MINING PROJECT

ECONOMIC IMPACT STUDY

FINAL VERSION
CONFIDENTIAL

WSP REF.: CA0001724.3318_017_R_REV0

MARCH 2026

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1 Introduction

WSP Canada Inc. (WSP) is preparing an environmental impact assessment (EIA) for the Shaakichiuwaanaan Project, a new hybrid open-pit and underground lithium mine about 220 kilometers east of Radisson (Québec) proposed by PMET Resources Inc. (PMET). Over the Project lifecycle, total material mined is expected to reach 256.9 million tonnes, peaking at 24.6 million tonnes per year when the open-pit and underground phases operate concurrently. At full capacity, the Project is expected to produce up to approximately 800,000 tpa of spodumene concentrate (SC5.5 basis).

To support the EIA, this report estimates the project's economic effects in Québec using the Institut de la statistique du Québec's Modèle intersectoriel du Québec (MISQ). Starting from the project expenditure streams, the model traces how demand propagates through Québec supply chains to estimate impacts on value added, employment, and net indirect taxes, while identifying leakages (imports and other leakages); it reports direct, indirect, and induced impacts. The MISQ produces province-wide results. Regional effects presented in this report were derived using a separate allocation procedure.

The construction of the mine is separated between open pit mining (Phase 1) and underground mining (Phase 2). Costs incurred during the 19 years of operations include operating expenditures and sustaining capital expenditures. Finally, project expenditures are projected for the mine closure and rehabilitation phase. Note that the provincial guidelines ("Directive") for the EIA require the assessment of economic effects of the construction and operation phases. However, the expenditures of the mine closure are expected to add to the total economic effects of the project, and therefore the effects of the closure phase have also been produced.

2 Methodology

2.1 Québec Intersectoral Model (MISQ)

The Modèle intersectoriel du Québec is an input–output model developed and operated by the Institut de la statistique du Québec (ISQ) to project the economic impacts of projects. The MISQ simulates how a project's spending, treated as an exogenous final-demand shock or as purchases from productive sectors, propagates through Québec's economy to estimate the share retained in Québec and to quantify the resulting impacts on value added, labour, and net indirect taxes after subsidies, while identifying leakages such as imports and stock variations. Québec content refers to the share of the spending shock that is met by production in Québec. In this study, Québec content is interpreted through the model's estimated leakages (imports and other leakages) and the corresponding retention of value added, employment, and fiscal revenues within Québec.

For this study, ISQ provided output tables reporting results as direct, indirect, and induced effects. Under the MISQ's demand-propagation mechanism, each dollar of project spending becomes revenue for first-tier suppliers in Québec (direct effects). Those suppliers increase output and purchase intermediate inputs from their own suppliers (indirect effects), with the process iterating upstream until the initial demand shock is fully absorbed. At every iteration, MISQ decomposes the response into value added (wages and salaries, mixed income), net taxes on products, and intermediate inputs, net of identified leakages. Note that 95% of payroll is assumed to accrue to workers residing in Québec (proponent estimate). For goods and services, vendor origin is not specified ex-ante, therefore the Québec content share is estimated endogenously by the MISQ (with the remainder recorded as leakages such as imports and other leakages), consistent with ISQ's framework. Only the portion of costs explicitly identified as internal payroll are treated as primary labour income in MISQ; the labour embedded in contractor prices is captured indirectly through supplier sectors.

Employment impacts are expressed in person-years, where one person-year corresponds to one full-time job sustained for one year. For ease of interpretation, and to support comparison with typical employment figures, the results tables also present the average annual employment supported over the duration of each project phase. As for value added, it measures the new economic value created in Québec as a result of the Project. It is equal to total production minus the cost of goods and services purchased from other firms, and includes wages and salaries, business income, and net taxes on production. Value added is the standard indicator used to assess a project's contribution to GDP.

Although the MISQ reflects the production and input structure of the Québec economy for a given reference year, its results should be interpreted in light of the following limitations:

- The model uses a static (single-period) framework, being calibrated on Québec input–output relationships for a specific reference year. As a result, multi-year CAPEX/OPEX streams are evaluated against that single-year production structure, and are commonly interpreted as if occurring within one modelling period.
- MISQ results are proportional to the size of the shock: a $10 million shock yields ten times the effects of a $1 million shock in the same sector mix. This linear structure does not capture economies (or diseconomies) of scale, nor changes in production techniques as output expands.

- The input–output framework assumes that suppliers can meet the simulated demand without binding capacity constraints (no resource scarcity). It does not endogenously represent bottlenecks, substitution among inputs, or the additional investment that might be required over time to expand capacity.

2.2 Regional Impacts

The MISQ and Statistics Canada input-output multipliers are not available at the regional scale. Moreover, regional economic effects are particularly uncertain because they depend on the capacity of the workforce and entrepreneurs in a specific region, their willingness to contribute to the project, and their purchasing decisions. High-level estimates of regional effects for the Northern Québec region (Nord-du-Québec) were performed by using the following approach.

Some effects are known to occur in the region as per information provided by PMET. According to the latter, 15% of the labour force for the construction phase is expected to be regional. The proportion increases to 20% for the operation phase. It is therefore assumed that the same percentages (15% for construction, 20% for operation) of direct jobs and labour income remain in the Northern Québec region. In addition, the Feasibility Study indicates that the direct municipal taxes are expected to be paid by PMET in the municipality in which the project is set.

For other direct effects (other than the direct jobs and labour income discussed above), as well as for indirect effects, the following assumptions are made regarding regional share of the effects by sector:

- Certain services are usually procured from nearby, such as utilities, construction, food and personal care retail, waste management, health and social services, accommodation and food services, as well as local and Indigenous government. This means that the project itself, the project's labour force, and the project's suppliers are likely to procure these services from the region, and therefore the economic effects in those sectors are likely to occur regionally. For these sectors, the percentage of the labour that is expected to be regional (15% for construction, 20% for operation) is used as a proxy for the share of the suppliers that will be regional, in the absence of better data. This is applied to the following sectors.
- For the remaining sectors, it is assumed that additional industry output (and associated income, jobs, etc.) supported by the project in each sector is distributed among the administrative regions of Québec according to their share of the gross domestic product (GDP) of that sector in all of Québec . This is based on the rationale that in each sector, the region is at least as likely to contribute to the project through indirect effects as it is contributing to the output of the sector in Québec as a whole. This is likely an underestimate, because economic output supported by the project is more likely to occur in the region of the project than the average for that sector in Québec (as reflected by the GDP statistics). However, it is used here as a conservative assumption in the absence of better data.

Note that the MISQ provides a breakdown by sector for direct and indirect effects, but not for induced effects. Therefore, in the absence of better data for induced effects, it is assumed that for each indicator (jobs, labour income, other income), the regional share of induced effects is roughly equal to the regional share of indirect effects in total across all sectors for the same indicator. The rationales provided above for the assumed regional shares of indirect effects for each sector are also largely valid for induced effects, so assuming a roughly similar sectoral breakdown of indirect and induced effects, the overall regional share of indirect effects across all sectors is an acceptable proxy for the regional share of induced effects.

The table below summarizes the assumed regional shares of direct, indirect and induced effects per indicator.

Indicator	Direct effects	Indirect effects	Induced effects
Jobs, labour income / mixed income	According to PMET, 15% of the labour force of the construction phase and 20% of the labour of the operations phase is expected to be regional.	Based on the region's % share of Québec GDP for each sector, except certain services* that are assumed to be supplied regionally at the same % share as labour (15% for construction and 20% for operations).	Results are not available by sector, so the same regional % share as indirect effects (total for all sectors) is assumed.
Other income (value added not from labour, such as profits, rental income, consumption of fixed capital)	Based on the region's % share of Québec GDP for each sector, except certain services* that are assumed to be supplied regionally at the same % share as labour (15% for construction and 20% for operations).		Results are not available by sector, so the same regional % share as indirect effects (total for all sectors) is assumed.
Government revenue	Direct municipal taxes paid by PMET are expected to occur in the region. Federal and provincial government income is not considered a regional effect.	Indirect/induced effects on municipal taxes are very small compared to direct municipal taxes. They are assumed to occur outside the region. Federal and provincial government income is not considered a regional effect.	

Notes: * This is applied to the following sectors: utilities, construction, food and personal care retail, waste management, health and social services, accommodation and food services, as well as local and Indigenous government.

3 Project Expenditures

The Project's costs are organized by lifecycle phase, starting with construction, followed by operations, and finally by closure and rehabilitation. Furthermore, the project is composed of open pit mining and underground mining, further disaggregating the project's costs. This section details the projected expenditures for each of those components, reported in constant 2025 dollars. Cost estimates were prepared by G Mining Services and are drawn from the NI 43-101 Feasibility Study for the Shaakichiuwaanaan Project (G Mining Services Inc., 2025). Totals may not sum due to rounding.

3.1 Construction Expenditures

Construction is separated by phase; The open pit operation is developed first, with Phase 1 providing an initial production capacity of ~400,000 tpa spodumene concentrate. The underground mine comes online second as Phase 2 and provides an additional production capacity of ~400,000 tpa spodumene concentrate, resulting in ~800,000 tpa nameplate capacity for the Project. The two construction phases have been analyzed separately as they each have their own capital expenditures, spending structure, and expected schedule. For the purposes of the economic impact modelling, only the portion of costs explicitly identified as internal payroll are treated as primary labour income in MISQ; the labour embedded in contractor prices is captured indirectly through supplier sectors.

3.1.1 Phase 1 – Open Pit

Phase 1 construction is planned over 41 months from January 2027 to May 2030, with a total capital budget of $1,349.4 million (including $130.7 million contingency) based on the estimates from the NI 43-101 Feasibility Study for the Shaakichiuwaanaan Project prepared by G Mining Services Inc. (2025) and presented here in constant 2025 dollars. For reporting and MISQ mapping, contingency was prorated across cost categories. Table 1 summarizes the Phase 1 capital by cost category. Detailed cost lines underlie the sector mapping; only the aggregated cost categories are presented here for concision.

Table 1 Phase 1 Capital Expenditures Summary, Open Pit Construction (M$)

Cost Categories	Capital Expenditures	Contingency	Total
Infrastructure	124.9	13.4	138.3
Power & Electrical	173.8	18.6	192.5
Water & Tailings Management	128.2	13.7	141.9
Surface Operations	18.6	2.0	20.6
Mining	120.0	12.9	132.8
Process Plant	217.3	23.3	240.6
Construction Indirect	262.8	28.2	291.0
General Services - Owner's Costs	99.8	10.7	110.5
Pre-Prod, Start-up, Commissioning & Contingency	73.3	7.9	81.2
Total	**1,218.7**	**130.7**	**1,349.4**

Source: NI 43-101 Feasibility Study (G Mining Services, 2025).

Table 2 shows the corresponding allocation by MISQ productive sectors, distinguishing $1,220.8 million in purchases of goods and services from $128.6 million in salaries, consistent with the MISQ sectoral classification.

Table 2 Phase 1 Capital Expenditures Breakdown by Productive Sector ($million)

Sectors	Goods and Services	Salaries[1]
Other engineering construction	319.4	128.6
Electric power engineering construction	186.7	-
Agricultural, construction and mining machinery manufacturing	172.9	-
Other activities of the construction industry	157.9	-
Architectural, engineering and related services	149.0	-
Non-residential building construction	62.6	-
Petroleum refineries	57.8	-
Office administrative services	41.7	-
Truck transportation	34.5	-
Transportation engineering construction	29.2	-
Communication engineering construction	5.8	-
Insurance carriers	2.4	-
Other professional, scientific and technical services	0.9	-
Total (1,349.4 $million)	**1,220.8**	**128.6**

Source: WSP sectoral reclassification to MISQ productive sectors based on NI 43-101 Feasibility Study (G Mining Services, 2025).

3.1.2 Phase 2 – Underground

Construction of the underground portion of the mine is planned over 43 months, with capital expenses scheduled from September 2028 to March 2032. This timeline overlaps with the construction of Phase 1 and extends 22 months into the open pit operations period. Estimated capital expenditures for the construction of Phase 2 are $628.8 million. Consistent with Phase 1, contingency was allocated pro rata across cost categories. Table 3 summarizes Phase 2 capital by cost category.

[1] Payroll assumption: 95% of compensation accrues to Québec residents. For goods and services, the MISQ estimates Québec content endogenously; imports and other leakages represent the portion of demand met outside Québec.

Table 3 Phase 2 Capital Expenditures Summary, Underground Construction ($million)

Cost Categories	Capital Expenditures	Contingency	Total
Infrastructure	24.8	2.8	27.6
Power & Electrical	46.2	5.2	51.4
Water & Tailings Management	18.7	2.1	20.8
Surface Operations	-	-	-
Mining	135.5	15.3	150.8
Process Plant	187.1	21.1	208.2
Construction Indirect	123.9	14.0	137.9
General Services - Owner's Costs	18.1	2.0	20.2
Pre-Prod, Start-up, Commissioning & Contingency	10.8	1.2	12.0
Total	**565.1**	**63.7**	**628.8**

Source: NI 43-101 Feasibility Study (G Mining Services, 2025).

Table 4 maps these outlays to MISQ productive sectors, distinguishing $628.8 million in purchases of goods and services by sector. During Phase 2 construction (September 2028 to March 2032), salaries are allocated either to Phase 1 construction or to operations.

Table 4 Phase 2 Capital Expenditures Breakdown by Productive Sector ($million)

Sectors	Goods and Services
Other engineering construction	316.6
Architectural, engineering and related services	149.6
Agricultural, construction and mining machinery manufacturing	75.7
Electric power engineering construction	44.7
Truck transportation	18.8
Non-residential building construction	15.0
Communication engineering construction	6.7
Insurance carriers	1.3
Transportation engineering construction	0.3
Other activities of the construction industry	0.1
Total	**628.8**

Source: WSP sectoral reclassification to MISQ productive sectors based on NI 43-101 Feasibility Study (G Mining Services, 2025).

3.2 Operating Period Expenditures

3.2.1 Operating Expenditures

Operating expenditures (OPEX) cover mining, processing, general & administrative, and concentrate transport & logistics over the 19-year life of mine (LOM). Annual production varies materially, from 5.1Mt ore processed in the July 2035–June 2036 operating year to 1.5 Mt of ore processed in the final year. To reflect this variability in annual production levels and the resulting year-to-year fluctuations in operating costs and associated economic effects, Table 5 presents operating expenditures for (i) the full LOM and (ii) the 2035–2036 peak operating year, by aggregate category.

Table 5 Operating Expenditures Summary, Total Period and Operation Peak ($million)

Cost Categories	LOM	
	(June 2030 - June 2049)	July 2035 - June 2036
Open Pit	1,390.4	106.5
Underground	2,852.2	162.1
Processing	1,208.3	69.5
G&A	1,334.7	75.5
Concentrate Transport & Logistics	2,878.8	175.2
Total	**9,664.3**	**588.9**

Source: NI 43-101 Feasibility Study (G Mining Services, 2025).

These expenditures include labour costs associated with ongoing operational activities. A portion of internal salaries incurred during 2030 is reflected in the operating-phase salary expenditures, as these activities are operational in nature despite occurring during the construction period. Table 6 presents the life of mine operating expenditures reclassified to MISQ productive sectors, separating purchases of goods and services from salaries in a manner consistent with MISQ's primary-factor treatment.

Table 6 LOM Operating Expenditures Breakdown by Productive Sector ($million)

Sectors	Goods and Services	Salaries[2]
Other metal ore mining	-	2,306.2
Office administrative services	-	478.0
Non-ferrous metal (except aluminum) production and processing	-	260.8
Truck transportation	1,065.2	315.7
Support activities for mining	1,121.8	-
Rail transportation	894.8	-
Repair and maintenance (except automotive)	453.2	-
Water transportation	433.9	-
Electric power generation, transmission and distribution	416.1	-
Other transit and ground passenger transportation and scenic and sightseeing transportation	381.1	-
Food services and drinking places	280.9	-
Architectural, engineering and related services	246.1	-
Support activities for transportation	235.3	-
Water, sewage and other systems	131.7	-
Services to buildings and dwellings	126.9	-
Coating, engraving, cold and heat treating and allied activities	112.8	-
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing	88.8	-
Rental and leasing services (except automotive equipment)	57.6	-
Miscellaneous ambulatory health care services	43.0	-
Employment services	36.3	-
Computer systems design and related services	33.4	-
Insurance carriers	28.6	-
Automotive equipment rental and leasing	27.3	-
Accounting, tax preparation, bookkeeping and payroll services	18.9	-
Investigation and security services	15.1	-
Sub-Total (MISQ inputs)	*6,248.8*	*3,360.7*
Local Taxes[3] ($54.7 million)	-	-
Total	**9,664.3**	

Source: WSP sectoral reclassification to MISQ productive sectors based on NI 43-101 Feasibility Study (G Mining Services, 2025).

[2] Payroll assumption: 95% of compensation accrues to Québec residents. For goods and services, the MISQ estimates Québec content endogenously; imports and other leakages represent the portion of demand met outside Québec.

[3] Local taxes are included in Table 6 to reconcile total operating expenditures but are not treated as purchases of goods and services or as labour income in the MISQ framework.

3.2.2 Sustaining Capital Expenditures

Sustaining operations over the life of mine require periodic reinvestment in assets and infrastructure to maintain safe and reliable production at design capacity. The Project sustaining capital costs include all costs related to continuing and maintaining the operation through the life of mine. It includes stockpile expansion, purchasing mining equipment for both open pit and underground, development underground and their related and indirect costs and contingencies. It also covers the major repairs for the mine equipment. Unlike initial CAPEX, sustaining outlays preserve capacity rather than expand it. Sustaining capital totals $936.4 million, comprising $531.9 million for the open pit and $404.6 million for the underground. Table 7 summarizes the project's sustaining capital by phase and by major cost category.

Table 7 Sustaining Capital Expenditures Summary ($million)

Cost Categories	Total
Infrastructure	30.8
Power & Electrical	25.0
Water & Tailings Management	100.5
Surface Operations	11.9
Mining	550.5
General Services / Owner's Costs	31.6
Pre-production, Start-up, Comm.	186.1
Total	**936.4**

Source: NI 43-101 Feasibility Study (G Mining Services, 2025).

Sustaining capital is reclassified from cost categories to productive sectors. For the sustaining capital period, salaries are allocated to operations. Table 8 presents the sectoral allocation of sustaining capital expenditures based on the MISQ productive sector classification.

Table 8 Sustaining Capital Expenditures Breakdown by Productive Sector ($million)

Sectors	Goods and Services
Other engineering construction	369.8
Agricultural, construction and mining machinery manufacturing	323.9
Repair construction	186.1
Electric power engineering construction	25.0
Truck transportation	17.8
Management, scientific and technical consulting services	13.8
Total (936.4 $million)	**936.4**

Source: WSP sectoral reclassification to MISQ productive sectors based on NI 43-101 Feasibility Study (G Mining Services, 2025).

3.3 Closure and Rehabilitation Expenditures

Although the provincial EIA Directive focuses on the construction and operating periods, the closure and rehabilitation program also represents a meaningful, project-driven stream of spending covering activities such as site security, dismantling/demobilization, restoration of industrial areas and access roads, restoration of stockpiles and water-management systems, contaminated-soil management, and post-closure monitoring, with associated indirect costs. The total closure program is estimated at $248.3 million, comprising $211.0 million for open-pit areas and $37.3 million for underground works, as presented in Table 9.

Table 9 Closure Expenditures Summary ($million)

Cost Categories	Closure Expenditures	Contingency	Total
Site Security	1.1	0.2	1.3
Dismantling, Demolition, and Demobilization of Surface Infrastructure	10.7	1.9	12.6
Restoration of the Industrial Area and Access Roads	5.2	0.9	6.1
Restoration of Stockpiles	102.5	18.1	120.6
Restoration of the Water Management System	9.5	1.7	11.2
Management of Contaminated Soils	12.3	2.2	14.5
Monitoring Costs	15.0	2.7	17.7
Indirect Costs	54.7	9.7	64.4
Total	**211.0**	**37.3**	**248.3**

Source: NI 43-101 Feasibility Study (G Mining Services, 2025)

For the impact analysis, these expenditures are reclassified to productive sectors consistent with the input–output framework used in this study and split between purchases of goods and services and salaries, the latter treated as primary factors in the modeling. For the closure period, salaries are allocated to operations. Table 10 presents the allocation of closure and rehabilitation expenditures by MISQ productive sector.

Table 10 Closure Expenditures Breakdown by Productive Sector ($million)

Cost Categories	Goods and Services
Other engineering construction	131.8
Architectural, engineering and related services	64.4
Office administrative services	17.7
Waste management and remediation services	14.5
Other activities of the construction industry	12.6
Transportation engineering construction	6.1
Investigation and security services	1.3
Total (248.3 $million)	**248.3**

Source: WSP sectoral reclassification to MISQ productive sectors based on NI 43-101 Feasibility Study (G Mining Services, 2025).

4 Results

4.1 Provincial Results

Provincial results are organized by lifecycle phase: construction (Phase 1 and Phase 2 separately), operations (both life of mine and the July 2035–June 2036 operating year), sustaining capital, and the closure & rehabilitation phase. Unless otherwise noted, employment results are presented both as total person-years over the relevant period and as annual averages, which reflect the average number of jobs supported per year over the duration of the phase.

In the MISQ framework, direct effects capture the economic impacts generated by the Project itself and by Québec-based suppliers providing goods and services directly to the Project ; indirect effects reflect the upstream supply-chain activity generated as these first-tier suppliers purchase inputs from other Québec industries; and induced effects represent the additional economic activity generated by household spending supported by labour income earned through direct and indirect activity (see Section 2.1). Provincial results reflect the portion of project expenditures retained within Québec's economy as estimated by the MISQ; spending not captured in Québec results corresponds to imports and other leakages. Totals may not sum due to rounding.

4.1.1 Construction

Phase 1 construction generates Québec-wide impacts through a concentrated period of capital spending and the associated supply-chain response. Over the 41-month construction period, Phase 1 is estimated to support 7,545 person-years of employment, equivalent to an average of 2,208 jobs per year over the phase (Table 11). The corresponding economic activity is estimated at $989.2 million in value added, including $571.9 million in wages and salaries, over the construction period.

Table 11 Provincial Economic Impacts of the Construction of Phase 1

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 41 months)
			person-years		
1- Jobs	**3,418**	**2,576**	**1,550**	**7,545**	**2,208**
Employees	3,358	2,358	1,400	**7,117**	**2,083**
Other workers	60	218	150	**428**	**125**
			$million (in 2025 prices)		
2- Value added at basic prices	**473.9**	**320.1**	**195.2**	**989.2**	**289.5**
Wages and salaries before tax	313.3	182.6	76.0	**571.9**	**167.4**
Gross mixed income	13.8	16.6	43.8	**74.1**	**21.7**
Other gross income before tax	146.8	120.9	75.4	**343.2**	**100.4**
3- Taxes on products	11.2	4.4	39.9	**55.5**	**16.2**
4- Subsidies on products	–	-1.6	-3.8	**-5.5**	**-1.6**
5- Imports	134.0	401.8	126.8	**662.7**	**193.9**
6- Withdrawals from inventories and other leakages	–	2.4	3.3	**5.8**	**1.7**

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 41 months)
7- Québec government revenues	**39.5**	**20.4**	**32.1**	**92.0**	**26.9**
Taxes on wages and salaries	33.3	17.3	5.3	**55.9**	**16.4**
Sales taxes (QST)	0.0	0.5	16.9	**17.3**	**5.1**
Specific taxes	6.2	2.6	9.9	**18.7**	**5.5**
8- Federal government revenues	**27.6**	**13.9**	**16.6**	**58.0**	**17.0**
Taxes on wages and salaries	24.6	12.5	3.5	**40.6**	**11.9**
Sales taxes (GST)	0.0	0.4	8.8	**9.2**	**2.7**
Excise taxes and duties	2.6	0.8	3.0	**6.4**	**1.9**
Customs duties	0.3	0.1	1.3	**1.8**	**0.5**
9- Local government revenues:					
Municipal taxes	2.0	–	2.2	**4.2**	**1.2**
10- Parafiscal charges (employer and employee contributions)					
Québec (QPP, HSF, CNESST, QPIP)	59.9	30.6	13.3	**103.8**	**30.4**
Federal (Employment Insurance)	6.9	4.5	2.1	**13.6**	**4.0**

Source: Institut de la statistique du Québec (ISQ) (2026), Simulation d'impact économique pour le Québec (study for WSP).

Table 12 presents the Québec - wide impacts associated with Phase 2 (underground) construction, driven by $628.8 million in capital outlays over September 2028–March 2032, an interval that overlaps the open-pit operating period by roughly 22 months. Over the 43-month construction schedule, Phase 2 is estimated to support 3,629 person-years of employment, equivalent to an average of 1,013 jobs per year. Phase 2 construction is estimated to generate $483.6 million in value added, including $285.3 million in wages and salaries, over the construction period.

Table 12 Provincial Economic Impacts of the Construction of Phase 2

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 43 months)
			person-years		
1- Jobs	**1,411**	**1,444**	**773**	**3,629**	**1,013**
Employees	1,403	1,334	699	**3,436**	**959**
Other workers	7	110	75	**193**	**54**
			$million (in 2025 prices)		
2- Value added at basic prices	**202.0**	**184.3**	**97.4**	**483.6**	**135.0**
Wages and salaries before tax	137.7	109.6	37.9	**285.3**	**79.6**
Gross mixed income	1.9	9.4	21.8	**33.1**	**9.2**
Other gross income before tax	62.3	65.3	37.6	**165.2**	**46.1**
3- Taxes on products	1.8	2.2	19.9	**23.9**	**6.7**
4- Subsidies on products	–	-1.0	-1.9	**-2.9**	**-0.8**
5- Imports	58.6	178.6	63.3	**300.5**	**83.9**

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 43 months)
6- Withdrawals from inventories and other leakages	–	1.0	1.7	**2.7**	**0.7**
7- Québec government revenues	**16.5**	**12.4**	**16.0**	**44.9**	**12.5**
Taxes on wages and salaries	15.5	10.8	2.6	**29.0**	**8.1**
Sales taxes (QST)	0.0	0.2	8.4	**8.7**	**2.4**
Specific taxes	1.0	1.3	5.0	**7.2**	**2.0**
8- Federal government revenues	**12.3**	**8.6**	**8.3**	**29.2**	**8.2**
Taxes on wages and salaries	12.0	7.9	1.7	**21.7**	**6.0**
Sales taxes (GST)	0.0	0.2	4.4	**4.6**	**1.3**
Excise taxes and duties	0.2	0.4	1.5	**2.1**	**0.6**
Customs duties	0.1	0.1	0.7	**0.8**	**0.2**
9- Local government revenues:					
Municipal taxes	0.5	–	0.5	**1.0**	**0.3**
10- Parafiscal charges (employer and employee contributions)					
Québec (QPP, HSF, CNESST, QPIP)	25.5	17.8	6.6	**50.0**	**13.9**
Federal (Employment Insurance)	2.9	2.6	1.1	**6.6**	**1.8**

Source: Institut de la statistique du Québec (ISQ) (2026), Simulation d'impact économique pour le Québec (study for WSP).

4.1.2 Operations Phase

Table 13 presents the provincial economic effects attributable to the Project's operations over the full 19-year life of mine period, driven by total operating expenditures of $9,664.3 million covering open-pit and underground mining, processing, general and administrative activities, and concentrate transport and logistics. In aggregate, the model estimates that operations support 61,711 person-years of employment in Québec, equivalent to an average of 3,248 jobs per year, and generate $8,227.2 million in value added at basic price, corresponding to annual averages of $433.0 million in value added and $258.9 million in wages and salaries over the operating period. This includes $4,918.5 million in wages and salaries (before tax), with the balance of value added comprised of gross mixed income and other gross income. The corresponding totals for net taxes on products, public-sector revenues, parafiscal charges, and leakages are reported in Table 13.

Table 13 Provincial Economic Impacts of the Operations – Total Period

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 19 years)
			person-years		
1- Jobs	**41,197**	**7,180**	**13,334**	**61,711**	**3,248**
Employees	39,524	6,507	12,044	**58,075**	**3,057**
Other workers	1,673	673	1,290	**3,636**	**191**
			$million (in 2025 prices)		
2- Value added at basic prices	**5,663.4**	**885.1**	**1,678.7**	**8,227.2**	**433.0**
Wages and salaries before tax	3,822.6	442.6	653.3	**4,918.5**	**258.9**
Gross mixed income	100.2	61.6	376.6	**538.5**	**28.3**
Other gross income before tax	1,740.5	380.9	648.7	**2,770.2**	**145.8**
3- Taxes on products	91.9	17.1	343.3	**452.2**	**23.8**
4- Subsidies on products	-50.9	-7.9	-32.9	**-91.7**	**-4.8**
5- Imports	1,629.5	973.6	1,090.9	**3,694.0**	**194.4**
6- Withdrawals from inventories and other leakages	1.4	5.5	28.5	**35.5**	**1.9**
7- Québec government revenues	**492.9**	**49.8**	**276.2**	**818.9**	**43.1**
Taxes on wages and salaries	423.5	37.9	45.5	**506.9**	**26.7**
Sales taxes (QST)	11.8	2.9	145.1	**159.8**	**8.4**
Specific taxes	57.6	9.0	85.6	**152.2**	**8.0**
8- Federal government revenues	**344.0**	**31.6**	**142.7**	**518.3**	**27.3**
Taxes on wages and salaries	321.6	26.4	30.1	**378.1**	**19.9**
Sales taxes (GST)	6.4	2.2	75.5	**84.2**	**4.4**
Excise taxes and duties	15.0	2.5	25.8	**43.3**	**2.3**
Customs duties	1.0	0.4	11.3	**12.8**	**0.7**
9- Local government revenues:					
Municipal taxes	–	–	–	**–**	**–**
10- Parafiscal charges (employer and employee contributions)					
Québec (QPP, HSF, CNESST, QPIP)	576.5	76.9	114.0	**767.4**	**40.4**
Federal (Employment Insurance)	73.3	11.9	18.3	**103.5**	**5.4**

Source: Institut de la statistique du Québec (ISQ) (2026), Simulation d'impact économique pour le Québec (study for WSP).

4.1.2.1 Direct Fiscal Revenues from the Project

In addition to the fiscal effects estimated using the MISQ framework, which capture only the taxes associated with project payroll and operating expenditures, the Feasibility Study also provides estimates of direct taxes paid by PMET during the operating period, including corporate income taxes, mining taxes, applicable tax credits, and GHG-related taxes. Over the operating period, these direct fiscal effects are estimated at $3,357.4 million in total. Of this amount, the provincial government is expected to receive $2,164.5 million in corporate income and mining taxes, while the federal government is expected to receive $1,192.9 million in corporate income and GHG-related taxes. Local authorities are expected to receive $54.7 million in municipal and school taxes. All amounts are presented on a gross basis, prior to the application of any tax credits, as eligibility for such credits (including the

Clean Technology Manufacturing Investment Tax Credit and the Tax Credit Relating to Resources) remains uncertain at the current stage of the Project.

The July 2035–June 2036 operating year provides a useful point-in-time reference for the scale of annual effects during high-throughput production. For that year, the model estimates 3,658 person-years of employment and $485.8 million in value added, including $290.3 million in wages and salaries (Table 14).

Table 14 Provincial Economic Impacts of the Operations – 2035-2036

Variables	Direct Effects	Indirect Effects	Induced Effects	Total
		person-years		
1- Jobs	**2,428**	**443**	**787**	**3,658**
Employees	2,331	403	711	**3,444**
Other workers	97	41	76	**214**
		$million (in 2025 prices)		
2- Value added at basic prices	**331.9**	**54.9**	**99.1**	**485.8**
Wages and salaries before tax	224.1	27.7	38.6	**290.3**
Gross mixed income	6.1	3.7	22.2	**32.1**
Other gross income before tax	101.7	23.5	38.3	**163.4**
3- Taxes on products	5.5	1.0	20.3	**26.8**
4- Subsidies on products	-3.0	-0.5	-1.9	**-5.5**
5- Imports	111.8	60.9	64.4	**237.1**
6- Withdrawals from inventories and other leakages	0.1	0.3	1.7	**2.1**
7- Québec government revenues	**28.9**	**3.1**	**16.3**	**48.3**
Taxes on wages and salaries	24.7	2.4	2.7	**29.8**
Sales taxes (QST)	0.6	0.2	8.6	**9.4**
Specific taxes	3.5	0.6	5.1	**9.1**
8- Federal government revenues	**20.1**	**2.0**	**8.4**	**30.5**
Taxes on wages and salaries	18.8	1.7	1.8	**22.2**
Sales taxes (GST)	0.4	0.1	4.5	**5.0**
Excise taxes and duties	0.9	0.2	1.5	**2.6**
Customs duties	0.1	0.0	0.7	**0.8**
9- Local government revenues:				
Municipal taxes	–	–	–	**–**
10- Parafiscal charges (employer and employee contributions)				
Québec (QPP, HSF, CNESST, QPIP)	34.2	4.8	6.7	**45.7**
Federal (Employment Insurance)	4.3	0.7	1.1	**6.2**

Source: Institut de la statistique du Québec (ISQ) (2026), Simulation d'impact économique pour le Québec (study for WSP).

For the Shaakichiuwaanaan Project, sustaining capital expenditures total $936.4 million over the operating period. The MISQ results for this sustaining capital program are summarized in Table 15, which shows that these reinvestments support 4,571 person-years of employment in Québec, equivalent to an average of 241 jobs per year over the operating period. Sustaining capital is estimated to generate $588.0 million in value added, including $330.4 million in wages and salaries (before tax), with the associated fiscal effects and leakages reported in the table.

Table 15 Provincial Economic Impacts of the Sustaining Capital Expenditures

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 19 years)
			person-years		
1- Jobs	**2,372**	**1,303**	**896**	**4,571**	**241**
Employees	2,321	1,181	809	**4,310**	**227**
Other workers	51	122	87	**260**	**14**
			$million (in 2025 prices)		
2- Value added at basic prices	**322.5**	**152.7**	**112.8**	**588.0**	**30.9**
Wages and salaries before tax	201.7	84.8	43.9	**330.4**	**17.4**
Gross mixed income	11.8	7.8	25.3	**44.8**	**2.4**
Other gross income before tax	109.0	60.1	43.6	**212.8**	**11.2**
3- Taxes on products	1.9	2.4	23.1	**27.4**	**1.4**
4- Subsidies on products	–	-0.7	-2.2	**-2.9**	**-0.2**
5- Imports	251.0	204.2	73.3	**528.4**	**27.8**
6- Withdrawals from inventories and other leakages	–	1.7	1.9	**3.6**	**0.2**
7- Québec government revenues	**21.8**	**9.3**	**18.6**	**49.7**	**2.6**
Taxes on wages and salaries	20.5	7.6	3.1	**31.2**	**1.6**
Sales taxes (QST)	0.0	0.2	9.7	**10.0**	**0.5**
Specific taxes	1.3	1.4	5.7	**8.5**	**0.4**
8- Federal government revenues	**15.8**	**6.1**	**9.6**	**31.5**	**1.7**
Taxes on wages and salaries	15.2	5.4	2.0	**22.6**	**1.2**
Sales taxes (GST)	0.0	0.2	5.1	**5.3**	**0.3**
Excise taxes and duties	0.3	0.4	1.7	**2.5**	**0.1**
Customs duties	0.2	0.1	0.8	**1.1**	**0.1**
9- Local government revenues:					
Municipal taxes	–	–	–	**–**	**–**
10- Parafiscal charges (employer and employee contributions)					
Québec (QPP, HSF, CNESST, QPIP)	40.1	14.8	7.7	**62.6**	**3.3**
Federal (Employment Insurance)	4.8	2.2	1.2	**8.2**	**0.4**

Source: Institut de la statistique du Québec (ISQ) (2026), Simulation d'impact économique pour le Québec (study for WSP).

4.1.3 Closure

The closure and rehabilitation of the mine is estimated at $248.3 million in total project expenditures, starting at the end of the extraction operations. The modelling indicates that the closure phase supports 1,537 person-years of employment, equivalent to an average of 615 jobs per year over the 30-month closure period (Table 16). Closure and rehabilitation activities are estimated to generate $200.6 million in value added, including $115.2 million in wages and salaries, corresponding to annual averages of $80.3 million in value added and $46.1 million in wages and salaries over the closure period.

From a fiscal perspective, the closure expenditures also translate into public-sector revenues primarily through taxes linked to labour income and related consumption. In aggregate, the results in Table 16 indicate $17.5 million in Québec government revenues and $11.2 million in federal government revenues. As with the other phases, a portion of spending is estimated to leak outside Québec through imports and other leakages, reflecting supply-chain capacity and sourcing patterns captured by the model.

Table 16 Provincial Economic Impacts of the Closure Phase

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 30 months)
			person-years		
1- Jobs	**548**	**677**	**312**	**1,537**	**615**
Employees	542	627	282	**1,452**	**581**
Other workers	5	50	30	**85**	**34**
			$million (in 2025 prices)		
2- Value added at basic prices	**74.5**	**86.9**	**39.3**	**200.6**	**80.3**
Wages and salaries before tax	49.4	50.5	15.3	**115.2**	**46.1**
Gross mixed income	1.2	4.3	8.8	**14.3**	**5.7**
Other gross income before tax	23.8	32.1	15.2	**71.1**	**28.4**
3- Taxes on products	0.5	0.9	8.0	**9.4**	**3.8**
4- Subsidies on products	–	-0.5	-0.8	**-1.3**	**-0.5**
5- Imports	–	85.5	25.6	**111.1**	**44.4**
6- Withdrawals from inventories and other leakages	–	0.4	0.7	**1.1**	**0.4**
7- Québec government revenues	**5.5**	**5.5**	**6.5**	**17.5**	**7.0**
Taxes on wages and salaries	5.2	4.9	1.1	**11.2**	**4.5**
Sales taxes (QST)	0.0	0.2	3.4	**3.6**	**1.4**
Specific taxes	0.4	0.4	2.0	**2.8**	**1.1**
8- Federal government revenues	**4.0**	**3.9**	**3.3**	**11.2**	**4.5**
Taxes on wages and salaries	3.9	3.6	0.7	**8.2**	**3.3**
Sales taxes (GST)	0.0	0.1	1.8	**1.9**	**0.7**
Excise taxes and duties	0.1	0.1	0.6	**0.8**	**0.3**
Customs duties	0.0	0.0	0.3	**0.3**	**0.1**
9- Local government revenues:					
Municipal taxes	–	–	–	**–**	**–**

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 30 months)
10- Parafiscal charges (employer and employee contributions)					
Québec (QPP, HSF, CNESST, QPIP)	9.8	8.3	2.7	**20.8**	**8.3**
Federal (Employment Insurance)	1.1	1.2	0.4	**2.8**	**1.1**

Source: Institut de la statistique du Québec (ISQ) (2026), Simulation d'impact économique pour le Québec (study for WSP).

4.2 Regional Results

Regional impacts presented below are derived by allocating provincial MISQ results using the assumptions and sector-specific allocation method described in Section 2.2. They should be interpreted as indicative estimates of the share of Québec-wide impacts that could occur in the Nord-du-Québec region rather than as outputs from a stand-alone regional input–output model. The regional tables below focus on the portion of employment and value-added effects that are expected to accrue locally under the stated assumptions and should be interpreted alongside the provincial results.

As part of the modelling assumptions, PMET estimates that approximately 15 % of the workforce required during the construction phase and 20 % during the operating phase would be sourced from the region. These proportions apply to direct employment associated with the Project itself. The regional results generally show lower overall regional shares when expressed as a proportion of total (direct, indirect, and induced) impacts, reflecting the inclusion of indirect and induced effects, which are more geographically dispersed across Québec supply chains and household spending than the Project's direct effects.

4.2.1 Construction

Construction-phase regional impacts are estimated separately for Phase 1 (open pit) and Phase 2 (underground) to reflect their distinct schedules and spending profiles. For Phase 1, the regional allocation suggests 620 person-years of employment and $58.2 million in value added in Nord-du-Québec, or 181 person-years and $17 million on an annual basis (Table 17). This corresponds to 8% of the Québec-wide construction employment impact and about 6% of value added for that phase.

Table 17 Regional Economic Impacts of the Construction of Phase 1

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 41 months)	Regional Impacts Proportion of Total
person-years						
1- Jobs	**513**	**67**	**40**	**620**	**181**	**8%**
Employees	504	65	39	**607**	**178**	9%
Other workers	9	2	1	**12**	**4**	3%
$million (in 2025 prices)						
2- Value added at basic prices	**49.1**	**5.8**	**3.4**	**58.2**	**17.0**	**6%**
Wages and salaries before tax	47.0	5.3	2.2	**54.6**	**16.0**	10%
Gross mixed income	2.1	0.4	1.1	**3.6**	**1.1**	5%
Other gross income before tax	22.7	3.3	2.2	**28.2**	**8.2**	8%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

For Phase 2, the corresponding regional effects are estimated at 267 person-years of employment, corresponding to approximately 75 jobs on average per year over the duration of this phase, and $25.6 million in value added, equivalent to about 7% of Phase 2 employment impacts and about 5% of value added at the Québec scale (Table 18). The lower overall regional shares (relative to direct labour assumptions) reflect the fact that indirect and induced effects are more geographically dispersed across Québec's supplier base under the allocation method described in Section 2.2.

Table 18 Regional Economic Impacts of the Construction of Phase 2

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 43 months)	Regional Impacts Proportion of Total
person-years						
1- Jobs	**212**	**36**	**19**	**267**	**75**	**7%**
Employees	211	35	19	**264**	**74**	8%
Other workers	1	1	1	**3**	**1**	1%
$million (in 2025 prices)						
2- Value added at basic prices	**20.9**	**3.1**	**1.5**	**25.6**	**7.2**	**5%**
Wages and salaries before tax	20.7	2.9	1.0	**24.6**	**6.9**	9%
Gross mixed income	0.3	0.2	0.5	**1.0**	**0.3**	3%
Other gross income before tax	9.6	1.6	0.9	**12.1**	**3.4**	7%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

4.2.2 Operation

Regional impacts during operations reflect both the sustained workforce requirements over the life of mine and the degree to which upstream supply-chain activity is expected to be anchored in Nord-du-Québec. Over the full operating period, the regional allocation indicates 8,951 person-years of employment, corresponding to an average of approximately 471 jobs per year over the operating life of the Project, and $835.5 million in value added in the region, equivalent to about 15% of Québec-wide operating employment impacts and about 10% of value added (Table 19). In addition, the Feasibility Study estimates that PMET will contribute $54.7 million in municipal and school taxes over the life of mine, which would accrue locally and therefore adds to the Project's direct fiscal impacts in the region.

Table 19 Regional Economic Impacts of the Operations – Total Period

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 19 years)	Regional Impacts Proportion of Total
person-years						
1- Jobs	**8,239**	**249**	**462**	**8,951**	**471**	**15%**
Employees	7,905	234	433	**8,571**	**451**	15%
Other workers	335	15	29	**379**	**20**	10%
$million (in 2025 prices)						
2- Value added at basic prices	**784.6**	**16.3**	**34.7**	**835.5**	**44.0**	**10%**
Wages and salaries before tax	764.5	14.0	20.6	**799.1**	**42.1**	16%
Gross mixed income	20.0	2.3	14.0	**36.4**	**1.9**	7%
Other gross income before tax	231.5	14.5	23.7	**269.7**	**14.2**	10%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

The peak year of extraction (2035–2036) follows a similar pattern at an annual scale, with an estimated 527 person-years of employment and $49.0 million in value added occurring in the region, corresponding to approximately 14% of employment impacts and 10% of value added for that year (Table 20).

Table 20 Regional Economic Impacts of the Operations – 2035-2036

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Regional Impacts Proportion
person-years					
1- Jobs	**486**	**15**	**26**	**527**	**14%**
Employees	466	14	**25**	**505**	15%
Other workers	19	1	**2**	**22**	10%
$million (in 2025 prices)					
2- Value added at basic prices	**46.0**	**1.0**	**2.0**	**49.0**	**10%**
Wages and salaries before tax	44.8	0.8	**1.2**	**46.8**	16%
Gross mixed income	1.2	0.1	**0.8**	**2.2**	7%
Other gross income before tax	13.7	0.9	**1.3**	**15.9**	10%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

In addition, sustaining capital expenditures required to maintain equipment and infrastructure throughout operations are estimated to support 427 person-years of employment in Nord-du-Québec over the operating period, corresponding to an average of approximately 23 jobs per year (Table 21). These activities are also estimated to generate and $38.4 million in value added at the regional level. This represents 9% of the corresponding Québec-wide employment impacts and 7% of value added.

Table 21 Regional Economic Impacts of the Sustaining Capital Expenditures

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 19 years)	Regional Impacts Proportion of Total
person-years						
1- Jobs	**356**	**42**	**29**	**427**	**23**	**9%**
Employees	348	41	28	**417**	**22**	10%
Other workers	8	1	1	**10**	**1**	4%
$million (in 2025 prices)						
2- Value added at basic prices	**32.0**	**3.7**	**2.7**	**38.4**	**2.0**	**7%**
Wages and salaries before tax	30.3	3.4	1.8	**35.5**	**1.9**	11%
Gross mixed income	1.8	0.3	0.9	**2.9**	**0.2**	6%
Other gross income before tax	14.8	2.1	1.6	**18.6**	**1.0**	9%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

4.2.3 Closure

Closure and rehabilitation activities are expected to generate more modest regional effects than the operating period, reflecting both the shorter duration and the nature of the work program. The regional allocation indicates 115 person-years of employment, which corresponds to an average of approximately 45 jobs per year, and $10.1 million in value added in Nord-du-Québec, corresponding to about 7% of Québec-wide closure employment impacts and about 5% of value added (Table 22).

Table 22 Regional Economic Impacts of the Closure Phase

Variables	Direct Effects	Indirect Effects	Induced Effects	Total	Total (annual average, over 30 months)	Regional Impacts Proportion of Total
person-years						
1- Jobs	**82**	**22**	**10**	**115**	**46**	**7%**
Employees	81	22	10	**113**	**45**	8%
Other workers	1	1	0	**2**	**1**	2%
$million (in 2025 prices)						
2- Value added at basic prices	**7.6**	**1.8**	**0.7**	**10.1**	**4.0**	**5%**
Wages and salaries before tax	7.4	1.7	0.5	**9.6**	**3.8**	8%
Gross mixed income	0.2	0.1	0.2	**0.5**	**0.2**	4%
Other gross income before tax	3.7	1.3	0.7	**5.7**	**2.3**	8%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

4.3 Summary Results

This section consolidates the results across the Project lifecycle, grouping construction as the combined effects of the open-pit (Phase 1) and underground (Phase 2) construction periods, operations as the combined effects of life of mine operating expenditures and sustaining capital, and closure as described in Section 4.1.3. At the Québec scale, the combined effects across all phases are estimated at 78,992 person-years of employment and $10,488.6 million in value added, of which $6,221.3 million in wages and salaries (before tax), with the remainder comprised of mixed income and other gross income. Table 23 also reports the associated Québec and federal government revenues and parafiscal contributions captured within the MISQ results, as well as the leakages identified by the model. In addition, the Project is expected to generate direct fiscal revenues during the operating period such as corporate income taxes, mining taxes, and other statutory payments, which are estimated separately based on the Feasibility Study and are not reflected in the MISQ results (see Section 4.1.2.1).

Table 23 Provincial Economic Impacts – Summary

Variables	Construction Phases	Operations Phase	Closure	Total
		person-years		
1- Jobs	**11,173**	**66,282**	**1,537**	**78,992**
Employees	10,553	62,385	1,452	**74,390**
Other workers	620	3,896	85	**4,602**
		$million (in 2025 prices)		
2- Value added at basic prices	**1,472.8**	**8,815.2**	**200.6**	**10,488.6**
Wages and salaries before tax	857.2	5,248.9	115.2	**6,221.3**
Gross mixed income	107.2	583.3	14.3	**704.9**
Other gross income before tax	508.4	2,983.0	71.1	**3,562.5**
3- Taxes on products	79.4	479.6	9.4	**568.4**
4- Subsidies on products	-8.4	-94.6	-1.3	**-104.3**
5- Imports	963.2	4,222.4	111.1	**5,296.7**
6- Withdrawals from inventories and other leakages	8.4	39.0	1.1	**48.5**
7- Québec government revenues	**136.9**	**868.5**	**17.5**	**1,023.0**
Taxes on wages and salaries	84.9	538.0	11.2	**634.1**
Sales taxes (QST)	26.0	169.8	3.6	**199.4**
Specific taxes	26.0	160.7	2.8	**189.5**
8- Federal government revenues	**87.3**	**549.8**	**11.2**	**648.3**
Taxes on wages and salaries	62.3	400.7	8.2	**471.2**
Sales taxes (GST)	13.8	89.5	1.9	**105.2**
Excise taxes and duties	8.5	45.8	0.8	**55.1**
Customs duties	2.6	13.9	0.3	**16.8**
9- Local government revenues:				
Municipal taxes	5.2	–	–	**5.2**
10- Parafiscal charges (employer and employee contributions)				
Québec (QPP, HSF, CNESST, QPIP)	153.7	830.0	20.8	**1,004.5**
Federal (Employment Insurance)	20.2	111.7	2.8	**134.7**

Source: ISQ (2026) provincial results, aggregated by WSP.

Regional totals are shown separately to indicate the portion of these effects that could occur in Nord-du-Québec under the allocation assumptions set out in Section 2.2. Across the full Project, regional impacts are estimated at 10,379 person-years of employment and $1,302.1 million in value added in Nord-du-Québec, representing approximately 13% of total Québec employment impacts and 12% of total value added (Table 24). Wages and salaries accruing in the region are estimated at $923.4 million, or about 15% of the Québec total. These values are indicative and should be interpreted as approximate shares of the provincial results rather than as outputs from a stand-alone regional input-output model.

Table 24 Regional Economic Impacts – Summary

Variables	Construction Phases	Operations Phase	Closure	Total	Regional Impacts Proportion
person-years					
1- Jobs	**887**	**9,377**	**115**	**10,379**	**13%**
Employees	872	8,988	113	**9,973**	13%
Other workers	15	389	2	**406**	9%
$million (in 2025 prices)					
2- Value added at basic prices	**124.1**	**1,162.2**	**57.0**	**1,343.3**	**12%**
Wages and salaries before tax	79.1	834.6	35.5	**949.2**	15%
Gross mixed income	4.7	39.3	2.9	**46.9**	6%
Other gross income before tax	40.3	288.3	18.6	**347.2**	9%

Source: WSP, derived from ISQ (2026) provincial results using the regional allocation method described in Section 2.2.

Bibliography

G Mining Services Inc. (2025). CV5 Pegmatite Lithium-Only Feasibility Study - NI 43-101 Technical Report - Shaakichiuwaanaan Project. Prepared for PMET Resources Inc. Effective Date: October 20, 2025. Issue Date: November 14, 2025.

Institut de la statistique du Québec (ISQ) (n.d.). Études d'impact économique. https://statistique.Québec.ca/fr/institut/services-offerts/etudes-impact-economique (last accessed on March 4 2026).

MARCHAND, Guillaume (2023). Le modèle intersectoriel du Québec. Fonctionnement et applications. Édition 2023, [En ligne], Québec, Institut de la statistique du Québec, 63 p. [https://statistique.Québec .ca/fr/fichier/le-modele-intersectoriel-du-Québec -fonctionnement-et-applications-edition-2023.pdf].

Institut de la statistique Québec (ISQ) (2026). Simulation d'impact économique pour le Québec. Étude réalisée pour WSP.