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Impala Canada
Lac des Iles Mines Ltd.

2021 Exploration Assessment Report
on the
Camp Lake Project
Lac Des Iles Property

Lease # 107911 (CLM 252) & Lease # #107909 (CLM 253)

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Introduction

Impala Canada and its wholly owned predecessor, Lac des Iles Mines Ltd. (LDIM) completed seven diamond drill holes, totalling 8,179 meters on the Camp Lake Project at the Lac des Iles (LDI) mining operation.

One drill contractor was used for this drill program. G4 Forage, based from Val d’Or, Quebec, supplied one drill to complete the program from April 15th, 2021 to January 23rd, 2022, totaling 288 days of drilling.

The Camp Lake Target is an area south of the Camp Lake Fault that has the potential to host palladium deposits similar to the Offset and Roby Deposits. The area was inadequately tested in 2020 and previous historic drilling left the area largely untested as holes drilled from surface are in excess of 1000 meters and the Camp Lake Fault can prove difficult to drill. The objective of this program was to further discover high-grade palladium mineralization in the Camp Lake Block after successful high-grade intercepts were intercepted in early 2021 drilling.

This report is submitted to satisfy assessment work requirements. A total expenditure of \$1,724,390.56 is submitted for assessment. Activities documented herein include:

- 8,179 meters in 7 diamond drill holes
- 6,232 samples submitted for assay

Land Tenure, Location, and Access

The Lac Des Iles Mine is located approximately 90 kilometers north of Thunder Bay in Northwestern Ontario (Figure 1). The project is part of the Thunder Bay Mining District on provincial NTS grid 52H04H and 52H04I. To access the site from Thunder Bay, head north approximately 90 kilometers on Hwy 527 to the Lac Des Iles Mine Access Road. The access road is fifteen kilometers in length and leads to a manned security entrance. The drill rig was located underground and operated from two levels, 1065 and 1080 Level (see Figure 2).

This report, submitted to obtain assessment work credit, details the results of diamond drilling on a mining lease. Lac des Iles Mines Ltd. holds the mining and surface rights for CLM 252 and CLM 253 under a 21-year lease with an expiry date of August 31st, 2027. Leases and Claims held by Impala Canada are shown in Table 1 and Figure 3.

Table 1: Impala Canada Mining Leases at Lac des Iles.

Claim No.	Parcel	Area (ha)	Lease No.	Due Date	Annual Taxes (\$)	Comments
CLM251	2982L TB	235	107910	2027-Aug-31	705	Surface and Mining Rights
CLM252	2983L TB	341.4	107911	2027-Aug-31	1,024	Surface and Mining Rights
CLM253	2985L TB	395.7	107909	2027-Aug-31	1,187	Surface and Mining Rights
CLM254	2984L TB	497.4	107908	2027-Aug-31	1,492	Mining Rights Only
CLM430	2531L TB	348.4	108139	2027-Sep-30	1,045	Surface and Mining Rights
CLM431	2532L TB	1,695.30	108138	2027-Sep-30	5,086	Surface and Mining Rights
Total	6	3,513.20	-	-	10,539	-

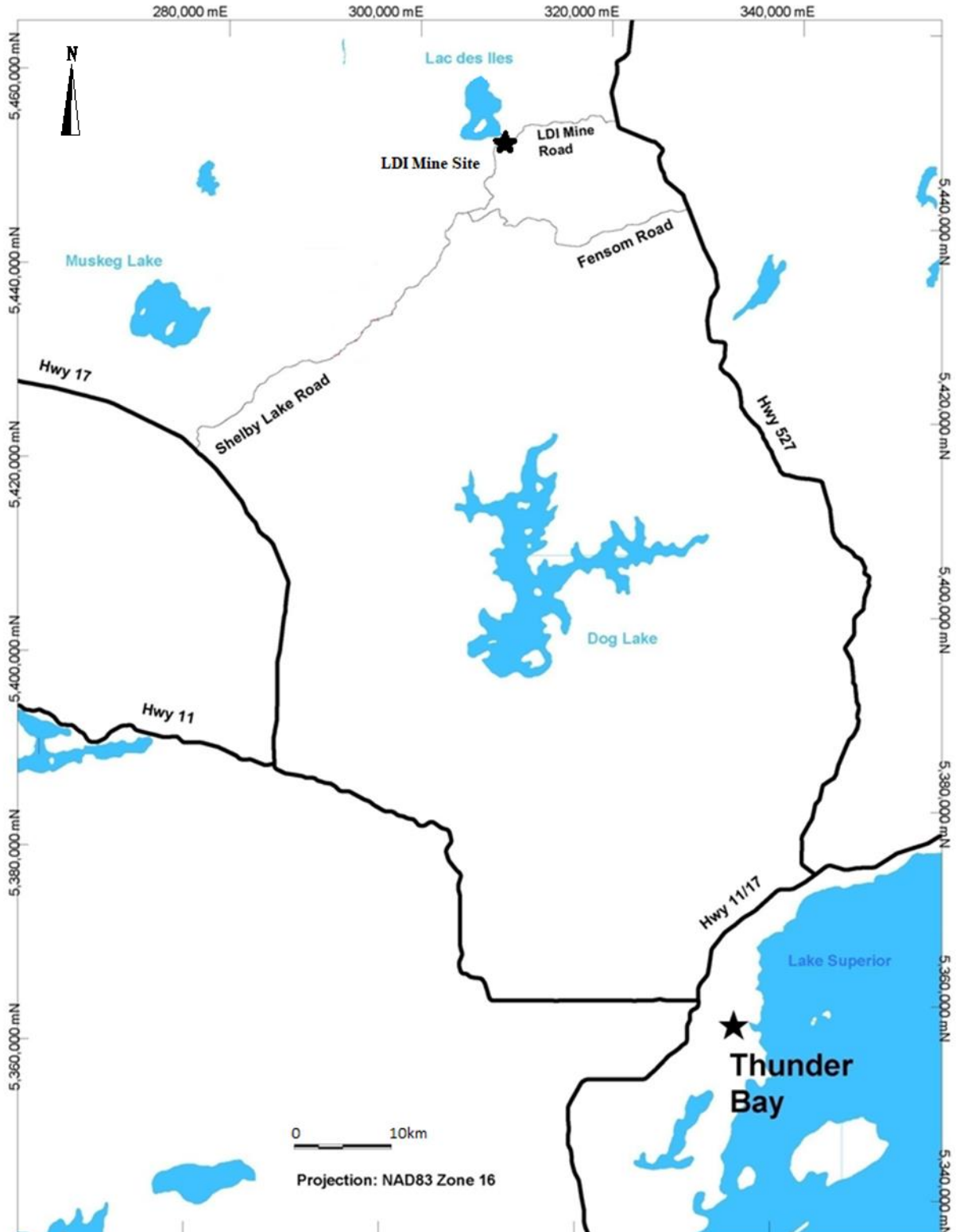


Figure 1: LDI mine property location map.

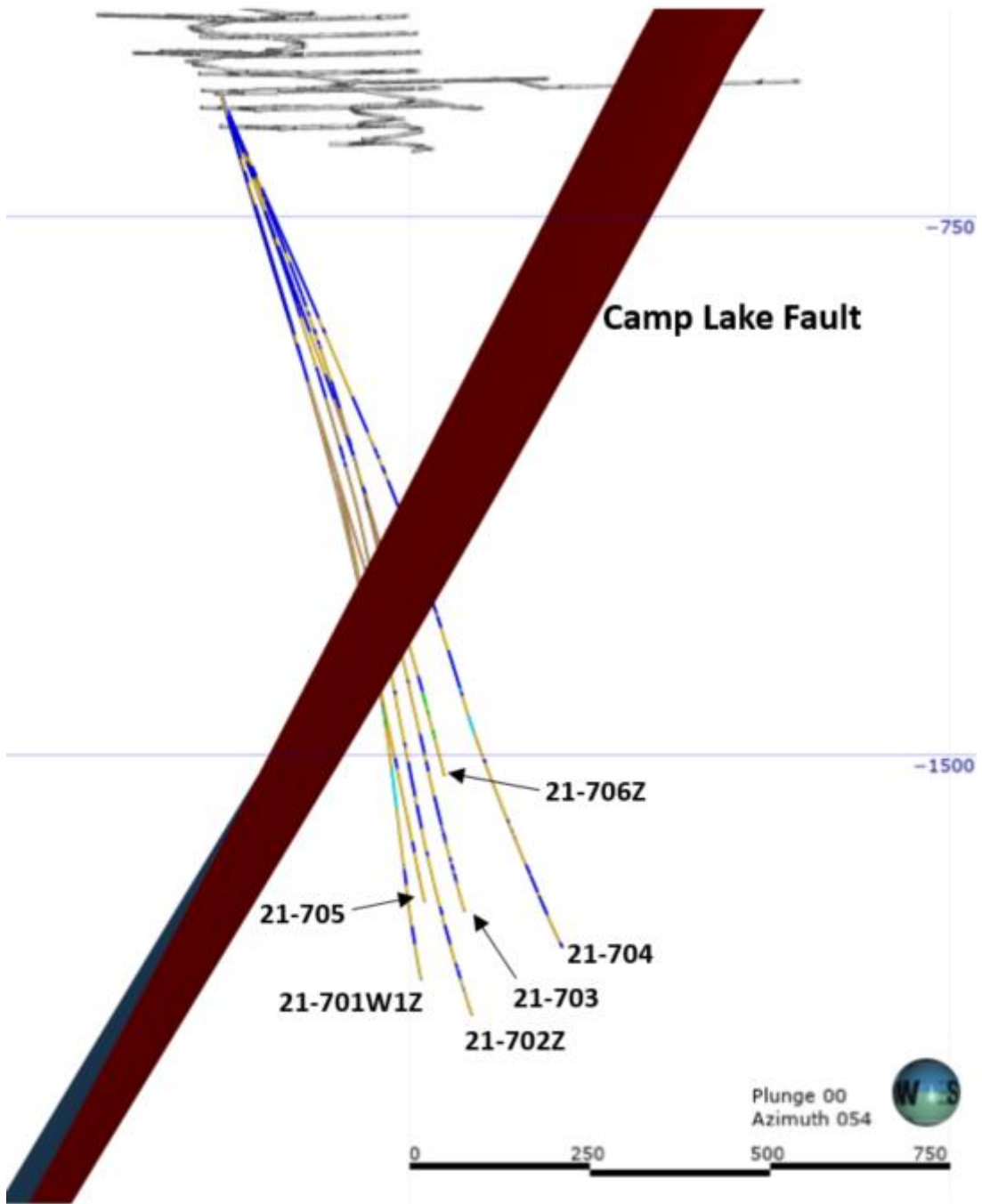


Figure 2: 3D view showing 2021 drill traces, Camp Lake Fault and mine infrastructure. View looking northeast.

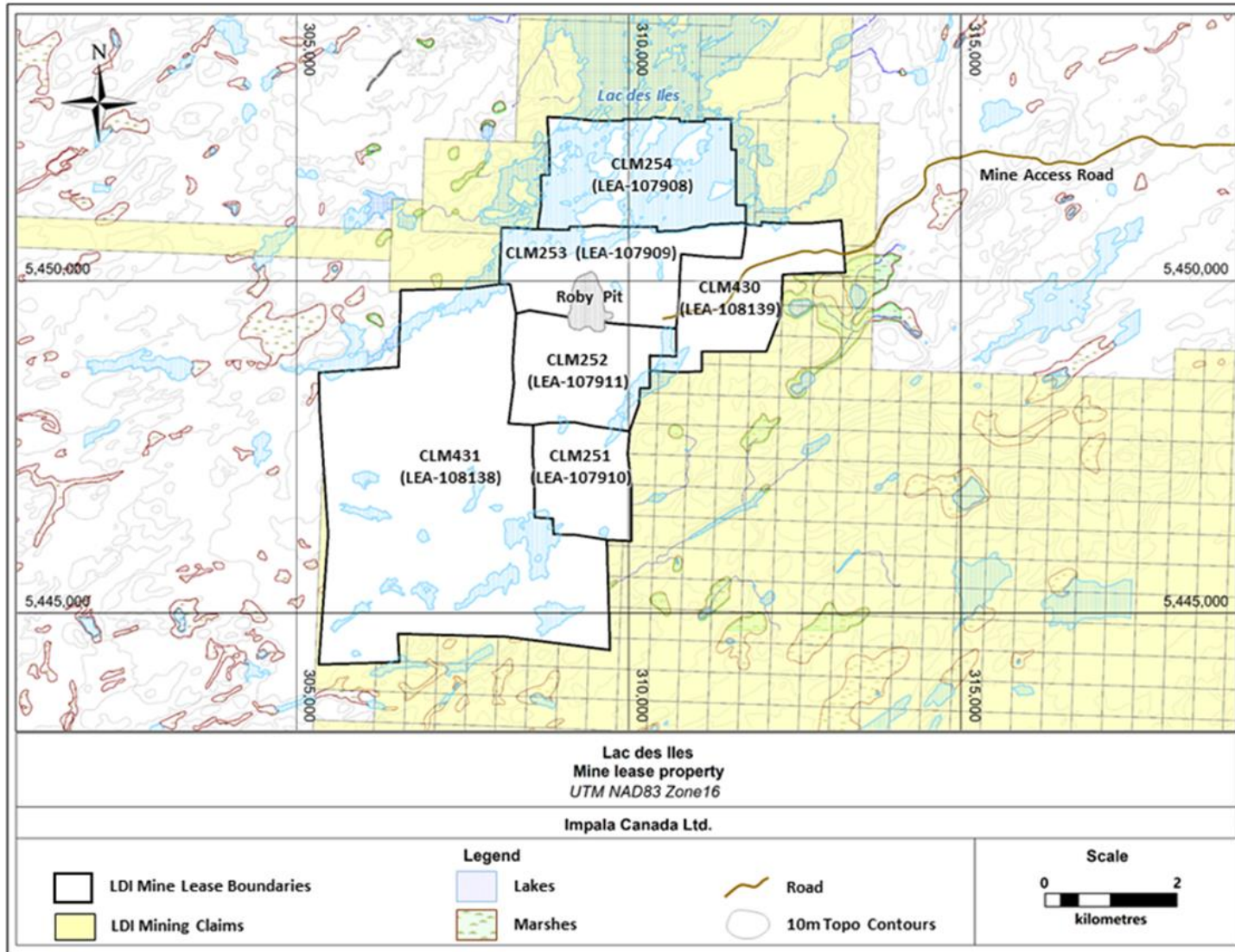


Figure 3: Land tenure of the LDI Mine Property.

Regional Geology

Most of the information presented in this section is sourced from the Open File Report OFR6120 Project Unit 95-014; *Regional Geology of the Lac des Iles Area* (Stone et al. 2003). Information presented here was also sourced from *NI 43-101 Technical Report: Feasibility Study Incorporating the Life of Mine Plan for Lac des Iles Mine, Thunder Bay, Ontario, Canada* (Buss et al. 2017). Additional sources are referenced where appropriate.

The Lac Des Iles mine is located in the eastern part of the Central Wabigoon subprovince of the Archean Superior Structural Province. It is part of the Lac des Iles Suite of Neoproterozoic mafic to ultra-mafic intrusions that occur within an approximately 42 kilometer diameter circular perimeter comprising the Lac des Iles intrusions, the Tib Lake intrusion, the Buck Lake intrusion, the Wakinoo/Demars intrusion, the Bullseye intrusion, the Chisamore Intrusion, Shelby River Intrusion and the Dog River intrusion (see Figure 4). The intrusions are located immediately to the north of the Quetico Subprovince and directly west of the Nipigon embayment of the Mid-continent Rift System. These intrude a series of tonalite and tonalite gneiss, with some biotite granodiorite, granite, and sanukitoid rocks in the immediate area. The Quetico terrain boundary runs SW-NE immediately to the south of these intrusions (Stone 2010).

The easternmost bodies of the Lac des Iles suite of intrusions are the LDI Igneous Complex (LDI-IC) and the Legris Lake complex. Both the LDI-IC and the Legris Lake complex appear to have been emplaced along northeast-trending splay structures (e.g., Shelby Lake fault) emanating from the Quetico Fault Zone (see Figure 4). The Quetico Fault Zone is a collisional structural boundary between the Quetico and Wabigoon subprovinces that formed during the Shebandowanian orogeny at approximately 2695 Ma (Corfu and Stott 1986). Similarly, many of the Lac des Iles suite intrusions located in the western part of the Lac des Iles area are spatially associated with northeast- to north-striking faults that splay off this collisional boundary.

The intrusions range in size from 1 to 10 kilometers and vary compositionally from leucogabbro and gabbro with rare anorthosite to peridotite and pyroxenite. The intrusions crosscut most rock types except for biotite granite dikes and Proterozoic-aged intrusions. Archean rocks are observed to be intruded by Proterozoic-aged (~1100 Ma) diabase dikes and sills of the Nipigon Sill Complex of the Mid-Continent Rift (MCR). They are typically medium grained, massive, and dark grey weathering brown and locally pyroxene phyrlic.

Uranium-lead age determinations for zircons contained in the mafic rocks show that the Lac des Iles suite intrusions were likely emplaced between 2699 and 2686 Ma (Stone and Davis 2006). This age overlaps with regional sanukitoid magmatism in both the Wabigoon Terrane and the Quetico Subprovince.

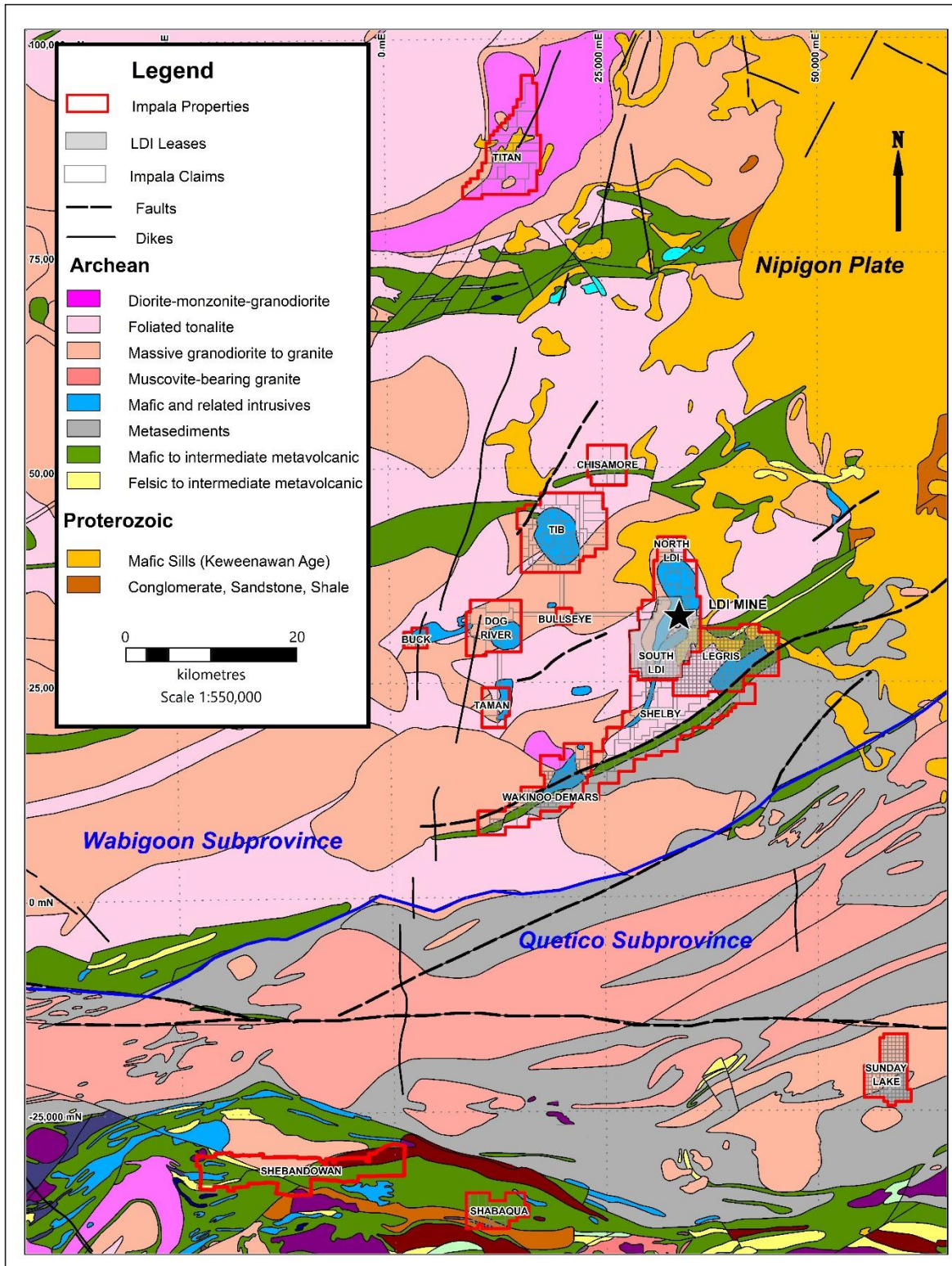


Figure 4: Regional geology of the Lac des Iles suite intrusions.

Property Geology

A recent NAP Technical Report (Buss et al. 2017) describes the LDI mine property as follows:

The Property captures the known extent of the Lac Des Iles Intrusive Complex, an irregularly shaped Neoproterozoic-age mafic-ultramafic intrusive body having maximum dimensions of approximately 9 km in the north-south direction and approximately 4 kilometers in the east-west direction (Figure 5). The complex is interpreted to be made up of three discrete intrusive bodies:

- The North Lac des Iles intrusion (NLDI) characterized by a series of relatively flat-lying and nested ultramafic bodies with subordinate mafic rocks;
- The Mine Block intrusion (MBI); and
- The Camp Lake Intrusion; a poorly exposed/documentated gabbroic to dioritic intrusion, in the southwestern part of the property.

The principal rock types in and adjacent to the LDI Igneous Complex are discussed below with reference to the host intrusion and the property geology map (Figures 5 and 6). The term gabbro or gabbroic is applied as a general indicator of any mafic intrusive rock having a mineral assemblage dominated by plagioclase and pyroxene (either orthopyroxene or clinopyroxene). The 2020 drilling was focused on the Mine Block Intrusion.

Mine Block Intrusion

The MBI is a small, teardrop-shaped mafic complex with maximum dimensions of 3 by 1.5 kilometers with an elongation in an east-northeast direction (see Figure 6). The MBI consists of gabbroic (noritic) rocks and metamorphosed and/or hydrothermally altered equivalents with highly variable plagioclase-pyroxene proportions, textures and structures. Accessory igneous minerals include magnetite and titanium-rich magnetite, ilmenite, and quartz-feldspar granophyre. The MBI was emplaced into predominantly intermediate composition orthogneiss basement rocks. The emplacement age of the MBI has been established by precise uranium-lead zircon methods as 2,689 to 2,693 Ma (Stone and Davis 2006 and references contained therein). The MBI geology is dominated by gabbroic, melanogabbroic and leucogabbroic rock types. The common reference to gabbroic rather than noritic rocks in the many historical reports on the geology of the MBI is a reflection of the continued difficulty in distinguishing the composition of igneous pyroxenes in both outcrop and drill core. This difficulty has resulted in a mixed lithological nomenclature for the MBI in which gabbro, norite, and gabbro-norite rock names have been somewhat interchangeably used. However, recent internal and external research has shown that the majority of the mafic rocks in the MBI, especially those associated with palladium mineralization, have clear noritic affinities such that orthopyroxene (as opposed to clinopyroxene) is the earliest-formed and generally most abundant igneous pyroxene in the rocks. In this way, the MBI has affinities to the mafic portions of better-documented mafic-ultramafic complexes such as the Bushveld Complex in South Africa, the Great Dyke in Zimbabwe and the Stillwater Complex in Montana, USA. In terms of its rock types, textures, and mineralization styles the western part of the MBI is generally analogous to the Platreef Deposit of the northern lobe of the Bushveld Complex (Kinnaird and MacDonald 2005; Kinnaird et al. 2005).

Textural and mineralogical variability is greatest in the outer margins of the MBI, especially along the well-documented western and northern margins that host most of the known palladium resources and

palladium-rich mineralized zones on the property. Commonly observed textures in the noritic marginal units of the MBI include equigranular, fine- to coarse-grained (seriate textured), porphyritic, pegmatitic and varitextured. The interior portions of the MBI consist of more regularly textured and evolved rock types including magnetite gabbro and leucogabbro (see Figure 6).

Varitextured gabbroic (VGAB) units in the northern and western margins locally occur within irregular shaped heterolithic gabbro breccia zones. The most common style of breccia in these areas contains cognate mafic to ultramafic xenoliths of highly variable form and size within a matrix of VGAB. Other styles of igneous breccias are locally observed in the MBI, including those containing abundant basement gneiss clasts and others having a pyroxenitic matrix and leucogabbro and/or VGAB clasts. Internal to the varitextured rim of the western and northern MBI is a foliated medium-grained gabbro referred to as equigranular gabbro (EGAB; formerly named “East Gabbro”). In the westernmost part of the MBI an informally named unit (pyroxenite = PYXT) is commonly developed along the contact between the VGAB unit (footwall side) and the EGAB unit (hanging wall side). In the central parts of both the Roby and Offset zones, the PYXT unit hosts most of the highest-grade palladium mineralization. Recent research has demonstrated that the PYXT unit is a highly sheared, schistose and recrystallized norite to melanorite originally comprising cumulus orthopyroxene, disseminated magmatic sulfides, cumulus and intercumulus plagioclase and minor intercumulus clinopyroxene. The continued use of this informal but petrologically inaccurate name (i.e., PYXT) reflects a decision to maintain consistency in referencing the major geological units in the LDI mine.

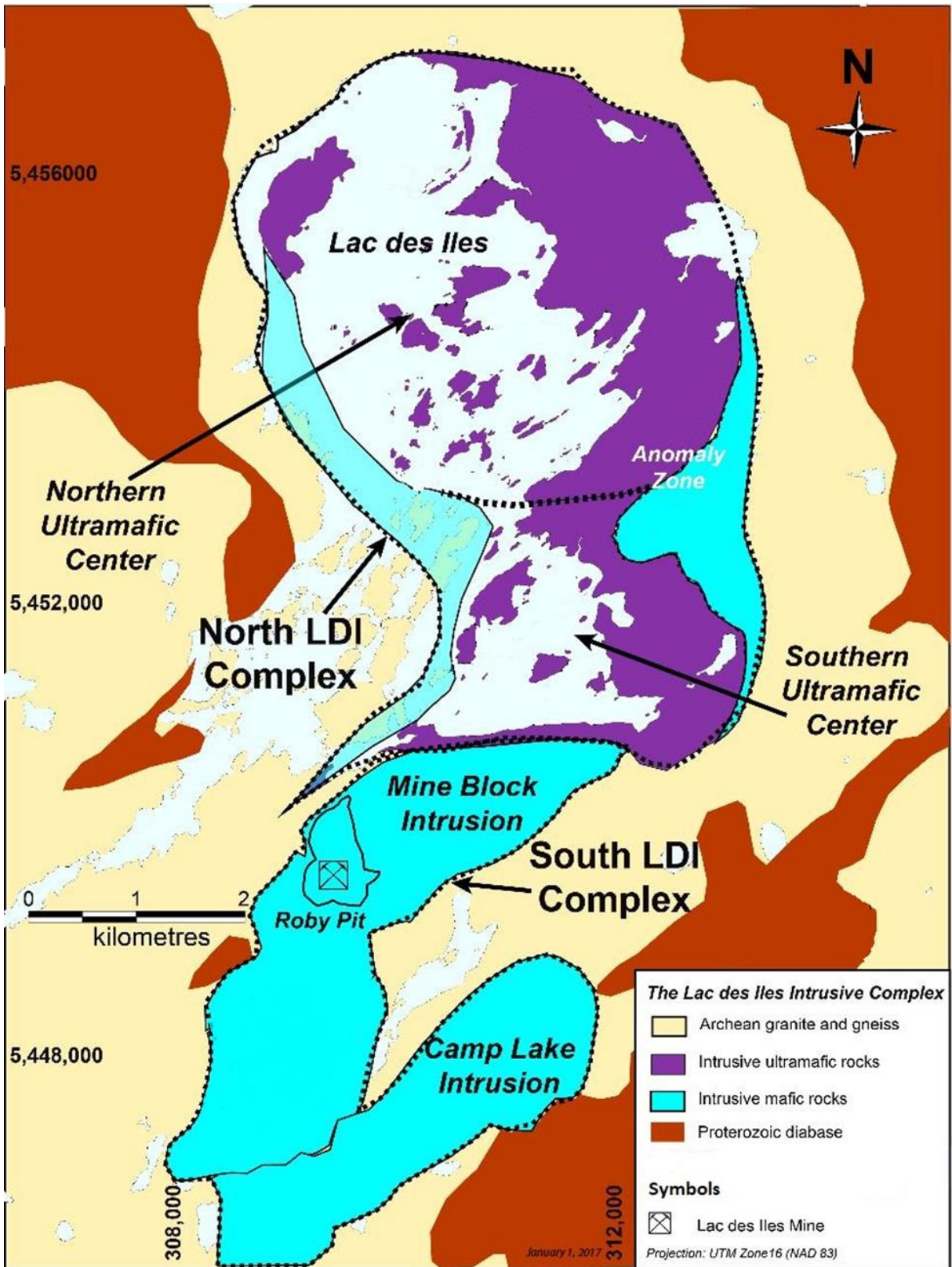


Figure 5: Simplified geology of the LDI intrusive complex (modified from Buss et al. 2017).

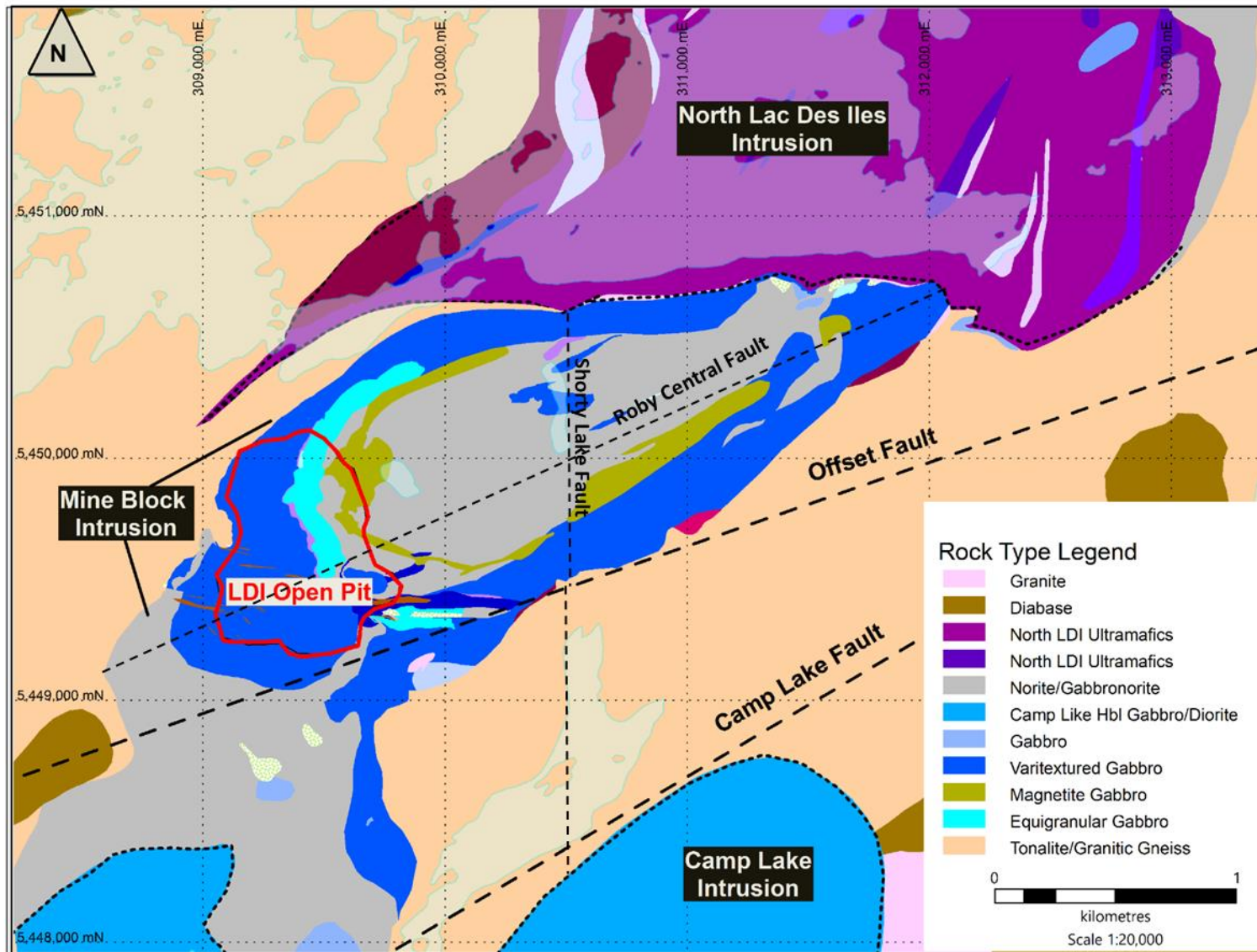


Figure 6: Simplified property geology, (modified from Buss et al. 2017).

Exploration History

1963: Discovery of Cu-Ni sulphide mineralization south of Lac des Iles by W. Baker and G. Moore. (*Lavigne et al, 2005*)

1974: Boston Bay Mining discovers the Roby Zone in surface drill holes

1986: Geological Mapping and studies by *Sutcliffe, Sutcliffe and Sweeny* and others.

1993: Madeleine Mines changes name to North American Palladium (NAP). Open pit mining at commences at Lac Des Iles.

2000: 63 diamond drill hole program conducted by NAP. Offset Zone discovered.

2001: Major expansion to mining operations (~50,000 tpd) and milling (~16,000tpd.) (*Tait, 2012.*)

2004: Underground development commences.

2006: Underground commercial production achieved (mining Roby Zone).

2008: Lac Des Iles Mine put on care and maintenance because of depressed commodity prices.

2010: Lac Des Iles restarts operations in May.

2012: NAP flies a VTEM and airborne magnetic survey over the LDI suite of properties, including the Mine Block Intrusion.

2013: Roby Zone open pit activities cease.

2014: Construction of 825 meter deep shaft was completed. 3 holes were drilled into the Camp Lake area, one hole intersected mineralization on the South side of the Camp Lake Fault (14-974).

2015: Ground magnetic survey conducted by Abitibi Geophysics, south the Roby Open Pit. Two drill holes from 2014 were extended and intersected mineralization in the Camp Lake Block (15-14-911EXT, 15-14-918w1ext).

2016: Start of transition from a long hole stoping to a sub level shrinkage (SLS) mining method. Production from the upper levels of SLS was achieved in the second half of 2016. Exploration completes 37 drill holes- primarily conversion drilling of the Lower Offset Zone and B2 Zone infill & expansion.

2017: Conversion to the SLS mining method in the Lower Offset Zone completed. Exploration completes 16 underground diamond drill holes- 4 targeting Mystery Zone, 8 targeting Lower Offset.

2018: Exploration completes a total of 61 diamond drill holes – 24 targeting Offset South, 15 targeting Offset Footwall, 4 targeting Texas Gulf, 9 targeting Creek Zone, 4 targeting Baker Zone, and 6 targeting Legris Lake.

2019: Exploration completes a total of 166 diamond drill holes. Areas targeted include: Offset Deep Footwall, Mystery Zone, B5, C Zone, B2, East Mine Block, Southwest Roby Extension, and 2 diamond drill holes into the Camp Lake Block. One hole intercepted prospective lithologies and mineralization past the Camp Lake Fault (19-702Z). North American Palladium Ltd. acquired by Impala Platinum Holdings Ltd., forming Impala Canada Ltd.



2020: Impala Canada Exploration completes a total of 156 diamond drill holes. Areas targeted include: East Mine Block, C Zone, Offset Northeast, Offset South, and five diamond drill holes into the Camp Lake Target. One Camp Lake hole intersected prospective lithologies and mineralization past the Camp Lake Fault (20-705).

2021: Impala Canada Exploration completes a total of 120 diamond drill holes. Areas targeted include: Alpha Target, Offset South, Offset Northeast, SGS Targets, C Zone, B3, Offset Lower Central, and eight diamond drill holes into the Camp Lake Target. Several Camp Lake holes intersected prospective lithologies and favourable mineralization past the Camp Lake Fault.

Exploration Plans and Permits

Exploration activities for the 2021 Camp Lake exploration program lie on Mining Lease 107911 and 107909 (CLM 252 and 253). No permit was required for this program as all work on the property is subject to the Lac des Iles Mine Closure Plan.

2021 Diamond Drilling

One drill contractor completed six diamond drill holes totaling 8,179 meters. G4 Forage, based from Val d'Or, Quebec supplied one drill to complete the program and the drill operated for 288 days in total. Upon completion of a drill hole, a Lac Des Iles Mine Site employee or G4 Forage employee would conduct a downhole survey using a Reflex SPRINT-IQ tool. The drill contractor cemented the first three meters of all drill holes. Drill hole location details are summarized in Table 2 and shown in Appendix C.

The objective of this program was to further discover potential mineralized zones in the Camp Lake Block after the successful high grade palladium intersection encountered in 21-700Z. It is interpreted that the Camp Lake Target represents the continuation of the north-south striking, sub-vertical mineralization in the Roby and Offset Zones. In 2020, the Camp Lake Fault was remodelled using additional drilling data and the current interpretation suggests the fault strikes SW (239°) and dips steeply (60°) to the northwest. Mineralization intersected in historical drillholes and modelling of the lithology suggests that the fault is a reverse fault and the lateral movement is dextral. This program tested one area south of the Camp Lake Fault. Each drill hole was drilled from 1080 level.

Results of the drilling program are summarized below with drill logs provided in Appendix B and plan maps and cross sections provided in Appendix C. Drill core was brought up in the shaft and delivered to the logging area by G4 Forage and by Lac Des Iles Mine Site employees. Each box was laid out in order, logged using Datamine DHLogger software, and photographed by a geologist prior to the core being sawn and sampled using appropriate QAQC methods. Buss et al. (2017) provides a more detailed review of protocols utilized by the Exploration department. Exploration personnel delivered samples to ALS Laboratories in Thunder Bay where they were processed and then sent to Vancouver for analysis. A total of 6,232 samples were submitted for assay (5,750 samples and 482 certified reference standards or blanks), with totals for each hole outlined in Table 3. Assay highlights for the 2021 drill program are included in Table 4, with assay certificates in Appendix D.

Table 2: Diamond drillhole details. Co-ordinates reported in UTM NAD 83, Z16.

Hole ID	Easting	Northing	Elevation	Azimuth	Dip	Depth (m)
21-701Z	309248.89	5449444.94	-581.85	190.86	-67.3	846
21-701W1Z	309248.89	5449444.94	-581.85	195.60	-66.5	1352
21-702Z	309248.89	5449444.94	-581.85	189.63	-60.8	1452
21-703	309249.05	5449444.68	-583.24	185.53	-60.1	1308
21-704	309248.70	5449444.96	-582.76	189.61	-58.7	1401
21-705	309248.39	5449444.97	-582.76	202.73	-58.9	1302
21-706Z	309248.74	5449445.98	-580.80	195.66	-57.4	1107

Table 3: Total samples submitted from the 2021 diamond drilling program.

Hole ID	Number of core Samples sent for assay (ALS)	Number of standards sent for assay (ALS)	Total number of samples
21-701Z	494	41	535
21-701W1Z	580	49	629
21-702Z	1123	94	1217
21-703	1077	91	1168
21-704	1206	100	1306
21-705	622	52	674
21-706Z	648	55	703
Total	5,750	482	6,232



Figure 7: Camp Lake Drill Traces projected to surface over infrastructure (1:3500 scale, NAD 83/Z16).

Results

21-701Z

Purpose: This drill hole was designed to test the gap between 20-705 and 21-700Z spaced roughly 50 meters between the two. In the Offset Block, the highest-grade mineralization is found in the pyroxenite unit, at the hanging wall contact with the equigranular gabbro. To the south, the pyroxenite unit pinches out and the grade decreases. Working with this model, it was interpreted that 21-701Z may intersect higher-grade pyroxenite core to the north of the mineralized zone from 21-700Z.

21-701Z collared into an altered norite before intercepting a mafic dike 16.35-38.08 meters depth. Following the mafic dike, an extensive varitextured gabbro extended to 344.85 meters depth. A smaller varitextured norite was observed in the extensive varitextured gabbro at 217-275.83 meters depth. A small tonalite lithology was intersected 344.85-363.95 meters depth before returning to varitextured gabbro until the tonalite contact occurred at 405.40 meters depth. Tonalite was crosscut by mafic to intermediate dikes until the Camp Lake Fault was intersected at 775-780.33 meters depth. Post-fault was dominated by melanonorite until the hole terminated at 846 meters depth.

This hole deviated significantly in the first five meters which was likely a result of drilling into the first two runs of the previous hole. If it continued on this trajectory, it would have tracked further east than anticipated. This hole was abandoned however, due to losing it in the Camp Lake Fault. No significant palladium assays were returned in the Camp Lake Block.

21-701W1Z

Purpose: This drill hole was a second attempt at the 21-701Z target.

21-701W1Z collared into an extensive tonalite with occasional crosscutting intermediate dikes until reaching the Camp Lake Fault at 785.90-787 meters depth. Following the fault, a melanonorite extended to 913.13 meters depth. An extensive equigranular gabbro was observed to 943.04 meters before returning to a dominantly melanonorite lithology to 1019.45 meters depth, crosscut by felsic and mafic dikes. A small, strongly foliated pyroxenite was observed at 946-957 meters depth. Equigranular gabbro was present again at 1019.45-1082.24 meters followed by an extensive interval of fresh to strongly chlorite-actinolite altered melanorite. A magnetic mafic dyke at 1173.67-1176.35 meters separated the upper melanonorite and a lower norite unit. This norite unit was continuous to 1294.50 meters depth before becoming classified as a melanonorite to the end of hole at 1352 meters depth.

This hole deviated more than expected after the fault and ended up approximately 90 meters north of the high-grade intercept in 21-700Z. 21-701W1Z intersected low-grade mineralization in the Camp Lake Block with the most significant assay returned as 2 meters at 3.12 g/t palladium. This mineralization was hosted in a varitextured gabbro and described as blebby pyrite-chalcopyrite-pyrrhotite.

21-702Z

Purpose: This drill hole was designed to test the vertical extension of high grade mineralization intersected in drillhole 21-700Z and to extend the strike length of the Camp Lake Zone. If this hole was

successful, it would extend the mineralized zone upwards approximately 150 meters and extend the strike length of the zone by roughly 100 meters.

21-702Z collared into a varitextured gabbro and alternated with fresh and altered norite until the tonalite contact at 483.60 meters depth. Varitextured gabbro was the dominant lithology before the tonalite. A few instances of crosscutting mafic and felsic dikes occurred and one phase of leucocratic gabbro was recorded at 296.37-299.76 meters depth. Tonalite extended to 820.10 meters depth where the Camp Lake Fault was intercepted. Following the fault, 21-702Z dominantly encountered melanonorite alternating with lesser intervals of varitextured norite to 1103.66 meters depth. A coarse-grained gabbro was then intercepted before the hole continued in alternating intervals of varitextured gabbro, norite and melanonorite. Mafic and intermediate dikes crosscut the norite units until the hole was terminated at 1452 meters depth.

This hole deviated significantly and as a result, intercepted approximately 90 meters northwest of the intended pierce point. This was near the planned pierce point of 21-701Z so the hole still tested an area of interest. 21-702Z intersected high-grade palladium mineralization in the Camp Lake Block with 234 meters at 2.42 g/t palladium including 82.7 meters at 4.35 g/t palladium. This mineralization was hosted in a variety of lithologies however, mostly in varitextured gabbro and norite. Mineralization styles exhibited a range with the most prospective being both blebby and fine-grained disseminated chalcopyrite-pyrrhotite.

21-703

Purpose: This drill hole was designed to test the target of 21-702Z as 21-702Z deviated significantly from the pierce point.

21-703 collared into a varitextured gabbro which alternated with fresh and altered norite lithologies until the tonalite contact at 505.48 meters depth although, varitextured gabbro was the dominant lithology. Varitextured gabbro lithologies were observed in the tonalite block in addition to several intermediate dikes. Tonalite extended to 828 meters depth where the Camp Lake Fault was intercepted until 830.80 meters depth. Following the Camp Lake Fault, norite and melanonorite were the dominant lithologies to 1025 meters depth where alternating sequences of varitextured gabbro, norite and melanonorite occurred until the end of the hole at 1308 meters depth.

21-703 deviated 75 meters northwest from the planned hole trace at the pierce point. Despite deviating from the pierce point, 21-703 intercepted high-grade palladium mineralization in the Camp Lake Block returning 262.2 meters at 2.55 g/t palladium including 40 meters at 4.05 g/t palladium. This mineralization was hosted in varitextured gabbro and norite with mineralization associated with blebby or fine-grained disseminated chalcopyrite-pyrrhotite.

21-704

Purpose: This drillhole was designed to test the vertical extension of high grade mineralization intersected in drillhole 21-700z and to extend the strike length of the Camp Lake Zone by roughly 100 meters.

21-704 collared into varitextured gabbro alternating with norite and varitextured gabbro with occasional crosscutting mafic and intermediate dikes until the tonalite contact at 700 meters depth. The Camp Lake Fault was intercepted at 756.47-758.60 meters depth. The Camp Lake Block was mostly composed of alternating sequences of norite and varitextured gabbro with occasional instances of equigranular gabbro and crosscutting dikes. A few zones of increased mineralization occurred in both norite and varitextured gabbro with best mineralization typically near their contacts. The hole was terminated in a varitextured gabbro at 1401 meters depth.

21-704 tracked relatively well despite a “corkscrew effect” and plotted within 20-30 meters from the planned trace at end of hole. 21-704 intercepted high-grade palladium mineralization in the Camp Lake Block with 117 meters at 2.44 g/t palladium including 49 meters at 3.29 g/t palladium. This mineralization was hosted in varitextured gabbro and norite, and was described as 0.1-3% disseminated to blebby chalcopyrite, pyrite and pyrrhotite.

21-705

Purpose: This drillhole was designed to test the vertical extension of high grade mineralization intersected in 21-700z, 21-702z and 21-703 and to extend the strike length of the Camp Lake Zone southwest.

21-705 collared into alternating intervals of norite and varitextured gabbro with crosscutting mafic, intermediate and felsic dikes until the tonalite contact at 491.16 meters depth. The Camp Lake Fault followed the tonalite and extended from 895.2-900 meters depth. The Camp Lake Block consisted of a weakly mineralized norite, with patches of varitextured gabbro and crosscutting dikes. The hole was terminated in norite at 1302 meters depth.

21-705 deviated 45 meters north-northwest from the planned hole trace at the pierce point. 21-705 intercepted low-grade palladium mineralization in the Camp Lake Block with 20 meters at 0.84 g/t palladium including 7 meters at 1.39 g/t palladium. This mineralization was hosted in varitextured gabbro and norite, and was described as 0.1% disseminated chalcopyrite, pyrite and pyrrhotite.

21-706Z

Purpose: This drillhole was designed to extend the known mineralized zone approximately 100 meters south west of 21-703.

21-706Z collared into a norite unit and continued in alternating intervals of norite and varitextured gabbro until 502.77 meters depth where tonalite is present. Tonalite continued until the Camp Lake Fault at 846.29 meters depth. Post fault lithology included norite followed by an ultramafic unit – presumed to be a serpentinized olivine-pyroxenite. Norite, varitextured gabbro and felsic dikes were present again until 975.92 meters depth where another interval of the ultramafic serpentinized olivine-pyroxenite was observed. The hole was terminated at 1107 meters depth in a norite to melanorite unit.

This hole was terminated before the planned depth due to drilling error and 18 meters of steel drilling rods stuck at the bottom of the hole. A wedge was planned (21-7061W1Z) to re-attempt intersecting the target zone. 21-706Z intercepted high-grade palladium mineralization in the Camp Lake Block with 33



meters at 3.15 g/t palladium including 15 meters at 3.98 g/t palladium. This mineralization was hosted in varitextured gabbro, norite and olivine-pyroxenite and was described as 0.1-0.5% disseminated to blebby chalcopyrite, pyrite and pyrrhotite.

Table 4: Assay Highlights from the 2021 Camp Lake drill program.

Hole ID	Nested	From	To	Length (m)	Pt (g/t)	Pd (g/t)	Au (g/t)	3PGE	Ni	Cu
21-700z		840.0	850.0	10.0	0.30	2.33	0.10	2.73	0.07	0.04
21-700z	<i>incl.</i>	840.0	842.0	2.0	0.48	3.98	0.17	4.63	0.09	0.06
21-700z		909.9	915.0	5.1	0.17	1.35	0.04	1.55	0.05	0.04
21-700z	<i>incl.</i>	1040.1	1041.5	1.4	0.40	2.73	0.07	3.20	0.09	0.09
21-700z		1137.8	1211.0	73.2	0.65	5.33	0.49	6.47	0.18	0.15
21-700z	<i>incl.</i>	1158.0	1203.0	45.0	0.80	6.74	0.71	8.26	0.21	0.19
21-700z	<i>with</i>	1162.8	1173.0	10.3	1.14	10.78	1.10	13.02	0.28	0.25
21-700z		1218.0	1276.0	58.0	0.32	2.43	0.29	3.04	0.12	0.10
21-700z	<i>incl.</i>	1219.0	1227.0	8.0	0.64	5.01	0.65	6.30	0.20	0.22
21-700z		1299.1	1312.0	12.9	0.37	3.16	0.23	3.75	0.10	0.07
21-700z	<i>incl.</i>	1299.1	1303.0	3.9	0.64	5.59	0.41	6.64	0.12	0.10
21-701W1Z		944.0	947.0	3.0	0.21	1.69	0.10	2.00	0.10	0.09
21-701W1Z	<i>incl.</i>	944.0	945.0	1.0	0.31	2.83	0.07	3.21	0.14	0.12
21-702z		69.0	97.0	28.0	0.17	1.14	0.04	1.35	0.07	0.06
21-702z	<i>incl.</i>	74.0	75.0	1.0	0.83	5.80	0.08	6.71	0.26	0.29
21-702z		922.0	944.0	22.0	0.14	1.04	0.07	1.26	0.06	0.02
21-702z	<i>incl.</i>	937.0	938.6	1.6	0.40	3.23	0.20	3.83	0.08	0.04
21-702z		993.0	1227.0	234.0	0.30	2.42	0.25	2.97	0.10	0.07
21-702z	<i>incl.</i>	1021.0	1103.7	82.7	0.55	4.35	0.48	5.38	0.15	0.12
21-702z	<i>with</i>	1021.0	1064.0	43.0	0.78	6.29	0.66	7.73	0.18	0.14
21-702z	<i>and</i>	1037.0	1059.0	22.0	1.16	9.58	0.97	11.71	0.24	0.19
21-702z	<i>and</i>	1046.0	1059.0	13.0	1.43	11.92	1.21	14.56	0.30	0.24
21-703		871.0	952.0	81.0	0.23	1.79	0.18	2.20	0.09	0.05
21-703	<i>incl.</i>	882.0	893.0	11.0	0.36	3.11	0.34	3.80	0.12	0.08
21-703	<i>incl.</i>	898.0	936.0	38.0	0.30	2.31	0.23	2.83	0.10	0.07
21-703	<i>with</i>	916.0	917.0	2.0	0.70	5.31	0.54	6.54	0.18	0.15
21-703		997.0	1259.2	262.2	0.31	2.55	0.24	3.10	0.09	0.08
21-703	<i>incl.</i>	1077.0	1117.0	40.0	0.51	4.05	0.40	4.96	0.14	0.11
21-703	<i>with</i>	1077.0	1097.3	20.3	0.72	5.80	0.59	7.11	0.17	0.15
21-703	<i>with</i>	1085.0	1093.0	8.0	0.99	8.08	0.91	9.99	0.22	0.22
21-703	<i>incl.</i>	1203.0	1228.0	25.0	1.09	9.46	0.88	11.44	0.28	0.27
21-703	<i>with</i>	1215.0	1220.0	5.0	1.63	14.02	1.59	17.24	0.40	0.01
21-703	<i>incl.</i>	1233.0	1247.7	14.7	0.47	3.87	0.35	4.70	0.14	0.14
21-703	<i>with</i>	1233.0	1240.0	7.0	0.67	5.59	0.47	6.73	0.18	0.20
21-704		830.2	932.0	101.8	0.19	1.58	0.10	1.88	0.10	0.06
21-704	<i>incl.</i>	859.0	893.0	34.0	0.35	2.94	0.22	3.51	0.08	0.07
21-704	<i>with</i>	859.0	864.0	5.0	0.42	3.54	0.26	4.23	0.09	0.07
21-704	<i>incl.</i>	868.0	889.0	21.0	0.43	3.58	0.27	4.27	0.09	0.08
21-704	<i>with</i>	868.0	876.0	8.0	0.50	4.33	0.34	5.17	0.10	0.09

21-704	<i>and</i>	882.0	889.0	7.0	0.54	4.63	0.33	5.50	0.10	0.10
21-704		1040.0	1044.0	4.0	0.44	3.21	0.31	3.96	0.13	0.13
21-704		1056.7	1065.0	8.3	0.29	2.09	0.23	2.60	0.11	0.09
21-704		1190.6	1396.0	205.4	0.22	1.78	0.14	2.15	0.08	0.05
21-704	<i>incl.</i>	1195.0	1312.0	117.0	0.31	2.44	0.20	2.94	0.10	0.06
21-704	<i>with</i>	1195.0	1205.0	10.0	0.32	2.76	0.26	3.34	0.11	0.07
21-704	<i>and</i>	1263.0	1312.0	49.0	0.42	3.29	0.23	3.95	0.10	0.08
21-704	<i>with</i>	1263.0	1295.0	32.0	0.50	3.99	0.28	4.77	0.11	0.09
21-704	<i>and</i>	1263.0	1276.0	13.0	0.63	4.92	0.39	5.93	0.12	0.12
21-705		909.0	929.0	20.0	0.10	0.84	0.09	1.02	0.07	0.04
21-705	<i>incl.</i>	922.0	929.0	7.0	0.14	1.39	0.14	1.67	0.08	0.05
21-705		1221.0	1222.0	1.0	0.67	4.29	0.41	5.37	0.24	0.26
21-706Z		846.3	1107.0	260.7	0.22	1.72	0.14	2.08	0.10	0.05
21-706Z	<i>incl.</i>	846.3	879.0	32.7	0.14	1.08	0.10	1.31	0.08	0.04
21-706Z	<i>incl.</i>	886.0	919.0	33.0	0.39	3.15	0.25	3.79	0.14	0.09
21-706Z	<i>and</i>	901.0	916.0	15.0	0.47	3.98	0.29	4.74	0.15	0.13
21-706Z	<i>with</i>	909.0	914.0	5.0	0.61	5.18	0.35	6.14	0.18	0.16
21-706Z	<i>incl.</i>	941.0	956.0	15.0	0.25	1.95	0.12	2.33	0.07	0.05
21-706Z	<i>incl.</i>	962.0	971.0	9.0	0.40	3.10	0.18	3.69	0.10	0.08
21-706Z	<i>incl.</i>	1015.1	1039.0	23.9	0.22	1.71	0.13	2.06	0.08	0.03
21-706Z	<i>with</i>	1017.0	1022.0	5.0	0.41	3.09	0.27	3.77	0.11	0.07
21-706Z	<i>incl.</i>	1062.0	1107.0	45.0	0.30	2.53	0.23	3.06	0.11	0.08
21-706Z	<i>with</i>	1081.0	1103.0	22.0	0.41	3.50	0.32	4.22	0.13	0.11
21-706Z	<i>and</i>	1092	1103	11.0	0.55	4.70	0.46	5.71	0.15	0.13

Conclusions and Recommendations

The 2021 Camp Lake drilling program intersected high-grade palladium mineralization in four of the seven holes drilled. These high-grade intercepts occurred in drill holes 21-702Z, 21-703, 21-704, and 21-706Z – highlighting a north-south striking occurrence. Further drilling should focus on extending the high-grade mineralized zone to the north, closer to the Camp Lake Fault, and to the south, in untested ground. Additionally, further drilling should focus on extending the high-grade mineralized zone higher in elevation while answering if the high-grade zone is a sub-vertical body like Offset Zone. At this time, it is not recommended to test the area west of the current Camp Lake Mineralized Zone due to the patchy, low-grade palladium grade observed in 21-705.

Statement of Expenditures

The total value of work completed for each claim on the 2021 Camp Lake Drilling Project is summarized in Table 5. A more detailed statement of expenditures is summarized in Table 6 and Table 7.

Table 5: Statement of expenditures for claims on the Camp Lake drill program

Total Costs		Total Costs	
Personnel (LDI & Contractors)	\$160,038.13	Personnel (LDI & Contractors)	\$9,011.58
Food and Accommodation (Camp)	\$68,575.95	Food and Accommodation (Camp)	\$2,519.40
Transportation	\$2,408.75	Transportation	\$176.25
Fuel	\$2,050.00	Fuel	\$150.00
Drilling	\$1,217,279.60	Drilling	\$64,067.35
Assay Analyses	\$188,207.87	Assay Analyses	\$9,905.68
Total Expenditure	\$1,638,560.31	Total Expenditure	\$85,830.25
Meters Drilled		Meters Drilled	
7743	CLM 252	436	CLM 253

Table 6: Detailed allocation of expenditures on the Camp Lake Project CLM 252

Personnel	Days	Cost
Geologist (80 m/day @ \$600/day)	97	\$58,072.50
Geological Technician (100 m/day @ \$495/day)	77	\$38,327.85
Core Cutter (80 m/day @ \$495/day)	97	\$47,909.81
Supervisor (Max Days *.5 @ \$650/day)	48	\$15,727.97
Total Cost		\$160,038.13
Food and Accommodation (Camp)		
	Days	Cost (\$40/day)
Geologist (No. Days)	97	\$3,871.50
GeoTech (No. Days Tech)	77	\$3,097.20
GeoTech (No. Days Saw)	97	\$3,871.50
Supervisor/Manager (No. Days*.5)	48	\$1,935.75
Drill Crew (4 + Supervisor) (288 days)	288	\$57,600.00
Total Days	598	\$68,575.95
Assay Analyses		
Total Cost		\$188,207.87
Transport- Personnel		
FUEL-Personnel Trips To/From Mine (7x7 Rotation, 50L/trip @ \$1.00/L)	16	\$800.00
VEHICLE COSTS-Trips (125km/trip*/.47km for maintenance, insurance, registration, etc.)	16	\$940.00
Total Cost		\$1,740.00

Transport- Samples		
FUEL- Sample Trucks To From Lab (312 samples per trip, 50L/trip @ 1.00/L)	25	\$1,250.00
VEHICLE COSTS (125km/trip*/.47km for maintenance, insurance, registration, etc.)	25	\$1,468.75
Total transport cost		\$2,718.75
Drilling		
Total Cost		\$1,217,279.60

Table 7: Detailed allocation of expenditures on the Camp Lake Project CLM 253

Personnel	Days	Cost
Geologist (80 m/day @ \$600/day)	5	\$3,270.00
Geological Technician (100 m/day @ \$495/day)	4	\$2,158.20
Core Cutter (80 m/day @ \$495/day)	5	\$2,697.75
Supervisor (Max Days *.5 @ \$650/day)	3	\$885.63
Total Cost		\$9,011.58
Food and Accommodation (Camp)	Days	Cost (\$40/day)
Geologist (No. Days)	5	\$218.00
GeoTech (No. Days Tech)	4	\$174.40
GeoTech (No. Days Saw)	5	\$218.00
Supervisor/Manager (No. Days*.5)	3	\$109.00
Drill Crew (4 + Supervisor) (9 days)	9	\$1,800.00
Total Days	27	\$2,519.40
Assay Analyses		
Total Cost		\$9,905.68
Transport- Personnel		
FUEL-Personnel Trips To/From Mine (7x7 Rotation, 50L/trip @ \$1.00/L)	1	\$50.00
VEHICLE COSTS-Trips (125km/trip*/.47km for maintenance, insurance, registration, etc.)	1	\$58.75
Total Cost		\$108.75

Transport- Samples		
FUEL- Sample Trucks To From Lab (312 samples per trip, 50L/trip @ 1.00/L)	2	\$100.00
VEHICLE COSTS (125km/trip*/.47km for maintenance, insurance, registration, etc.)	2	\$117.50
Total transport cost		\$217.50
Drilling		
Total Cost		\$64,067.35

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Statement of Qualifications

KYLE JOHN LUCAS MILLER

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MONTREAL, QC H2V 4A1

1. I, Kyle Miller, am a practicing professional geoscientist in Ontario (PGO #3449)
2. I am a licensed Prospector in the Province of Ontario (#10004148)
3. I graduated with a Bachelor's of Science degree (Honours) in Geological Sciences from Queen's University in 2016.
4. I am currently a Project Geologist for Impala Canada Ltd. And have been continually employed by the company since 2018.

Respectfully submitted,



DATE: March 29, 2023

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Project Geologist
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Appendix A: List of Leases on which work was performed

Lease	Claim No.	Township	Parcel	Land Area (Hectares)	Lease Type	Due Date	Annual Taxes (\$)	Comments
LEA-107911	CLM252	LAC DES ILES	2983L TB	341.4	21 Year Lease	2027-Aug-31	1,024	Surface and Mining Rights
LEA-107909	CLM253	LAC DES ILES	2985L TB	395.7	21 Year Lease	2027-Aug-31	1,187	Surface and Mining Rights

Appendix B: Diamond drill logs



Detailed Log Report
Hole Number 21-701Z

Project Name: LDI - Mine	Primary Coordinates Grid: MINE:	Hole Status: Completed
Project Code: LDI MINE	North: 31,840.28	Length: 846.00
Location:	East: 31,885.79	Hole Size: NQ
Start Date: Apr 15, 2021	Elev: -581.85	Hole Type: DDH
Completed Date: May 08, 2021	Collar Dip: -67.30	Casing: No
Contractor: G4 Forage Drilling	Collar Az: 190.86	Cemented: Yes
Core Storage: Lac des Iles Minesite-cross piles	Destination Coordinates Grid: UTM83-16	Collar Survey: N
Units: METRIC	North: 5,449,444.94	Plugged: N
Start Log: Apr 20, 2021	East: 309,248.89	Multishot Survey: N
End Log: May 27, 2021	Elev: -581.85	Pulse EM Survey: N
Logged By 1: Kyle Miller	Claim: 252	EOH: 846.00
		Artesian Cond: No
		Abandon Reason:

Comments: KM logged to 448.20m Drill Hole: 21-701 was renamed to: 21-701Z through Fusion Client by kchovancak on 2021-06-28 15:58:07

Detailed Lithology

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
0.00	16.35	NOR	HH21-103770	ASSAY	TB21101517	0.00	1.00	1.00	0.115	0.028	0.010	0.012	0.036	0.005
		ALTERED NORITE	HH21-103771	ASSAY	TB21101517	1.00	2.00	1.00	0.198	0.069	0.009	0.010	0.039	0.005
		Medium-green. Moderate-strong pervasive chl-act alt.	HH21-103772	ASSAY	TB21101517	2.00	3.00	1.00	0.248	0.070	0.009	0.010	0.041	0.006
		Medium-grained and equigranular. Occasional	HH21-103773	ASSAY	TB21101517	3.00	4.00	1.00	0.221	0.053	0.011	0.011	0.049	0.007
		leucogabbro phase logged as dikes in structure tab.	HH21-103774	ASSAY	TB21101517	4.00	5.00	1.00	0.449	0.064	0.008	0.008	0.052	0.007
		Trace diss cpy-po mineralization in lgab.	HH21-103775	ASSAY	TB21101517	5.00	6.00	1.00	0.337	0.036	0.011	0.010	0.065	0.008
		Occasional qtz and plag-qtz vl. Mixing of mafic dike	HH21-103776	ASSAY	TB21101517	6.00	7.00	1.00	0.378	0.055	0.008	0.007	0.049	0.006
		material ~14m+ depth until lower contact into mafic	HH21-103777	ASSAY	TB21101517	7.00	8.00	1.00	0.338	0.059	0.011	0.008	0.042	0.005
		dike.	HH21-103779	ASSAY	TB21101517	8.00	9.00	1.00	0.369	0.043	0.007	0.005	0.052	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-103780	ASSAY	TB21101517	9.00	10.00	1.00	0.310	0.087	0.009	0.007	0.028	0.003
			HH21-103781	ASSAY	TB21101517	10.00	11.00	1.00	0.855	0.169	0.019	0.011	0.069	0.008
			HH21-103782	ASSAY	TB21101517	11.00	12.00	1.00	0.437	0.125	0.009	0.009	0.053	0.007
			HH21-103783	ASSAY	TB21101517	12.00	13.00	1.00	0.459	0.072	0.010	0.009	0.062	0.008
			HH21-103784	ASSAY	TB21101517	13.00	14.00	1.00	0.560	0.103	0.007	0.006	0.067	0.008
			HH21-103785	ASSAY	TB21101517	14.00	15.00	1.00	0.588	0.072	0.014	0.014	0.061	0.006
			HH21-103786	ASSAY	TB21101517	15.00	16.35	1.35	0.463	0.057	0.005	0.004	0.041	0.005
16.35	38.08	DIKE-Mafic	HH21-103787	ASSAY	TB21101517	16.35	17.00	0.65	0.015	0.003	0.007	0.017	0.006	0.002
MAFIC DIKE Black and dark green. Weak semi-pervasive/fracture-controlled chl alt. Trace weak selective k alt in trace plag mixing zones. Mafic dike dominantly fine-grained. Trace diss py mineralization with local 0.5-1% ff py. Trace cal vc cpy mineralization. Strong foliation ~25dtca Sharp lower contact ~65dtca			HH21-103788	ASSAY	TB21101517	17.00	18.00	1.00	0.005	0.003	0.005	0.021	0.006	0.003
			HH21-103789	ASSAY	TB21101517	18.00	19.00	1.00	0.002	0.003	0.003	0.019	0.006	0.004
			HH21-103790	ASSAY	TB21101517	19.00	20.00	1.00	0.001	0.003	0.001	0.006	0.003	0.003
			HH21-103791	ASSAY	TB21101517	20.00	21.00	1.00	0.002	0.003	0.004	0.010	0.003	0.003
			HH21-103792	ASSAY	TB21101517	21.00	22.00	1.00	0.003	0.003	0.001	0.011	0.004	0.003
			HH21-103793	ASSAY	TB21101517	22.00	23.00	1.00	0.004	0.003	0.001	0.010	0.003	0.003
			HH21-103794	ASSAY	TB21101517	23.00	24.00	1.00	0.002	0.003	0.001	0.009	0.003	0.004
			HH21-103795	ASSAY	TB21101517	24.00	25.00	1.00	0.013	0.003	0.001	0.009	0.004	0.004
			HH21-103796	ASSAY	TB21101517	25.00	26.00	1.00	0.001	0.003	0.001	0.009	0.004	0.005
			HH21-103797	ASSAY	TB21101517	26.00	27.00	1.00	0.007	0.003	0.008	0.017	0.004	0.004
			HH21-103799	ASSAY	TB21101517	27.00	28.00	1.00	0.050	0.007	0.040	0.030	0.008	0.003
			HH21-103800	ASSAY	TB21101517	28.00	29.00	1.00	0.007	0.003	0.003	0.013	0.004	0.004
			HH21-103801	ASSAY	TB21101517	29.00	30.00	1.00	0.018	0.003	0.002	0.014	0.008	0.003
HH21-103802	ASSAY	TB21101517	30.00	31.00	1.00	0.019	0.003	0.004	0.014	0.004	0.003			
HH21-103803	ASSAY	TB21101517	31.00	32.00	1.00	0.004	0.003	0.010	0.022	0.003	0.003			
HH21-103804	ASSAY	TB21101517	32.00	33.00	1.00	0.002	0.003	0.015	0.020	0.003	0.003			
HH21-103805	ASSAY	TB21101517	33.00	34.00	1.00	0.011	0.003	0.007	0.014	0.004	0.003			
HH21-103806	ASSAY	TB21101517	34.00	35.00	1.00	0.012	0.003	0.017	0.016	0.007	0.003			
HH21-103807	ASSAY	TB21101517	35.00	36.00	1.00	0.006	0.003	0.022	0.029	0.007	0.003			
HH21-103809	ASSAY	TB21101517	36.00	37.00	1.00	0.035	0.003	0.047	0.042	0.011	0.003			
HH21-103810	ASSAY	TB21101517	37.00	38.08	1.08	0.053	0.003	0.022	0.033	0.009	0.003			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
38.08	138.00	GAB-Vt	HH21-103811	ASSAY	TB21101517	38.08	39.00	0.92	0.450	0.110	0.028	0.023	0.040	0.005
		VARITEXTURED GABBRO	HH21-103812	ASSAY	TB21101517	39.00	40.00	1.00	0.365	0.090	0.006	0.004	0.042	0.004
		Green with white plag. Dominantly medium-grained with lesser coarse-grained and fine-grained intervals except ~87-98.50m depth where it becomes dominantly coarse-grained/pegmatitic and possibly loggable as leucocratic. ~99-106m yields extreme alteration and pXRF shows <<Ca therefore possible altered norite. Moderate-extreme pervasive chl-act alt.	HH21-103813	ASSAY	TB21101517	40.00	41.00	1.00	0.258	0.063	0.005	0.005	0.041	0.004
		Dominantly trace mineralization with few phases of up to 1-2% blebby po-cpy mineralization. Occasional felsic, intermediate, and mafic dikes/dikelets.	HH21-103814	ASSAY	TB21101517	41.00	42.00	1.00	0.092	0.032	0.006	0.006	0.026	0.003
			HH21-103815	ASSAY	TB21101517	42.00	43.00	1.00	0.630	0.201	0.016	0.014	0.046	0.005
			HH21-103816	ASSAY	TB21101517	43.00	44.00	1.00	0.314	0.088	0.020	0.018	0.042	0.005
			HH21-103817	ASSAY	TB21101517	44.00	45.00	1.00	0.169	0.067	0.008	0.011	0.035	0.005
			HH21-103818	ASSAY	TB21101517	45.00	46.00	1.00	0.136	0.052	0.007	0.010	0.030	0.004
			HH21-103819	ASSAY	TB21101517	46.00	47.00	1.00	0.213	0.033	0.015	0.024	0.033	0.005
			HH21-103820	ASSAY	TB21101517	47.00	48.00	1.00	0.074	0.014	0.018	0.032	0.030	0.005
			HH21-103821	ASSAY	TB21101517	48.00	49.00	1.00	0.340	0.050	0.015	0.020	0.037	0.005
			HH21-103822	ASSAY	TB21101517	49.00	50.00	1.00	0.250	0.055	0.004	0.004	0.033	0.004
			HH21-103823	ASSAY	TB21101517	50.00	51.00	1.00	0.273	0.062	0.004	0.005	0.035	0.005
			HH21-103824	ASSAY	TB21101517	51.00	52.00	1.00	0.356	0.082	0.007	0.008	0.038	0.005
			HH21-103825	ASSAY	TB21101517	52.00	53.00	1.00	0.287	0.074	0.007	0.008	0.037	0.005
			HH21-103826	ASSAY	TB21101517	53.00	54.00	1.00	0.385	0.086	0.007	0.006	0.036	0.004
			HH21-103828	ASSAY	TB21101517	54.00	55.00	1.00	0.349	0.086	0.007	0.004	0.035	0.004
			HH21-103829	ASSAY	TB21101517	55.00	56.00	1.00	0.763	0.160	0.065	0.044	0.059	0.005
			HH21-103830	ASSAY	TB21101517	56.00	57.00	1.00	0.548	0.096	0.023	0.023	0.051	0.005
			HH21-103831	ASSAY	TB21101517	57.00	58.00	1.00	0.224	0.027	0.015	0.026	0.041	0.005
			HH21-103832	ASSAY	TB21101517	58.00	59.00	1.00	0.289	0.081	0.006	0.016	0.028	0.004
			HH21-103833	ASSAY	TB21101517	59.00	60.00	1.00	0.811	0.111	0.020	0.024	0.061	0.005
			HH21-103834	ASSAY	TB21101517	60.00	61.00	1.00	0.289	0.063	0.009	0.010	0.040	0.004
			HH21-103835	ASSAY	TB21101517	61.00	62.00	1.00	0.321	0.080	0.009	0.011	0.039	0.005
			HH21-103836	ASSAY	TB21101517	62.00	63.00	1.00	0.377	0.101	0.016	0.015	0.046	0.006
			HH21-103837	ASSAY	TB21101517	63.00	64.00	1.00	0.741	0.156	0.038	0.034	0.054	0.004
			HH21-103838	ASSAY	TB21101517	64.00	65.00	1.00	0.288	0.069	0.014	0.014	0.030	0.003
			HH21-103839	ASSAY	TB21101517	65.00	66.00	1.00	0.302	0.057	0.009	0.011	0.036	0.004
			HH21-103840	ASSAY	TB21101517	66.00	67.00	1.00	0.092	0.018	0.009	0.019	0.041	0.006
			HH21-103841	ASSAY	TB21101517	67.00	68.00	1.00	0.141	0.016	0.013	0.020	0.039	0.005
			HH21-103842	ASSAY	TB21101517	68.00	69.00	1.00	0.839	0.092	0.030	0.059	0.070	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-103843	ASSAY	TB21101517	69.00	70.00	1.00	0.149	0.024	0.016	0.031	0.041	0.006
			HH21-103844	ASSAY	TB21101517	70.00	71.00	1.00	0.708	0.103	0.020	0.026	0.050	0.004
			HH21-103845	ASSAY	TB21101517	71.00	72.00	1.00	1.085	0.145	0.048	0.064	0.063	0.005
			HH21-103848	ASSAY	TB21101518	72.00	73.00	1.00	0.831	0.115	0.030	0.046	0.068	0.005
			HH21-103849	ASSAY	TB21101518	73.00	74.00	1.00	1.100	0.124	0.070	0.070	0.096	0.006
			HH21-103850	ASSAY	TB21101518	74.00	75.00	1.00	1.020	0.141	0.048	0.082	0.100	0.006
			HH21-103851	ASSAY	TB21101518	75.00	76.00	1.00	0.467	0.101	0.020	0.048	0.050	0.004
			HH21-103852	ASSAY	TB21101518	76.00	77.00	1.00	0.948	0.201	0.039	0.065	0.074	0.005
			HH21-103853	ASSAY	TB21101518	77.00	78.00	1.00	0.489	0.108	0.010	0.024	0.052	0.004
			HH21-103854	ASSAY	TB21101518	78.00	79.00	1.00	0.451	0.114	0.012	0.082	0.065	0.004
			HH21-103855	ASSAY	TB21101518	79.00	80.00	1.00	0.361	0.080	0.035	0.071	0.079	0.007
			HH21-103856	ASSAY	TB21101518	80.00	81.00	1.00	0.293	0.053	0.018	0.010	0.032	0.004
			HH21-103857	ASSAY	TB21101518	81.00	82.00	1.00	0.579	0.106	0.005	0.008	0.036	0.003
			HH21-103858	ASSAY	TB21101518	82.00	83.00	1.00	1.480	0.196	0.059	0.091	0.081	0.005
			HH21-103859	ASSAY	TB21101518	83.00	84.00	1.00	1.480	0.162	0.038	0.045	0.129	0.007
			HH21-103860	ASSAY	TB21101518	84.00	85.00	1.00	0.476	0.134	0.007	0.008	0.047	0.004
			HH21-103861	ASSAY	TB21101518	85.00	86.00	1.00	0.749	0.134	0.036	0.060	0.075	0.006
			HH21-103862	ASSAY	TB21101518	86.00	87.00	1.00	1.060	0.145	0.025	0.033	0.095	0.005
			HH21-103863	ASSAY	TB21101518	87.00	88.00	1.00	0.683	0.112	0.002	0.003	0.044	0.002
			HH21-103864	ASSAY	TB21101518	88.00	89.00	1.00	0.441	0.104	0.003	0.002	0.031	0.002
			HH21-103865	ASSAY	TB21101518	89.00	90.00	1.00	0.228	0.075	0.001	0.001	0.024	0.002
			HH21-103866	ASSAY	TB21101518	90.00	91.00	1.00	0.281	0.061	0.002	0.003	0.032	0.003
			HH21-103868	ASSAY	TB21101518	91.00	92.00	1.00	1.640	0.204	0.061	0.116	0.135	0.006
			HH21-103869	ASSAY	TB21101518	92.00	93.00	1.00	1.430	0.149	0.007	0.025	0.092	0.004
			HH21-103870	ASSAY	TB21101518	93.00	94.00	1.00	0.664	0.111	0.005	0.013	0.037	0.003
			HH21-103871	ASSAY	TB21101518	94.00	95.00	1.00	0.073	0.023	0.020	0.059	0.016	0.002
			HH21-103872	ASSAY	TB21101518	95.00	96.00	1.00	0.564	0.069	0.023	0.041	0.040	0.003
			HH21-103874	ASSAY	TB21101518	96.00	97.00	1.00	1.280	0.228	0.043	0.056	0.091	0.005
			HH21-103875	ASSAY	TB21101518	97.00	98.00	1.00	0.954	0.189	0.035	0.064	0.074	0.004
			HH21-103876	ASSAY	TB21101518	98.00	99.00	1.00	0.625	0.143	0.017	0.020	0.059	0.005
			HH21-103877	ASSAY	TB21101518	99.00	100.00	1.00	0.390	0.074	0.032	0.023	0.068	0.007
			HH21-103878	ASSAY	TB21101518	100.00	101.00	1.00	0.376	0.069	0.026	0.020	0.064	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-103879	ASSAY	TB21101518	101.00	102.00	1.00	0.393	0.071	0.028	0.020	0.060	0.007
			HH21-103880	ASSAY	TB21101518	102.00	103.00	1.00	0.359	0.075	0.015	0.011	0.054	0.007
			HH21-103881	ASSAY	TB21101518	103.00	104.00	1.00	0.556	0.115	0.037	0.031	0.064	0.007
			HH21-103882	ASSAY	TB21101518	104.00	105.00	1.00	0.470	0.126	0.023	0.015	0.055	0.006
			HH21-103883	ASSAY	TB21101518	105.00	106.00	1.00	0.461	0.111	0.022	0.013	0.046	0.005
			HH21-103884	ASSAY	TB21101518	106.00	107.00	1.00	0.487	0.110	0.039	0.017	0.050	0.005
			HH21-103885	ASSAY	TB21101518	107.00	108.00	1.00	0.614	0.120	0.077	0.038	0.061	0.005
			HH21-103886	ASSAY	TB21101518	108.00	109.00	1.00	0.389	0.094	0.030	0.020	0.049	0.004
			HH21-103887	ASSAY	TB21101518	109.00	110.00	1.00	0.106	0.027	0.009	0.014	0.050	0.006
			HH21-103888	ASSAY	TB21101518	110.00	111.00	1.00	0.271	0.074	0.006	0.009	0.038	0.005
			HH21-103889	ASSAY	TB21101518	111.00	112.00	1.00	0.284	0.076	0.006	0.008	0.039	0.005
			HH21-103890	ASSAY	TB21101518	112.00	113.00	1.00	0.279	0.069	0.005	0.008	0.036	0.005
			HH21-103891	ASSAY	TB21101518	113.00	114.00	1.00	0.263	0.079	0.004	0.008	0.034	0.005
			HH21-103892	ASSAY	TB21101518	114.00	115.00	1.00	0.260	0.076	0.004	0.008	0.033	0.004
			HH21-103893	ASSAY	TB21101518	115.00	116.00	1.00	0.237	0.077	0.003	0.007	0.031	0.004
			HH21-103894	ASSAY	TB21101518	116.00	117.00	1.00	0.255	0.078	0.003	0.007	0.031	0.004
			HH21-103896	ASSAY	TB21101518	117.00	118.00	1.00	0.265	0.091	0.002	0.007	0.027	0.004
			HH21-103897	ASSAY	TB21101518	118.00	119.00	1.00	0.247	0.091	0.005	0.008	0.027	0.004
			HH21-103898	ASSAY	TB21101518	119.00	120.00	1.00	0.253	0.090	0.002	0.007	0.026	0.003
			HH21-103899	ASSAY	TB21101518	120.00	121.00	1.00	0.286	0.088	0.001	0.006	0.024	0.003
			HH21-103900	ASSAY	TB21101518	121.00	122.00	1.00	0.726	0.107	0.015	0.023	0.042	0.003
			HH21-103901	ASSAY	TB21101518	122.00	123.00	1.00	0.272	0.082	0.004	0.008	0.024	0.003
			HH21-103902	ASSAY	TB21101518	123.00	124.00	1.00	0.298	0.099	0.003	0.009	0.028	0.004
			HH21-103903	ASSAY	TB21101518	124.00	125.00	1.00	0.348	0.102	0.003	0.010	0.030	0.004
			HH21-103904	ASSAY	TB21101518	125.00	126.00	1.00	0.378	0.098	0.007	0.012	0.027	0.004
			HH21-103905	ASSAY	TB21101518	126.00	127.00	1.00	0.317	0.078	0.005	0.006	0.028	0.004
			HH21-103906	ASSAY	TB21101518	127.00	128.00	1.00	0.295	0.073	0.004	0.004	0.029	0.004
			HH21-103908	ASSAY	TB21101518	128.00	129.00	1.00	0.305	0.071	0.006	0.007	0.028	0.004
			HH21-103909	ASSAY	TB21101518	129.00	130.00	1.00	0.325	0.070	0.009	0.008	0.028	0.004
			HH21-103910	ASSAY	TB21101518	130.00	131.00	1.00	0.422	0.081	0.009	0.006	0.031	0.004
			HH21-103911	ASSAY	TB21101518	131.00	132.00	1.00	0.408	0.091	0.016	0.016	0.035	0.004
			HH21-103912	ASSAY	TB21101518	132.00	133.00	1.00	1.470	0.158	0.024	0.021	0.054	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-103913	ASSAY	TB21101518	133.00	134.00	1.00	0.547	0.112	0.029	0.025	0.041	0.004
			HH21-103914	ASSAY	TB21101518	134.00	135.00	1.00	0.227	0.093	0.020	0.022	0.037	0.003
			HH21-103916	ASSAY	TB21101518	135.00	136.00	1.00	0.290	0.082	0.017	0.014	0.030	0.003
			HH21-103917	ASSAY	TB21101518	136.00	137.00	1.00	0.890	0.140	0.049	0.040	0.057	0.005
			HH21-103918	ASSAY	TB21101518	137.00	138.00	1.00	0.465	0.121	0.021	0.013	0.054	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
138.00	217.00	GAB-Vt	HH21-103919	ASSAY	TB21101518	138.00	139.00	1.00	0.686	0.116	0.099	0.045	0.066	0.007
VARITEXTURED GABBRO Logged differently than previous gabbro due to XRF data suggesting alternating Mg/Ca composition changes between norite and gabbro across meter(s) scale. These alternating Mg/Ca values seem to correlate with intervals yielding extreme alteration: ~138-151m, ~165-169m, ~198-205m depth. Logged entirely as varitextured gabbro by looks instead of breaking out small meter changes based on pXRF. Trace to 0.5% blebby po-cpy mineralization with zones of up to 1-2%. Trace py mineralization. Massive. Occasional felsic dike. Completely arbitrary lower contact somewhat marked by pXRF			HH21-103920	ASSAY	TB21101518	139.00	140.00	1.00	0.494	0.071	0.127	0.070	0.070	0.007
			HH21-103921	ASSAY	TB21101518	140.00	141.00	1.00	0.553	0.099	0.044	0.025	0.053	0.006
			HH21-103922	ASSAY	TB21101518	141.00	142.00	1.00	0.394	0.100	0.012	0.011	0.051	0.007
			HH21-103923	ASSAY	TB21101518	142.00	143.00	1.00	0.379	0.101	0.010	0.010	0.051	0.007
			HH21-103924	ASSAY	TB21101518	143.00	144.00	1.00	0.378	0.096	0.010	0.011	0.049	0.007
			HH21-103926	ASSAY	TB21105322	144.00	145.00	1.00	0.423	0.099	0.007	0.010	0.048	0.006
			HH21-103927	ASSAY	TB21105322	145.00	146.00	1.00	0.318	0.081	0.004	0.009	0.049	0.006
			HH21-103928	ASSAY	TB21105322	146.00	147.00	1.00	0.104	0.024	0.028	0.007	0.047	0.006
			HH21-103929	ASSAY	TB21105322	147.00	148.00	1.00	0.237	0.070	0.004	0.013	0.042	0.006
			HH21-103930	ASSAY	TB21105322	148.00	149.00	1.00	0.204	0.076	0.003	0.009	0.037	0.006
			HH21-103931	ASSAY	TB21105322	149.00	150.00	1.00	0.291	0.077	0.014	0.022	0.052	0.007
			HH21-103932	ASSAY	TB21105322	150.00	151.00	1.00	0.948	0.117	0.047	0.067	0.076	0.006
			HH21-103933	ASSAY	TB21105322	151.00	152.00	1.00	0.987	0.108	0.070	0.082	0.092	0.007
			HH21-103934	ASSAY	TB21105322	152.00	153.00	1.00	1.020	0.092	0.059	0.079	0.085	0.007
			HH21-103935	ASSAY	TB21105322	153.00	154.00	1.00	0.074	0.022	0.010	0.022	0.037	0.005
			HH21-103936	ASSAY	TB21105322	154.00	155.00	1.00	0.058	0.016	0.009	0.022	0.036	0.005
			HH21-103937	ASSAY	TB21105322	155.00	156.00	1.00	0.096	0.025	0.022	0.036	0.048	0.006
			HH21-103938	ASSAY	TB21105322	156.00	157.00	1.00	0.209	0.043	0.063	0.062	0.059	0.006
			HH21-103939	ASSAY	TB21105322	157.00	158.00	1.00	0.055	0.012	0.019	0.033	0.042	0.006
			HH21-103940	ASSAY	TB21105322	158.00	159.00	1.00	0.285	0.069	0.003	0.030	0.046	0.006
HH21-103942	ASSAY	TB21105322	159.00	160.00	1.00	0.525	0.068	0.018	0.021	0.059	0.007			
HH21-103943	ASSAY	TB21105322	160.00	161.00	1.00	0.458	0.093	0.020	0.021	0.044	0.005			
HH21-103944	ASSAY	TB21105322	161.00	162.00	1.00	0.357	0.054	0.015	0.026	0.047	0.005			
HH21-103945	ASSAY	TB21105322	162.00	163.00	1.00	0.238	0.040	0.016	0.033	0.052	0.006			
HH21-103946	ASSAY	TB21105322	163.00	164.00	1.00	0.654	0.086	0.037	0.067	0.091	0.007			
HH21-103947	ASSAY	TB21105322	164.00	165.00	1.00	0.853	0.121	0.034	0.089	0.121	0.008			
HH21-103948	ASSAY	TB21105322	165.00	166.00	1.00	0.400	0.065	0.013	0.019	0.072	0.009			
HH21-103949	ASSAY	TB21105322	166.00	167.00	1.00	0.305	0.037	0.008	0.013	0.074	0.009			
HH21-103950	ASSAY	TB21105322	167.00	168.00	1.00	0.369	0.051	0.012	0.016	0.080	0.009			
HH21-103951	ASSAY	TB21105322	168.00	169.00	1.00	0.286	0.038	0.008	0.010	0.074	0.009			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-103952	ASSAY	TB21105322	169.00	170.00	1.00	0.185	0.042	0.029	0.043	0.061	0.007
			HH21-103953	ASSAY	TB21105322	170.00	171.00	1.00	0.125	0.036	0.030	0.038	0.047	0.006
			HH21-103955	ASSAY	TB21105322	171.00	172.00	1.00	0.131	0.041	0.033	0.032	0.046	0.006
			HH21-103956	ASSAY	TB21105322	172.00	173.00	1.00	0.058	0.014	0.019	0.018	0.033	0.005
			HH21-103957	ASSAY	TB21105322	173.00	174.00	1.00	0.273	0.049	0.047	0.037	0.048	0.006
			HH21-103958	ASSAY	TB21105322	174.00	175.00	1.00	2.110	0.208	0.218	0.110	0.126	0.008
			HH21-103959	ASSAY	TB21105322	175.00	176.00	1.00	2.130	0.207	0.249	0.148	0.129	0.007
			HH21-103960	ASSAY	TB21105322	176.00	177.00	1.00	2.790	0.288	0.331	0.141	0.137	0.008
			HH21-103961	ASSAY	TB21105322	177.00	178.00	1.00	0.255	0.060	0.037	0.041	0.055	0.007
			HH21-103962	ASSAY	TB21105322	178.00	179.00	1.00	0.297	0.053	0.032	0.051	0.061	0.007
			HH21-103963	ASSAY	TB21105322	179.00	180.00	1.00	0.100	0.025	0.011	0.035	0.040	0.006
			HH21-103964	ASSAY	TB21105322	180.00	181.00	1.00	0.048	0.012	0.008	0.025	0.036	0.006
			HH21-103965	ASSAY	TB21105322	181.00	182.00	1.00	0.038	0.008	0.009	0.025	0.028	0.005
			HH21-103966	ASSAY	TB21105322	182.00	183.00	1.00	0.142	0.038	0.007	0.035	0.043	0.007
			HH21-103967	ASSAY	TB21105322	183.00	184.00	1.00	0.221	0.044	0.022	0.036	0.048	0.007
			HH21-103968	ASSAY	TB21105322	184.00	185.00	1.00	0.086	0.024	0.022	0.027	0.044	0.007
			HH21-103970	ASSAY	TB21105322	185.00	186.00	1.00	0.070	0.021	0.024	0.031	0.041	0.006
			HH21-103971	ASSAY	TB21105322	186.00	187.00	1.00	0.453	0.095	0.019	0.017	0.068	0.009
			HH21-103972	ASSAY	TB21105322	187.00	188.00	1.00	0.277	0.058	0.013	0.016	0.061	0.007
			HH21-103973	ASSAY	TB21105322	188.00	189.00	1.00	0.625	0.152	0.017	0.015	0.050	0.007
			HH21-103974	ASSAY	TB21105322	189.00	190.00	1.00	0.103	0.025	0.022	0.024	0.039	0.005
			HH21-103975	ASSAY	TB21105322	190.00	191.00	1.00	0.081	0.015	0.025	0.025	0.037	0.005
			HH21-103976	ASSAY	TB21105322	191.00	192.00	1.00	0.397	0.051	0.029	0.044	0.054	0.005
			HH21-103977	ASSAY	TB21105322	192.00	193.00	1.00	0.887	0.100	0.070	0.075	0.086	0.006
			HH21-103978	ASSAY	TB21105322	193.00	194.00	1.00	0.533	0.078	0.039	0.035	0.055	0.007
			HH21-103979	ASSAY	TB21105322	194.00	195.00	1.00	0.435	0.072	0.031	0.044	0.052	0.005
			HH21-103980	ASSAY	TB21105322	195.00	196.00	1.00	1.190	0.156	0.063	0.080	0.119	0.008
			HH21-103981	ASSAY	TB21105322	196.00	197.00	1.00	0.616	0.111	0.058	0.053	0.073	0.007
			HH21-103982	ASSAY	TB21105322	197.00	198.00	1.00	0.459	0.104	0.015	0.012	0.067	0.009
			HH21-103983	ASSAY	TB21105322	198.00	199.00	1.00	0.396	0.109	0.013	0.011	0.061	0.008
			HH21-103984	ASSAY	TB21105322	199.00	200.00	1.00	0.354	0.076	0.014	0.010	0.053	0.007
			HH21-103985	ASSAY	TB21105322	200.00	201.00	1.00	0.516	0.084	0.016	0.012	0.064	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-103986	ASSAY	TB21105322	201.00	202.00	1.00	0.500	0.101	0.013	0.008	0.067	0.008
			HH21-103987	ASSAY	TB21105322	202.00	203.00	1.00	0.281	0.052	0.009	0.007	0.057	0.007
			HH21-103989	ASSAY	TB21105322	203.00	204.00	1.00	0.425	0.090	0.015	0.011	0.065	0.008
			HH21-103990	ASSAY	TB21105322	204.00	205.00	1.00	0.294	0.064	0.012	0.009	0.056	0.007
			HH21-103991	ASSAY	TB21105322	205.00	206.00	1.00	0.705	0.106	0.034	0.023	0.065	0.007
			HH21-103992	ASSAY	TB21105322	206.00	207.00	1.00	0.260	0.052	0.022	0.021	0.048	0.005
			HH21-103993	ASSAY	TB21105322	207.00	208.00	1.00	0.112	0.017	0.018	0.029	0.050	0.005
			HH21-103995	ASSAY	TB21105322	208.00	209.00	1.00	0.565	0.051	0.025	0.025	0.076	0.006
			HH21-103996	ASSAY	TB21105322	209.00	210.00	1.00	0.180	0.025	0.026	0.047	0.053	0.005
			HH21-103997	ASSAY	TB21105322	210.00	211.00	1.00	0.108	0.019	0.014	0.027	0.045	0.005
			HH21-103998	ASSAY	TB21105322	211.00	212.00	1.00	0.112	0.019	0.022	0.040	0.053	0.005
			HH21-103999	ASSAY	TB21105322	212.00	213.00	1.00	0.321	0.046	0.017	0.039	0.052	0.005
			HH21-104000	ASSAY	TB21105322	213.00	214.00	1.00	0.106	0.020	0.010	0.019	0.038	0.005
			HH21-104001	ASSAY	TB21105322	214.00	215.00	1.00	0.205	0.044	0.017	0.037	0.052	0.007
			HH21-104002	ASSAY	TB21105322	215.00	216.00	1.00	0.276	0.070	0.015	0.030	0.057	0.007
			HH21-104004	ASSAY	TB21109021	216.00	217.00	1.00	0.441	0.094	0.037	0.063	0.081	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
217.00	275.83	NOR-Vt	HH21-104005	ASSAY	TB21109021	217.00	218.00	1.00	0.270	0.078	0.029	0.027	0.063	0.006
VARITEXTURED ALTERED NORITE Essentially the same description as above, but pXRF suggests a consistently higher Mg value. Visually the same except dominantly medium-grained with less varitextured phases. Possibly loggable as altered norite. Moderate-strong pervasive chl-act alt. Trace to 0.5% blebby po-cpy mineralizatoin with small intervals up ~1-2%. Massive. Occasional felsic dikes. Sharp lower contact into dike.			HH21-104006	ASSAY	TB21109021	218.00	219.00	1.00	0.384	0.131	0.014	0.014	0.054	0.006
			HH21-104007	ASSAY	TB21109021	219.00	220.00	1.00	0.543	0.140	0.095	0.088	0.096	0.009
			HH21-104008	ASSAY	TB21109021	220.00	221.00	1.00	0.208	0.043	0.035	0.037	0.055	0.006
			HH21-104009	ASSAY	TB21109021	221.00	222.00	1.00	0.340	0.088	0.065	0.056	0.082	0.007
			HH21-104010	ASSAY	TB21109021	222.00	223.00	1.00	0.268	0.067	0.021	0.034	0.060	0.006
			HH21-104011	ASSAY	TB21109021	223.00	224.00	1.00	0.357	0.086	0.031	0.052	0.068	0.006
			HH21-104012	ASSAY	TB21109021	224.00	225.00	1.00	0.229	0.046	0.020	0.019	0.048	0.005
			HH21-104013	ASSAY	TB21109021	225.00	226.00	1.00	0.349	0.075	0.015	0.021	0.058	0.006
			HH21-104014	ASSAY	TB21109021	226.00	227.00	1.00	0.266	0.102	0.014	0.015	0.056	0.006
			HH21-104016	ASSAY	TB21109021	227.00	228.00	1.00	0.856	0.124	0.051	0.072	0.100	0.008
			HH21-104017	ASSAY	TB21109021	228.00	229.00	1.00	1.200	0.193	0.086	0.094	0.102	0.008
			HH21-104018	ASSAY	TB21109021	229.00	230.00	1.00	0.251	0.056	0.040	0.037	0.050	0.007
			HH21-104019	ASSAY	TB21109021	230.00	231.00	1.00	0.230	0.040	0.040	0.034	0.050	0.006
			HH21-104020	ASSAY	TB21109021	231.00	232.00	1.00	0.817	0.090	0.113	0.115	0.105	0.008
			HH21-104021	ASSAY	TB21109021	232.00	233.00	1.00	0.531	0.090	0.213	0.084	0.092	0.009
			HH21-104022	ASSAY	TB21109021	233.00	234.00	1.00	0.525	0.094	0.134	0.058	0.082	0.007
			HH21-104023	ASSAY	TB21109021	234.00	235.00	1.00	0.529	0.075	0.092	0.088	0.089	0.008
			HH21-104024	ASSAY	TB21109021	235.00	236.00	1.00	0.398	0.064	0.111	0.065	0.064	0.007
			HH21-104025	ASSAY	TB21109021	236.00	237.00	1.00	0.243	0.049	0.037	0.033	0.053	0.006
			HH21-104026	ASSAY	TB21109021	237.00	238.00	1.00	0.922	0.141	0.124	0.071	0.107	0.007
HH21-104027	ASSAY	TB21109021	238.00	239.00	1.00	0.527	0.085	0.077	0.070	0.073	0.006			
HH21-104028	ASSAY	TB21109021	239.00	240.00	1.00	0.227	0.056	0.039	0.024	0.054	0.006			
HH21-104029	ASSAY	TB21109021	240.00	241.00	1.00	0.299	0.083	0.052	0.043	0.064	0.006			
HH21-104030	ASSAY	TB21109021	241.00	242.00	1.00	0.218	0.046	0.078	0.027	0.059	0.006			
HH21-104031	ASSAY	TB21109021	242.00	243.00	1.00	0.211	0.041	0.039	0.025	0.053	0.006			
HH21-104032	ASSAY	TB21109021	243.00	244.00	1.00	0.249	0.046	0.038	0.022	0.055	0.006			
HH21-104034	ASSAY	TB21109021	244.00	245.00	1.00	0.213	0.044	0.033	0.022	0.050	0.006			
HH21-104035	ASSAY	TB21109021	245.00	246.00	1.00	0.330	0.070	0.039	0.032	0.058	0.006			
HH21-104036	ASSAY	TB21109021	246.00	247.00	1.00	0.213	0.038	0.036	0.020	0.050	0.006			
HH21-104037	ASSAY	TB21109021	247.00	248.00	1.00	0.239	0.044	0.055	0.029	0.054	0.006			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104038	ASSAY	TB21109021	248.00	249.00	1.00	0.331	0.057	0.105	0.053	0.068	0.006
			HH21-104039	ASSAY	TB21109021	249.00	250.00	1.00	0.564	0.062	0.098	0.070	0.072	0.006
			HH21-104040	ASSAY	TB21109021	250.00	251.00	1.00	0.191	0.034	0.069	0.043	0.053	0.005
			HH21-104041	ASSAY	TB21109021	251.00	252.00	1.00	0.406	0.050	0.052	0.049	0.069	0.006
			HH21-104042	ASSAY	TB21109021	252.00	253.00	1.00	0.462	0.068	0.078	0.069	0.074	0.006
			HH21-104043	ASSAY	TB21109021	253.00	254.00	1.00	0.530	0.058	0.048	0.078	0.078	0.007
			HH21-104044	ASSAY	TB21109021	254.00	255.00	1.00	0.319	0.053	0.030	0.052	0.052	0.005
			HH21-104045	ASSAY	TB21109021	255.00	256.00	1.00	1.015	0.114	0.073	0.074	0.077	0.007
			HH21-104046	ASSAY	TB21109021	256.00	257.00	1.00	0.355	0.047	0.048	0.050	0.062	0.006
			HH21-104047	ASSAY	TB21109021	257.00	258.00	1.00	0.360	0.084	0.066	0.055	0.067	0.007
			HH21-104048	ASSAY	TB21109021	258.00	259.00	1.00	0.247	0.048	0.049	0.044	0.054	0.006
			HH21-104049	ASSAY	TB21109021	259.00	260.00	1.00	0.211	0.035	0.041	0.037	0.052	0.006
			HH21-104051	ASSAY	TB21109021	260.00	261.00	1.00	0.285	0.051	0.051	0.046	0.059	0.006
			HH21-104052	ASSAY	TB21109021	261.00	262.00	1.00	0.299	0.042	0.028	0.050	0.053	0.005
			HH21-104053	ASSAY	TB21109021	262.00	263.00	1.00	0.450	0.066	0.018	0.034	0.056	0.005
			HH21-104054	ASSAY	TB21109021	263.00	264.00	1.00	0.804	0.096	0.014	0.014	0.055	0.006
			HH21-104055	ASSAY	TB21109021	264.00	265.00	1.00	0.954	0.108	0.055	0.038	0.060	0.006
			HH21-104056	ASSAY	TB21109021	265.00	266.00	1.00	1.530	0.151	0.049	0.045	0.079	0.007
			HH21-104057	ASSAY	TB21109021	266.00	267.00	1.00	0.595	0.098	0.031	0.045	0.070	0.006
			HH21-104058	ASSAY	TB21109021	267.00	268.00	1.00	0.671	0.085	0.020	0.030	0.062	0.006
			HH21-104059	ASSAY	TB21109021	268.00	269.00	1.00	0.598	0.135	0.027	0.029	0.056	0.006
			HH21-104060	ASSAY	TB21109021	269.00	270.00	1.00	0.564	0.098	0.045	0.045	0.061	0.006
			HH21-104061	ASSAY	TB21109021	270.00	271.00	1.00	0.721	0.092	0.031	0.019	0.051	0.006
			HH21-104063	ASSAY	TB21109021	271.00	272.00	1.00	1.305	0.153	0.195	0.118	0.114	0.007
			HH21-104064	ASSAY	TB21109021	272.00	273.00	1.00	1.505	0.173	0.312	0.160	0.134	0.007
			HH21-104065	ASSAY	TB21109021	273.00	274.00	1.00	0.816	0.095	0.034	0.039	0.065	0.006
			HH21-104066	ASSAY	TB21109021	274.00	275.00	1.00	0.994	0.094	0.011	0.093	0.069	0.005
			HH21-104067	ASSAY	TB21109021	275.00	275.83	0.83	0.364	0.038	0.027	0.091	0.041	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
275.83	277.16	LGAB	HH21-104068	ASSAY	TB21109021	275.83	277.16	1.33	0.148	0.009	0.013	0.034	0.016	0.002
<p>LEUCOGABBRO White and green. ~70-80% plag. Weak-moderate chl alt. Dominantly fine-medium-grained. Trace to 0.5% ff py and cpy mineralization. Sharp lower contact</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
277.16	344.85	GAB-Vt	HH21-104069	ASSAY	TB21109021	277.16	278.00	0.84	0.079	0.015	0.106	0.033	0.030	0.005
		VARITEXTURED GABBRO	HH21-104070	ASSAY	TB21109021	278.00	279.00	1.00	0.566	0.053	0.159	0.065	0.058	0.006
		Green with white plag. Dominantly medium-grained with lesser coarse-grained and fine-grained intervals. ~303-313m yields higher Mg and lower Ca pXRF values suggesting a possible altered norite. Moderate-strong pervasive chl-act alt. ~339m+ depth yields brecciation as it approaches a strongly foliated/sheared leucogabbro and an interval of leucogabbro ~1.2m in length proximal to lower contact with fine-grained mineralization. Dominantly trace mineralization with few phases of up to 1% blebby po-cpy mineralization. Occasional felsic dikes/dikelets. Felsic dikelets frequent in upper 20m of interval. Sharp lower contact ~75dtca into sheared/gnessic tonalite	HH21-104071	ASSAY	TB21109021	279.00	280.00	1.00	0.013	0.003	0.008	0.012	0.027	0.004
			HH21-104072	ASSAY	TB21109021	280.00	281.00	1.00	0.816	0.092	0.080	0.082	0.065	0.006
			HH21-104073	ASSAY	TB21109021	281.00	282.00	1.00	0.162	0.021	0.029	0.030	0.037	0.005
			HH21-104074	ASSAY	TB21109021	282.00	283.00	1.00	1.420	0.101	0.034	0.068	0.092	0.007
			HH21-104076	ASSAY	TB21109021	283.00	284.00	1.00	0.758	0.010	0.011	0.021	0.033	0.005
			HH21-104077	ASSAY	TB21109021	284.00	285.00	1.00	0.319	0.035	0.023	0.046	0.041	0.004
			HH21-104078	ASSAY	TB21109021	285.00	286.00	1.00	0.055	0.009	0.016	0.019	0.027	0.004
			HH21-104079	ASSAY	TB21109021	286.00	287.00	1.00	0.063	0.018	0.025	0.025	0.037	0.005
			HH21-104080	ASSAY	TB21109021	287.00	288.00	1.00	0.159	0.020	0.045	0.035	0.045	0.005
			HH21-104082	ASSAY	TB21109024	288.00	289.00	1.00	0.520	0.067	0.174	0.083	0.062	0.006
			HH21-104083	ASSAY	TB21109024	289.00	290.00	1.00	0.265	0.027	0.129	0.078	0.050	0.006
			HH21-104084	ASSAY	TB21109024	290.00	291.00	1.00	0.226	0.030	0.030	0.042	0.044	0.005
			HH21-104085	ASSAY	TB21109024	291.00	292.00	1.00	0.126	0.033	0.032	0.037	0.044	0.005
			HH21-104086	ASSAY	TB21109024	292.00	293.00	1.00	0.024	0.007	0.008	0.018	0.027	0.004
			HH21-104087	ASSAY	TB21109024	293.00	294.00	1.00	0.106	0.017	0.011	0.032	0.043	0.006
			HH21-104088	ASSAY	TB21109024	294.00	295.00	1.00	0.202	0.050	0.011	0.034	0.056	0.006
			HH21-104089	ASSAY	TB21109024	295.00	296.00	1.00	0.109	0.018	0.011	0.017	0.041	0.005
			HH21-104090	ASSAY	TB21109024	296.00	297.00	1.00	0.082	0.017	0.013	0.016	0.036	0.005
			HH21-104091	ASSAY	TB21109024	297.00	298.00	1.00	0.120	0.031	0.023	0.015	0.037	0.005
			HH21-104092	ASSAY	TB21109024	298.00	299.00	1.00	0.046	0.015	0.018	0.012	0.036	0.005
			HH21-104093	ASSAY	TB21109024	299.00	300.00	1.00	0.124	0.017	0.024	0.019	0.039	0.005
			HH21-104094	ASSAY	TB21109024	300.00	301.00	1.00	0.060	0.016	0.008	0.013	0.034	0.005
			HH21-104095	ASSAY	TB21109024	301.00	302.00	1.00	0.168	0.037	0.031	0.039	0.054	0.006
			HH21-104097	ASSAY	TB21109024	302.00	303.00	1.00	0.336	0.061	0.072	0.050	0.068	0.007
			HH21-104098	ASSAY	TB21109024	303.00	304.00	1.00	0.203	0.043	0.012	0.018	0.044	0.006
			HH21-104099	ASSAY	TB21109024	304.00	305.00	1.00	0.113	0.027	0.015	0.015	0.037	0.005
			HH21-104100	ASSAY	TB21109024	305.00	306.00	1.00	0.146	0.028	0.030	0.029	0.038	0.005
			HH21-104101	ASSAY	TB21109024	306.00	307.00	1.00	0.167	0.036	0.041	0.032	0.050	0.006
			HH21-104102	ASSAY	TB21109024	307.00	308.00	1.00	0.170	0.031	0.072	0.070	0.080	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104103	ASSAY	TB21109024	308.00	309.00	1.00	0.127	0.024	0.034	0.037	0.048	0.006
			HH21-104104	ASSAY	TB21109024	309.00	310.00	1.00	0.046	0.011	0.021	0.021	0.036	0.005
			HH21-104105	ASSAY	TB21109024	310.00	311.00	1.00	0.097	0.025	0.024	0.029	0.042	0.006
			HH21-104106	ASSAY	TB21109024	311.00	312.00	1.00	0.286	0.064	0.042	0.058	0.072	0.007
			HH21-104108	ASSAY	TB21109024	312.00	313.00	1.00	0.269	0.072	0.020	0.023	0.050	0.006
			HH21-104109	ASSAY	TB21109024	313.00	314.00	1.00	0.595	0.100	0.106	0.083	0.123	0.008
			HH21-104110	ASSAY	TB21109024	314.00	315.00	1.00	0.025	0.006	0.012	0.016	0.030	0.005
			HH21-104111	ASSAY	TB21109024	315.00	316.00	1.00	0.036	0.009	0.018	0.036	0.037	0.005
			HH21-104112	ASSAY	TB21109024	316.00	317.00	1.00	0.102	0.026	0.017	0.035	0.044	0.009
			HH21-104113	ASSAY	TB21109024	317.00	318.00	1.00	0.005	0.003	0.006	0.016	0.028	0.004
			HH21-104114	ASSAY	TB21109024	318.00	319.00	1.00	0.015	0.003	0.007	0.026	0.021	0.003
			HH21-104115	ASSAY	TB21109024	319.00	320.00	1.00	0.007	0.003	0.005	0.015	0.026	0.004
			HH21-104116	ASSAY	TB21109024	320.00	321.00	1.00	0.052	0.014	0.015	0.045	0.036	0.006
			HH21-104117	ASSAY	TB21109024	321.00	322.00	1.00	0.031	0.007	0.015	0.043	0.039	0.005
			HH21-104118	ASSAY	TB21109024	322.00	323.00	1.00	0.032	0.012	0.010	0.019	0.027	0.005
			HH21-104119	ASSAY	TB21109024	323.00	324.00	1.00	0.065	0.019	0.022	0.026	0.032	0.005
			HH21-104120	ASSAY	TB21109024	324.00	325.00	1.00	0.065	0.013	0.022	0.021	0.028	0.005
			HH21-104121	ASSAY	TB21109024	325.00	326.00	1.00	0.169	0.021	0.025	0.023	0.032	0.005
			HH21-104122	ASSAY	TB21109024	326.00	327.00	1.00	0.090	0.016	0.015	0.026	0.032	0.005
			HH21-104123	ASSAY	TB21109024	327.00	328.00	1.00	0.093	0.017	0.021	0.018	0.030	0.005
			HH21-104124	ASSAY	TB21109024	328.00	329.00	1.00	0.283	0.042	0.050	0.042	0.044	0.005
			HH21-104125	ASSAY	TB21109024	329.00	330.00	1.00	0.271	0.039	0.031	0.035	0.042	0.005
			HH21-104126	ASSAY	TB21109024	330.00	331.00	1.00	0.127	0.022	0.016	0.023	0.034	0.005
			HH21-104127	ASSAY	TB21109024	331.00	332.00	1.00	0.043	0.010	0.009	0.019	0.023	0.004
			HH21-104128	ASSAY	TB21109024	332.00	333.00	1.00	0.239	0.033	0.025	0.035	0.043	0.006
			HH21-104130	ASSAY	TB21109024	333.00	334.00	1.00	0.479	0.060	0.088	0.057	0.040	0.005
			HH21-104131	ASSAY	TB21109024	334.00	335.00	1.00	0.047	0.013	0.010	0.013	0.025	0.005
			HH21-104132	ASSAY	TB21109024	335.00	336.00	1.00	0.427	0.046	0.078	0.053	0.051	0.006
			HH21-104133	ASSAY	TB21109024	336.00	337.00	1.00	0.308	0.041	0.052	0.051	0.049	0.006
			HH21-104134	ASSAY	TB21109024	337.00	338.00	1.00	0.376	0.062	0.054	0.046	0.060	0.007
			HH21-104135	ASSAY	TB21109024	338.00	339.00	1.00	0.093	0.018	0.028	0.026	0.026	0.005
			HH21-104136	ASSAY	TB21109024	339.00	340.00	1.00	0.080	0.014	0.026	0.021	0.024	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104137	ASSAY	TB21109024	340.00	341.00	1.00	0.059	0.009	0.016	0.023	0.024	0.005
			HH21-104138	ASSAY	TB21109024	341.00	342.00	1.00	0.416	0.046	0.041	0.047	0.042	0.004
			HH21-104139	ASSAY	TB21109024	342.00	343.00	1.00	0.041	0.009	0.014	0.023	0.015	0.005
			HH21-104140	ASSAY	TB21109024	343.00	344.00	1.00	0.762	0.094	0.070	0.088	0.073	0.005
			HH21-104142	ASSAY	TB21109024	344.00	344.85	0.85	0.756	0.080	0.055	0.078	0.061	0.004
344.85	363.95	TON												
		GNEISSIC TONALITE	HH21-104143	ASSAY	TB21109024	344.85	346.00	1.15	0.076	0.009	0.032	0.022	0.010	0.001
		White/green/pink. Medium-grained and equigranular	HH21-104144	ASSAY	TB21109024	346.00	347.00	1.00	0.001	0.003	0.001	0.006	0.003	0.001
		until ~358m depth where finer-grained phases occur	HH21-104145	ASSAY	TB21109024	347.00	348.00	1.00	0.027	0.003	0.003	0.008	0.008	0.002
		(bx?). Weak chl and k alt. Moderate sil alt and ~1m of	HH21-104146	ASSAY	TB21109024	348.00	349.00	1.00	0.222	0.021	0.023	0.024	0.011	0.003
		quartz flooding @347.70m depth.	HH21-104147	ASSAY	TB21109024	349.00	350.00	1.00	0.219	0.020	0.036	0.031	0.013	0.002
		Trace diss py mineralization.	HH21-104148	ASSAY	TB21109024	350.00	351.00	1.00	0.704	0.065	0.107	0.070	0.037	0.003
		Strong foliation ranging 0 up to 50dtca.	HH21-104149	ASSAY	TB21109024	351.00	352.00	1.00	0.768	0.068	0.019	0.031	0.022	0.002
		Sharp lower contact ~55dtca	HH21-104150	ASSAY	TB21109024	352.00	353.00	1.00	0.342	0.027	0.024	0.027	0.011	0.001
			HH21-104151	ASSAY	TB21109024	353.00	354.00	1.00	0.089	0.007	0.010	0.013	0.006	0.001
			HH21-104152	ASSAY	TB21109024	354.00	355.00	1.00	0.001	0.003	0.001	0.011	0.003	0.002
			HH21-104153	ASSAY	TB21109024	355.00	356.00	1.00	0.002	0.003	0.003	0.012	0.003	0.002
			HH21-104155	ASSAY	TB21109024	356.00	357.00	1.00	0.069	0.005	0.004	0.007	0.003	0.002
			HH21-104156	ASSAY	TB21109024	357.00	358.00	1.00	0.005	0.003	0.004	0.026	0.005	0.004
			HH21-104157	ASSAY	TB21109024	358.00	359.00	1.00	0.004	0.003	0.001	0.010	0.005	0.003
			HH21-104158	ASSAY	TB21109024	359.00	360.00	1.00	0.005	0.003	0.006	0.026	0.004	0.003
			HH21-104160	ASSAY	TB21115998	360.00	361.00	1.00	0.002	0.003	0.001	0.013	0.003	0.002
			HH21-104161	ASSAY	TB21115998	361.00	362.00	1.00	0.003	0.003	0.001	0.012	0.003	0.001
			HH21-104162	ASSAY	TB21115998	362.00	363.00	1.00	0.006	0.003	0.001	0.013	0.004	0.001
			HH21-104163	ASSAY	TB21115998	363.00	363.95	0.95	0.006	0.003	0.006	0.010	0.003	0.001

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
363.95	405.40	GAB-Vt	HH21-104164	ASSAY	TB21115998	363.95	365.00	1.05	0.027	0.008	0.001	0.004	0.014	0.004
		VARITEXTURED GABBRO	HH21-104165	ASSAY	TB21115998	365.00	366.00	1.00	0.031	0.008	0.007	0.012	0.018	0.004
		Green and white with local pink/red. Dominantly medium-grained with lesser finer and coarser-grained phases. Local leucocratic patches. Upper ~7m yields frequent felsic dikes/dikelets and possibly logged as brecciated. Moderate-strong semi-pervasive chl-act alt and local fracture-controlled k alt.	HH21-104166	ASSAY	TB21115998	366.00	367.00	1.00	0.029	0.010	0.010	0.015	0.017	0.004
		Dominantly trace mineralization with local increases up to 1% po-cpy and py.	HH21-104167	ASSAY	TB21115998	367.00	368.00	1.00	0.390	0.028	0.011	0.012	0.029	0.003
		Small intervals of foliation ~0-20dtca. Occasional felsic dike/dikelet.	HH21-104168	ASSAY	TB21115998	368.00	369.00	1.00	0.053	0.010	0.003	0.006	0.014	0.002
		Sharp lower contact into gnessic tonalite	HH21-104169	ASSAY	TB21115998	369.00	370.00	1.00	0.070	0.011	0.008	0.022	0.020	0.004
			HH21-104171	ASSAY	TB21115998	370.00	371.00	1.00	0.041	0.012	0.019	0.041	0.027	0.005
			HH21-104172	ASSAY	TB21115998	371.00	372.00	1.00	0.699	0.080	0.057	0.070	0.078	0.007
			HH21-104173	ASSAY	TB21115998	372.00	373.00	1.00	0.369	0.039	0.065	0.088	0.060	0.006
			HH21-104174	ASSAY	TB21115998	373.00	374.00	1.00	0.095	0.015	0.009	0.017	0.021	0.004
			HH21-104175	ASSAY	TB21115998	374.00	375.00	1.00	0.090	0.010	0.006	0.013	0.020	0.004
			HH21-104176	ASSAY	TB21115998	375.00	376.00	1.00	0.095	0.012	0.012	0.016	0.024	0.004
			HH21-104177	ASSAY	TB21115998	376.00	377.00	1.00	0.087	0.010	0.007	0.007	0.025	0.004
			HH21-104178	ASSAY	TB21115998	377.00	378.00	1.00	0.330	0.047	0.010	0.024	0.027	0.004
			HH21-104179	ASSAY	TB21115998	378.00	379.00	1.00	0.320	0.043	0.018	0.030	0.034	0.004
			HH21-104180	ASSAY	TB21115998	379.00	380.00	1.00	0.203	0.058	0.012	0.019	0.033	0.004
			HH21-104181	ASSAY	TB21115998	380.00	381.00	1.00	0.224	0.019	0.020	0.034	0.037	0.005
			HH21-104182	ASSAY	TB21115998	381.00	382.00	1.00	0.030	0.003	0.009	0.019	0.023	0.005
			HH21-104183	ASSAY	TB21115998	382.00	383.00	1.00	0.040	0.011	0.006	0.006	0.018	0.004
			HH21-104184	ASSAY	TB21115998	383.00	384.00	1.00	0.095	0.021	0.004	0.005	0.020	0.003
			HH21-104185	ASSAY	TB21115998	384.00	385.00	1.00	0.058	0.013	0.005	0.007	0.020	0.003
			HH21-104187	ASSAY	TB21115998	385.00	386.00	1.00	0.044	0.015	0.006	0.008	0.021	0.003
			HH21-104188	ASSAY	TB21115998	386.00	387.00	1.00	0.041	0.005	0.002	0.007	0.019	0.004
			HH21-104189	ASSAY	TB21115998	387.00	388.00	1.00	0.050	0.010	0.001	0.004	0.022	0.003
			HH21-104190	ASSAY	TB21115998	388.00	389.00	1.00	0.292	0.077	0.011	0.012	0.026	0.004
			HH21-104191	ASSAY	TB21115998	389.00	390.00	1.00	0.328	0.162	0.014	0.019	0.025	0.005
			HH21-104192	ASSAY	TB21115998	390.00	391.00	1.00	0.060	0.019	0.004	0.011	0.018	0.004
			HH21-104193	ASSAY	TB21115998	391.00	392.00	1.00	0.084	0.017	0.006	0.010	0.026	0.005
			HH21-104194	ASSAY	TB21115998	392.00	393.00	1.00	0.135	0.035	0.006	0.007	0.026	0.005
			HH21-104195	ASSAY	TB21115998	393.00	394.00	1.00	0.139	0.027	0.011	0.010	0.027	0.005
			HH21-104196	ASSAY	TB21115998	394.00	395.00	1.00	0.126	0.034	0.007	0.011	0.030	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104197	ASSAY	TB21115998	395.00	396.00	1.00	0.115	0.019	0.010	0.009	0.027	0.005
			HH21-104198	ASSAY	TB21115998	396.00	397.00	1.00	0.250	0.044	0.035	0.022	0.033	0.005
			HH21-104199	ASSAY	TB21115998	397.00	398.00	1.00	0.089	0.025	0.004	0.007	0.028	0.005
			HH21-104200	ASSAY	TB21115998	398.00	399.00	1.00	0.108	0.034	0.005	0.007	0.029	0.005
			HH21-104201	ASSAY	TB21115998	399.00	400.00	1.00	0.089	0.016	0.005	0.008	0.022	0.003
			HH21-104202	ASSAY	TB21115998	400.00	401.00	1.00	0.112	0.017	0.004	0.004	0.024	0.004
			HH21-104204	ASSAY	TB21115998	401.00	402.00	1.00	0.003	0.003	0.004	0.011	0.026	0.005
			HH21-104205	ASSAY	TB21115998	402.00	403.00	1.00	0.028	0.008	0.002	0.006	0.020	0.004
			HH21-104206	ASSAY	TB21115998	403.00	404.00	1.00	0.039	0.008	0.002	0.007	0.014	0.002
			HH21-104207	ASSAY	TB21115998	404.00	405.40	1.40	0.071	0.018	0.003	0.007	0.023	0.004
405.40	448.20	TON												
GNEISSIC TONALITE			HH21-104208	ASSAY	TB21115998	405.40	406.00	0.60	0.013	0.003	0.001	0.005	0.008	0.002
White, black, green, pink/red, beige. Medium-grained, melanocratic to leucocratic with a variably distributed weak to strong degree of K-ep alteration, generally occurring as an alteration of plagioclase.			HH21-104209	ASSAY	TB21115998	406.00	407.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
Vfg-mg py occurs as disseminations, veins, veinlets and along fracture faces.			HH21-104210	ASSAY	TB21115998	407.00	408.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
Strongly foliated 0 up to 60dtca.			HH21-104211	ASSAY	TB21115998	408.00	409.00	1.00	0.131	0.012	0.001	0.004	0.004	0.000
Upper and lower contacts are sharp with GABVT and augen textured diorite respectively.			HH21-104212	ASSAY	TB21115998	409.00	410.00	1.00	0.030	0.003	0.001	0.003	0.002	0.000
			HH21-104213	ASSAY	TB21115998	410.00	411.00	1.00	0.003	0.003	0.001	0.002	0.000	0.000
			HH21-104214	ASSAY	TB21115998	411.00	412.00	1.00	0.036	0.003	0.001	0.002	0.001	0.000
			HH21-104216	ASSAY	TB21115998	412.00	413.07	1.07	0.027	0.003	0.001	0.004	0.002	0.001
448.20	451.31	DIKE-Mafic												
Mafic Dike: Black colour, f.g groundmass with m.g plag phenocrysts, strong Ep-k alteration, <0.5% f.g disseminated pyrite mineralization. Sharp contacts at 10 DTCA.														
451.31	458.15	TON												
TON: White-black colour due to biotite-(hornblende) -plagioclase composition, m.g groundmass with moderate foliation, weak to moderate Na-Si alteration with localized K-alt surrounding veins and fractures, 0.1% f.g disseminated pyrite.														
458.15	459.32	DIKE-Mafic												
Mafic Dike: Black colour, f.g groundmass with moderate foliation, 0.1% f.g pyrite, felsic veinlets, sharp contacts.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
459.32	481.46	TON												
TON: White-black-(red) colour, m.g groundmass of Bt-(Hbl)-Pl with localized strong K-alt of plag, overall moderate pervasive Na-Si-Chl-(K) alteration, massive to well-foliated texture 25-45 DTCA, x-cutting mafic dikes observed.														
481.46	483.80	DIKE-Intermediate												
Dike-Intermediate: Black-green colour, fine-grained groundmass, extreme Ep alteration throughout with moderate to strong K-Si alteration. 0.1% f.g disseminated pyrite.														
483.80	494.14	TON												
TON: Same as previous TON described, shearing and foliation present with x-cutting dikes/pegmatite veins.														
494.14	497.74	DIKE-Intermediate												
Dike-Intermediate: White-black colour, f.g groundmass of Pl-Bt-Hbl, moderate Ep-K-Si alteration, 0.1% f.g disseminated pyrite. Unit is cross-cut by Qtz-Pl veins. Sharp contacts.														
497.74	549.06	TON												
TON: Cream-grey colour, f.g-m.g Pl-Bt-Hbl-Qtz massive to well-foliated or gneissic texture 30 DTCA. Moderate Na-Si-(K-Ep) alteration, with K-Ep-alt localized around structures. 0.1% f.g disseminated pyrite. X-cutting felsic to mafic dikes present throughout. Blue quartz dominantly hosted within well foliated sections. Strong K-alt present from 524-528m. Strong foliation 541-549m.														
549.06	551.50	DIKE-Mafic												
Dike-Mafic: Black-green colour, fine-grained groundmass, strong Ep-Chl alteration, <0.5% f.g disseminated to stringer pyrite. Sharp contacts.														
551.50	556.49	TON												
TON: Cream-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate K-Si-Na alteration, 0.1% f.g disseminated pyrite.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
556.49	558.10	DIKE-Intermediate												
Dike-Intermediate: Green-tan colour, f.g groundmass, strong Chl-Ep-K alteration, 0.1% f.g disseminated pyrite, sharp contacts.														
558.10	570.11	TON												
TON: Cream-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate K-Si-Na alteration, 0.1% f.g disseminated pyrite. Increased variability in the core including: shearing, gneissic texture, and strong K-Ep alt around structures present to 563m.														
570.11	572.21	DIKE-Intermediate												
Dike-Intermediate: Grey colour, fine-grained groundmass, moderate Chl-K alteration pervasive, 0.1% f.g disseminated pyrite, sharp contacts.														
572.21	601.28	TON												
TON: Cream-grey colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite. Very homogeneous section of TON compared to previous TON observed, with minimal structure to note and consistent alteration.														
From 593-601.28, abundant shearing, foliation, and x-cutting felsic veins and dikes present.														
601.28	636.72	TON												
Mottled TON: White an- to subhedral, m.g-c.g equant to lath plagioclase surrounded by black, anhedral, interstitial f.g-m.g Bt-Hbl. Has appearance of augen texture but mafic minerals do not appear strongly foliated around plag. Overall 60-70% plag and 30-40% mafic minerals. Weak to moderate Na-Si-(Ep-K) alteration. Mineralization <0.5% f.g disseminated pyrite, an large increase in matrix pyrite is observed compared to previous TON logged. X-cutting intermediate to mafic dikes more common from 630-640m.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
636.72	664.58	TON												
<p>TON: Cream-grey-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite. Abundant x-cutting mafic dikes and strong foliation 35 DTCA from 642-669m, with more prominent blue quartz than in rest of unit.</p>														
664.58	669.47	DIKE-Mafic												
<p>Mafic Dike: Black-green colour, f.g groundmass, <0.5% f.g disseminated pyrite, strong Ep-K alteration throughout. X-cutting felsic veinlets common. Sharp contacts.</p>														
669.47	715.55	TON												
<p>TON: Cream-grey-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite.</p> <p>From 674-683m strong to extreme Hem-Si-Na alteration is pervasive throughout core, with strong to extreme Ep alteration from 683-694m which masks primary texture. Associated shearing and foliation within core is also observed. From 694-714m typical m.g TON is observed with localized foliation.</p>														
715.55	719.83	DIKE-Intermediate												
<p>Dike-Intermediate: Black-green colour, f.g granular groundmass, strong to extreme Ep-K-Chl alteration, 0.1% f.g disseminated pyrite, x-cutting felsic veins with strong K-Na alteration. Sharp contacts with sheared TON.</p>														
719.83	731.32	TON												
<p>TON: White-cream colour, m.g granular to moderately foliated groundmass, 0.1% f.g disseminated pyrite, moderate to strong Na-Si-K alteration pervasive throughout. X-cutting intermediate to mafic dikes.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %													
731.32	736.78	DIKE-Intermediate																									
Dike-Intermediate: Black-green colour, f.g granular groundmass, strong to extreme Ep-K-Chl alteration, 0.1% f.g disseminated pyrite, x-cutting felsic veins with strong K-Na alteration. Sharp contacts with sheared TON.																											
736.78	740.13	DIKE-Felsic																									
Dike-Felsic: Cream-white colour, f.g-m.g well-foliated matrix nearly parallel to core axis. Pl-Qtz-(Ms) groundmass, moderate Na-Si alteration. Trace pyrite. Sharp contacts.																											
740.13	743.54	TON																									
TON: Cream-pink colour, moderate to strong K-Na-Si alteration, strongly foliated 40-50 DTCA, m.g Pl-Qtz-Bt-Hbl groundmass, Ep veinlets irregularly cross-cut, 0.1% f.g disseminated pyrite, sharp lower contact.																											
743.54	745.25	DIKE-Mafic																									
Dike-Mafic: Black-green colour, f.g groundmass, moderate to strong Chl-Ep-Na alteration, x-cutting felsic vinelets with strong K-alt, 0.1% f.g disseminated pyrite. Sharp contacts. Irregular Ep-Chl veinlets x-cut throughout.																											
745.25	775.00	TON	HH21-104217	ASSAY	TB21115998	763.82	765.00	1.18	0.001	0.003	0.001	0.002	0.002	0.002													
TON: Cream-pink colour, m.g-c.g granular to moderately foliated, moderate to strong Na-Si-K alteration, x-cutting intermediate to mafic dikes with sharp contacts. Variable unit with sporadic mineral concentrations throughout. 0.1% f.g disseminated pyrite. Abundant dikes x-cut unit from 756-773m which also produces strong variability in alteration within unit. Minimal fractures for proximity to fault. Sharp lower contact with rubble material which appears to be mafic intrusive, TON still intact.																											
															HH21-104218	ASSAY	TB21115998	765.00	766.00	1.00	0.001	0.003	0.001	0.003	0.001	0.002	0.001
															HH21-104219	ASSAY	TB21144609	766.00	767.00	1.00	0.001	0.003	0.001	0.002	0.000	0.001	
															HH21-104220	ASSAY	TB21144609	767.00	768.00	1.00	0.001	0.003	0.001	0.001	0.000	0.000	
															HH21-104221	ASSAY	TB21144609	768.00	769.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001	
															HH21-104222	ASSAY	TB21144609	769.00	770.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001	
															HH21-104224	ASSAY	TB21144609	770.00	771.00	1.00	0.001	0.003	0.001	0.003	0.001	0.001	
															HH21-104225	ASSAY	TB21144609	771.00	772.00	1.00	0.001	0.003	0.001	0.007	0.002	0.002	
															HH21-104226	ASSAY	TB21144609	772.00	773.00	1.00	0.002	0.003	0.001	0.001	0.001	0.001	
															HH21-104227	ASSAY	TB21144609	773.00	774.00	1.00	0.001	0.003	0.001	0.005	0.001	0.002	
HH21-104228	ASSAY	TB21144609	774.00	775.00	1.00	0.002	0.003	0.003	0.014	0.002	0.002																

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
775.00	780.33	FAULT-CL	HH21-104229	ASSAY	TB21115998	775.00	776.00	1.00	0.237	0.039	0.003	0.028	0.057	0.006
CAMP LAKE FAULT: Entirety of fault is hosted within the MNOR unit. Extreme Chl-Act alteration, trace disseminated pyrite, fault gouge and fracturing throughout. Beginning of fault zone shows sharp contact with upper TON. Although fault zone begins with rubble core followed by 1.2m void noted by drillers, none of fault zone rock in core box appears to be tonalite. Overall, zone is approx 50/50 rubble core with fault gouge and competent but extremely Chl-Act altered and sheared MNOR. Longest stretch of competent core is observed from 777-778.39m, followed again by rubble core and extremely fractures/foliated MNOR. End of fault zone marked by more rubble core and a sharp contact with continuously competent MNOR.			HH21-104230	ASSAY	TB21115998	776.00	777.00	1.00	0.171	0.065	0.001	0.014	0.055	0.007
			HH21-104231	ASSAY	TB21115998	777.00	778.00	1.00	0.156	0.035	0.002	0.005	0.053	0.009
			HH21-104232	ASSAY	TB21115998	778.00	779.10	1.10	0.079	0.026	0.002	0.007	0.049	0.008
			HH21-104233	ASSAY	TB21115998	779.10	780.33	1.23	0.127	0.032	0.001	0.006	0.053	0.008
			780.33	785.00	MNOR	HH21-104234	ASSAY	TB21115998	780.33	781.00	0.67	0.094	0.025	0.001
MNOR: Dark green-black colour, f.g-m.g groundmass pervasively altered by extreme Chl-Act alteration. Weak foliation observed in localized sections as well as black cumulus OPX crystals. 0.1% f.g disseminated Py-Ccp-Po within matrix. Sharp lower contact with dike.			HH21-104235	ASSAY	TB21115998	781.00	782.00	1.00	0.224	0.044	0.003	0.005	0.053	0.008
			HH21-104236	ASSAY	TB21115998	782.00	783.00	1.00	0.098	0.032	0.001	0.004	0.055	0.008
			HH21-104238	ASSAY	TB21129362	783.00	784.00	1.00	0.085	0.028	0.002	0.005	0.053	0.008
			HH21-104239	ASSAY	TB21129362	784.00	785.00	1.00	0.098	0.032	0.001	0.002	0.055	0.008
			785.00	787.00	DIKE-Felsic	HH21-104240	ASSAY	TB21129362	785.00	786.00	1.00	0.009	0.003	0.005
Dike-Felsic: Grey-pink colour, f.g groundmass, moderate to strong K-Si-Ep alteration, stringer pyrite hosted within Qtz veins, sharp contacts. Minor NOR xeno hosted from 786-786.10m.			HH21-104241	ASSAY	TB21129362	786.00	787.00	1.00	0.003	0.003	0.046	0.024	0.005	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
787.00	846.00	MNOR	HH21-104242	ASSAY	TB21129362	787.00	788.00	1.00	0.155	0.033	0.012	0.009	0.044	0.007
MNOR: Dark green-black colour, f.g-m.g groundmass pervasively altered by extreme Chl-Act alteration. Weak foliation observed in localized sections as well as black cumulus OPX crystals. 0.1% f.g disseminated Py-Ccp-Po within matrix. Sharp lower contact with dike. Minor x-cutting felsic veinlets and mafic dikes. From 812-822m unit displays weak mottled texture from Na-alt m.g plag disseminated within matrix. Minor shears zones within unit 40-60 DTCA.			HH21-104243	ASSAY	TB21129362	788.00	789.00	1.00	0.133	0.037	0.004	0.004	0.052	0.008
			HH21-104244	ASSAY	TB21129362	789.00	790.00	1.00	0.277	0.058	0.005	0.005	0.053	0.008
			HH21-104245	ASSAY	TB21129362	790.00	791.00	1.00	0.138	0.037	0.006	0.006	0.054	0.008
			HH21-104246	ASSAY	TB21129362	791.00	792.00	1.00	0.089	0.032	0.004	0.006	0.054	0.008
			HH21-104247	ASSAY	TB21129362	792.00	793.00	1.00	0.177	0.041	0.009	0.009	0.053	0.008
			HH21-104248	ASSAY	TB21129362	793.00	794.00	1.00	0.175	0.043	0.005	0.016	0.050	0.008
			HH21-104249	ASSAY	TB21129362	794.00	795.00	1.00	0.115	0.037	0.006	0.006	0.052	0.008
			HH21-104250	ASSAY	TB21129362	795.00	796.00	1.00	0.139	0.037	0.004	0.005	0.053	0.008
			HH21-104251	ASSAY	TB21129362	796.00	797.00	1.00	0.167	0.040	0.008	0.006	0.054	0.008
			HH21-104253	ASSAY	TB21129362	797.00	798.00	1.00	0.180	0.042	0.010	0.006	0.054	0.008
			HH21-104254	ASSAY	TB21129362	798.00	799.00	1.00	0.103	0.030	0.007	0.007	0.052	0.008
			HH21-104255	ASSAY	TB21129362	799.00	800.00	1.00	0.095	0.034	0.005	0.006	0.052	0.008
			HH21-104256	ASSAY	TB21129362	800.00	801.00	1.00	0.136	0.037	0.006	0.005	0.051	0.008
			HH21-104257	ASSAY	TB21129362	801.00	802.00	1.00	0.094	0.022	0.002	0.007	0.053	0.008
			HH21-104258	ASSAY	TB21129362	802.00	803.00	1.00	0.124	0.024	0.003	0.007	0.050	0.008
			HH21-104259	ASSAY	TB21129362	803.00	804.00	1.00	0.121	0.034	0.007	0.008	0.052	0.008
			HH21-104261	ASSAY	TB21129362	804.00	805.00	1.00	0.149	0.039	0.007	0.007	0.052	0.008
			HH21-104262	ASSAY	TB21129362	805.00	806.00	1.00	0.115	0.033	0.006	0.006	0.051	0.008
			HH21-104263	ASSAY	TB21129362	806.00	807.00	1.00	0.136	0.040	0.007	0.006	0.052	0.008
			HH21-104264	ASSAY	TB21129362	807.00	808.00	1.00	0.132	0.040	0.008	0.006	0.051	0.008
			HH21-104265	ASSAY	TB21129362	808.00	809.00	1.00	0.143	0.036	0.007	0.010	0.051	0.008
			HH21-104266	ASSAY	TB21129362	809.00	810.00	1.00	0.172	0.035	0.005	0.006	0.048	0.007
			HH21-104267	ASSAY	TB21129362	810.00	811.00	1.00	0.132	0.037	0.007	0.008	0.052	0.008
			HH21-104268	ASSAY	TB21129362	811.00	812.00	1.00	0.169	0.039	0.011	0.009	0.055	0.008
HH21-104269	ASSAY	TB21129362	812.00	813.00	1.00	0.266	0.051	0.014	0.009	0.055	0.008			
HH21-104270	ASSAY	TB21129362	813.00	814.00	1.00	0.143	0.043	0.012	0.008	0.053	0.008			
HH21-104271	ASSAY	TB21129362	814.00	815.00	1.00	0.142	0.038	0.007	0.007	0.049	0.007			
HH21-104272	ASSAY	TB21129362	815.00	816.00	1.00	0.148	0.041	0.009	0.007	0.051	0.008			
HH21-104273	ASSAY	TB21129362	816.00	817.00	1.00	0.148	0.042	0.010	0.008	0.053	0.008			
HH21-104274	ASSAY	TB21129362	817.00	818.00	1.00	0.117	0.037	0.009	0.007	0.048	0.007			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104275	ASSAY	TB21129362	818.00	819.00	1.00	0.091	0.032	0.009	0.008	0.056	0.008
			HH21-104276	ASSAY	TB21129362	819.00	820.00	1.00	0.093	0.035	0.010	0.008	0.056	0.008
			HH21-104278	ASSAY	TB21129362	820.00	821.00	1.00	0.124	0.035	0.006	0.008	0.055	0.008
			HH21-104279	ASSAY	TB21129362	821.00	822.00	1.00	0.133	0.040	0.004	0.008	0.050	0.008
			HH21-104280	ASSAY	TB21129362	822.00	823.00	1.00	0.129	0.043	0.003	0.007	0.053	0.008
			HH21-104281	ASSAY	TB21129362	823.00	824.00	1.00	0.350	0.066	0.005	0.008	0.052	0.008
			HH21-104282	ASSAY	TB21129362	824.00	825.00	1.00	0.090	0.033	0.006	0.007	0.048	0.007
			HH21-104283	ASSAY	TB21129362	825.00	826.00	1.00	0.111	0.034	0.010	0.008	0.048	0.007
			HH21-104284	ASSAY	TB21129362	826.00	827.00	1.00	0.116	0.034	0.007	0.008	0.052	0.008
			HH21-104285	ASSAY	TB21129362	827.00	828.00	1.00	0.108	0.038	0.005	0.005	0.050	0.008
			HH21-104286	ASSAY	TB21129362	828.00	829.00	1.00	0.675	0.096	0.013	0.009	0.055	0.008
			HH21-104287	ASSAY	TB21129362	829.00	830.00	1.00	0.181	0.035	0.010	0.009	0.055	0.008
			HH21-104288	ASSAY	TB21129362	830.00	831.00	1.00	0.099	0.029	0.001	0.005	0.049	0.008
			HH21-104289	ASSAY	TB21129362	831.00	832.00	1.00	0.101	0.033	0.001	0.007	0.053	0.008
			HH21-104290	ASSAY	TB21129362	832.00	833.00	1.00	0.153	0.042	0.003	0.008	0.053	0.008
			HH21-104291	ASSAY	TB21129362	833.00	834.00	1.00	0.109	0.032	0.001	0.007	0.053	0.008
			HH21-104292	ASSAY	TB21129362	834.00	835.00	1.00	0.088	0.031	0.001	0.006	0.047	0.007
			HH21-104293	ASSAY	TB21129362	835.00	836.00	1.00	0.489	0.077	0.005	0.010	0.054	0.008
			HH21-104294	ASSAY	TB21129362	836.00	837.00	1.00	0.105	0.031	0.002	0.007	0.051	0.008
			HH21-104295	ASSAY	TB21129362	837.00	838.00	1.00	0.186	0.044	0.002	0.008	0.051	0.008
			HH21-104296	ASSAY	TB21129362	838.00	839.00	1.00	0.075	0.028	0.002	0.009	0.050	0.008
			HH21-104297	ASSAY	TB21129362	839.00	840.00	1.00	0.125	0.031	0.001	0.007	0.050	0.008
			HH21-104298	ASSAY	TB21129362	840.00	841.00	1.00	0.236	0.042	0.002	0.008	0.050	0.008
			HH21-104299	ASSAY	TB21129362	841.00	842.00	1.00	0.097	0.032	0.002	0.006	0.048	0.008
			HH21-104301	ASSAY	TB21129362	842.00	843.50	1.50	0.096	0.028	0.002	0.004	0.049	0.008
			HH21-104502	ASSAY	TB21144157	843.50	844.50	1.00	0.069	0.021	0.001	0.005	0.039	0.006
			HH21-104503	ASSAY	TB21144157	844.50	846.00	1.50	0.094	0.029	0.001	0.005	0.052	0.008

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	191.62	-67.55	EXSPRINT	O	
4.95	189.07	-67.24	EXSPRINT	O	
9.94	188.47	-67.23	EXSPRINT	O	
14.94	188.47	-67.24	EXSPRINT	O	
19.98	188.47	-67.25	EXSPRINT	O	
24.97	188.54	-67.23	EXSPRINT	O	
30.00	188.69	-67.19	EXSPRINT	O	
35.00	188.78	-67.16	EXSPRINT	O	
39.96	188.82	-67.11	EXSPRINT	O	
45.00	188.90	-67.06	EXSPRINT	O	
49.94	189.04	-67.03	EXSPRINT	O	
54.97	189.08	-67.00	EXSPRINT	O	
59.94	189.19	-66.91	EXSPRINT	O	
64.97	189.24	-66.91	EXSPRINT	O	
69.97	189.34	-66.85	EXSPRINT	O	
74.92	189.42	-66.85	EXSPRINT	O	
79.96	189.51	-66.84	EXSPRINT	O	
84.94	189.62	-66.80	EXSPRINT	O	
89.97	189.70	-66.81	EXSPRINT	O	
94.92	189.70	-66.79	EXSPRINT	O	
99.97	189.80	-66.75	EXSPRINT	O	
104.93	189.88	-66.74	EXSPRINT	O	
109.94	189.99	-66.70	EXSPRINT	O	
114.98	190.00	-66.68	EXSPRINT	O	
119.94	190.07	-66.63	EXSPRINT	O	
125.00	190.18	-66.59	EXSPRINT	O	
129.91	190.22	-66.54	EXSPRINT	O	
134.97	190.25	-66.51	EXSPRINT	O	
140.00	190.28	-66.47	EXSPRINT	O	
144.92	190.34	-66.43	EXSPRINT	O	
149.93	190.29	-66.39	EXSPRINT	O	
154.97	190.33	-66.36	EXSPRINT	O	
159.93	190.38	-66.33	EXSPRINT	O	
165.00	190.52	-66.34	EXSPRINT	O	
169.99	190.52	-66.33	EXSPRINT	O	
174.92	190.60	-66.29	EXSPRINT	O	
179.93	190.66	-66.24	EXSPRINT	O	

185.00	190.75	-66.19	EXSPRINT	O
189.97	190.87	-66.13	EXSPRINT	O
194.92	190.96	-66.13	EXSPRINT	O
199.98	190.96	-66.09	EXSPRINT	O
204.92	190.98	-66.03	EXSPRINT	O
209.94	191.06	-65.97	EXSPRINT	O
214.95	191.11	-65.99	EXSPRINT	O
219.99	191.28	-65.92	EXSPRINT	O
224.95	191.32	-65.89	EXSPRINT	O
230.00	191.36	-65.85	EXSPRINT	O
234.97	191.48	-65.80	EXSPRINT	O
239.97	191.49	-65.76	EXSPRINT	O
244.97	191.61	-65.74	EXSPRINT	O
250.00	191.62	-65.69	EXSPRINT	O
254.96	191.72	-65.64	EXSPRINT	O
259.93	191.67	-65.61	EXSPRINT	O
264.96	191.77	-65.53	EXSPRINT	O
269.93	191.78	-65.49	EXSPRINT	O
275.00	191.90	-65.42	EXSPRINT	O
279.97	192.00	-65.40	EXSPRINT	O
284.99	192.12	-65.35	EXSPRINT	O
289.99	192.21	-65.27	EXSPRINT	O
294.99	192.17	-65.20	EXSPRINT	O
299.91	192.31	-65.15	EXSPRINT	O
304.91	192.40	-65.15	EXSPRINT	O
309.90	192.44	-65.10	EXSPRINT	O
315.00	192.49	-65.08	EXSPRINT	O
319.94	192.54	-65.02	EXSPRINT	O
324.94	192.63	-65.01	EXSPRINT	O
329.94	192.67	-64.98	EXSPRINT	O
334.95	192.72	-64.95	EXSPRINT	O
339.92	192.73	-64.93	EXSPRINT	O
345.00	192.79	-64.95	EXSPRINT	O
349.93	192.85	-64.92	EXSPRINT	O
354.99	192.84	-64.86	EXSPRINT	O
359.92	192.85	-64.82	EXSPRINT	O
364.98	192.83	-64.79	EXSPRINT	O
369.98	192.84	-64.74	EXSPRINT	O
374.99	192.88	-64.69	EXSPRINT	O
379.96	192.86	-64.68	EXSPRINT	O

384.93	192.84	-64.73	EXSPRINT	O
389.91	192.88	-64.74	EXSPRINT	O
394.98	192.78	-64.68	EXSPRINT	O
399.98	192.81	-64.69	EXSPRINT	O
404.94	192.79	-64.70	EXSPRINT	O
409.98	192.78	-64.65	EXSPRINT	O
414.92	192.80	-64.69	EXSPRINT	O
419.92	192.65	-64.70	EXSPRINT	O
424.97	192.75	-64.46	EXSPRINT	O
430.00	192.62	-64.43	EXSPRINT	O
434.97	192.69	-64.42	EXSPRINT	O
439.89	192.78	-64.40	EXSPRINT	O
444.96	192.82	-64.38	EXSPRINT	O
449.96	192.93	-64.57	EXSPRINT	O
454.96	192.83	-64.60	EXSPRINT	O
459.96	192.83	-64.63	EXSPRINT	O
464.97	192.82	-64.67	EXSPRINT	O
470.00	192.89	-64.69	EXSPRINT	O
474.91	192.89	-64.74	EXSPRINT	O
479.98	192.78	-64.71	EXSPRINT	O
484.93	192.89	-64.72	EXSPRINT	O
489.97	193.07	-64.85	EXSPRINT	O
494.96	193.08	-64.83	EXSPRINT	O
499.90	193.27	-64.92	EXSPRINT	O
504.94	193.40	-64.86	EXSPRINT	O
509.94	193.52	-64.86	EXSPRINT	O
515.00	193.71	-64.79	EXSPRINT	O
519.98	193.79	-64.78	EXSPRINT	O
524.98	193.59	-64.80	EXSPRINT	O
529.97	193.63	-64.92	EXSPRINT	O
534.94	193.72	-64.89	EXSPRINT	O
539.94	193.91	-64.84	EXSPRINT	O
544.96	194.01	-64.79	EXSPRINT	O
549.95	194.04	-64.70	EXSPRINT	O
554.95	193.86	-64.62	EXSPRINT	O
559.91	193.87	-64.65	EXSPRINT	O
564.91	194.00	-64.62	EXSPRINT	O
569.91	194.01	-64.59	EXSPRINT	O
574.98	193.86	-64.63	EXSPRINT	O
579.99	193.94	-64.71	EXSPRINT	O

Hole Number: **21-701Z**

Units: **METRIC**

584.99	194.22	-65.09	EXSPRINT	O
589.91	194.31	-65.13	EXSPRINT	O
594.98	194.22	-65.11	EXSPRINT	O
599.93	194.20	-65.05	EXSPRINT	O
604.90	194.30	-65.02	EXSPRINT	O
609.91	194.26	-65.00	EXSPRINT	O
614.91	194.14	-64.99	EXSPRINT	O
619.95	194.32	-65.01	EXSPRINT	O
624.99	194.48	-65.01	EXSPRINT	O
629.95	194.40	-65.02	EXSPRINT	O
634.99	194.56	-65.11	EXSPRINT	O
639.99	194.48	-65.15	EXSPRINT	O
644.90	194.41	-65.13	EXSPRINT	O
649.95	194.35	-65.06	EXSPRINT	O
654.92	194.19	-65.02	EXSPRINT	O
659.98	194.14	-64.98	EXSPRINT	O
664.91	194.23	-64.93	EXSPRINT	O
669.93	194.32	-64.95	EXSPRINT	O
674.98	194.07	-64.83	EXSPRINT	O
679.96	194.35	-64.99	EXSPRINT	O
684.96	194.34	-64.94	EXSPRINT	O
689.96	194.23	-64.71	EXSPRINT	O
693.60	194.23	-64.71	EXSPRINT	O



**Detailed Log Report
Hole Number 21-701W1Z**

Project Name: LDI - Mine	Primary Coordinates Grid: MINE:	Hole Status: Completed
Project Code: LDI MINE	North: 31,840.28	Length: 1,352.00
Location:	East: 31,885.79	Hole Size: NQ
Start Date: May 10, 2021	Elev: -581.85	Hole Type: DDH
Completed Date: Jun 13, 2021	Collar Dip:	Casing: No
Contractor: G4 Forage Drilling	Collar Az:	Cemented: Yes
Core Storage: Lac des Iles Minesite-cross piles	Destination Coordinates Grid: UTM83-16	Collar Survey: N
Units: METRIC	North: 5,449,444.94	Plugged: N
Start Log: May 27, 2021	East: 309,248.89	Multishot Survey: N
End Log: Jun 16, 2021	Elev: -581.85	Pulse EM Survey: N
Logged By 1: Kyle Miller	Claim: 252	EOH: 1,352.00
		Artesian Cond: No
		Abandon Reason:

Comments: Wedged hole off of 21-701.
Wedge set at ~588 meters. Reduced to BQ @ 792 meters

Detailed Lithology															
From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd	Pt	Au	Cu	Co	Ni	
									ppm	ppm	ppm	%	%	%	
589.00	601.63	TON													
TON: Cream-grey with pink, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite. Sharp lower contact into augen tonalite															

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
601.63	633.67	TON												
<p>Augen/Mottled TON: White an- to subhedral, m.g-c.g equant to lath plagioclase surrounded by black, anhedral, interstitial f.g-m.g Bt-Hbl. Has appearance of augen texture but mafic minerals do not appear strongly foliated around plag. Overall 60-70% plag and 30-40% mafic minerals. Weak to moderate Na-Si-(Ep-K) alteration. Mineralization <0.5% f.g disseminated pyrite, an large increase in matrix pyrite is observed compared to previous TON logged. Occasional X-cutting intermediate to mafic dikes. Sharp lower contact back into tonalite</p>														
633.67	675.40	TON												
<p>TON: Cream-grey-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite. Abundant x-cutting mafic dikes and strong foliation ~35dtca. Occasional felsic dikes.</p>														
675.40	686.87	DIKE-Intermediate												
<p>Dike-Intermediate: Black-green colour, fine-grained groundmass, strong Ep-Chl alteration, ~0.1% f.g disseminated to stringer pyrite. Occasional felsic dikes/dikelets. Sharp contacts.</p>														
686.87	775.08	TON												
<p>TON: Cream-grey-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite. Abundant x-cutting mafic and felsic dikes/dikelets and strong foliation ~30-50dtca. Sharp lower contact into intermediate dike.</p>														
775.08	776.70	DIKE-Intermediate												
<p>Dike-Intermediate: Black-green colour, f.g groundmass, weak Chl-Ep-Na alteration, x-cutting felsic veinlets with strong K-alt, 0.1% f.g disseminated pyrite. Sharp contacts. Irregular Ep-Chl veinlets x-cut throughout.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
776.70	785.90	TON	HH21-104504	ASSAY	TB21144157	781.12	782.00	0.88	0.001	0.003	0.001	0.011	0.003	0.002
TON: Cream-grey-pink colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate pervasive Si-Na alteration with weak to moderate K-Ep alt haloes around fractures/veins. 0.1% f.g disseminated pyrite. Abundant x-cutting mafic and felsic dikes/dikelets and strong foliation ~30-50dtca. Sharp lower contact with Camp Lake Fault. Pre-fault deformation occurs ~784.40m+ depth.			HH21-104506	ASSAY	TB21144157	782.00	783.00	1.00	0.001	0.003	0.001	0.005	0.003	0.001
			HH21-104507	ASSAY	TB21144157	783.00	784.00	1.00	0.001	0.003	0.001	0.003	0.002	0.001
			HH21-104508	ASSAY	TB21144157	784.00	785.00	1.00	0.001	0.003	0.002	0.003	0.003	0.001
			HH21-104509	ASSAY	TB21144157	785.00	785.90	0.90	0.060	0.003	0.001	0.001	0.008	0.002
785.90	787.00	FAULT-CL	HH21-104510	ASSAY	TB21144157	785.90	787.00	1.10	0.274	0.043	0.004	0.016	0.046	0.007
CAMP LAKE FAULT: Entirety of fault is hosted within the MNOR unit. Extreme Chl-Act alteration, trace disseminated pyrite, fault gouge throughout. Beginning of fault zone shows sharp contact with upper TON. Although fault zone begins with rubble core, none of fault zone rock in core box appears to be tonalite. Overall, zone is approx 40/60 rubble core with fault gouge Longest stretch of competent core is observed ~10cm, followed again by rubble core and extremely fractures/foliated MNOR. End of fault zone marked by more rubble core and a sharp contact with continuously competent MNOR.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
787.00	816.16	MNOR	HH21-104511	ASSAY	TB21144157	787.00	788.00	1.00	0.090	0.030	0.002	0.005	0.053	0.008
<p>MNOR: Dark green-black colour, f.g-m.g groundmass pervasively altered by extreme Chl-Act alteration. Weak foliation observed in localized sections as well as black cumulus OPX crystals. 0.1% f.g disseminated Py-Ccp-Po within matrix. Extreme gouge and rubble core for 20cm fault @788.80m depth. (This is at the end of run and possibly cave.) From 789 onwards, rock is fine to medium grained groundmass (exhibiting extreme chl-act alt) with medium grained plagioclase phenos (these may only look lik phenos due to extreme chl-act alteration. Plagioclase is bleached, with weak-moderate potassic alteration). Rock is massive, with many mechanical breaks to 795 meters. Hairline fractures, infilled with calcite are present in localalized clusters from 796 to 807 meters. Sulphide is limited to trace amounts, typically in fractures. Lower contact with felsic-intermediate dike is sharp.</p>			HH21-104512	ASSAY	TB21144157	788.00	789.00	1.00	0.103	0.031	0.001	0.004	0.051	0.008
			HH21-104513	ASSAY	TB21144157	789.00	790.00	1.00	0.099	0.030	0.002	0.005	0.051	0.008
			HH21-104514	ASSAY	TB21144157	790.00	791.00	1.00	0.092	0.028	0.006	0.005	0.052	0.008
			HH21-104515	ASSAY	TB21144157	791.00	792.00	1.00	0.165	0.042	0.006	0.006	0.052	0.008
			HH21-104516	ASSAY	TB21144157	792.00	793.00	1.00	0.083	0.030	0.006	0.005	0.050	0.008
			HH21-104517	ASSAY	TB21144157	793.00	794.00	1.00	0.086	0.026	0.005	0.005	0.052	0.008
			HH21-104518	ASSAY	TB21144157	794.00	795.00	1.00	0.078	0.029	0.008	0.007	0.051	0.008
			HH21-104519	ASSAY	TB21144157	795.00	796.00	1.00	0.093	0.028	0.006	0.006	0.052	0.008
			HH21-104521	ASSAY	TB21144157	796.00	797.00	1.00	0.074	0.031	0.004	0.006	0.051	0.008
			HH21-104522	ASSAY	TB21144157	797.00	798.00	1.00	0.071	0.026	0.007	0.006	0.051	0.008
			HH21-104523	ASSAY	TB21144157	798.00	799.00	1.00	0.108	0.032	0.008	0.006	0.051	0.008
			HH21-104524	ASSAY	TB21144157	799.00	800.00	1.00	0.256	0.049	0.008	0.007	0.053	0.008
			HH21-104525	ASSAY	TB21144157	800.00	801.00	1.00	0.211	0.040	0.007	0.006	0.052	0.008
			HH21-104526	ASSAY	TB21144157	801.00	802.00	1.00	0.084	0.029	0.006	0.005	0.051	0.008
			HH21-104527	ASSAY	TB21144157	802.00	803.00	1.00	0.103	0.031	0.011	0.005	0.052	0.008
			HH21-104529	ASSAY	TB21144157	803.00	804.00	1.00	0.173	0.048	0.009	0.007	0.052	0.008
			HH21-104530	ASSAY	TB21144157	804.00	805.00	1.00	0.123	0.036	0.009	0.006	0.052	0.008
			HH21-104531	ASSAY	TB21144157	805.00	806.00	1.00	0.149	0.046	0.009	0.005	0.050	0.008
			HH21-104532	ASSAY	TB21144157	806.00	807.00	1.00	0.086	0.031	0.001	0.007	0.050	0.007
			HH21-104533	ASSAY	TB21144157	807.00	808.00	1.00	0.099	0.031	0.001	0.003	0.052	0.007
HH21-104534	ASSAY	TB21144157	808.00	809.00	1.00	0.184	0.041	0.006	0.005	0.053	0.008			
HH21-104535	ASSAY	TB21144157	809.00	810.00	1.00	0.116	0.030	0.008	0.007	0.053	0.008			
HH21-104536	ASSAY	TB21144157	810.00	811.00	1.00	0.219	0.045	0.006	0.005	0.052	0.008			
HH21-104537	ASSAY	TB21144157	811.00	812.00	1.00	0.085	0.030	0.005	0.006	0.052	0.008			
HH21-104538	ASSAY	TB21144157	812.00	813.00	1.00	0.076	0.031	0.008	0.006	0.052	0.008			
HH21-104539	ASSAY	TB21144157	813.00	814.00	1.00	0.088	0.031	0.005	0.005	0.053	0.008			
HH21-104540	ASSAY	TB21144157	814.00	815.00	1.00	0.088	0.029	0.006	0.006	0.051	0.008			
HH21-104541	ASSAY	TB21144157	815.00	815.58	0.58	0.074	0.029	0.005	0.008	0.054	0.008			
HH21-104542	ASSAY	TB21144157	815.58	816.16	0.58	0.088	0.030	0.001	0.002	0.051	0.008			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
816.16	817.37	DIKE-Intermediate	HH21-104543	ASSAY	TB21144157	816.16	817.37	1.21	0.008	0.003	0.001	0.009	0.006	0.001

Dike- felsic intermediate. Medium grained, with weak potassic and silica alteration, Sharp upper and lower contacts.

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
817.37	913.13	MNOR	HH21-104544	ASSAY	TB21144157	817.37	818.00	0.63	0.046	0.019	0.005	0.007	0.031	0.005
MNOR to altered NOR- medium grained and massive, with bleached/sassuritized plagioclase to ~845 meters. Rock exhibits strong chl-act alteration throughout. After 845, plagioclase is difficult to differentiate and grain boundaries are difficult to discern due to high degree of alteration. Rock may become more pyx-rich after 845. From 856-895, cm-scale quartz-feldspar-magnetite dikelets are common. Mineralization is rare, limited to trace disseminated cpy-py. An interval from 855-857 exhibits higher Cu Ni values in the XRF, this correlates to only a slight increase (.2) of sulphide. After 902, localized patches of blebby cpy-po-py and v.f disseminated sulphide, still in abundances of <.5% overall. Sharp lower contact with EGAB.			HH21-104546	ASSAY	TB21144157	818.00	819.00	1.00	0.083	0.032	0.004	0.005	0.051	0.008
			HH21-104547	ASSAY	TB21144157	819.00	820.00	1.00	0.120	0.038	0.009	0.006	0.048	0.007
			HH21-104548	ASSAY	TB21144157	820.00	821.00	1.00	0.086	0.031	0.005	0.004	0.052	0.008
			HH21-104550	ASSAY	TB21144162	821.00	822.00	1.00	0.082	0.032	0.011	0.007	0.051	0.008
			HH21-104551	ASSAY	TB21144162	822.00	823.00	1.00	0.119	0.039	0.008	0.005	0.050	0.008
			HH21-104552	ASSAY	TB21144162	823.00	824.00	1.00	0.073	0.033	0.009	0.006	0.053	0.008
			HH21-104553	ASSAY	TB21144162	824.00	825.00	1.00	0.082	0.032	0.007	0.006	0.052	0.008
			HH21-104554	ASSAY	TB21144162	825.00	826.00	1.00	0.194	0.042	0.007	0.005	0.052	0.008
			HH21-104555	ASSAY	TB21144162	826.00	827.00	1.00	0.943	0.124	0.023	0.007	0.055	0.008
			HH21-104556	ASSAY	TB21144162	827.00	828.00	1.00	0.236	0.044	0.007	0.005	0.053	0.008
			HH21-104557	ASSAY	TB21144162	828.00	829.00	1.00	0.108	0.034	0.006	0.006	0.053	0.008
			HH21-104558	ASSAY	TB21144162	829.00	830.00	1.00	0.186	0.035	0.004	0.003	0.050	0.008
			HH21-104559	ASSAY	TB21144162	830.00	831.00	1.00	0.156	0.035	0.008	0.005	0.052	0.008
			HH21-104560	ASSAY	TB21144162	831.00	832.00	1.00	0.195	0.048	0.006	0.005	0.053	0.008
			HH21-104561	ASSAY	TB21144162	832.00	833.00	1.00	0.102	0.034	0.007	0.005	0.052	0.008
			HH21-104562	ASSAY	TB21144162	833.00	834.00	1.00	0.162	0.041	0.005	0.005	0.053	0.008
			HH21-104563	ASSAY	TB21144162	834.00	835.00	1.00	0.199	0.045	0.010	0.006	0.053	0.008
			HH21-104564	ASSAY	TB21144162	835.00	836.00	1.00	0.164	0.043	0.009	0.006	0.053	0.008
			HH21-104565	ASSAY	TB21144162	836.00	837.00	1.00	0.159	0.037	0.009	0.005	0.053	0.008
			HH21-104566	ASSAY	TB21144162	837.00	838.00	1.00	0.161	0.037	0.007	0.004	0.054	0.008
HH21-104568	ASSAY	TB21144162	838.00	839.00	1.00	0.070	0.031	0.009	0.006	0.051	0.008			
HH21-104569	ASSAY	TB21144162	839.00	840.00	1.00	0.089	0.035	0.091	0.005	0.051	0.008			
HH21-104570	ASSAY	TB21144162	840.00	841.00	1.00	0.122	0.035	0.008	0.005	0.052	0.008			
HH21-104571	ASSAY	TB21144162	841.00	842.00	1.00	0.082	0.034	0.008	0.006	0.052	0.008			
HH21-104572	ASSAY	TB21144162	842.00	843.00	1.00	0.120	0.034	0.008	0.005	0.055	0.008			
HH21-104573	ASSAY	TB21144162	843.00	844.00	1.00	0.096	0.034	0.012	0.005	0.053	0.008			
HH21-104574	ASSAY	TB21144162	844.00	845.00	1.00	0.095	0.037	0.006	0.004	0.052	0.008			
HH21-104575	ASSAY	TB21144162	845.00	846.00	1.00	0.105	0.033	0.003	0.003	0.052	0.008			
HH21-104576	ASSAY	TB21144162	846.00	847.00	1.00	0.112	0.036	0.011	0.007	0.052	0.008			
HH21-104577	ASSAY	TB21144162	847.00	848.00	1.00	0.085	0.033	0.008	0.007	0.053	0.008			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104578	ASSAY	TB21144162	848.00	849.00	1.00	0.111	0.036	0.010	0.007	0.051	0.008
			HH21-104579	ASSAY	TB21144162	849.00	850.00	1.00	0.085	0.030	0.012	0.008	0.051	0.008
			HH21-104580	ASSAY	TB21144162	850.00	851.00	1.00	0.089	0.028	0.010	0.008	0.055	0.008
			HH21-104581	ASSAY	TB21144162	851.00	852.00	1.00	0.275	0.048	0.014	0.008	0.056	0.008
			HH21-104582	ASSAY	TB21144162	852.00	853.00	1.00	0.209	0.050	0.010	0.007	0.055	0.008
			HH21-104583	ASSAY	TB21144162	853.00	854.00	1.00	0.150	0.046	0.014	0.009	0.055	0.008
			HH21-104584	ASSAY	TB21144162	854.00	855.00	1.00	0.174	0.045	0.012	0.009	0.057	0.008
			HH21-104585	ASSAY	TB21144162	855.00	856.00	1.00	0.413	0.083	0.032	0.027	0.072	0.009
			HH21-104587	ASSAY	TB21144162	856.00	857.00	1.00	0.237	0.055	0.015	0.014	0.052	0.007
			HH21-104588	ASSAY	TB21144162	857.00	858.00	1.00	0.271	0.065	0.024	0.016	0.062	0.008
			HH21-104589	ASSAY	TB21144162	858.00	859.00	1.00	0.221	0.058	0.027	0.019	0.060	0.008
			HH21-104590	ASSAY	TB21144162	859.00	860.00	1.00	0.276	0.055	0.027	0.019	0.063	0.008
			HH21-104591	ASSAY	TB21144162	860.00	861.00	1.00	0.181	0.055	0.018	0.012	0.057	0.008
			HH21-104593	ASSAY	TB21144162	861.00	862.00	1.00	0.750	0.145	0.076	0.059	0.094	0.010
			HH21-104594	ASSAY	TB21144162	862.00	863.00	1.00	0.661	0.101	0.069	0.032	0.066	0.008
			HH21-104595	ASSAY	TB21144162	863.00	864.00	1.00	0.154	0.035	0.008	0.007	0.052	0.008
			HH21-104596	ASSAY	TB21144162	864.00	865.00	1.00	0.105	0.031	0.005	0.004	0.053	0.008
			HH21-104597	ASSAY	TB21144162	865.00	866.00	1.00	0.120	0.044	0.006	0.002	0.056	0.008
			HH21-104598	ASSAY	TB21144162	866.00	867.00	1.00	0.061	0.021	0.004	0.004	0.038	0.006
			HH21-104599	ASSAY	TB21144162	867.00	868.00	1.00	0.109	0.035	0.011	0.004	0.052	0.008
			HH21-104600	ASSAY	TB21144162	868.00	869.00	1.00	0.099	0.038	0.008	0.007	0.053	0.008
			HH21-104601	ASSAY	TB21144162	869.00	870.00	1.00	1.240	0.163	0.021	0.011	0.060	0.009
			HH21-104602	ASSAY	TB21144162	870.00	871.00	1.00	0.091	0.030	0.008	0.006	0.053	0.008
			HH21-104603	ASSAY	TB21144162	871.00	872.00	1.00	0.103	0.034	0.013	0.007	0.053	0.008
			HH21-104604	ASSAY	TB21144162	872.00	873.00	1.00	0.113	0.035	0.010	0.006	0.053	0.008
			HH21-104605	ASSAY	TB21144162	873.00	874.00	1.00	0.087	0.036	0.012	0.007	0.054	0.008
			HH21-104606	ASSAY	TB21144162	874.00	875.00	1.00	0.081	0.035	0.006	0.005	0.053	0.008
			HH21-104607	ASSAY	TB21144162	875.00	876.00	1.00	0.104	0.039	0.007	0.006	0.054	0.008
			HH21-104608	ASSAY	TB21144162	876.00	877.00	1.00	0.079	0.031	0.007	0.006	0.052	0.008
			HH21-104609	ASSAY	TB21144162	877.00	878.00	1.00	0.083	0.030	0.006	0.005	0.044	0.007
			HH21-104611	ASSAY	TB21144162	878.00	879.00	1.00	0.076	0.030	0.009	0.005	0.051	0.008
			HH21-104612	ASSAY	TB21144162	879.00	880.00	1.00	0.161	0.038	0.008	0.004	0.055	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104613	ASSAY	TB21144162	880.00	881.00	1.00	0.121	0.041	0.014	0.007	0.055	0.008
			HH21-104614	ASSAY	TB21144162	881.00	882.00	1.00	0.131	0.039	0.004	0.004	0.057	0.008
			HH21-104615	ASSAY	TB21144162	882.00	883.00	1.00	0.186	0.045	0.002	0.002	0.042	0.006
			HH21-104616	ASSAY	TB21144162	883.00	884.00	1.00	0.176	0.041	0.006	0.004	0.055	0.008
			HH21-104617	ASSAY	TB21144162	884.00	885.00	1.00	0.438	0.094	0.040	0.031	0.070	0.009
			HH21-104618	ASSAY	TB21144162	885.00	886.00	1.00	0.255	0.052	0.025	0.015	0.058	0.008
			HH21-104620	ASSAY	TB21144162	886.00	887.00	1.00	0.385	0.074	0.036	0.024	0.064	0.008
			HH21-104621	ASSAY	TB21144162	887.00	888.00	1.00	0.318	0.058	0.011	0.006	0.055	0.007
			HH21-104622	ASSAY	TB21144162	888.00	889.00	1.00	0.319	0.056	0.018	0.011	0.057	0.008
			HH21-104623	ASSAY	TB21144162	889.00	890.00	1.00	0.127	0.039	0.011	0.008	0.055	0.008
			HH21-104624	ASSAY	TB21144162	890.00	891.00	1.00	0.084	0.033	0.009	0.005	0.054	0.008
			HH21-104625	ASSAY	TB21144162	891.00	892.00	1.00	0.097	0.037	0.010	0.007	0.053	0.008
			HH21-104626	ASSAY	TB21144162	892.00	893.00	1.00	0.164	0.036	0.012	0.006	0.052	0.008
			HH21-104628	ASSAY	TB21147656	893.00	894.00	1.00	0.099	0.031	0.010	0.006	0.051	0.008
			HH21-104629	ASSAY	TB21147656	894.00	895.00	1.00	0.113	0.033	0.010	0.006	0.046	0.007
			HH21-104630	ASSAY	TB21147656	895.00	896.00	1.00	0.088	0.030	0.014	0.010	0.053	0.008
			HH21-104631	ASSAY	TB21147656	896.00	897.00	1.00	0.287	0.058	0.021	0.010	0.054	0.008
			HH21-104632	ASSAY	TB21147656	897.00	898.00	1.00	0.371	0.067	0.036	0.018	0.060	0.009
			HH21-104633	ASSAY	TB21147656	898.00	899.00	1.00	0.607	0.082	0.051	0.021	0.063	0.009
			HH21-104634	ASSAY	TB21147656	899.00	900.00	1.00	0.261	0.054	0.030	0.012	0.055	0.008
			HH21-104635	ASSAY	TB21147656	900.00	901.00	1.00	0.324	0.065	0.019	0.013	0.059	0.009
			HH21-104636	ASSAY	TB21147656	901.00	902.00	1.00	0.331	0.046	0.041	0.017	0.057	0.008
			HH21-104637	ASSAY	TB21147656	902.00	903.00	1.00	0.119	0.033	0.006	0.005	0.050	0.008
			HH21-104638	ASSAY	TB21147656	903.00	904.00	1.00	0.097	0.033	0.011	0.006	0.050	0.008
			HH21-104639	ASSAY	TB21147656	904.00	905.00	1.00	2.050	0.257	0.162	0.057	0.087	0.010
			HH21-104640	ASSAY	TB21147656	905.00	906.00	1.00	0.113	0.034	0.017	0.006	0.051	0.008
			HH21-104642	ASSAY	TB21147656	906.00	907.00	1.00	0.207	0.045	0.021	0.009	0.055	0.008
			HH21-104643	ASSAY	TB21147656	907.00	908.00	1.00	0.461	0.084	0.036	0.016	0.059	0.008
			HH21-104644	ASSAY	TB21147656	908.00	909.00	1.00	0.224	0.050	0.037	0.024	0.057	0.008
			HH21-104645	ASSAY	TB21147656	909.00	910.00	1.00	0.349	0.056	0.019	0.012	0.054	0.008
			HH21-104646	ASSAY	TB21147656	910.00	911.00	1.00	0.314	0.047	0.013	0.011	0.054	0.008
			HH21-104647	ASSAY	TB21147656	911.00	912.00	1.00	0.370	0.067	0.006	0.018	0.060	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104648	ASSAY	TB21147656	912.00	913.13	1.13	0.430	0.079	0.004	0.017	0.061	0.008
913.13	922.00	EGAB	HH21-104649	ASSAY	TB21147656	913.13	914.00	0.87	0.389	0.063	0.008	0.010	0.026	0.003
Sharp lower contact with chill margin(?) medium grained, grey-green, massive to weakly foliated (35 degrees tca). Leucocratic, with weak chl-act alteration of pyx and weak bleaching of plagioclase. Sheared and brecciated from 919-919.17. Rock exhibits trace pyrite, and exhibits a sharp lower contact, roughly parallel TCA. Contact with Gab-Vt has clasts of egab and almost appears brecciated.			HH21-104650	ASSAY	TB21147656	914.00	915.00	1.00	0.290	0.051	0.004	0.013	0.031	0.003
			HH21-104651	ASSAY	TB21147656	915.00	916.00	1.00	0.320	0.054	0.009	0.016	0.032	0.003
			HH21-104652	ASSAY	TB21147656	916.00	917.00	1.00	0.463	0.075	0.013	0.027	0.038	0.004
			HH21-104653	ASSAY	TB21147656	917.00	918.00	1.00	0.325	0.055	0.010	0.019	0.032	0.003
			HH21-104654	ASSAY	TB21147656	918.00	919.00	1.00	0.235	0.039	0.008	0.015	0.025	0.003
			HH21-104655	ASSAY	TB21147656	919.00	920.00	1.00	0.220	0.046	0.007	0.017	0.027	0.003
			HH21-104656	ASSAY	TB21147656	920.00	921.00	1.00	0.068	0.025	0.003	0.010	0.018	0.003
			HH21-104657	ASSAY	TB21147656	921.00	922.00	1.00	0.588	0.087	0.018	0.038	0.037	0.004
922.00	926.45	GAB-Vt	HH21-104658	ASSAY	TB21147656	922.00	923.00	1.00	1.580	0.239	0.058	0.055	0.082	0.009
GABVT- Sharp upper contact with brecciated clasts of EGAB- contact is roughly parallel TCA. GABVT, melanocratic, dominantly fine-medium grained, with blebby clotty plagioclase. Rock exhibits localized patches of blebby sulphide (py-po-cpy) and is strongly sheared from 923.7-924 (roughly parallel TCA). Dark green in colour, sharp lower contact with EGAB			HH21-104659	ASSAY	TB21147656	923.00	924.00	1.00	3.120	0.408	0.127	0.107	0.134	0.011
			HH21-104660	ASSAY	TB21147656	924.00	925.00	1.00	0.225	0.033	0.007	0.011	0.033	0.005
			HH21-104662	ASSAY	TB21147656	925.00	925.72	0.72	0.364	0.092	0.005	0.005	0.034	0.005
			HH21-104663	ASSAY	TB21147656	925.72	926.45	0.73	0.077	0.014	0.001	0.002	0.026	0.004
926.45	930.62	EGAB	HH21-104664	ASSAY	TB21147656	926.45	927.22	0.77	0.046	0.027	0.001	0.001	0.017	0.002
Sharp upper and lower contacts, medium grained, white-grey to green, leucocratic. Massive. Weak chl-act-na alteration. Na alt is patchy. Trace pyrite.			HH21-104665	ASSAY	TB21147656	927.22	928.00	0.78	0.109	0.027	0.001	0.002	0.021	0.003
			HH21-104666	ASSAY	TB21147656	928.00	929.00	1.00	0.115	0.030	0.003	0.005	0.021	0.002
			HH21-104667	ASSAY	TB21147656	929.00	929.81	0.81	0.112	0.026	0.001	0.006	0.020	0.002
			HH21-104669	ASSAY	TB21147656	929.81	930.62	0.81	0.095	0.024	0.001	0.004	0.019	0.002
930.62	932.29	DIKE-Intermediate	HH21-104670	ASSAY	TB21147656	930.62	931.46	0.84	0.002	0.003	0.002	0.018	0.003	0.002
Dike-Intermediate. Sharp upper and lower contacts, purple in colour, fine grained, with fracture-related bleaching and potassic alteration. 1% disseminated pyrite. Xenolith of EGAB from 931.45-931.70. Possibly two separate dikes.			HH21-104671	ASSAY	TB21147656	931.46	932.29	0.83	0.024	0.008	0.002	0.020	0.008	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
932.29	943.04	EGAB	HH21-104672	ASSAY	TB21147656	932.29	933.00	0.71	0.034	0.016	0.001	0.004	0.017	0.003
Medium grained, white-grey to green, leucocratic. Weak chl-act alteration, weak na-alteration, weak patchy potassic alteration. trace pyrite. MM scale felsic veinlets throughout. Sharp lower contact with MNOR, some mixing at contact.			HH21-104673	ASSAY	TB21147656	933.00	934.00	1.00	0.030	0.015	0.002	0.011	0.016	0.003
			HH21-104674	ASSAY	TB21147656	934.00	935.00	1.00	0.021	0.016	0.001	0.007	0.017	0.003
			HH21-104675	ASSAY	TB21147656	935.00	936.00	1.00	0.026	0.014	0.001	0.005	0.015	0.003
			HH21-104676	ASSAY	TB21147656	936.00	937.00	1.00	0.036	0.016	0.001	0.003	0.017	0.002
			HH21-104677	ASSAY	TB21147656	937.00	938.00	1.00	0.033	0.014	0.001	0.004	0.016	0.002
			HH21-104678	ASSAY	TB21147656	938.00	939.00	1.00	0.153	0.029	0.003	0.008	0.017	0.002
			HH21-104679	ASSAY	TB21147656	939.00	940.00	1.00	0.201	0.035	0.005	0.010	0.022	0.003
			HH21-104680	ASSAY	TB21147656	940.00	941.00	1.00	0.028	0.017	0.002	0.006	0.018	0.003
			HH21-104681	ASSAY	TB21147656	941.00	942.00	1.00	0.329	0.058	0.014	0.019	0.025	0.003
			HH21-104682	ASSAY	TB21147656	942.00	943.04	1.04	0.113	0.023	0.007	0.006	0.018	0.002
943.04	946.00	MNOR	HH21-104683	ASSAY	TB21147656	943.04	944.00	0.96	0.162	0.036	0.012	0.010	0.048	0.008
MNOR- medium grained, massive to weakly foliated. Gradational contact with strongly foliated "PYXT" below. Dark green colour, pyx and plag exhibit extreme chl-act alteration. Upper meters (close to EGAB contact, exhibit variable mineralization- blebby to disseminated py-po-cpy, with localized 10cm patches of up to 3%. Mag sus is <1 SI, and XRF data shows high Mg (>10) and Fe- consistent Mg/Fe/Ca/Al throughout MNOR and PYXT units, only difference is strength of foliation			HH21-104685	ASSAY	TB21147656	944.00	945.00	1.00	2.830	0.312	0.065	0.119	0.136	0.012
			HH21-104686	ASSAY	TB21147656	945.00	946.00	1.00	1.270	0.190	0.107	0.059	0.088	0.010
946.00	957.00	PYXT	HH21-104687	ASSAY	TB21147656	946.00	947.00	1.00	0.970	0.139	0.131	0.106	0.080	0.009
PYXT- same rock as above based on composition, though exhibits strong foliation (most noticeable on basal sections) with more extreme chl-act +/- talc. mm-scale, late felsic veining from 953-954. XRF doesn't indicate significant mineralization, and only trace sulphide is observed			HH21-104688	ASSAY	TB21147656	947.00	948.00	1.00	0.579	0.106	0.036	0.027	0.070	0.009
			HH21-104689	ASSAY	TB21147656	948.00	949.00	1.00	0.207	0.045	0.014	0.010	0.055	0.008
			HH21-104690	ASSAY	TB21147656	949.00	950.00	1.00	0.186	0.049	0.016	0.011	0.056	0.008
			HH21-104691	ASSAY	TB21147656	950.00	951.00	1.00	0.365	0.063	0.033	0.021	0.060	0.008
			HH21-104692	ASSAY	TB21147656	951.00	952.00	1.00	0.358	0.064	0.028	0.018	0.063	0.008
			HH21-104693	ASSAY	TB21147656	952.00	953.00	1.00	0.187	0.040	0.017	0.011	0.056	0.008
			HH21-104694	ASSAY	TB21147656	953.00	954.00	1.00	0.174	0.039	0.016	0.010	0.050	0.007
			HH21-104695	ASSAY	TB21147656	954.00	955.00	1.00	0.163	0.041	0.016	0.009	0.055	0.008
			HH21-104696	ASSAY	TB21147656	955.00	956.00	1.00	0.273	0.055	0.020	0.011	0.056	0.008
			HH21-104697	ASSAY	TB21147656	956.00	957.00	1.00	0.167	0.039	0.011	0.007	0.053	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
957.00	971.27	MNOR	HH21-104698	ASSAY	TB21147656	957.00	958.00	1.00	0.129	0.036	0.012	0.008	0.052	0.008
MNOR- medium grained, massive to weakly foliated. Gradational contact with strongly foliated "PYXT" above. Dark green colour, pyx and plag exhibit extreme chl-act alteration. Mag sus is <1 SI, and XRF data shows high Mg (>10) and Fe- consistent Mg/Fe/Ca/Al throughout MNOR and PYXT units, only difference is strength of foliation. Trace visible sulphide. Sharp lower contact with felsic dike.			HH21-104699	ASSAY	TB21147656	958.00	959.00	1.00	0.182	0.041	0.007	0.005	0.051	0.008
			HH21-104700	ASSAY	TB21147656	959.00	960.00	1.00	0.229	0.049	0.010	0.007	0.051	0.007
			HH21-104701	ASSAY	TB21147656	960.00	961.00	1.00	0.692	0.119	0.012	0.013	0.056	0.008
			HH21-104702	ASSAY	TB21147656	961.00	962.00	1.00	0.200	0.052	0.008	0.010	0.055	0.008
			HH21-104704	ASSAY	TB21147656	962.00	963.00	1.00	0.358	0.065	0.010	0.010	0.056	0.008
			HH21-104706	ASSAY	TB21147657	963.00	964.00	1.00	0.132	0.038	0.009	0.009	0.054	0.008
			HH21-104707	ASSAY	TB21147657	964.00	965.00	1.00	0.247	0.056	0.010	0.011	0.056	0.008
			HH21-104708	ASSAY	TB21147657	965.00	966.00	1.00	0.231	0.067	0.006	0.008	0.056	0.008
			HH21-104709	ASSAY	TB21147657	966.00	967.00	1.00	0.175	0.034	0.008	0.008	0.055	0.008
			HH21-104710	ASSAY	TB21147657	967.00	968.00	1.00	0.202	0.046	0.005	0.007	0.056	0.008
			HH21-104711	ASSAY	TB21147657	968.00	969.00	1.00	0.174	0.040	0.008	0.009	0.055	0.008
			HH21-104712	ASSAY	TB21147657	969.00	970.00	1.00	0.413	0.069	0.028	0.016	0.060	0.008
			HH21-104713	ASSAY	TB21147657	970.00	970.63	0.63	0.493	0.076	0.039	0.022	0.063	0.008
			HH21-104714	ASSAY	TB21147657	970.63	971.27	0.64	0.274	0.058	0.012	0.010	0.057	0.008
971.27	972.47	DIKE-Felsic	HH21-104716	ASSAY	TB21147657	971.27	972.47	1.20	0.006	0.003	0.001	0.002	0.002	0.000
Felsic- Plag/Qtz/Bio, medium grained,														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
972.47	1,014.74	MNOR	HH21-104717	ASSAY	TB21147657	972.47	973.24	0.77	0.584	0.109	0.024	0.022	0.066	0.008
MNOR- medium grained, massive to weakly foliated. Gradational contact with strongly foliated "PYXT" above. Dark green colour, pyx and plag exhibit extreme chl-act alteration. Mag sus is <1 SI, and XRF data shows high Mg (>10) and Fe- consistent Mg/Fe/Ca/Al throughout MNOR and PYXT units, only difference is strength of foliation. Unit is cut by cm scale felsic dikes, and a mm scale, felsic veinlet running parallel TCA. Late mafic dikes also cross cut the unit, from 1000-1003, often with irregular/undulating contacts, that are sub parallel TCA, same dike present from 1009.31-1010.15. Trace visible sulphide. Sharp lower contact with intermediate dike.			HH21-104718	ASSAY	TB21147657	973.24	974.00	0.76	0.298	0.061	0.022	0.014	0.059	0.008
			HH21-104719	ASSAY	TB21147657	974.00	975.00	1.00	0.804	0.114	0.045	0.019	0.067	0.008
			HH21-104720	ASSAY	TB21147657	975.00	976.00	1.00	0.223	0.047	0.021	0.011	0.059	0.008
			HH21-104721	ASSAY	TB21147657	976.00	977.00	1.00	0.213	0.049	0.013	0.008	0.056	0.008
			HH21-104722	ASSAY	TB21147657	977.00	978.00	1.00	0.231	0.052	0.012	0.008	0.057	0.008
			HH21-104723	ASSAY	TB21147657	978.00	979.00	1.00	0.227	0.051	0.017	0.011	0.057	0.008
			HH21-104724	ASSAY	TB21147657	979.00	980.00	1.00	0.270	0.058	0.023	0.016	0.060	0.008
			HH21-104725	ASSAY	TB21147657	980.00	981.00	1.00	0.471	0.080	0.031	0.021	0.063	0.008
			HH21-104726	ASSAY	TB21147657	981.00	982.00	1.00	0.389	0.076	0.040	0.026	0.066	0.008
			HH21-104727	ASSAY	TB21147657	982.00	983.00	1.00	0.255	0.056	0.021	0.013	0.060	0.008
			HH21-104728	ASSAY	TB21147657	983.00	984.00	1.00	0.168	0.046	0.014	0.007	0.056	0.008
			HH21-104729	ASSAY	TB21147657	984.00	985.00	1.00	0.165	0.040	0.006	0.005	0.056	0.008
			HH21-104730	ASSAY	TB21147657	985.00	986.00	1.00	0.119	0.037	0.013	0.008	0.054	0.008
			HH21-104731	ASSAY	TB21147657	986.00	987.00	1.00	0.084	0.032	0.007	0.005	0.052	0.008
			HH21-104732	ASSAY	TB21147657	987.00	988.00	1.00	0.148	0.045	0.007	0.005	0.053	0.008
			HH21-104733	ASSAY	TB21167491	988.00	989.00	1.00	0.313	0.065	0.021	0.015	0.059	0.008
			HH21-104734	ASSAY	TB21167491	989.00	990.00	1.00	0.235	0.052	0.014	0.012	0.055	0.008
			HH21-104735	ASSAY	TB21167491	990.00	991.00	1.00	0.209	0.052	0.014	0.010	0.051	0.007
			HH21-104736	ASSAY	TB21167491	991.00	992.00	1.00	0.074	0.025	0.008	0.007	0.037	0.005
			HH21-104738	ASSAY	TB21167491	992.00	993.00	1.00	0.116	0.035	0.007	0.005	0.047	0.007
HH21-104739	ASSAY	TB21167491	993.00	994.00	1.00	0.160	0.042	0.005	0.003	0.051	0.007			
HH21-104740	ASSAY	TB21167491	994.00	995.00	1.00	0.113	0.033	0.003	0.004	0.046	0.007			
HH21-104741	ASSAY	TB21167491	995.00	996.00	1.00	0.215	0.055	0.008	0.004	0.038	0.006			
HH21-104742	ASSAY	TB21147657	996.00	997.00	1.00	0.135	0.022	0.010	0.004	0.037	0.006			
HH21-104743	ASSAY	TB21147657	997.00	998.00	1.00	0.087	0.035	0.001	0.002	0.054	0.008			
HH21-104744	ASSAY	TB21147657	998.00	999.00	1.00	0.099	0.036	0.005	0.006	0.054	0.008			
HH21-104745	ASSAY	TB21147657	999.00	1000.00	1.00	0.104	0.028	0.001	0.002	0.054	0.008			
HH21-104746	ASSAY	TB21147657	1000.00	1001.00	1.00	0.072	0.015	0.005	0.009	0.028	0.005			
HH21-104747	ASSAY	TB21147657	1001.00	1002.00	1.00	0.068	0.029	0.001	0.002	0.049	0.007			
HH21-104748	ASSAY	TB21147657	1002.00	1003.00	1.00	0.099	0.032	0.001	0.003	0.051	0.008			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104749	ASSAY	TB21147657	1003.00	1004.00	1.00	0.093	0.027	0.001	0.002	0.050	0.008
			HH21-104750	ASSAY	TB21147657	1004.00	1005.00	1.00	0.095	0.033	0.008	0.007	0.050	0.008
			HH21-104751	ASSAY	TB21147657	1005.00	1006.00	1.00	0.096	0.028	0.005	0.005	0.056	0.008
			HH21-104752	ASSAY	TB21147657	1006.00	1007.00	1.00	0.131	0.041	0.010	0.007	0.058	0.008
			HH21-104754	ASSAY	TB21147657	1007.00	1008.00	1.00	0.193	0.040	0.006	0.005	0.056	0.008
			HH21-104755	ASSAY	TB21147657	1008.00	1008.65	0.65	0.079	0.026	0.005	0.005	0.054	0.008
			HH21-104756	ASSAY	TB21147657	1008.65	1009.31	0.66	0.094	0.022	0.002	0.004	0.047	0.007
			HH21-104757	ASSAY	TB21147657	1009.31	1010.15	0.84	0.007	0.003	0.001	0.021	0.007	0.004
			HH21-104758	ASSAY	TB21147657	1010.15	1011.00	0.85	0.099	0.032	0.004	0.005	0.055	0.008
			HH21-104759	ASSAY	TB21147657	1011.00	1012.00	1.00	0.073	0.026	0.007	0.006	0.056	0.008
			HH21-104760	ASSAY	TB21147657	1012.00	1013.00	1.00	0.135	0.044	0.007	0.006	0.054	0.008
			HH21-104761	ASSAY	TB21147657	1013.00	1014.00	1.00	0.075	0.025	0.005	0.005	0.055	0.008
			HH21-104762	ASSAY	TB21147657	1014.00	1014.74	0.74	0.153	0.037	0.006	0.007	0.046	0.007
1,014.74	1,017.34	DIKE-Mafic	HH21-104763	ASSAY	TB21147657	1014.74	1016.00	1.26	0.033	0.008	0.008	0.019	0.016	0.004
		Mafic Dike- bleaching associated with fractures, xenoliths of MNOR. Sharp upper and lower contacts, trace pyrite	HH21-104764	ASSAY	TB21147657	1016.00	1017.34	1.34	0.062	0.010	0.013	0.031	0.013	0.004
1,017.34	1,019.45	MNOR	HH21-104765	ASSAY	TB21147657	1017.34	1018.72	1.38	0.236	0.044	0.005	0.002	0.050	0.007
		MNOR- as above, massive, strong-extreme chl-act alteration which obscures grain boundaries. Dark green in colour, mag sus less than 1SI. No visible sulphide. Sharp lower contact with EGAB.	HH21-104766	ASSAY	TB21147657	1018.72	1019.45	0.73	0.263	0.053	0.003	0.004	0.047	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,019.45	1,082.24	EGAB	HH21-104768	ASSAY	TB21147657	1019.45	1020.22	0.77	0.035	0.006	0.001	0.006	0.016	0.004
EGAB- medium grained, massive to weakly foliated, weak to moderate chl-act alteration with pathcy bleaching and epidote alteration of plagioclase. Unit is cut by mm scale shear zones and mm scale felsic veinlets. Slightly more pyx than EGAB above. Trace pyrite			HH21-104769	ASSAY	TB21147657	1020.22	1021.00	0.78	0.034	0.006	0.001	0.008	0.017	0.005
			HH21-104770	ASSAY	TB21147657	1021.00	1022.00	1.00	0.042	0.009	0.005	0.015	0.019	0.005
			HH21-104771	ASSAY	TB21147657	1022.00	1023.00	1.00	0.061	0.011	0.014	0.034	0.030	0.005
			HH21-104772	ASSAY	TB21147657	1023.00	1024.00	1.00	0.111	0.020	0.031	0.089	0.050	0.006
			HH21-104773	ASSAY	TB21147657	1024.00	1025.00	1.00	0.024	0.005	0.002	0.014	0.021	0.005
A non magnetic pyrite-bearing mafic dyke is present from 1058.55-1058.85m.			HH21-104774	ASSAY	TB21147657	1025.00	1026.00	1.00	0.022	0.006	0.005	0.012	0.020	0.005
			HH21-104776	ASSAY	TB21147657	1026.00	1027.00	1.00	0.022	0.007	0.004	0.014	0.019	0.005
Lower contact is sharp with a qtz-plg-bt vein followed by MNOR.			HH21-104777	ASSAY	TB21147657	1027.00	1028.00	1.00	0.023	0.007	0.002	0.009	0.019	0.004
			HH21-104778	ASSAY	TB21147657	1028.00	1029.00	1.00	0.052	0.012	0.004	0.020	0.026	0.005
			HH21-104779	ASSAY	TB21147657	1029.00	1030.00	1.00	0.031	0.006	0.003	0.018	0.023	0.005
			HH21-104780	ASSAY	TB21147657	1030.00	1031.00	1.00	0.032	0.007	0.004	0.016	0.023	0.005
			HH21-104781	ASSAY	TB21147657	1031.00	1032.00	1.00	0.042	0.010	0.005	0.017	0.024	0.005
			HH21-104782	ASSAY	TB21147657	1032.00	1033.00	1.00	0.030	0.007	0.004	0.017	0.019	0.004
			HH21-104784	ASSAY	TB21150884	1033.00	1034.00	1.00	0.051	0.008	0.009	0.031	0.027	0.005
			HH21-104785	ASSAY	TB21150884	1034.00	1035.00	1.00	0.028	0.006	0.001	0.013	0.020	0.005
			HH21-104786	ASSAY	TB21150884	1035.00	1036.00	1.00	0.030	0.006	0.001	0.007	0.018	0.005
			HH21-104787	ASSAY	TB21150884	1036.00	1037.00	1.00	0.028	0.010	0.001	0.006	0.018	0.005
			HH21-104789	ASSAY	TB21150884	1037.00	1038.00	1.00	0.049	0.011	0.004	0.015	0.021	0.006
			HH21-104790	ASSAY	TB21150884	1038.00	1039.00	1.00	0.046	0.008	0.002	0.016	0.020	0.005
			HH21-104791	ASSAY	TB21150884	1039.00	1040.00	1.00	0.068	0.014	0.002	0.015	0.021	0.005
			HH21-104792	ASSAY	TB21150884	1040.00	1041.00	1.00	0.031	0.007	0.001	0.013	0.017	0.004
			HH21-104793	ASSAY	TB21150884	1041.00	1042.00	1.00	0.021	0.007	0.001	0.011	0.020	0.004
			HH21-104794	ASSAY	TB21150884	1042.00	1043.00	1.00	0.020	0.005	0.002	0.017	0.020	0.004
			HH21-104795	ASSAY	TB21150884	1043.00	1044.00	1.00	0.037	0.008	0.002	0.017	0.022	0.005
			HH21-104796	ASSAY	TB21150884	1044.00	1045.00	1.00	0.018	0.007	0.001	0.007	0.015	0.003
			HH21-104797	ASSAY	TB21150884	1045.00	1046.00	1.00	0.023	0.007	0.001	0.008	0.020	0.004
			HH21-104798	ASSAY	TB21150884	1046.00	1047.00	1.00	0.034	0.011	0.008	0.020	0.024	0.005
HH21-104799	ASSAY	TB21150884	1047.00	1048.00	1.00	0.031	0.009	0.004	0.015	0.022	0.005			
HH21-104800	ASSAY	TB21150884	1048.00	1049.00	1.00	0.021	0.007	0.002	0.010	0.017	0.004			
HH21-104801	ASSAY	TB21150884	1049.00	1050.00	1.00	0.020	0.006	0.003	0.011	0.018	0.004			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104802	ASSAY	TB21150884	1050.00	1051.00	1.00	0.024	0.008	0.004	0.008	0.017	0.004
			HH21-104803	ASSAY	TB21150884	1051.00	1052.00	1.00	0.029	0.012	0.004	0.010	0.020	0.004
			HH21-104804	ASSAY	TB21150884	1052.00	1053.00	1.00	0.038	0.011	0.008	0.023	0.023	0.004
			HH21-104805	ASSAY	TB21150884	1053.00	1054.00	1.00	0.025	0.011	0.004	0.017	0.018	0.004
			HH21-104807	ASSAY	TB21150884	1054.00	1055.00	1.00	0.037	0.012	0.005	0.012	0.021	0.004
			HH21-104808	ASSAY	TB21150884	1055.00	1056.00	1.00	0.027	0.010	0.003	0.010	0.018	0.004
			HH21-104809	ASSAY	TB21150884	1056.00	1057.00	1.00	0.021	0.007	0.002	0.009	0.017	0.004
			HH21-104810	ASSAY	TB21150884	1057.00	1058.00	1.00	0.024	0.008	0.002	0.008	0.018	0.004
			HH21-104811	ASSAY	TB21150884	1058.00	1059.00	1.00	0.014	0.006	0.002	0.009	0.016	0.003
			HH21-104812	ASSAY	TB21150884	1059.00	1060.00	1.00	0.024	0.008	0.001	0.006	0.020	0.004
			HH21-104813	ASSAY	TB21150884	1060.00	1061.00	1.00	0.085	0.025	0.020	0.033	0.034	0.005
			HH21-104814	ASSAY	TB21150884	1061.00	1062.00	1.00	0.025	0.011	0.004	0.009	0.016	0.003
			HH21-104815	ASSAY	TB21150884	1062.00	1063.00	1.00	0.020	0.009	0.001	0.007	0.017	0.003
			HH21-104816	ASSAY	TB21150884	1063.00	1064.00	1.00	0.040	0.011	0.004	0.010	0.022	0.004
			HH21-104817	ASSAY	TB21150884	1064.00	1065.00	1.00	0.047	0.014	0.007	0.020	0.018	0.003
			HH21-104818	ASSAY	TB21150884	1065.00	1066.00	1.00	0.033	0.011	0.008	0.019	0.016	0.003
			HH21-104819	ASSAY	TB21150884	1066.00	1067.00	1.00	0.026	0.010	0.003	0.022	0.015	0.003
			HH21-104820	ASSAY	TB21150884	1067.00	1068.00	1.00	0.029	0.014	0.002	0.011	0.016	0.003
			HH21-104822	ASSAY	TB21150884	1068.00	1069.00	1.00	0.032	0.012	0.003	0.013	0.015	0.003
			HH21-104823	ASSAY	TB21150884	1069.00	1070.00	1.00	0.100	0.021	0.005	0.023	0.019	0.003
			HH21-104824	ASSAY	TB21150884	1070.00	1071.00	1.00	0.023	0.012	0.011	0.021	0.014	0.003
			HH21-104825	ASSAY	TB21150884	1071.00	1072.00	1.00	0.022	0.011	0.001	0.009	0.014	0.003
			HH21-104826	ASSAY	TB21150884	1072.00	1073.00	1.00	0.024	0.015	0.004	0.025	0.015	0.003
			HH21-104827	ASSAY	TB21150884	1073.00	1074.00	1.00	0.024	0.016	0.002	0.014	0.018	0.003
			HH21-104828	ASSAY	TB21150884	1074.00	1075.00	1.00	0.031	0.015	0.001	0.004	0.015	0.002
			HH21-104829	ASSAY	TB21150884	1075.00	1076.00	1.00	0.036	0.018	0.001	0.006	0.016	0.003
			HH21-104830	ASSAY	TB21150884	1076.00	1077.00	1.00	0.029	0.020	0.003	0.009	0.018	0.003
			HH21-104831	ASSAY	TB21150884	1077.00	1078.00	1.00	0.041	0.018	0.002	0.009	0.018	0.003
			HH21-104832	ASSAY	TB21150884	1078.00	1079.00	1.00	0.030	0.019	0.001	0.007	0.020	0.003
			HH21-104833	ASSAY	TB21150884	1079.00	1080.00	1.00	0.031	0.020	0.003	0.006	0.018	0.003
			HH21-104834	ASSAY	TB21150884	1080.00	1080.70	0.70	0.031	0.023	0.003	0.005	0.018	0.003
			HH21-104835	ASSAY	TB21150884	1080.70	1081.50	0.80	0.449	0.083	0.014	0.008	0.034	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104836	ASSAY	TB21150884	1081.50	1082.24	0.74	0.127	0.033	0.011	0.007	0.017	0.003



From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,082.24	1,167.42	MNOR	HH21-104837	ASSAY	TB21150884	1082.24	1083.09	0.85	2.560	0.311	0.185	0.073	0.094	0.009
		MNOR - Medium-grained, green-grey-purple-black-white in colour with variably strong to nil pervasive chl-act alteration and intermittent weak Na alteration of plagioclase. Transitions from strongly to weakly chl-act altered intervals are generally abrupt if not sharp. Pyx:plg ratio is generally >75 to <25. Grain boundaries are sharp to diffuse. Strongly chl-act altered intervals are 1083.24-1112.29m, 1129.92-1144.48m and 1148.55-1167.42m, the latter with lesser moderately chl-act alteration. The intervals 1112.29-1129.92m and 1144.48-1148.55m exhibit nil to weak chl-act alteration. Strongly altered material from 1083.24-1112.29m contains vfg disseminated pyrite in a trace abundance with up to 1% py(-ccp) from 1083.24-1090.80m. The interval of fresh to weakly altered MNOR from 1112.29-1129.48m contains vfg blebby po-ccp(pn-py) in an abundance of 0.1-0.5%, average abundance 0.3%. The interval 1145.20-1148.55 contains trace blebby po-ccp(-pn) in weakly chl-act altered MNOR. The moderately to strongly altered interval 1148.55-1167.42m contains trace disseminated py with ~1% py(-ccp) present from 1162.0-1163.0m. Non magnetic pyrite-bearing mafic dykes are present at 1083.02-1083.33m, 1103.38-1103.66m and 1157.92-1158.74m. Millimeter to centimeter-scale qtz-plg-bt veins are common, exhibiting weak K(-ep) alteration if any alteration at all. Upper contact is sharp with EGAB. Lower contact is sharp with a mafic dyke.	HH21-104838	ASSAY	TB21150884	1083.09	1084.00	0.91	1.400	0.176	0.127	0.042	0.057	0.006
			HH21-104839	ASSAY	TB21150884	1084.00	1085.00	1.00	1.770	0.211	0.061	0.037	0.083	0.009
			HH21-104840	ASSAY	TB21150884	1085.00	1086.00	1.00	0.624	0.081	0.064	0.036	0.052	0.007
			HH21-104841	ASSAY	TB21150884	1086.00	1087.00	1.00	0.635	0.092	0.033	0.018	0.059	0.008
			HH21-104842	ASSAY	TB21150884	1087.00	1088.00	1.00	0.363	0.056	0.030	0.017	0.053	0.008
			HH21-104843	ASSAY	TB21150884	1088.00	1089.00	1.00	0.123	0.037	0.008	0.006	0.050	0.008
			HH21-104844	ASSAY	TB21150884	1089.00	1090.00	1.00	0.367	0.066	0.023	0.014	0.053	0.008
			HH21-104846	ASSAY	TB21150884	1090.00	1091.00	1.00	0.727	0.127	0.055	0.035	0.064	0.008
			HH21-104847	ASSAY	TB21150884	1091.00	1092.00	1.00	0.654	0.104	0.071	0.038	0.068	0.008
			HH21-104848	ASSAY	TB21150884	1092.00	1093.18	1.18	0.415	0.068	0.042	0.025	0.053	0.007
		HH21-104849	ASSAY	TB21150884	1093.18	1094.00	0.82	0.256	0.060	0.018	0.013	0.056	0.008	
		HH21-104850	ASSAY	TB21150884	1094.00	1095.00	1.00	0.268	0.054	0.030	0.021	0.057	0.007	
		HH21-104851	ASSAY	TB21150884	1095.00	1096.00	1.00	0.143	0.042	0.015	0.011	0.051	0.008	
		HH21-104852	ASSAY	TB21150884	1096.00	1097.00	1.00	0.256	0.054	0.005	0.004	0.053	0.008	
		HH21-104854	ASSAY	TB21150884	1097.00	1098.00	1.00	0.079	0.030	0.003	0.004	0.051	0.008	
		HH21-104855	ASSAY	TB21150884	1098.00	1099.00	1.00	0.203	0.048	0.021	0.014	0.058	0.008	
		HH21-104856	ASSAY	TB21150884	1099.00	1100.00	1.00	0.154	0.036	0.016	0.010	0.055	0.008	
		HH21-104857	ASSAY	TB21150884	1100.00	1101.00	1.00	0.297	0.053	0.029	0.020	0.057	0.008	
		HH21-104858	ASSAY	TB21150884	1101.00	1102.00	1.00	0.425	0.071	0.031	0.024	0.060	0.007	
		HH21-104859	ASSAY	TB21150884	1102.00	1103.00	1.00	0.481	0.085	0.029	0.017	0.061	0.008	
		HH21-104860	ASSAY	TB21150884	1103.00	1104.00	1.00	0.377	0.072	0.044	0.029	0.068	0.008	
		HH21-104862	ASSAY	TB21150885	1104.00	1105.00	1.00	0.378	0.070	0.039	0.027	0.066	0.008	
		HH21-104863	ASSAY	TB21150885	1105.00	1106.00	1.00	0.276	0.056	0.032	0.019	0.061	0.008	
		HH21-104864	ASSAY	TB21150885	1106.00	1107.00	1.00	0.271	0.053	0.034	0.018	0.059	0.008	
		HH21-104865	ASSAY	TB21150885	1107.00	1108.00	1.00	0.167	0.043	0.017	0.009	0.055	0.008	
		HH21-104866	ASSAY	TB21150885	1108.00	1109.00	1.00	0.484	0.081	0.053	0.031	0.070	0.009	
		HH21-104867	ASSAY	TB21150885	1109.00	1110.00	1.00	0.167	0.049	0.020	0.009	0.057	0.008	
		HH21-104868	ASSAY	TB21150885	1110.00	1111.15	1.15	0.207	0.054	0.032	0.017	0.056	0.008	
		HH21-104869	ASSAY	TB21150885	1111.15	1112.29	1.14	0.278	0.057	0.020	0.009	0.055	0.008	
		HH21-104870	ASSAY	TB21150885	1112.29	1113.15	0.86	0.204	0.049	0.014	0.008	0.057	0.009	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104872	ASSAY	TB21150885	1113.15	1114.00	0.85	0.234	0.052	0.018	0.009	0.057	0.008
			HH21-104873	ASSAY	TB21150885	1114.00	1115.00	1.00	0.340	0.067	0.039	0.025	0.067	0.009
			HH21-104874	ASSAY	TB21150885	1115.00	1116.00	1.00	1.120	0.172	0.104	0.066	0.099	0.010
			HH21-104875	ASSAY	TB21150885	1116.00	1117.00	1.00	0.347	0.066	0.027	0.016	0.061	0.008
			HH21-104876	ASSAY	TB21150885	1117.00	1118.00	1.00	0.245	0.051	0.019	0.008	0.055	0.008
			HH21-104877	ASSAY	TB21150885	1118.00	1119.00	1.00	0.253	0.056	0.037	0.019	0.058	0.008
			HH21-104878	ASSAY	TB21150885	1119.00	1120.00	1.00	0.165	0.039	0.027	0.011	0.058	0.008
			HH21-104879	ASSAY	TB21150885	1120.00	1121.00	1.00	0.195	0.046	0.022	0.013	0.059	0.009
			HH21-104880	ASSAY	TB21150885	1121.00	1122.00	1.00	0.169	0.043	0.022	0.012	0.058	0.008
			HH21-104881	ASSAY	TB21150885	1122.00	1123.00	1.00	0.115	0.039	0.014	0.008	0.056	0.008
			HH21-104882	ASSAY	TB21150885	1123.00	1124.00	1.00	0.242	0.057	0.030	0.015	0.061	0.008
			HH21-104883	ASSAY	TB21150885	1124.00	1125.00	1.00	0.394	0.070	0.039	0.021	0.065	0.008
			HH21-104884	ASSAY	TB21150885	1125.00	1126.00	1.00	0.353	0.068	0.042	0.018	0.062	0.008
			HH21-104885	ASSAY	TB21150885	1126.00	1127.00	1.00	0.528	0.086	0.056	0.034	0.074	0.009
			HH21-104886	ASSAY	TB21150885	1127.00	1128.00	1.00	0.366	0.066	0.037	0.020	0.064	0.008
			HH21-104888	ASSAY	TB21150885	1128.00	1129.00	1.00	0.302	0.062	0.026	0.013	0.061	0.008
			HH21-104889	ASSAY	TB21150885	1129.00	1130.00	1.00	0.149	0.034	0.018	0.009	0.057	0.008
			HH21-104890	ASSAY	TB21150885	1130.00	1131.00	1.00	0.080	0.025	0.012	0.008	0.054	0.008
			HH21-104891	ASSAY	TB21150885	1131.00	1132.00	1.00	0.253	0.055	0.013	0.007	0.055	0.008
			HH21-104892	ASSAY	TB21150885	1132.00	1133.00	1.00	0.205	0.046	0.015	0.011	0.059	0.009
			HH21-104893	ASSAY	TB21150885	1133.00	1134.00	1.00	0.136	0.042	0.010	0.007	0.057	0.008
			HH21-104894	ASSAY	TB21150885	1134.00	1135.00	1.00	0.132	0.040	0.006	0.007	0.058	0.008
			HH21-104895	ASSAY	TB21150885	1135.00	1136.00	1.00	0.261	0.057	0.013	0.008	0.058	0.008
			HH21-104896	ASSAY	TB21150885	1136.00	1137.00	1.00	0.176	0.050	0.009	0.006	0.058	0.009
			HH21-104897	ASSAY	TB21150885	1137.00	1138.00	1.00	0.125	0.036	0.005	0.005	0.055	0.008
			HH21-104898	ASSAY	TB21150885	1138.00	1139.00	1.00	0.093	0.040	0.015	0.009	0.050	0.008
			HH21-104899	ASSAY	TB21150885	1139.00	1140.00	1.00	0.152	0.032	0.030	0.036	0.051	0.008
			HH21-104900	ASSAY	TB21150885	1140.00	1141.00	1.00	0.130	0.030	0.006	0.006	0.050	0.007
			HH21-104902	ASSAY	TB21150885	1141.00	1142.00	1.00	0.086	0.029	0.005	0.005	0.052	0.008
			HH21-104903	ASSAY	TB21150885	1142.00	1143.00	1.00	0.096	0.032	0.007	0.007	0.051	0.008
			HH21-104904	ASSAY	TB21150885	1143.00	1144.00	1.00	0.128	0.039	0.005	0.005	0.053	0.008
			HH21-104905	ASSAY	TB21150885	1144.00	1145.00	1.00	0.117	0.038	0.004	0.006	0.053	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-104906	ASSAY	TB21150885	1145.00	1146.00	1.00	0.115	0.039	0.007	0.006	0.053	0.008
			HH21-104907	ASSAY	TB21150885	1146.00	1147.00	1.00	0.142	0.041	0.005	0.004	0.053	0.008
			HH21-104908	ASSAY	TB21150885	1147.00	1148.00	1.00	0.184	0.045	0.004	0.004	0.053	0.008
			HH21-104909	ASSAY	TB21150885	1148.00	1149.00	1.00	0.212	0.044	0.010	0.013	0.057	0.008
			HH21-104910	ASSAY	TB21150885	1149.00	1150.00	1.00	0.243	0.046	0.015	0.008	0.054	0.008
			HH21-104911	ASSAY	TB21150885	1150.00	1151.00	1.00	0.201	0.047	0.016	0.008	0.054	0.008
			HH21-104912	ASSAY	TB21150885	1151.00	1152.00	1.00	0.186	0.043	0.013	0.007	0.053	0.008
			HH21-104913	ASSAY	TB21150885	1152.00	1153.00	1.00	0.190	0.042	0.010	0.006	0.054	0.008
			HH21-104914	ASSAY	TB21150885	1153.00	1154.00	1.00	0.150	0.040	0.012	0.007	0.052	0.008
			HH21-104915	ASSAY	TB21150885	1154.00	1155.00	1.00	0.110	0.037	0.011	0.007	0.052	0.008
			HH21-104916	ASSAY	TB21150885	1155.00	1156.00	1.00	0.185	0.048	0.006	0.004	0.053	0.008
			HH21-104917	ASSAY	TB21150885	1156.00	1157.00	1.00	0.119	0.038	0.012	0.008	0.051	0.008
			HH21-104918	ASSAY	TB21150885	1157.00	1157.92	0.92	0.531	0.089	0.055	0.026	0.062	0.009
			HH21-104919	ASSAY	TB21150885	1157.92	1158.74	0.82	0.061	0.010	0.001	0.004	0.036	0.004
			HH21-104920	ASSAY	TB21150885	1158.74	1159.87	1.13	0.404	0.071	0.022	0.011	0.058	0.008
			HH21-104921	ASSAY	TB21150885	1159.87	1161.00	1.13	1.240	0.169	0.020	0.007	0.054	0.008
			HH21-104923	ASSAY	TB21150885	1161.00	1162.00	1.00	0.568	0.097	0.053	0.025	0.061	0.008
			HH21-104924	ASSAY	TB21150885	1162.00	1163.00	1.00	1.540	0.197	0.144	0.083	0.102	0.010
			HH21-104925	ASSAY	TB21150885	1163.00	1164.00	1.00	0.539	0.077	0.058	0.031	0.067	0.008
			HH21-104926	ASSAY	TB21150885	1164.00	1165.00	1.00	0.444	0.085	0.085	0.027	0.060	0.008
			HH21-104928	ASSAY	TB21150885	1165.00	1166.00	1.00	0.445	0.067	0.037	0.021	0.058	0.008
			HH21-104929	ASSAY	TB21150885	1166.00	1166.70	0.70	0.547	0.098	0.035	0.023	0.064	0.008
			HH21-104930	ASSAY	TB21150885	1166.70	1167.42	0.72	0.603	0.101	0.044	0.024	0.066	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,167.42	1,173.67	DIKE-Mafic	HH21-104931	ASSAY	TB21150885	1167.42	1168.20	0.78	0.030	0.003	0.003	0.009	0.003	0.002
<p>Mafic dyke - Magnetic, Fine-grained, grey-green-black-white in colour with a moderate degree of vein-localized ep-chl alteration.</p> <p>Few millimeter to centimeter-scale segments of chl-act altered MNOR are incorporated into the interval with a large segment present from 1171.0-1171.64m.</p> <p>Vfg disseminated pyrite present in a trace abundance.</p> <p>Qtz vein material is present intermittently throughout the interval. A qtz vein is present from 1173.3-1173.67m.</p> <p>Upper and lower contacts are sharp with strongly chl-act altered MNOR.</p>			HH21-104932	ASSAY	TB21150885	1168.20	1169.00	0.80	0.054	0.011	0.005	0.009	0.009	0.002
			HH21-104933	ASSAY	TB21150885	1169.00	1170.00	1.00	0.081	0.011	0.012	0.016	0.006	0.003
			HH21-104934	ASSAY	TB21150885	1170.00	1171.00	1.00	0.005	0.003	0.016	0.015	0.002	0.002
			HH21-104935	ASSAY	TB21150885	1171.00	1171.64	0.64	0.912	0.113	0.021	0.024	0.060	0.007
			HH21-104936	ASSAY	TB21150885	1171.64	1172.66	1.02	0.107	0.012	0.011	0.013	0.014	0.002
			HH21-104937	ASSAY	TB21150885	1172.66	1173.67	1.01	0.218	0.029	0.001	0.001	0.020	0.003
			1,173.67	1,174.68	NOR	HH21-104938	ASSAY	TB21150885	1173.67	1174.68	1.01	0.373	0.063	0.001
<p>NOR - Medium-grained, green-grey-white-black in colour with a moderate to strong degree of pervasive chl-act alteration and a weak to moderate degree of Na alteration of plagioclase.</p> <p>No observed sulphide.</p> <p>Interval is strongly sheared with foliation angles of 23-30 degrees tca.</p> <p>Interval is present between two intervals of magnetic mafic dyke.</p> <p>Upper and lower contacts are sharp.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,174.68	1,176.35	DIKE-Mafic	HH21-104940	ASSAY	TB21158130	1174.68	1175.65	0.97	0.218	0.034	0.001	0.000	0.032	0.005
		Mafic dyke - Magnetic, Fine-grained, grey-green-black-white in colour with a moderate degree of vein-localized ep-chl alteration.	HH21-104941	ASSAY	TB21158130	1175.65	1176.35	0.70	0.095	0.014	0.002	0.005	0.018	0.003
		Few millimeter to centimeter-scale segments of chl-act altered MNOR are incorporated into the interval with a large segment present from 1171.0-1171.64m.												
		Vfg disseminated pyrite present in a trace abundance.												
		Upper and lower contacts are sharp with strongly chl-act altered MNOR and NOR respectively.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,176.35	1,200.10	NOR-Vt	HH21-104942	ASSAY	TB21158130	1176.35	1177.18	0.83	0.005	0.003	0.001	0.004	0.030	0.005
		<p>NOR(VT) - Medium- to coarse-grained. Dominantly medium-grained with ~5% cg phases. Coarse-grained/pegmatitic in last 1m of lithology also corresponding to strongest mineralization. Weakly to moderately chl-act altered. Trace sulphide from from 1176.35-1199m depth where mineralization increases to ~1% intercumulus py-cpy-po and ~0.5% magnetite. Massive. Occasional felsic veinlet/vein. Upper contact is sharp with a mafic magnetic dyke. Lower contact is somewhat arbitrary and chosen where the last cg/peg phase was observed for ~65m.</p>	HH21-104943	ASSAY	TB21158130	1177.18	1178.00	0.82	0.014	0.005	0.001	0.006	0.027	0.004
			HH21-104944	ASSAY	TB21158130	1178.00	1179.00	1.00	0.014	0.003	0.001	0.006	0.028	0.005
			HH21-104945	ASSAY	TB21158130	1179.00	1180.00	1.00	0.010	0.006	0.001	0.009	0.033	0.005
			HH21-104946	ASSAY	TB21158130	1180.00	1181.00	1.00	0.002	0.003	0.001	0.006	0.028	0.005
			HH21-104947	ASSAY	TB21158130	1181.00	1182.00	1.00	0.005	0.003	0.001	0.004	0.030	0.005
			HH21-104948	ASSAY	TB21158130	1182.00	1183.00	1.00	0.001	0.003	0.001	0.006	0.034	0.005
			HH21-104949	ASSAY	TB21158130	1183.00	1184.00	1.00	0.001	0.003	0.002	0.006	0.030	0.005
			HH21-104950	ASSAY	TB21158130	1184.00	1185.00	1.00	0.009	0.003	0.003	0.007	0.035	0.005
			HH21-104951	ASSAY	TB21158130	1185.00	1186.00	1.00	0.004	0.003	0.003	0.007	0.040	0.006
			HH21-104953	ASSAY	TB21158130	1186.00	1187.00	1.00	0.002	0.003	0.008	0.006	0.035	0.006
			HH21-104954	ASSAY	TB21158130	1187.00	1188.00	1.00	0.016	0.003	0.005	0.008	0.036	0.006
			HH21-104955	ASSAY	TB21158130	1188.00	1189.00	1.00	0.009	0.003	0.005	0.008	0.035	0.006
			HH21-104956	ASSAY	TB21158130	1189.00	1190.00	1.00	1.430	0.148	0.012	0.010	0.049	0.006
			HH21-104957	ASSAY	TB21158130	1190.00	1191.00	1.00	0.009	0.003	0.003	0.013	0.031	0.005
			HH21-104958	ASSAY	TB21158130	1191.00	1192.00	1.00	0.017	0.003	0.005	0.006	0.034	0.005
			HH21-104959	ASSAY	TB21158130	1192.00	1193.00	1.00	0.019	0.003	0.004	0.007	0.033	0.005
		HH21-104960	ASSAY	TB21158130	1193.00	1194.00	1.00	0.002	0.003	0.004	0.009	0.038	0.006	
		HH21-104961	ASSAY	TB21158130	1194.00	1195.00	1.00	0.045	0.003	0.005	0.007	0.038	0.006	
		HH21-104962	ASSAY	TB21158130	1195.00	1196.00	1.00	0.113	0.013	0.011	0.014	0.037	0.005	
		HH21-104963	ASSAY	TB21158130	1196.00	1197.00	1.00	0.003	0.003	0.006	0.008	0.038	0.006	
		HH21-104964	ASSAY	TB21158130	1197.00	1198.00	1.00	0.005	0.003	0.003	0.008	0.036	0.006	
		HH21-104965	ASSAY	TB21158130	1198.00	1199.00	1.00	0.036	0.003	0.010	0.013	0.040	0.006	
		HH21-104966	ASSAY	TB21158130	1199.00	1200.10	1.10	2.810	0.325	0.188	0.074	0.080	0.007	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,200.10	1,265.30	NOR	HH21-104967	ASSAY	TB21158130	1200.10	1201.00	0.90	0.275	0.032	0.033	0.013	0.047	0.007
		NOR - Medium-dark green with purple plag. ~1258.80m+ depth yields typical fresh norite. Medium-grained/equigranular. Weak to strong semi-pervasive to pervasive chl-act alt. Weak local, selective Na alt. Not grouped with varitextured norite since this ~65m of nor lithology yields nil to trace varitexture phases. Trace fg/diss po-cpy and py mineralization. Local foliation ~40-50dtca. Occasional felsic dike/dikelets. Lower contact where varitextured phases being to occur and with a sharp contact of fine-grained norite ~55dtca	HH21-104968	ASSAY	TB21158130	1201.00	1202.00	1.00	0.191	0.018	0.007	0.010	0.037	0.006
			HH21-104969	ASSAY	TB21158130	1202.00	1203.00	1.00	0.004	0.003	0.004	0.009	0.036	0.006
			HH21-104970	ASSAY	TB21158130	1203.00	1204.00	1.00	0.010	0.003	0.014	0.012	0.037	0.005
			HH21-104971	ASSAY	TB21158130	1204.00	1205.00	1.00	0.011	0.003	0.012	0.013	0.036	0.006
			HH21-104972	ASSAY	TB21158130	1205.00	1206.00	1.00	0.212	0.018	0.021	0.011	0.038	0.006
			HH21-104973	ASSAY	TB21158130	1206.00	1207.00	1.00	0.052	0.005	0.004	0.009	0.039	0.005
			HH21-104974	ASSAY	TB21158130	1207.00	1208.00	1.00	0.003	0.003	0.002	0.007	0.032	0.005
			HH21-104975	ASSAY	TB21158130	1208.00	1209.00	1.00	0.068	0.013	0.009	0.010	0.039	0.006
			HH21-104977	ASSAY	TB21158130	1209.00	1210.00	1.00	0.155	0.021	0.014	0.013	0.040	0.006
			HH21-104978	ASSAY	TB21158130	1210.00	1211.00	1.00	0.007	0.003	0.003	0.009	0.035	0.005
			HH21-104979	ASSAY	TB21158130	1211.00	1212.00	1.00	0.183	0.019	0.019	0.015	0.039	0.006
			HH21-104980	ASSAY	TB21158130	1212.00	1213.00	1.00	0.001	0.003	0.001	0.006	0.033	0.005
			HH21-104981	ASSAY	TB21158130	1213.00	1214.00	1.00	0.001	0.003	0.001	0.008	0.036	0.006
			HH21-104982	ASSAY	TB21158130	1214.00	1215.00	1.00	0.006	0.003	0.002	0.007	0.036	0.006
			HH21-104983	ASSAY	TB21158130	1215.00	1216.00	1.00	0.087	0.008	0.007	0.010	0.039	0.006
			HH21-104984	ASSAY	TB21158130	1216.00	1217.00	1.00	0.001	0.003	0.001	0.006	0.037	0.006
			HH21-104985	ASSAY	TB21158130	1217.00	1218.00	1.00	0.001	0.003	0.001	0.007	0.037	0.006
			HH21-104986	ASSAY	TB21158130	1218.00	1219.00	1.00	0.004	0.003	0.004	0.011	0.036	0.006
			HH21-104988	ASSAY	TB21158130	1219.00	1220.00	1.00	0.048	0.006	0.004	0.008	0.038	0.006
			HH21-104989	ASSAY	TB21158130	1220.00	1221.00	1.00	0.099	0.005	0.010	0.012	0.038	0.006
		HH21-104990	ASSAY	TB21158130	1221.00	1222.00	1.00	0.001	0.003	0.001	0.007	0.034	0.005	
		HH21-104991	ASSAY	TB21158130	1222.00	1223.00	1.00	0.001	0.003	0.001	0.006	0.035	0.005	
		HH21-104992	ASSAY	TB21158130	1223.00	1224.00	1.00	0.013	0.003	0.002	0.007	0.035	0.005	
		HH21-104993	ASSAY	TB21158130	1224.00	1225.00	1.00	0.023	0.003	0.007	0.010	0.035	0.005	
		HH21-104994	ASSAY	TB21158130	1225.00	1226.00	1.00	0.001	0.003	0.001	0.007	0.031	0.005	
		HH21-104995	ASSAY	TB21158130	1226.00	1227.00	1.00	0.001	0.003	0.001	0.003	0.032	0.005	
		HH21-104996	ASSAY	TB21158130	1227.00	1228.00	1.00	0.020	0.008	0.001	0.006	0.037	0.006	
		HH21-104997	ASSAY	TB21158130	1228.00	1229.00	1.00	0.001	0.003	0.001	0.007	0.036	0.006	
		HH21-104998	ASSAY	TB21158130	1229.00	1230.00	1.00	0.161	0.019	0.006	0.010	0.038	0.006	
		HH21-105000	ASSAY	TB21158130	1230.00	1231.00	1.00	0.027	0.005	0.004	0.011	0.037	0.006	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105001	ASSAY	TB21158130	1231.00	1232.00	1.00	0.013	0.003	0.002	0.008	0.035	0.005
			HH21-105002	ASSAY	TB21158130	1232.00	1233.00	1.00	0.001	0.003	0.001	0.006	0.034	0.006
			HH21-105003	ASSAY	TB21158130	1233.00	1234.00	1.00	0.001	0.003	0.004	0.008	0.035	0.006
			HH21-105004	ASSAY	TB21158130	1234.00	1235.00	1.00	0.294	0.028	0.006	0.013	0.040	0.006
			HH21-105006	ASSAY	TB21158130	1235.00	1236.00	1.00	0.047	0.005	0.001	0.010	0.033	0.005
			HH21-105007	ASSAY	TB21158130	1236.00	1237.00	1.00	0.001	0.003	0.001	0.005	0.029	0.005
			HH21-105008	ASSAY	TB21158130	1237.00	1238.00	1.00	0.001	0.003	0.001	0.007	0.037	0.006
			HH21-105009	ASSAY	TB21158130	1238.00	1239.00	1.00	0.001	0.005	0.001	0.007	0.033	0.005
			HH21-105010	ASSAY	TB21158130	1239.00	1240.00	1.00	0.057	0.009	0.001	0.007	0.036	0.006
			HH21-105011	ASSAY	TB21158130	1240.00	1241.00	1.00	0.014	0.003	0.001	0.004	0.034	0.005
			HH21-105012	ASSAY	TB21158130	1241.00	1242.00	1.00	0.001	0.003	0.001	0.006	0.035	0.005
			HH21-105013	ASSAY	TB21158130	1242.00	1243.00	1.00	0.025	0.003	0.011	0.013	0.034	0.005
			HH21-105014	ASSAY	TB21158130	1243.00	1244.00	1.00	0.026	0.006	0.012	0.011	0.033	0.005
			HH21-105015	ASSAY	TB21158130	1244.00	1245.00	1.00	0.012	0.006	0.002	0.007	0.030	0.005
			HH21-105016	ASSAY	TB21158130	1245.00	1246.00	1.00	0.001	0.003	0.001	0.017	0.033	0.005
			HH21-105018	ASSAY	TB21158131	1246.00	1247.00	1.00	0.049	0.007	0.003	0.007	0.033	0.005
			HH21-105019	ASSAY	TB21158131	1247.00	1248.00	1.00	0.026	0.003	0.001	0.007	0.036	0.006
			HH21-105020	ASSAY	TB21158131	1248.00	1249.00	1.00	0.002	0.003	0.001	0.007	0.034	0.005
			HH21-105021	ASSAY	TB21158131	1249.00	1250.00	1.00	0.008	0.003	0.001	0.008	0.034	0.005
			HH21-105022	ASSAY	TB21158131	1250.00	1251.00	1.00	0.337	0.033	0.037	0.027	0.044	0.006
			HH21-105023	ASSAY	TB21158131	1251.00	1252.00	1.00	0.003	0.003	0.003	0.009	0.034	0.005
			HH21-105024	ASSAY	TB21158131	1252.00	1253.00	1.00	0.012	0.003	0.001	0.006	0.035	0.005
			HH21-105025	ASSAY	TB21158131	1253.00	1254.00	1.00	0.021	0.003	0.004	0.007	0.032	0.005
			HH21-105026	ASSAY	TB21158131	1254.00	1255.00	1.00	0.002	0.003	0.002	0.008	0.036	0.006
			HH21-105027	ASSAY	TB21158131	1255.00	1256.00	1.00	0.002	0.003	0.002	0.008	0.037	0.005
			HH21-105028	ASSAY	TB21158131	1256.00	1257.00	1.00	0.002	0.003	0.003	0.009	0.040	0.006
			HH21-105029	ASSAY	TB21158131	1257.00	1258.00	1.00	0.011	0.003	0.003	0.013	0.044	0.006
			HH21-105030	ASSAY	TB21158131	1258.00	1259.00	1.00	0.044	0.007	0.002	0.011	0.043	0.006
			HH21-105031	ASSAY	TB21158131	1259.00	1260.00	1.00	0.002	0.003	0.001	0.008	0.039	0.006
			HH21-105032	ASSAY	TB21158131	1260.00	1261.00	1.00	0.003	0.003	0.002	0.011	0.042	0.006
			HH21-105033	ASSAY	TB21158131	1261.00	1262.00	1.00	0.044	0.007	0.005	0.012	0.042	0.006
			HH21-105034	ASSAY	TB21158131	1262.00	1263.00	1.00	0.011	0.003	0.003	0.010	0.040	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105035	ASSAY	TB21158131	1263.00	1264.00	1.00	0.568	0.064	0.031	0.024	0.049	0.006
			HH21-105037	ASSAY	TB21158131	1264.00	1265.30	1.30	0.240	0.026	0.031	0.024	0.048	0.007



From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,265.30	1,294.50	NOR-Vt	HH21-105038	ASSAY	TB21158131	1265.30	1266.00	0.70	0.713	0.096	0.060	0.053	0.044	0.005
<p>NOR(VT) - Medium-grained with lesser fine-grained and lesser coarse-grained phases. Dominantly medium-grained with ~5-10% fg phases and ~3% coarse-grained phases. Only instance of cg phases occur intermittently in first 2m of core. Fine-grained phases intermittently occur in first 2m of core and last ~7m of core.</p> <p>Moderate-strongly pervasive chl-act altered. Dominantly trace fg diss sulphide except in the coarse-grained phases proximal to upper contact. Mineralization in the cg phases is locally 2% blebby po-cpy and ~0.5-1% magnetite. Massive. Occasional felsic veinlet/vein. Lower contact is somewhat arbitrary and chosen where the last fg phase was observed. Contact ~0-30dtca</p>			HH21-105039	ASSAY	TB21158131	1266.00	1267.00	1.00	0.129	0.014	0.019	0.021	0.047	0.007
			HH21-105040	ASSAY	TB21158131	1267.00	1268.00	1.00	0.697	0.097	0.043	0.049	0.069	0.008
			HH21-105041	ASSAY	TB21158131	1268.00	1269.00	1.00	0.004	0.003	0.003	0.012	0.040	0.006
			HH21-105042	ASSAY	TB21158131	1269.00	1270.00	1.00	0.006	0.003	0.004	0.017	0.044	0.006
			HH21-105043	ASSAY	TB21158131	1270.00	1271.00	1.00	0.002	0.003	0.006	0.015	0.030	0.006
			HH21-105044	ASSAY	TB21158131	1271.00	1272.00	1.00	0.003	0.003	0.002	0.012	0.037	0.006
			HH21-105045	ASSAY	TB21158131	1272.00	1273.00	1.00	0.003	0.003	0.006	0.014	0.035	0.006
			HH21-105046	ASSAY	TB21158131	1273.00	1274.00	1.00	0.092	0.020	0.014	0.027	0.050	0.008
			HH21-105047	ASSAY	TB21158131	1274.00	1275.00	1.00	0.004	0.003	0.005	0.011	0.033	0.006
			HH21-105048	ASSAY	TB21158131	1275.00	1276.00	1.00	0.019	0.003	0.009	0.025	0.047	0.007
			HH21-105049	ASSAY	TB21158131	1276.00	1277.00	1.00	0.001	0.003	0.006	0.015	0.040	0.008
			HH21-105051	ASSAY	TB21158131	1277.00	1278.00	1.00	0.002	0.003	0.002	0.010	0.037	0.007
			HH21-105052	ASSAY	TB21158131	1278.00	1279.00	1.00	0.001	0.003	0.002	0.010	0.036	0.007
			HH21-105053	ASSAY	TB21158131	1279.00	1280.00	1.00	0.003	0.003	0.002	0.010	0.036	0.007
			HH21-105054	ASSAY	TB21158131	1280.00	1281.00	1.00	0.002	0.003	0.004	0.010	0.034	0.007
			HH21-105055	ASSAY	TB21158131	1281.00	1282.00	1.00	0.008	0.003	0.002	0.012	0.039	0.008
			HH21-105056	ASSAY	TB21158131	1282.00	1283.00	1.00	0.133	0.016	0.007	0.012	0.044	0.008
			HH21-105057	ASSAY	TB21158131	1283.00	1284.00	1.00	0.001	0.003	0.002	0.011	0.036	0.007
			HH21-105058	ASSAY	TB21158131	1284.00	1285.00	1.00	0.001	0.003	0.001	0.011	0.035	0.007
			HH21-105059	ASSAY	TB21158131	1285.00	1286.00	1.00	0.005	0.003	0.002	0.011	0.037	0.007
HH21-105060	ASSAY	TB21158131	1286.00	1287.00	1.00	0.044	0.006	0.003	0.012	0.039	0.007			
HH21-105061	ASSAY	TB21158131	1287.00	1288.00	1.00	0.017	0.003	0.004	0.013	0.033	0.007			
HH21-105062	ASSAY	TB21158131	1288.00	1289.00	1.00	0.186	0.019	0.012	0.017	0.026	0.005			
HH21-105064	ASSAY	TB21158131	1289.00	1290.00	1.00	0.097	0.009	0.011	0.017	0.032	0.005			
HH21-105065	ASSAY	TB21158131	1290.00	1291.00	1.00	0.009	0.003	0.002	0.016	0.041	0.007			
HH21-105066	ASSAY	TB21158131	1291.00	1292.00	1.00	0.098	0.011	0.008	0.022	0.041	0.006			
HH21-105067	ASSAY	TB21158131	1292.00	1293.00	1.00	0.230	0.024	0.009	0.016	0.032	0.005			
HH21-105068	ASSAY	TB21158131	1293.00	1294.00	1.00	0.011	0.003	0.004	0.012	0.023	0.005			
HH21-105069	ASSAY	TB21158131	1294.00	1294.50	0.50	0.040	0.007	0.005	0.013	0.026	0.005			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,294.50	1,338.37	MNOR	HH21-105070	ASSAY	TB21158131	1294.50	1295.00	0.50	0.011	0.003	0.005	0.008	0.038	0.007
MNOR - Medium-dark green with purple plag. Possible just NOR. Medium-grained/equigranular with trace ~5-10cm intervals of cg vt at 1311.50m and 1317.40m depth. Strong semi-pervasive to pervasive chl-act alt with overprinting of most grains. Trace fg/diss po-cpy and py mineralization with a slight increase to ~0.5% blebby po-cpy in the small cg phases. Occasional felsic dikes/dikelets. Sharp lower contact into felsic dike.			HH21-105071	ASSAY	TB21158131	1295.00	1296.00	1.00	0.004	0.003	0.003	0.012	0.041	0.007
			HH21-105072	ASSAY	TB21158131	1296.00	1297.00	1.00	0.014	0.003	0.003	0.015	0.040	0.007
			HH21-105074	ASSAY	TB21158131	1297.00	1298.00	1.00	0.087	0.011	0.004	0.017	0.041	0.008
			HH21-105075	ASSAY	TB21158131	1298.00	1299.00	1.00	0.029	0.006	0.014	0.041	0.048	0.007
			HH21-105076	ASSAY	TB21158131	1299.00	1300.00	1.00	0.001	0.003	0.001	0.009	0.037	0.007
			HH21-105077	ASSAY	TB21158131	1300.00	1301.00	1.00	0.002	0.003	0.001	0.008	0.034	0.007
			HH21-105078	ASSAY	TB21158131	1301.00	1302.00	1.00	0.007	0.003	0.004	0.013	0.034	0.007
			HH21-105079	ASSAY	TB21158131	1302.00	1303.00	1.00	0.002	0.003	0.001	0.015	0.035	0.007
			HH21-105080	ASSAY	TB21158131	1303.00	1304.00	1.00	0.001	0.003	0.001	0.014	0.036	0.006
			HH21-105081	ASSAY	TB21158131	1304.00	1305.00	1.00	0.001	0.003	0.001	0.014	0.039	0.007
			HH21-105083	ASSAY	TB21158131	1305.00	1306.00	1.00	0.003	0.003	0.003	0.023	0.044	0.007
			HH21-105084	ASSAY	TB21158131	1306.00	1307.00	1.00	0.003	0.003	0.002	0.014	0.039	0.007
			HH21-105085	ASSAY	TB21158131	1307.00	1308.00	1.00	0.021	0.003	0.002	0.014	0.036	0.006
			HH21-105086	ASSAY	TB21158131	1308.00	1309.00	1.00	0.005	0.003	0.003	0.034	0.049	0.007
			HH21-105087	ASSAY	TB21158131	1309.00	1310.00	1.00	0.001	0.003	0.002	0.017	0.037	0.006
HH21-105088	ASSAY	TB21158131	1310.00	1311.00	1.00	0.010	0.003	0.012	0.028	0.033	0.006			
HH21-105089	ASSAY	TB21158131	1311.00	1312.00	1.00	0.373	0.038	0.016	0.033	0.047	0.008			
HH21-105090	ASSAY	TB21158131	1312.00	1313.00	1.00	0.023	0.003	0.002	0.007	0.035	0.006			
HH21-105091	ASSAY	TB21158131	1313.00	1314.00	1.00	0.001	0.003	0.008	0.006	0.034	0.006			
HH21-105092	ASSAY	TB21158131	1314.00	1315.00	1.00	0.001	0.003	0.008	0.015	0.038	0.007			
HH21-105093	ASSAY	TB21158131	1315.00	1316.00	1.00	0.025	0.003	0.002	0.008	0.039	0.007			
HH21-105094	ASSAY	TB21158131	1316.00	1317.00	1.00	0.158	0.014	0.004	0.011	0.038	0.006			
HH21-105096	ASSAY	TB21161274	1317.00	1318.00	1.00	0.923	0.080	0.028	0.025	0.053	0.007			
HH21-105097	ASSAY	TB21161274	1318.00	1319.00	1.00	0.009	0.003	0.005	0.009	0.036	0.007			
HH21-105098	ASSAY	TB21161274	1319.00	1320.00	1.00	0.084	0.010	0.001	0.007	0.040	0.007			
HH21-105099	ASSAY	TB21161274	1320.00	1321.00	1.00	0.005	0.003	0.002	0.008	0.038	0.007			
HH21-105100	ASSAY	TB21161274	1321.00	1322.00	1.00	0.082	0.010	0.004	0.009	0.038	0.007			
HH21-105101	ASSAY	TB21161274	1322.00	1323.00	1.00	1.030	0.089	0.018	0.019	0.048	0.007			
HH21-105102	ASSAY	TB21161274	1323.00	1324.00	1.00	0.005	0.003	0.002	0.007	0.041	0.007			
HH21-105103	ASSAY	TB21161274	1324.00	1325.00	1.00	0.002	0.003	0.001	0.006	0.041	0.007			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105104	ASSAY	TB21161274	1325.00	1326.00	1.00	0.001	0.003	0.001	0.004	0.032	0.006
			HH21-105105	ASSAY	TB21161274	1326.00	1327.00	1.00	0.002	0.003	0.004	0.017	0.011	0.003
			HH21-105106	ASSAY	TB21161274	1327.00	1328.00	1.00	0.097	0.009	0.001	0.006	0.040	0.007
			HH21-105107	ASSAY	TB21161274	1328.00	1329.00	1.00	0.002	0.003	0.001	0.005	0.040	0.007
			HH21-105108	ASSAY	TB21161274	1329.00	1330.00	1.00	0.002	0.003	0.002	0.014	0.043	0.007
			HH21-105109	ASSAY	TB21161274	1330.00	1331.00	1.00	0.001	0.003	0.001	0.012	0.045	0.008
			HH21-105111	ASSAY	TB21161274	1331.00	1332.00	1.00	0.002	0.003	0.001	0.008	0.038	0.007
			HH21-105112	ASSAY	TB21161274	1332.00	1333.00	1.00	0.002	0.003	0.001	0.008	0.040	0.007
			HH21-105113	ASSAY	TB21161274	1333.00	1334.00	1.00	0.075	0.008	0.001	0.006	0.039	0.007
			HH21-105114	ASSAY	TB21161274	1334.00	1335.00	1.00	0.001	0.003	0.001	0.007	0.036	0.007
			HH21-105115	ASSAY	TB21161274	1335.00	1336.00	1.00	0.001	0.003	0.001	0.007	0.037	0.007
			HH21-105116	ASSAY	TB21161274	1336.00	1337.00	1.00	0.043	0.008	0.007	0.019	0.049	0.008
			HH21-105117	ASSAY	TB21161274	1337.00	1338.37	1.37	0.001	0.003	0.001	0.010	0.047	0.009
1,338.37	1,339.64	DIKE-Felsic	HH21-105118	ASSAY	TB21161274	1338.37	1339.00	0.63	0.003	0.003	0.003	0.004	0.014	0.003
Felsic Dike - White, grey, beige, green. Dominantly subhedral plag with biotite and trace mnor xenoliths. ~60-65dtca foliation. Nil mineralization. Sharp lower contact ~20dtca			HH21-105119	ASSAY	TB21161274	1339.00	1339.64	0.64	0.003	0.003	0.001	0.004	0.017	0.003
1,339.64	1,352.00	MNOR	HH21-105120	ASSAY	TB21161274	1339.64	1341.00	1.36	0.102	0.011	0.002	0.009	0.040	0.007
Same as MNOR above. No Vt phases.			HH21-105121	ASSAY	TB21161274	1341.00	1342.00	1.00	0.016	0.003	0.001	0.014	0.050	0.008
			HH21-105122	ASSAY	TB21161274	1342.00	1343.00	1.00	0.032	0.003	0.001	0.011	0.048	0.008
			HH21-105123	ASSAY	TB21161274	1343.00	1344.00	1.00	0.002	0.003	0.001	0.008	0.043	0.007
			HH21-105125	ASSAY	TB21161274	1344.00	1345.00	1.00	0.052	0.010	0.002	0.009	0.043	0.007
			HH21-105126	ASSAY	TB21161274	1345.00	1346.00	1.00	0.052	0.005	0.004	0.007	0.042	0.007
			HH21-105127	ASSAY	TB21161274	1346.00	1347.00	1.00	0.002	0.003	0.002	0.007	0.042	0.007
			HH21-105128	ASSAY	TB21161274	1347.00	1348.00	1.00	0.004	0.003	0.001	0.006	0.044	0.008
			HH21-105129	ASSAY	TB21161274	1348.00	1349.00	1.00	0.027	0.003	0.003	0.009	0.040	0.007
			HH21-105130	ASSAY	TB21161274	1349.00	1350.00	1.00	0.001	0.003	0.001	0.008	0.044	0.007
			HH21-105131	ASSAY	TB21161274	1350.00	1351.00	1.00	0.008	0.003	0.001	0.007	0.040	0.007
			HH21-105132	ASSAY	TB21161274	1351.00	1352.00	1.00	0.001	0.003	0.001	0.005	0.037	0.007

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	191.29	-67.37	EXSPRINT	O	
5.02	189.58	-67.10	EXSPRINT	O	
10.00	189.29	-67.15	EXSPRINT	O	
15.02	189.35	-67.18	EXSPRINT	O	
20.00	189.32	-67.14	EXSPRINT	O	
25.00	189.30	-67.17	EXSPRINT	O	
30.01	189.50	-67.23	EXSPRINT	O	
35.01	189.60	-67.17	EXSPRINT	O	
40.01	189.62	-66.99	EXSPRINT	O	
45.01	189.73	-66.88	EXSPRINT	O	
50.03	189.73	-67.12	EXSPRINT	O	
55.03	189.60	-67.06	EXSPRINT	O	
60.02	189.57	-67.05	EXSPRINT	O	
65.00	189.74	-67.03	EXSPRINT	O	
70.03	189.80	-66.93	EXSPRINT	O	
75.04	189.95	-66.97	EXSPRINT	O	
80.02	189.87	-66.93	EXSPRINT	O	
85.02	189.98	-66.91	EXSPRINT	O	
90.00	190.20	-66.89	EXSPRINT	O	
95.03	190.43	-66.86	EXSPRINT	O	
100.00	190.01	-66.86	EXSPRINT	O	
105.02	190.30	-66.74	EXSPRINT	O	
110.01	190.30	-66.83	EXSPRINT	O	
115.02	190.81	-66.65	EXSPRINT	O	
120.04	190.96	-66.62	EXSPRINT	O	
125.00	190.81	-66.53	EXSPRINT	O	
130.00	190.82	-66.63	EXSPRINT	O	
135.03	190.38	-66.59	EXSPRINT	O	
140.04	190.50	-66.59	EXSPRINT	O	
145.02	190.33	-66.49	EXSPRINT	O	
150.04	190.51	-66.49	EXSPRINT	O	
155.01	190.44	-66.44	EXSPRINT	O	
160.01	190.66	-66.44	EXSPRINT	O	
165.01	190.60	-66.43	EXSPRINT	O	
170.01	190.66	-66.40	EXSPRINT	O	
175.04	190.73	-66.34	EXSPRINT	O	
180.03	190.88	-66.31	EXSPRINT	O	

185.00	190.87	-66.28	EXSPRINT	O
190.00	191.01	-66.23	EXSPRINT	O
195.05	191.22	-66.23	EXSPRINT	O
200.01	190.98	-66.21	EXSPRINT	O
205.02	191.20	-66.09	EXSPRINT	O
210.02	191.03	-66.03	EXSPRINT	O
215.00	191.26	-66.01	EXSPRINT	O
220.04	191.43	-66.05	EXSPRINT	O
225.03	191.47	-65.96	EXSPRINT	O
230.00	191.59	-65.94	EXSPRINT	O
235.04	191.61	-65.88	EXSPRINT	O
240.00	191.65	-65.84	EXSPRINT	O
245.03	191.63	-65.87	EXSPRINT	O
250.04	191.99	-65.75	EXSPRINT	O
255.03	191.76	-65.71	EXSPRINT	O
260.02	191.78	-65.68	EXSPRINT	O
265.04	191.89	-65.65	EXSPRINT	O
270.02	191.82	-65.55	EXSPRINT	O
275.04	192.07	-65.55	EXSPRINT	O
280.01	192.05	-65.45	EXSPRINT	O
285.01	192.24	-65.43	EXSPRINT	O
290.05	192.23	-65.38	EXSPRINT	O
295.00	192.65	-65.26	EXSPRINT	O
300.04	192.63	-65.28	EXSPRINT	O
305.03	192.65	-65.13	EXSPRINT	O
310.04	192.47	-65.19	EXSPRINT	O
315.00	192.60	-65.15	EXSPRINT	O
320.02	193.26	-65.14	EXSPRINT	O
325.03	193.40	-64.88	EXSPRINT	O
330.00	192.70	-65.01	EXSPRINT	O
335.00	192.72	-65.04	EXSPRINT	O
340.04	192.78	-64.98	EXSPRINT	O
345.01	192.74	-64.96	EXSPRINT	O
350.03	192.64	-64.99	EXSPRINT	O
355.00	192.95	-65.05	EXSPRINT	O
360.00	192.76	-64.83	EXSPRINT	O
365.01	193.06	-64.87	EXSPRINT	O
370.03	193.18	-64.86	EXSPRINT	O
375.03	192.79	-64.77	EXSPRINT	O
380.04	192.88	-64.76	EXSPRINT	O

385.01	192.93	-64.69	EXSPRINT	O
390.03	192.68	-64.73	EXSPRINT	O
395.03	192.75	-64.78	EXSPRINT	O
400.02	192.84	-64.74	EXSPRINT	O
405.00	192.64	-64.72	EXSPRINT	O
410.02	192.74	-64.77	EXSPRINT	O
415.03	192.84	-64.72	EXSPRINT	O
420.03	192.90	-64.73	EXSPRINT	O
425.05	192.85	-64.66	EXSPRINT	O
430.01	192.78	-64.72	EXSPRINT	O
435.02	192.66	-64.57	EXSPRINT	O
440.04	192.91	-64.62	EXSPRINT	O
445.03	192.74	-64.62	EXSPRINT	O
450.02	192.96	-64.63	EXSPRINT	O
455.01	192.99	-64.72	EXSPRINT	O
460.01	192.98	-64.82	EXSPRINT	O
465.02	192.84	-64.87	EXSPRINT	O
470.00	193.00	-64.89	EXSPRINT	O
475.04	192.82	-64.89	EXSPRINT	O
480.03	193.00	-64.95	EXSPRINT	O
485.02	192.78	-64.91	EXSPRINT	O
490.05	193.35	-64.96	EXSPRINT	O
495.01	193.07	-65.02	EXSPRINT	O
500.00	193.39	-65.07	EXSPRINT	O
505.04	193.14	-65.10	EXSPRINT	O
510.02	193.26	-65.09	EXSPRINT	O
515.09	193.35	-65.06	EXSPRINT	O
520.11	193.52	-65.05	EXSPRINT	O
525.06	193.70	-64.93	EXSPRINT	O
530.01	193.64	-64.87	EXSPRINT	O
535.04	193.49	-64.96	EXSPRINT	O
540.02	193.45	-65.03	EXSPRINT	O
545.01	193.68	-64.95	EXSPRINT	O
550.02	193.80	-64.98	EXSPRINT	O
555.02	193.82	-64.80	EXSPRINT	O
560.01	194.10	-64.87	EXSPRINT	O
565.09	193.96	-64.76	EXSPRINT	O
570.01	193.67	-64.81	EXSPRINT	O
575.02	193.88	-64.78	EXSPRINT	O
580.03	193.81	-64.68	EXSPRINT	O

585.04	193.81	-64.57	EXSPRINT	O
590.02	194.82	-65.90	EXSPRINT	O
595.04	196.24	-67.27	EXSPRINT	O
600.04	196.89	-67.93	EXSPRINT	O
605.00	197.74	-68.45	EXSPRINT	O
610.00	197.96	-68.32	EXSPRINT	O
615.02	198.29	-68.49	EXSPRINT	O
620.03	198.67	-68.45	EXSPRINT	O
625.06	199.12	-68.46	EXSPRINT	O
630.04	199.37	-68.46	EXSPRINT	O
635.05	199.52	-68.60	EXSPRINT	O
640.02	199.64	-68.66	EXSPRINT	O
645.01	199.71	-68.57	EXSPRINT	O
650.00	199.89	-68.71	EXSPRINT	O
655.01	200.31	-68.79	EXSPRINT	O
660.01	200.90	-68.86	EXSPRINT	O
665.02	201.38	-69.00	EXSPRINT	O
670.07	200.54	-69.02	EXSPRINT	O
675.05	200.77	-69.01	EXSPRINT	O
680.03	200.82	-69.03	EXSPRINT	O
685.02	200.84	-69.07	EXSPRINT	O
690.11	200.88	-68.99	EXSPRINT	O
695.00	200.76	-68.97	EXSPRINT	O
700.02	201.07	-69.07	EXSPRINT	O
705.01	201.31	-69.09	EXSPRINT	O
710.08	200.96	-69.12	EXSPRINT	O
715.02	200.82	-69.12	EXSPRINT	O
720.04	200.61	-69.29	EXSPRINT	O
725.01	200.29	-69.28	EXSPRINT	O
730.05	200.38	-69.23	EXSPRINT	O
735.03	200.52	-69.20	EXSPRINT	O
740.06	200.55	-69.34	EXSPRINT	O
745.05	200.74	-69.38	EXSPRINT	O
750.00	200.70	-69.32	EXSPRINT	O
755.08	200.82	-69.25	EXSPRINT	O
760.05	200.46	-69.30	EXSPRINT	O
765.01	200.57	-69.27	EXSPRINT	O
770.02	200.31	-69.20	EXSPRINT	O
775.00	200.53	-69.27	EXSPRINT	O
780.03	200.53	-69.22	EXSPRINT	O

785.05	200.52	-69.25	EXSPRINT	O
790.06	201.41	-69.15	EXSPRINT	O
795.00	201.80	-69.27	EXSPRINT	O
800.10	202.53	-69.29	EXSPRINT	O
805.00	202.91	-69.23	EXSPRINT	O
810.02	203.26	-69.13	EXSPRINT	O
815.02	203.16	-68.98	EXSPRINT	O
820.02	203.49	-68.85	EXSPRINT	O
825.00	204.17	-68.80	EXSPRINT	O
830.01	204.07	-68.63	EXSPRINT	O
835.02	204.64	-68.59	EXSPRINT	O
840.02	205.17	-68.65	EXSPRINT	O
845.04	205.77	-68.59	EXSPRINT	O
850.01	206.27	-68.61	EXSPRINT	O
855.03	206.62	-68.57	EXSPRINT	O
860.02	207.23	-68.68	EXSPRINT	O
865.03	207.67	-68.65	EXSPRINT	O
870.01	208.22	-68.56	EXSPRINT	O
875.01	208.95	-68.47	EXSPRINT	O
880.03	209.48	-68.48	EXSPRINT	O
885.05	210.05	-68.57	EXSPRINT	O
890.00	210.64	-68.36	EXSPRINT	O
895.04	210.59	-68.41	EXSPRINT	O
900.00	211.01	-68.39	EXSPRINT	O
905.02	211.40	-68.35	EXSPRINT	O
910.02	211.87	-68.39	EXSPRINT	O
915.02	212.20	-68.36	EXSPRINT	O
920.01	212.46	-68.23	EXSPRINT	O
925.02	212.74	-68.14	EXSPRINT	O
930.01	212.85	-68.06	EXSPRINT	O
935.04	213.09	-67.96	EXSPRINT	O
940.03	213.06	-67.92	EXSPRINT	O
945.04	213.32	-67.93	EXSPRINT	O
950.05	213.52	-67.86	EXSPRINT	O
955.05	213.99	-67.58	EXSPRINT	O
960.00	214.19	-67.39	EXSPRINT	O
965.00	214.29	-67.11	EXSPRINT	O
970.04	214.68	-67.02	EXSPRINT	O
975.00	214.67	-66.91	EXSPRINT	O
980.01	215.23	-66.83	EXSPRINT	O

985.04	215.62	-66.71	EXSPRINT	O
990.01	215.73	-66.61	EXSPRINT	O
995.03	216.03	-66.53	EXSPRINT	O
1000.02	216.03	-66.53	EXSPRINT	O
1005.01	216.48	-66.42	EXSPRINT	O
1010.01	216.66	-66.28	EXSPRINT	O
1015.03	217.05	-66.15	EXSPRINT	O
1020.04	217.06	-66.12	EXSPRINT	O
1025.03	217.42	-65.83	EXSPRINT	O
1030.00	217.13	-65.68	EXSPRINT	O
1035.01	217.42	-65.66	EXSPRINT	O
1040.01	217.99	-65.67	EXSPRINT	O
1045.05	217.95	-65.64	EXSPRINT	O
1050.00	218.42	-65.67	EXSPRINT	O
1055.01	218.58	-65.52	EXSPRINT	O
1060.03	218.43	-65.49	EXSPRINT	O
1065.03	218.74	-65.22	EXSPRINT	O
1070.03	218.71	-64.89	EXSPRINT	O
1075.03	218.32	-64.83	EXSPRINT	O
1080.00	218.58	-64.70	EXSPRINT	O
1085.02	218.77	-64.64	EXSPRINT	O
1090.05	218.78	-64.66	EXSPRINT	O
1095.02	218.86	-64.49	EXSPRINT	O
1100.02	218.91	-64.32	EXSPRINT	O
1105.04	218.61	-64.22	EXSPRINT	O
1110.04	219.02	-64.04	EXSPRINT	O
1115.03	219.34	-63.91	EXSPRINT	O
1120.03	219.63	-63.74	EXSPRINT	O
1125.02	219.62	-63.65	EXSPRINT	O
1130.02	219.60	-63.49	EXSPRINT	O
1135.01	219.63	-63.35	EXSPRINT	O
1140.01	219.65	-63.12	EXSPRINT	O
1145.01	219.81	-62.95	EXSPRINT	O
1150.00	220.15	-62.83	EXSPRINT	O
1155.04	220.41	-62.65	EXSPRINT	O
1160.04	220.72	-62.59	EXSPRINT	O
1165.02	220.66	-62.47	EXSPRINT	O
1170.02	221.03	-62.29	EXSPRINT	O
1175.01	220.84	-62.06	EXSPRINT	O
1180.03	220.67	-61.93	EXSPRINT	O

Hole Number: 21-701W1Z

Units: METRIC

1185.03	220.64	-61.87	EXSPRINT	O
1190.04	220.53	-61.74	EXSPRINT	O
1195.01	220.71	-61.60	EXSPRINT	O
1200.05	220.57	-61.43	EXSPRINT	O
1205.00	220.29	-61.33	EXSPRINT	O
1210.03	220.36	-61.30	EXSPRINT	O
1215.03	220.22	-61.35	EXSPRINT	O
1220.01	219.96	-61.43	EXSPRINT	O
1225.03	220.03	-61.45	EXSPRINT	O
1230.03	219.90	-61.51	EXSPRINT	O
1235.05	219.25	-61.40	EXSPRINT	O
1240.00	218.93	-61.41	EXSPRINT	O
1245.03	218.63	-61.31	EXSPRINT	O
1250.00	218.71	-61.05	EXSPRINT	O
1255.02	218.52	-60.90	EXSPRINT	O
1260.01	218.71	-60.74	EXSPRINT	O
1265.00	218.58	-60.59	EXSPRINT	O
1270.02	218.30	-60.54	EXSPRINT	O
1275.04	217.96	-60.25	EXSPRINT	O
1280.04	217.74	-60.05	EXSPRINT	O
1285.03	217.84	-59.71	EXSPRINT	O
1290.03	217.53	-59.24	EXSPRINT	O
1295.02	217.65	-58.75	EXSPRINT	O
1300.03	217.60	-58.32	EXSPRINT	O
1305.03	217.51	-58.13	EXSPRINT	O
1310.02	217.45	-57.94	EXSPRINT	O
1315.00	217.40	-57.63	EXSPRINT	O
1320.04	217.54	-57.53	EXSPRINT	O
1325.02	217.68	-57.24	EXSPRINT	O
1328.60	217.61	-56.95	EXSPRINT	O



Detailed Log Report
Hole Number 21-702Z

Project Name: LDI - Mine	Primary Coordinates Grid: MINE:	Hole Status: Completed
Project Code: LDI MINE	North: 31,840.28	Length: 1,452.00
Location:	East: 31,885.79	Hole Size: NQ
Start Date: Jun 16, 2021	Elev: -581.85	Hole Type: DDH
Completed Date: Jul 10, 2021	Collar Dip: -60.80	Casing: No
Contractor: G4 Forage Drilling	Collar Az: 189.63	Cemented: Yes
Core Storage: Lac des Iles Minesite-cross piles	Destination Coordinates Grid: UTM83-16	Collar Survey: N Plugged: N
Units: METRIC	North: 5,449,444.94	Multishot Survey: N Pulse EM Survey: N
Start Log: Jun 22, 2021	East: 309,248.89	EOH: 1,452.00
End Log: Sep 08, 2021	Elev: -581.85	Artesian Cond: No
Logged By 1: Kyle Miller	Claim: 252	Abandon Reason:

Comments: KM logged 0-382m and 559-1074.50m depth

DN logged 1169-1337m depth Drill Hole: 21-702 was renamed to: 21-702Z through Fusion Client by kchovancak on 2021-08-17 13:44:16

414m steel left in hole

Detailed Lithology														
From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
0.00	16.17	GAB-Vt												
GAB-Vt - Moderate green with strong pervasive chl-act alt and local selective pink k alt. Medium-grained with leuco phases. Loggable as strongly altered norite with leuco phases. Leuco phases ~8-8.30m and ~10.50-11m depth. Nil to trace mineralization. Massive until proximal to lower contact where strong														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
foliation ~30dtca occurs. Sharp lower contact into mafic dike.														
16.17	30.00	DIKE-Mafic												
MAFIC DIKE - Black. Aphanitic. Strong foliation ~30dtca. Trace diss py. Sharp lower contact along core axis.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
30.00	137.14	GAB-Vt	HH21-105174	ASSAY	TB21164605	47.97	49.00	1.03	0.264	0.042	0.010	0.018	0.041	0.005
<p>GAB-Vt - Moderate green with white plag. Textures widely range from fine-grained to medium-grained and coarse-grained/pegmatitic with occasional leucocratic phases. Strong semi-pervasive to pervasive chl-act alt. Fine-grained interval ~36.70-44.90m depth, dominantly coarse-grained/peg intervals ~44.90-47.60m, ~66.60-72m, 78-96m. Elsewhere dominantly medium-grained. Trace up to 0.5-1% local intervals of py-po-cpy+/-pn mineralization. Mostly blebby mineralization with lesser fine-grained/disseminated and instances of ff mineralization ~72-75m depth. Dominantly massive. Strain zone with foliation ~parallel to core axis occurs towards lower contact at ~126-129m depth and possibly marks the change in lithology to norite. Occasional felsic dikes/dikelets an one intermediate dike. Somewhat arbitrary lower contact.</p>			HH21-105175	ASSAY	TB21164605	49.00	50.00	1.00	0.150	0.023	0.010	0.014	0.033	0.005
			HH21-105176	ASSAY	TB21164605	50.00	51.00	1.00	0.089	0.018	0.007	0.017	0.031	0.005
			HH21-105177	ASSAY	TB21164605	51.00	52.00	1.00	0.443	0.074	0.003	0.012	0.044	0.005
			HH21-105178	ASSAY	TB21164605	52.00	53.00	1.00	0.309	0.067	0.001	0.001	0.039	0.005
			HH21-105179	ASSAY	TB21164605	53.00	54.00	1.00	0.383	0.081	0.001	0.001	0.049	0.007
			HH21-105180	ASSAY	TB21164605	54.00	55.00	1.00	0.282	0.069	0.003	0.004	0.038	0.005
			HH21-105181	ASSAY	TB21164605	55.00	56.00	1.00	0.408	0.076	0.007	0.012	0.040	0.005
			HH21-105182	ASSAY	TB21164605	56.00	57.00	1.00	0.364	0.072	0.010	0.013	0.039	0.005
			HH21-105183	ASSAY	TB21164605	57.00	58.00	1.00	0.311	0.076	0.013	0.017	0.037	0.005
			HH21-105185	ASSAY	TB21164605	58.00	59.00	1.00	0.458	0.127	0.029	0.031	0.041	0.004
			HH21-105186	ASSAY	TB21164605	59.00	60.00	1.00	0.535	0.152	0.021	0.022	0.038	0.004
			HH21-105187	ASSAY	TB21164605	60.00	61.00	1.00	0.399	0.097	0.011	0.013	0.031	0.004
			HH21-105188	ASSAY	TB21164605	61.00	62.00	1.00	0.303	0.067	0.009	0.013	0.036	0.005
			HH21-105189	ASSAY	TB21164605	62.00	63.00	1.00	0.302	0.071	0.019	0.017	0.034	0.004
			HH21-105190	ASSAY	TB21164605	63.00	64.00	1.00	0.304	0.068	0.026	0.021	0.040	0.004
			HH21-105191	ASSAY	TB21164605	64.00	65.00	1.00	0.314	0.082	0.013	0.011	0.039	0.005
			HH21-105192	ASSAY	TB21164605	65.00	66.00	1.00	0.226	0.044	0.010	0.010	0.041	0.005
			HH21-105193	ASSAY	TB21164605	66.00	67.00	1.00	0.307	0.078	0.022	0.023	0.045	0.005
			HH21-105194	ASSAY	TB21164605	67.00	68.00	1.00	0.242	0.058	0.004	0.007	0.033	0.003
			HH21-105195	ASSAY	TB21164605	68.00	69.00	1.00	0.217	0.058	0.006	0.012	0.028	0.003
HH21-105196	ASSAY	TB21164605	69.00	70.00	1.00	0.986	0.181	0.013	0.015	0.044	0.003			
HH21-105197	ASSAY	TB21164605	70.00	71.00	1.00	1.200	0.230	0.026	0.035	0.055	0.003			
HH21-105198	ASSAY	TB21164605	71.00	72.00	1.00	1.280	0.141	0.027	0.070	0.092	0.005			
HH21-105199	ASSAY	TB21164605	72.00	73.00	1.00	0.182	0.028	0.019	0.065	0.037	0.005			
HH21-105200	ASSAY	TB21164605	73.00	74.00	1.00	1.440	0.104	0.024	0.059	0.097	0.007			
HH21-105201	ASSAY	TB21164605	74.00	75.00	1.00	5.800	0.830	0.075	0.290	0.263	0.011			
HH21-105202	ASSAY	TB21164605	75.00	76.00	1.00	1.180	0.126	0.072	0.073	0.087	0.007			
HH21-105204	ASSAY	TB21164605	76.00	77.00	1.00	1.460	0.169	0.057	0.073	0.086	0.006			
HH21-105205	ASSAY	TB21164605	77.00	78.00	1.00	0.783	0.099	0.031	0.055	0.065	0.005			
HH21-105206	ASSAY	TB21164605	78.00	79.00	1.00	0.494	0.122	0.008	0.011	0.039	0.003			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105207	ASSAY	TB21164605	79.00	80.00	1.00	0.483	0.141	0.014	0.021	0.032	0.003
			HH21-105208	ASSAY	TB21164605	80.00	81.00	1.00	0.887	0.127	0.061	0.070	0.066	0.005
			HH21-105209	ASSAY	TB21164605	81.00	82.00	1.00	0.966	0.183	0.049	0.059	0.080	0.006
			HH21-105210	ASSAY	TB21164605	82.00	83.00	1.00	1.520	0.180	0.046	0.142	0.110	0.007
			HH21-105211	ASSAY	TB21164605	83.00	84.00	1.00	1.050	0.135	0.034	0.104	0.081	0.005
			HH21-105212	ASSAY	TB21164605	84.00	85.00	1.00	0.086	0.044	0.002	0.009	0.019	0.003
			HH21-105213	ASSAY	TB21164605	85.00	86.00	1.00	0.367	0.078	0.008	0.012	0.029	0.003
			HH21-105214	ASSAY	TB21164605	86.00	87.00	1.00	0.263	0.084	0.003	0.008	0.031	0.002
			HH21-105215	ASSAY	TB21164605	87.00	88.00	1.00	0.159	0.063	0.003	0.013	0.021	0.002
			HH21-105216	ASSAY	TB21164605	88.00	89.00	1.00	0.169	0.045	0.005	0.008	0.030	0.003
			HH21-105217	ASSAY	TB21164605	89.00	90.00	1.00	1.670	0.189	0.201	0.118	0.115	0.006
			HH21-105218	ASSAY	TB21164605	90.00	91.00	1.00	1.060	0.137	0.028	0.047	0.079	0.004
			HH21-105220	ASSAY	TB21164605	91.00	92.00	1.00	0.814	0.110	0.026	0.077	0.069	0.004
			HH21-105221	ASSAY	TB21164605	92.00	93.00	1.00	0.645	0.129	0.012	0.016	0.046	0.003
			HH21-105222	ASSAY	TB21164605	93.00	94.00	1.00	1.140	0.161	0.092	0.082	0.103	0.005
			HH21-105223	ASSAY	TB21164605	94.00	95.00	1.00	1.960	0.392	0.030	0.050	0.119	0.006
			HH21-105224	ASSAY	TB21164605	95.00	96.00	1.00	3.010	0.424	0.021	0.027	0.100	0.006
			HH21-105225	ASSAY	TB21164605	96.00	97.00	1.00	0.914	0.148	0.022	0.031	0.094	0.007
			HH21-105226	ASSAY	TB21164605	97.00	98.00	1.00	0.452	0.081	0.014	0.019	0.066	0.008
			HH21-105227	ASSAY	TB21164605	98.00	99.00	1.00	0.392	0.082	0.025	0.025	0.066	0.007
			HH21-105228	ASSAY	TB21164605	99.00	100.00	1.00	0.375	0.087	0.028	0.027	0.065	0.007
			HH21-105229	ASSAY	TB21164605	100.00	101.00	1.00	0.376	0.083	0.010	0.012	0.053	0.007
			HH21-105230	ASSAY	TB21164605	101.00	102.00	1.00	0.636	0.129	0.025	0.024	0.067	0.007
			HH21-105231	ASSAY	TB21164605	102.00	103.00	1.00	0.464	0.116	0.029	0.020	0.056	0.006
			HH21-105232	ASSAY	TB21164605	103.00	104.00	1.00	0.628	0.125	0.042	0.022	0.050	0.005
			HH21-105234	ASSAY	TB21164605	104.00	105.00	1.00	0.637	0.137	0.062	0.033	0.054	0.004
			HH21-105235	ASSAY	TB21164605	105.00	106.00	1.00	0.387	0.083	0.062	0.043	0.066	0.005
			HH21-105236	ASSAY	TB21164605	106.00	107.00	1.00	0.874	0.123	0.323	0.087	0.110	0.006
			HH21-105237	ASSAY	TB21164605	107.00	108.00	1.00	0.312	0.042	0.079	0.044	0.061	0.005
			HH21-105238	ASSAY	TB21164605	108.00	109.00	1.00	0.137	0.014	0.016	0.013	0.038	0.005
			HH21-105239	ASSAY	TB21164605	109.00	110.00	1.00	0.077	0.024	0.026	0.015	0.044	0.005
			HH21-105240	ASSAY	TB21164605	110.00	111.00	1.00	0.478	0.069	0.056	0.029	0.055	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105241	ASSAY	TB21164605	111.00	112.00	1.00	3.230	0.189	0.083	0.058	0.071	0.006
			HH21-105242	ASSAY	TB21164605	112.00	113.00	1.00	0.313	0.072	0.011	0.017	0.035	0.004
			HH21-105244	ASSAY	TB21164605	113.00	114.00	1.00	0.271	0.079	0.003	0.007	0.034	0.004
			HH21-105245	ASSAY	TB21164605	114.00	115.00	1.00	0.170	0.048	0.008	0.015	0.043	0.005
			HH21-105246	ASSAY	TB21164605	115.00	116.00	1.00	0.276	0.086	0.001	0.005	0.028	0.004
			HH21-105247	ASSAY	TB21164605	116.00	117.00	1.00	0.236	0.081	0.001	0.005	0.026	0.004
			HH21-105248	ASSAY	TB21164605	117.00	118.00	1.00	0.258	0.080	0.002	0.008	0.026	0.004
			HH21-105249	ASSAY	TB21164605	118.00	119.00	1.00	0.293	0.093	0.001	0.008	0.029	0.004
			HH21-105250	ASSAY	TB21164605	119.00	120.00	1.00	0.212	0.066	0.001	0.002	0.027	0.003
			HH21-105252	ASSAY	TB21164606	120.00	121.00	1.00	0.236	0.083	0.004	0.007	0.025	0.003
			HH21-105253	ASSAY	TB21164606	121.00	122.00	1.00	0.365	0.099	0.009	0.026	0.038	0.004
			HH21-105254	ASSAY	TB21164606	122.00	123.00	1.00	0.635	0.115	0.008	0.008	0.027	0.003
			HH21-105255	ASSAY	TB21164606	123.00	124.00	1.00	0.305	0.078	0.003	0.006	0.028	0.004
			HH21-105256	ASSAY	TB21164606	124.00	125.00	1.00	0.327	0.074	0.002	0.008	0.031	0.004
			HH21-105257	ASSAY	TB21164606	125.00	126.00	1.00	0.536	0.071	0.003	0.016	0.047	0.005
			HH21-105258	ASSAY	TB21164606	126.00	127.00	1.00	0.881	0.099	0.040	0.033	0.030	0.003
			HH21-105259	ASSAY	TB21164606	127.00	128.00	1.00	1.480	0.150	0.128	0.103	0.058	0.005
			HH21-105260	ASSAY	TB21164606	128.00	129.00	1.00	0.345	0.062	0.008	0.015	0.028	0.003
			HH21-105261	ASSAY	TB21164606	129.00	130.00	1.00	0.327	0.092	0.002	0.009	0.029	0.004
			HH21-105262	ASSAY	TB21164606	130.00	131.00	1.00	0.356	0.078	0.017	0.017	0.028	0.003
			HH21-105263	ASSAY	TB21164606	131.00	132.00	1.00	0.200	0.067	0.003	0.010	0.031	0.004
			HH21-105264	ASSAY	TB21164606	132.00	133.00	1.00	0.406	0.069	0.007	0.015	0.037	0.005
			HH21-105265	ASSAY	TB21164606	133.00	134.00	1.00	0.369	0.060	0.007	0.009	0.035	0.005
			HH21-105266	ASSAY	TB21164606	134.00	135.00	1.00	0.257	0.072	0.006	0.010	0.030	0.004
			HH21-105267	ASSAY	TB21164606	135.00	136.00	1.00	0.261	0.069	0.001	0.005	0.029	0.003
			HH21-105269	ASSAY	TB21164606	136.00	137.14	1.14	0.159	0.077	0.013	0.013	0.028	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
137.14	162.50	NOR	HH21-105270	ASSAY	TB21164606	137.14	138.00	0.86	0.237	0.067	0.013	0.020	0.052	0.007
NORITE - Medium-dark green. Equigranular medium-grained. Strong pervasive chl-act alteration overprints plag. Trace fg disseminated py+-cpy/po. Massive. Occasional felsic dikelet and ff calcite. Sharp lower contact where a coarse-grained, adcumulate phase of gab-vt occurs ~50dtca			HH21-105271	ASSAY	TB21164606	138.00	139.00	1.00	0.419	0.110	0.020	0.016	0.054	0.007
			HH21-105272	ASSAY	TB21164606	139.00	140.00	1.00	0.391	0.103	0.008	0.010	0.057	0.007
			HH21-105273	ASSAY	TB21164606	140.00	141.00	1.00	0.456	0.105	0.010	0.011	0.056	0.007
			HH21-105274	ASSAY	TB21164606	141.00	142.00	1.00	0.543	0.115	0.011	0.015	0.064	0.007
			HH21-105275	ASSAY	TB21164606	142.00	143.00	1.00	0.402	0.098	0.007	0.010	0.056	0.007
			HH21-105276	ASSAY	TB21164606	143.00	144.00	1.00	0.401	0.097	0.007	0.009	0.054	0.007
			HH21-105278	ASSAY	TB21164606	144.00	145.00	1.00	0.530	0.093	0.014	0.019	0.062	0.007
			HH21-105279	ASSAY	TB21164606	145.00	146.00	1.00	0.298	0.065	0.006	0.011	0.053	0.006
			HH21-105280	ASSAY	TB21164606	146.00	147.00	1.00	0.303	0.067	0.012	0.012	0.047	0.006
			HH21-105281	ASSAY	TB21164606	147.00	148.00	1.00	0.276	0.091	0.005	0.008	0.043	0.005
			HH21-105282	ASSAY	TB21164606	148.00	149.00	1.00	0.245	0.088	0.003	0.008	0.043	0.005
			HH21-105283	ASSAY	TB21164606	149.00	150.00	1.00	0.304	0.092	0.005	0.008	0.047	0.006
			HH21-105284	ASSAY	TB21164606	150.00	151.00	1.00	0.345	0.084	0.006	0.008	0.052	0.007
			HH21-105285	ASSAY	TB21164606	151.00	152.00	1.00	0.280	0.058	0.010	0.009	0.057	0.007
			HH21-105286	ASSAY	TB21164606	152.00	153.00	1.00	0.349	0.068	0.016	0.010	0.059	0.007
			HH21-105287	ASSAY	TB21164606	153.00	154.00	1.00	0.496	0.071	0.040	0.017	0.071	0.008
			HH21-105288	ASSAY	TB21164606	154.00	155.00	1.00	0.620	0.081	0.042	0.033	0.092	0.009
			HH21-105289	ASSAY	TB21164606	155.00	156.00	1.00	0.831	0.093	0.075	0.069	0.102	0.009
			HH21-105290	ASSAY	TB21164606	156.00	157.00	1.00	0.254	0.032	0.016	0.019	0.057	0.007
			HH21-105291	ASSAY	TB21164606	157.00	158.00	1.00	0.624	0.057	0.016	0.011	0.073	0.008
HH21-105293	ASSAY	TB21164606	158.00	159.00	1.00	0.657	0.078	0.019	0.009	0.067	0.007			
HH21-105294	ASSAY	TB21164606	159.00	160.00	1.00	0.634	0.097	0.024	0.016	0.053	0.006			
HH21-105295	ASSAY	TB21164606	160.00	161.00	1.00	0.289	0.057	0.013	0.013	0.049	0.005			
HH21-105296	ASSAY	TB21164606	161.00	162.00	1.00	0.853	0.132	0.020	0.019	0.066	0.007			
HH21-105297	ASSAY	TB21164606	162.00	162.50	0.50	0.948	0.152	0.016	0.027	0.070	0.006			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
162.50	180.00	GAB-Vt	HH21-105298	ASSAY	TB21164606	162.50	163.00	0.50	0.129	0.074	0.003	0.002	0.019	0.002
		GAB-Vt - Moderate green with white plag. Medium-grained to coarse-grained/pegmatitic with occasional leucocratic phases. Strong semi-pervasive to pervasive chl-act alt. Dominantly medium-grained with cg/peg phase ~upper contact to ~166.70m. Trace po-cpy and py mineralization. Dominantly massive. Occasional felsic dikes/dikelets increasing in frequency towards lower contact. One intermediate dike. Somewht arbitrary lower contact where plag decreases/is overprinted and pXRF data suggests >Mg	HH21-105299	ASSAY	TB21164606	163.00	164.00	1.00	0.251	0.100	0.026	0.031	0.035	0.003
			HH21-105300	ASSAY	TB21164606	164.00	165.00	1.00	0.860	0.135	0.064	0.106	0.070	0.004
			HH21-105301	ASSAY	TB21164606	165.00	166.00	1.00	1.630	0.233	0.057	0.109	0.116	0.006
			HH21-105302	ASSAY	TB21164606	166.00	167.00	1.00	0.308	0.081	0.013	0.021	0.045	0.005
			HH21-105303	ASSAY	TB21164606	167.00	168.00	1.00	0.649	0.109	0.013	0.008	0.072	0.009
			HH21-105304	ASSAY	TB21164606	168.00	169.00	1.00	0.758	0.143	0.020	0.013	0.074	0.009
			HH21-105305	ASSAY	TB21164606	169.00	170.00	1.00	0.803	0.138	0.017	0.011	0.070	0.009
			HH21-105306	ASSAY	TB21164606	170.00	171.00	1.00	1.080	0.195	0.026	0.013	0.073	0.008
			HH21-105307	ASSAY	TB21164606	171.00	172.00	1.00	1.230	0.218	0.200	0.108	0.101	0.007
			HH21-105308	ASSAY	TB21164606	172.00	173.00	1.00	0.287	0.038	0.053	0.034	0.056	0.005
			HH21-105309	ASSAY	TB21164606	173.00	174.00	1.00	0.131	0.030	0.066	0.016	0.042	0.005
			HH21-105310	ASSAY	TB21164606	174.00	175.00	1.00	0.102	0.024	0.022	0.014	0.041	0.004
			HH21-105311	ASSAY	TB21164606	175.00	176.00	1.00	0.241	0.041	0.048	0.031	0.052	0.005
			HH21-105313	ASSAY	TB21164606	176.00	177.00	1.00	0.631	0.113	0.012	0.009	0.058	0.007
			HH21-105314	ASSAY	TB21164606	177.00	178.00	1.00	0.791	0.091	0.068	0.081	0.087	0.006
			HH21-105315	ASSAY	TB21164606	178.00	179.00	1.00	0.175	0.039	0.032	0.031	0.045	0.005
		HH21-105316	ASSAY	TB21164606	179.00	180.00	1.00	1.610	0.202	0.130	0.124	0.138	0.007	
180.00	189.00	NOR	HH21-105317	ASSAY	TB21164606	180.00	181.00	1.00	0.614	0.104	0.027	0.042	0.090	0.008
		NORITE - Medium-dark green. Equigranular medium-grained. Strong pervasive chl-act alteration overprints plag. Trace fg disseminated py+-cpy/po. Massive. Occasional felsic dikelet and ff calcite. Arbitrary lower contact where plag starts to become more visible and pXRF data shows <Mg	HH21-105318	ASSAY	TB21164606	181.00	182.00	1.00	0.320	0.072	0.007	0.013	0.055	0.007
			HH21-105319	ASSAY	TB21164606	182.00	183.00	1.00	0.432	0.093	0.010	0.012	0.061	0.008
			HH21-105320	ASSAY	TB21164606	183.00	184.00	1.00	0.439	0.077	0.018	0.021	0.064	0.008
			HH21-105321	ASSAY	TB21164606	184.00	185.00	1.00	0.334	0.067	0.027	0.048	0.091	0.007
			HH21-105322	ASSAY	TB21164606	185.00	186.00	1.00	0.173	0.043	0.019	0.034	0.058	0.005
			HH21-105323	ASSAY	TB21164606	186.00	187.00	1.00	0.335	0.069	0.010	0.020	0.051	0.007
			HH21-105324	ASSAY	TB21164606	187.00	188.00	1.00	0.948	0.173	0.045	0.064	0.085	0.007
			HH21-105326	ASSAY	TB21164606	188.00	189.00	1.00	0.578	0.135	0.014	0.021	0.071	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
189.00	296.37	GAB-Vt	HH21-105327	ASSAY	TB21164606	189.00	190.00	1.00	0.147	0.020	0.012	0.018	0.040	0.005
		GAB-Vt - Moderate green with white plag. Fine-grained to medium-grained to coarse-grained/pegmatitic with occasional luecocratic phases. Strong semi-pervasive to pervasive chl-act alt. Dominantly medium-grained with cg/peg phases intermittently ~271m+ depth. Fine-grained phases occur intermittently ~208m+ depth. Trace up to 2% local intervals of py-po-cpy+/-pn mineralization. Mostly blebby mineralization with lesser fine-grained/disseminated and instances of ff mineralization. Dominantly massive. Occasional felsic dikes/dikelets increasing in frequency towards lower contact. One intermediate dike.	HH21-105328	ASSAY	TB21164606	190.00	191.00	1.00	0.170	0.022	0.014	0.031	0.051	0.005
			HH21-105330	ASSAY	TB21168566	191.00	192.00	1.00	0.024	0.005	0.013	0.024	0.037	0.004
			HH21-105331	ASSAY	TB21168566	192.00	193.00	1.00	0.050	0.010	0.006	0.016	0.045	0.005
			HH21-105332	ASSAY	TB21168566	193.00	194.00	1.00	0.263	0.028	0.026	0.056	0.049	0.005
			HH21-105333	ASSAY	TB21168566	194.00	195.00	1.00	0.084	0.011	0.007	0.017	0.038	0.005
			HH21-105334	ASSAY	TB21168566	195.00	196.00	1.00	0.068	0.011	0.009	0.024	0.037	0.005
			HH21-105335	ASSAY	TB21168566	196.00	197.00	1.00	0.261	0.024	0.019	0.047	0.041	0.005
			HH21-105336	ASSAY	TB21168566	197.00	198.00	1.00	0.039	0.009	0.013	0.033	0.026	0.005
			HH21-105337	ASSAY	TB21168566	198.00	199.00	1.00	0.066	0.025	0.008	0.017	0.028	0.005
			HH21-105338	ASSAY	TB21168566	199.00	200.00	1.00	0.393	0.074	0.047	0.117	0.087	0.006
			HH21-105339	ASSAY	TB21168566	200.00	201.00	1.00	0.320	0.057	0.060	0.087	0.070	0.005
			HH21-105340	ASSAY	TB21168566	201.00	202.00	1.00	0.548	0.110	0.106	0.198	0.096	0.006
			HH21-105341	ASSAY	TB21168566	202.00	203.00	1.00	0.229	0.049	0.035	0.077	0.062	0.005
			HH21-105342	ASSAY	TB21168566	203.00	204.00	1.00	0.365	0.071	0.060	0.086	0.081	0.006
			HH21-105343	ASSAY	TB21168566	204.00	205.00	1.00	0.159	0.037	0.011	0.018	0.028	0.005
			HH21-105344	ASSAY	TB21168566	205.00	206.00	1.00	0.164	0.041	0.019	0.020	0.036	0.006
			HH21-105345	ASSAY	TB21168566	206.00	207.00	1.00	0.028	0.008	0.011	0.024	0.030	0.005
			HH21-105346	ASSAY	TB21168566	207.00	208.00	1.00	0.072	0.015	0.020	0.026	0.039	0.005
			HH21-105347	ASSAY	TB21168566	208.00	209.00	1.00	0.086	0.015	0.022	0.032	0.039	0.006
			HH21-105348	ASSAY	TB21168566	209.00	210.00	1.00	0.232	0.035	0.017	0.034	0.050	0.006
		HH21-105349	ASSAY	TB21168566	210.00	211.00	1.00	0.238	0.037	0.022	0.055	0.059	0.007	
		HH21-105350	ASSAY	TB21168566	211.00	212.00	1.00	0.526	0.097	0.016	0.027	0.056	0.007	
		HH21-105352	ASSAY	TB21168566	212.00	213.00	1.00	1.540	0.204	0.057	0.053	0.097	0.008	
		HH21-105353	ASSAY	TB21168566	213.00	214.00	1.00	0.808	0.149	0.058	0.066	0.092	0.008	
		HH21-105354	ASSAY	TB21168566	214.00	215.00	1.00	0.577	0.147	0.086	0.047	0.064	0.007	
		HH21-105355	ASSAY	TB21168566	215.00	216.00	1.00	0.170	0.050	0.037	0.031	0.052	0.008	
		HH21-105356	ASSAY	TB21168566	216.00	217.00	1.00	0.196	0.042	0.019	0.025	0.038	0.006	
		HH21-105357	ASSAY	TB21168566	217.00	218.00	1.00	0.156	0.032	0.015	0.024	0.039	0.006	
		HH21-105358	ASSAY	TB21168566	218.00	219.00	1.00	0.063	0.017	0.011	0.031	0.038	0.006	
		HH21-105360	ASSAY	TB21168566	219.00	220.00	1.00	0.026	0.007	0.010	0.025	0.033	0.005	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105361	ASSAY	TB21168566	220.00	221.00	1.00	0.007	0.005	0.007	0.022	0.033	0.006
			HH21-105362	ASSAY	TB21168566	221.00	222.00	1.00	0.005	0.005	0.008	0.017	0.029	0.005
			HH21-105363	ASSAY	TB21168566	222.00	223.00	1.00	0.008	0.005	0.008	0.015	0.026	0.005
			HH21-105364	ASSAY	TB21168566	223.00	224.00	1.00	0.035	0.008	0.007	0.015	0.030	0.005
			HH21-105365	ASSAY	TB21168566	224.00	225.00	1.00	0.048	0.014	0.012	0.022	0.035	0.006
			HH21-105366	ASSAY	TB21168566	225.00	226.00	1.00	0.030	0.007	0.006	0.017	0.032	0.006
			HH21-105367	ASSAY	TB21168566	226.00	227.00	1.00	0.037	0.008	0.007	0.015	0.033	0.006
			HH21-105368	ASSAY	TB21168566	227.00	228.00	1.00	0.034	0.010	0.005	0.017	0.034	0.006
			HH21-105369	ASSAY	TB21168566	228.00	229.00	1.00	0.047	0.010	0.012	0.021	0.033	0.006
			HH21-105370	ASSAY	TB21168566	229.00	230.00	1.00	0.048	0.011	0.006	0.017	0.034	0.006
			HH21-105372	ASSAY	TB21168566	230.00	231.00	1.00	0.027	0.009	0.011	0.018	0.033	0.006
			HH21-105373	ASSAY	TB21168566	231.00	232.00	1.00	0.029	0.013	0.011	0.018	0.033	0.006
			HH21-105374	ASSAY	TB21168566	232.00	233.00	1.00	0.040	0.014	0.013	0.025	0.036	0.006
			HH21-105375	ASSAY	TB21168566	233.00	234.00	1.00	0.070	0.018	0.023	0.033	0.040	0.006
			HH21-105376	ASSAY	TB21168566	234.00	235.00	1.00	0.036	0.012	0.009	0.020	0.040	0.006
			HH21-105377	ASSAY	TB21168566	235.00	236.00	1.00	0.032	0.010	0.011	0.023	0.037	0.007
			HH21-105378	ASSAY	TB21168566	236.00	237.00	1.00	0.058	0.015	0.018	0.027	0.035	0.006
			HH21-105379	ASSAY	TB21168566	237.00	238.00	1.00	0.109	0.024	0.041	0.043	0.050	0.007
			HH21-105380	ASSAY	TB21168566	238.00	239.00	1.00	0.096	0.023	0.037	0.046	0.053	0.007
			HH21-105382	ASSAY	TB21168566	239.00	240.00	1.00	0.036	0.013	0.010	0.020	0.034	0.006
			HH21-105383	ASSAY	TB21168566	240.00	241.00	1.00	0.065	0.022	0.023	0.027	0.040	0.006
			HH21-105384	ASSAY	TB21168566	241.00	242.00	1.00	0.107	0.024	0.029	0.047	0.059	0.007
			HH21-105385	ASSAY	TB21168566	242.00	243.00	1.00	0.012	0.003	0.018	0.023	0.037	0.005
			HH21-105386	ASSAY	TB21168566	243.00	244.00	1.00	0.369	0.043	0.052	0.046	0.055	0.006
			HH21-105387	ASSAY	TB21168566	244.00	245.00	1.00	0.045	0.011	0.018	0.023	0.038	0.006
			HH21-105388	ASSAY	TB21168566	245.00	246.00	1.00	0.700	0.076	0.030	0.031	0.052	0.006
			HH21-105389	ASSAY	TB21168566	246.00	247.00	1.00	0.143	0.014	0.024	0.031	0.047	0.007
			HH21-105390	ASSAY	TB21168566	247.00	248.00	1.00	0.038	0.011	0.016	0.032	0.039	0.006
			HH21-105391	ASSAY	TB21168566	248.00	249.00	1.00	0.040	0.012	0.005	0.016	0.043	0.006
			HH21-105392	ASSAY	TB21168566	249.00	250.00	1.00	0.311	0.035	0.040	0.062	0.070	0.007
			HH21-105393	ASSAY	TB21168566	250.00	251.00	1.00	0.021	0.007	0.014	0.034	0.033	0.006
			HH21-105394	ASSAY	TB21168566	251.00	252.00	1.00	0.099	0.020	0.019	0.035	0.045	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105395	ASSAY	TB21168566	252.00	253.00	1.00	0.073	0.019	0.047	0.059	0.065	0.008
			HH21-105396	ASSAY	TB21168566	253.00	254.00	1.00	0.128	0.027	0.033	0.036	0.050	0.007
			HH21-105397	ASSAY	TB21168566	254.00	255.00	1.00	0.122	0.046	0.007	0.013	0.036	0.005
			HH21-105398	ASSAY	TB21168566	255.00	256.00	1.00	0.027	0.010	0.012	0.040	0.050	0.007
			HH21-105399	ASSAY	TB21168566	256.00	257.00	1.00	0.046	0.013	0.012	0.031	0.044	0.007
			HH21-105400	ASSAY	TB21168566	257.00	258.00	1.00	0.345	0.021	0.030	0.052	0.062	0.007
			HH21-105401	ASSAY	TB21168566	258.00	259.00	1.00	0.025	0.007	0.009	0.023	0.042	0.006
			HH21-105402	ASSAY	TB21168566	259.00	260.00	1.00	0.018	0.006	0.010	0.034	0.052	0.007
			HH21-105404	ASSAY	TB21168566	260.00	261.00	1.00	0.043	0.006	0.008	0.018	0.037	0.006
			HH21-105405	ASSAY	TB21168566	261.00	262.00	1.00	0.143	0.036	0.040	0.044	0.056	0.007
			HH21-105406	ASSAY	TB21168566	262.00	263.00	1.00	0.075	0.018	0.030	0.036	0.049	0.007
			HH21-105408	ASSAY	TB21168567	263.00	264.00	1.00	0.044	0.012	0.013	0.035	0.047	0.006
			HH21-105409	ASSAY	TB21168567	264.00	265.00	1.00	0.092	0.022	0.055	0.052	0.064	0.008
			HH21-105410	ASSAY	TB21168567	265.00	266.00	1.00	0.064	0.012	0.010	0.018	0.038	0.006
			HH21-105411	ASSAY	TB21168567	266.00	267.00	1.00	0.098	0.016	0.018	0.020	0.043	0.007
			HH21-105412	ASSAY	TB21168567	267.00	268.00	1.00	0.104	0.019	0.015	0.019	0.034	0.006
			HH21-105413	ASSAY	TB21168567	268.00	269.00	1.00	0.063	0.019	0.012	0.011	0.033	0.006
			HH21-105414	ASSAY	TB21168567	269.00	270.00	1.00	0.054	0.017	0.011	0.012	0.033	0.006
			HH21-105415	ASSAY	TB21168567	270.00	271.00	1.00	0.016	0.003	0.008	0.019	0.039	0.007
			HH21-105416	ASSAY	TB21168567	271.00	272.00	1.00	0.202	0.069	0.017	0.014	0.043	0.005
			HH21-105417	ASSAY	TB21168567	272.00	273.00	1.00	0.123	0.033	0.025	0.035	0.050	0.006
			HH21-105418	ASSAY	TB21168567	273.00	274.00	1.00	0.123	0.018	0.040	0.056	0.054	0.006
			HH21-105419	ASSAY	TB21168567	274.00	275.00	1.00	0.170	0.032	0.079	0.095	0.077	0.007
			HH21-105420	ASSAY	TB21168567	275.00	276.00	1.00	0.270	0.075	0.078	0.079	0.074	0.007
			HH21-105421	ASSAY	TB21168567	276.00	277.00	1.00	0.198	0.059	0.063	0.075	0.074	0.006
			HH21-105422	ASSAY	TB21168567	277.00	278.00	1.00	0.324	0.057	0.059	0.060	0.091	0.007
			HH21-105423	ASSAY	TB21168567	278.00	279.00	1.00	0.127	0.016	0.031	0.044	0.049	0.005
			HH21-105424	ASSAY	TB21168567	279.00	280.00	1.00	0.023	0.009	0.022	0.034	0.036	0.005
			HH21-105426	ASSAY	TB21168567	280.00	281.00	1.00	0.075	0.021	0.028	0.033	0.041	0.005
			HH21-105427	ASSAY	TB21168567	281.00	282.00	1.00	0.077	0.020	0.036	0.037	0.056	0.006
			HH21-105428	ASSAY	TB21168567	282.00	283.00	1.00	0.099	0.021	0.040	0.051	0.038	0.005
			HH21-105429	ASSAY	TB21168567	283.00	284.00	1.00	0.125	0.025	0.033	0.040	0.048	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105430	ASSAY	TB21168567	284.00	285.00	1.00	0.251	0.061	0.089	0.083	0.059	0.005
			HH21-105431	ASSAY	TB21168567	285.00	286.00	1.00	0.673	0.098	0.126	0.113	0.106	0.007
			HH21-105432	ASSAY	TB21168567	286.00	287.00	1.00	0.010	0.003	0.009	0.017	0.035	0.005
			HH21-105434	ASSAY	TB21168567	287.00	288.00	1.00	0.360	0.087	0.050	0.052	0.077	0.006
			HH21-105435	ASSAY	TB21168567	288.00	289.00	1.00	0.132	0.052	0.022	0.038	0.035	0.004
			HH21-105436	ASSAY	TB21168567	289.00	290.00	1.00	0.297	0.080	0.086	0.058	0.054	0.004
			HH21-105437	ASSAY	TB21168567	290.00	291.00	1.00	0.019	0.003	0.019	0.030	0.037	0.006
			HH21-105438	ASSAY	TB21168567	291.00	292.00	1.00	0.419	0.072	0.134	0.081	0.074	0.006
			HH21-105439	ASSAY	TB21168567	292.00	293.00	1.00	0.020	0.005	0.010	0.023	0.041	0.007
			HH21-105440	ASSAY	TB21168567	293.00	294.00	1.00	0.221	0.076	0.107	0.051	0.059	0.006
			HH21-105441	ASSAY	TB21168567	294.00	295.00	1.00	0.105	0.022	0.031	0.035	0.044	0.005
			HH21-105442	ASSAY	TB21168567	295.00	296.37	1.37	1.070	0.175	0.115	0.101	0.155	0.007
296.37	299.76	LGAB	HH21-105443	ASSAY	TB21168567	296.37	297.00	0.63	0.408	0.036	0.003	0.004	0.026	0.002
		LGAB -	HH21-105444	ASSAY	TB21168567	297.00	298.00	1.00	0.052	0.007	0.002	0.005	0.017	0.002
		Light to dark green and white. Cg/pegmatitic.	HH21-105445	ASSAY	TB21168567	298.00	299.00	1.00	0.056	0.014	0.017	0.017	0.021	0.002
		Moderate-strong interstitial chl-act alt. Possibly	HH21-105446	ASSAY	TB21168567	299.00	299.76	0.76	0.375	0.109	0.009	0.013	0.036	0.002
		loggable within the GAB-Vt lithologies encompassing												
		it. Nil to trace py mineralization. Massive. Occasional												
		felsic dikelets.												
		Sharp lower contact back into GAB-Vt												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
299.76	337.22	GAB-Vt	HH21-105447	ASSAY	TB21168567	299.76	301.00	1.24	0.005	0.003	0.003	0.012	0.032	0.006
		GAB-Vt - Medium-green with white plag. Mostly medium-grained with lesser fine-grained phases. Moderate-strong semi-pervasive chl-act alt. Trace up to local 1% diss/ff py mineralization. Nil to possible trace vfg diss po-cpy mineralization. Weak strain/felsic intrusives along core axis ~203-207m depth. Mineralization along strain. Otherwise massive. Occasional felsic dikes/dikelets. Sharp lower contact into felsic dike	HH21-105448	ASSAY	TB21168567	301.00	302.00	1.00	0.016	0.003	0.008	0.016	0.030	0.005
			HH21-105449	ASSAY	TB21168567	302.00	303.00	1.00	0.068	0.012	0.007	0.016	0.031	0.005
			HH21-105450	ASSAY	TB21168567	303.00	304.00	1.00	0.357	0.030	0.005	0.024	0.049	0.004
			HH21-105451	ASSAY	TB21168567	304.00	305.00	1.00	1.100	0.116	0.016	0.037	0.129	0.008
			HH21-105452	ASSAY	TB21168567	305.00	306.00	1.00	3.400	0.264	0.056	0.176	0.247	0.011
			HH21-105453	ASSAY	TB21168567	306.00	307.00	1.00	2.080	0.132	0.037	0.066	0.165	0.010
			HH21-105454	ASSAY	TB21168567	307.00	308.00	1.00	0.236	0.031	0.024	0.047	0.038	0.005
			HH21-105455	ASSAY	TB21168567	308.00	309.00	1.00	0.605	0.058	0.031	0.042	0.035	0.005
			HH21-105456	ASSAY	TB21168567	309.00	310.00	1.00	0.186	0.023	0.032	0.029	0.023	0.004
			HH21-105458	ASSAY	TB21168567	310.00	311.00	1.00	0.411	0.036	0.047	0.027	0.033	0.004
			HH21-105459	ASSAY	TB21168567	311.00	312.00	1.00	0.136	0.003	0.012	0.020	0.035	0.005
			HH21-105460	ASSAY	TB21168567	312.00	313.00	1.00	0.065	0.006	0.005	0.022	0.023	0.004
			HH21-105461	ASSAY	TB21168567	313.00	314.00	1.00	0.187	0.003	0.007	0.024	0.025	0.005
			HH21-105462	ASSAY	TB21168567	314.00	315.00	1.00	0.069	0.016	0.005	0.023	0.028	0.005
			HH21-105463	ASSAY	TB21168567	315.00	316.00	1.00	0.080	0.014	0.009	0.025	0.031	0.006
			HH21-105464	ASSAY	TB21168567	316.00	317.00	1.00	0.062	0.003	0.006	0.019	0.027	0.004
			HH21-105465	ASSAY	TB21168567	317.00	318.00	1.00	0.099	0.003	0.006	0.034	0.034	0.005
			HH21-105466	ASSAY	TB21168567	318.00	319.00	1.00	0.315	0.003	0.006	0.031	0.049	0.005
			HH21-105467	ASSAY	TB21168567	319.00	320.00	1.00	0.060	0.009	0.008	0.028	0.037	0.006
			HH21-105468	ASSAY	TB21168567	320.00	321.00	1.00	0.586	0.052	0.011	0.032	0.059	0.008
			HH21-105470	ASSAY	TB21168567	321.00	322.00	1.00	0.098	0.027	0.005	0.021	0.031	0.005
			HH21-105471	ASSAY	TB21168567	322.00	323.00	1.00	0.026	0.009	0.009	0.034	0.035	0.006
			HH21-105472	ASSAY	TB21168567	323.00	324.00	1.00	0.085	0.027	0.005	0.020	0.023	0.005
			HH21-105473	ASSAY	TB21168567	324.00	325.00	1.00	0.414	0.130	0.010	0.016	0.028	0.006
			HH21-105474	ASSAY	TB21168567	325.00	326.00	1.00	0.271	0.111	0.013	0.017	0.030	0.006
			HH21-105475	ASSAY	TB21168567	326.00	327.00	1.00	0.129	0.041	0.007	0.013	0.030	0.005
			HH21-105476	ASSAY	TB21168567	327.00	328.00	1.00	0.007	0.010	0.008	0.009	0.020	0.003
			HH21-105477	ASSAY	TB21168567	328.00	329.00	1.00	0.134	0.024	0.009	0.014	0.043	0.006
			HH21-105479	ASSAY	TB21168567	329.00	330.00	1.00	0.096	0.014	0.011	0.036	0.061	0.006
			HH21-105480	ASSAY	TB21168567	330.00	331.00	1.00	0.024	0.007	0.013	0.037	0.038	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105481	ASSAY	TB21168567	331.00	332.00	1.00	0.032	0.013	0.017	0.051	0.054	0.005
			HH21-105482	ASSAY	TB21168567	332.00	333.00	1.00	0.032	0.009	0.004	0.018	0.030	0.005
			HH21-105483	ASSAY	TB21168567	333.00	334.00	1.00	0.140	0.021	0.011	0.019	0.039	0.004
			HH21-105484	ASSAY	TB21168567	334.00	335.00	1.00	0.309	0.036	0.031	0.038	0.039	0.005
			HH21-105486	ASSAY	TB21185706	335.00	336.00	1.00	0.243	0.051	0.055	0.053	0.052	0.005
			HH21-105487	ASSAY	TB21185706	336.00	337.22	1.22	0.263	0.031	0.030	0.024	0.036	0.004
337.22	338.54	DIKE-Felsic	HH21-105488	ASSAY	TB21185706	337.22	338.54	1.32	0.002	0.003	0.001	0.002	0.001	0.000
<p>FELSIC DIKE - White and pink with lesser grey/black. ~80-90% dominantly fine-grained euhedral plag. Lesser biotite and quartz. Massive. Nil mineralization. Sharp lower contact</p>														
338.54	356.16	GAB-Vt	HH21-105489	ASSAY	TB21185706	338.54	340.00	1.46	0.134	0.045	0.016	0.016	0.034	0.004
<p>GAB-Vt - Medium-green with white plag. Mostly medium-grained with lesser fine-grained phases. Moderate-strong semi-pervasive chl-act alt. Trace diss/blebby po-cpy and py mineralization. Weak bx ~342-345m depth. Otherwise massive. Trace felsic dikes/dikelets and trace ff cal in bx. Gradational lower contact</p>														
			HH21-105490	ASSAY	TB21185706	340.00	341.00	1.00	0.463	0.114	0.044	0.044	0.050	0.005
			HH21-105491	ASSAY	TB21185706	341.00	342.00	1.00	0.521	0.106	0.040	0.031	0.047	0.005
			HH21-105492	ASSAY	TB21185706	342.00	343.00	1.00	0.141	0.034	0.015	0.015	0.040	0.005
			HH21-105494	ASSAY	TB21185706	343.00	344.00	1.00	0.045	0.010	0.011	0.010	0.040	0.006
			HH21-105495	ASSAY	TB21185706	344.00	345.00	1.00	0.086	0.020	0.015	0.012	0.053	0.008
			HH21-105496	ASSAY	TB21185706	345.00	346.00	1.00	0.080	0.020	0.020	0.014	0.045	0.008
			HH21-105497	ASSAY	TB21185706	346.00	347.00	1.00	0.217	0.067	0.026	0.028	0.054	0.006
			HH21-105498	ASSAY	TB21185706	347.00	348.00	1.00	0.444	0.058	0.064	0.053	0.065	0.006
			HH21-105499	ASSAY	TB21185706	348.00	349.00	1.00	0.313	0.089	0.040	0.041	0.052	0.006
			HH21-105500	ASSAY	TB21185706	349.00	350.00	1.00	0.101	0.038	0.019	0.020	0.036	0.004
			HH21-105501	ASSAY	TB21185706	350.00	351.00	1.00	0.069	0.025	0.021	0.029	0.039	0.005
			HH21-105502	ASSAY	TB21185706	351.00	352.00	1.00	0.234	0.090	0.049	0.080	0.080	0.007
			HH21-105503	ASSAY	TB21185706	352.00	353.00	1.00	0.258	0.084	0.036	0.074	0.071	0.007
			HH21-105504	ASSAY	TB21185706	353.00	354.00	1.00	0.128	0.052	0.045	0.046	0.065	0.006
			HH21-105505	ASSAY	TB21185706	354.00	355.00	1.00	0.141	0.045	0.038	0.048	0.064	0.006
			HH21-105506	ASSAY	TB21185706	355.00	356.15	1.15	0.124	0.037	0.035	0.031	0.053	0.006
			HH21-105507	ASSAY	TB21185706	356.15	357.00	0.85	0.094	0.020	0.015	0.011	0.045	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
356.16	376.44	NOR	HH21-105508	ASSAY	TB21185706	357.00	358.00	1.00	0.074	0.014	0.012	0.011	0.041	0.007
NORITE - Purple/grey and green. Fine-medium-grained, equigranular. Weak chl-act alt with lesser intervals moderately altered. Local varitexture patches ~368.80-370.10m Trace vfg po-cpy mineralization +/-py. Massive. Occasional felsic dike/dikelet. Sharp lower contact into felsic dike.			HH21-105509	ASSAY	TB21185706	358.00	359.00	1.00	0.073	0.016	0.015	0.011	0.041	0.007
			HH21-105511	ASSAY	TB21185706	359.00	360.00	1.00	0.079	0.014	0.013	0.013	0.042	0.007
			HH21-105512	ASSAY	TB21185706	360.00	361.00	1.00	0.070	0.014	0.013	0.012	0.041	0.006
			HH21-105513	ASSAY	TB21185706	361.00	362.00	1.00	0.060	0.010	0.013	0.013	0.039	0.006
			HH21-105514	ASSAY	TB21185706	362.00	363.00	1.00	0.065	0.010	0.013	0.012	0.038	0.006
			HH21-105515	ASSAY	TB21185706	363.00	364.00	1.00	0.112	0.021	0.020	0.016	0.049	0.007
			HH21-105516	ASSAY	TB21185706	364.00	365.00	1.00	0.114	0.017	0.016	0.017	0.049	0.007
			HH21-105517	ASSAY	TB21185706	365.00	366.00	1.00	0.132	0.021	0.018	0.015	0.051	0.007
			HH21-105518	ASSAY	TB21185706	366.00	367.00	1.00	0.131	0.018	0.016	0.014	0.047	0.007
			HH21-105519	ASSAY	TB21185706	367.00	368.00	1.00	0.167	0.029	0.010	0.010	0.049	0.007
			HH21-105520	ASSAY	TB21185706	368.00	369.00	1.00	0.145	0.029	0.010	0.009	0.051	0.007
			HH21-105521	ASSAY	TB21185706	369.00	370.00	1.00	0.442	0.045	0.112	0.049	0.050	0.006
			HH21-105522	ASSAY	TB21185706	370.00	371.00	1.00	0.196	0.021	0.009	0.008	0.054	0.007
			HH21-105523	ASSAY	TB21185706	371.00	372.00	1.00	0.126	0.021	0.008	0.008	0.050	0.007
			HH21-105524	ASSAY	TB21185706	372.00	373.00	1.00	0.076	0.015	0.007	0.008	0.040	0.006
			HH21-105525	ASSAY	TB21185706	373.00	374.00	1.00	0.144	0.017	0.011	0.009	0.047	0.007
			HH21-105526	ASSAY	TB21185706	374.00	375.00	1.00	0.135	0.008	0.009	0.008	0.045	0.007
HH21-105527	ASSAY	TB21185706	375.00	376.44	1.44	0.181	0.013	0.008	0.008	0.056	0.008			
376.44	377.20	DIKE-Felsic	HH21-105528	ASSAY	TB21185706	376.44	377.20	0.76	0.006	0.003	0.003	0.006	0.003	0.001
FELSIC DIKE - White, black and grey. Plag>>>bio-qtz. Nil mineralization. Sharp lower contact														
377.20	382.67	NOR	HH21-105529	ASSAY	TB21185706	377.20	378.00	0.80	0.089	0.011	0.004	0.007	0.039	0.006
Same as NOR above felsic dike except this NOR is entirely moderately altered with no fresh nor.			HH21-105530	ASSAY	TB21185706	378.00	379.00	1.00	0.061	0.024	0.012	0.013	0.039	0.005
			HH21-105532	ASSAY	TB21185706	379.00	380.00	1.00	0.023	0.011	0.006	0.011	0.031	0.005
			HH21-105533	ASSAY	TB21185706	380.00	381.00	1.00	0.064	0.017	0.006	0.009	0.034	0.006
			HH21-105534	ASSAY	TB21185706	381.00	382.00	1.00	0.069	0.017	0.008	0.010	0.035	0.006
			HH21-105535	ASSAY	TB21185706	382.00	382.67	0.67	0.061	0.009	0.007	0.010	0.037	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
382.67	399.00	GAB	HH21-105536	ASSAY	TB21185706	382.67	384.00	1.33	0.041	0.008	0.005	0.008	0.031	0.005
		GABMG - Green with trace purple. Appears as a mix of norite/gabbro, but pXRF data with Mg <6% and Ca >7% suggests a gabbroic interval. Medium-grained and equigranular with trace variations in texture. Moderate-strong pervasive chl-act alt. ~50/50 plag/pyx. Nil mineralization. Massive. Occasional felsic dike/dikelets and qtz veinlets. Gradational transition to Norite.	HH21-105537	ASSAY	TB21185706	384.00	385.00	1.00	0.032	0.011	0.006	0.008	0.030	0.005
			HH21-105538	ASSAY	TB21185706	385.00	386.00	1.00	0.045	0.012	0.006	0.009	0.030	0.005
			HH21-105539	ASSAY	TB21185706	386.00	387.00	1.00	0.053	0.011	0.007	0.010	0.031	0.005
			HH21-105540	ASSAY	TB21185706	387.00	388.00	1.00	0.032	0.010	0.006	0.009	0.030	0.005
			HH21-105541	ASSAY	TB21185706	388.00	389.00	1.00	0.036	0.013	0.006	0.008	0.029	0.005
			HH21-105542	ASSAY	TB21185706	389.00	390.00	1.00	0.051	0.012	0.009	0.010	0.029	0.005
			HH21-105543	ASSAY	TB21185706	390.00	391.00	1.00	0.057	0.014	0.007	0.009	0.029	0.005
			HH21-105544	ASSAY	TB21185706	391.00	392.00	1.00	0.052	0.015	0.008	0.009	0.030	0.005
			HH21-105546	ASSAY	TB21185706	392.00	393.00	1.00	0.064	0.010	0.008	0.009	0.031	0.005
			HH21-105547	ASSAY	TB21185706	393.00	394.00	1.00	0.133	0.031	0.020	0.016	0.032	0.005
			HH21-105548	ASSAY	TB21185706	394.00	395.00	1.00	0.400	0.046	0.027	0.029	0.040	0.005
			HH21-105549	ASSAY	TB21185706	395.00	396.00	1.00	0.041	0.019	0.008	0.011	0.030	0.005
			HH21-105550	ASSAY	TB21185706	396.00	397.00	1.00	0.168	0.025	0.016	0.022	0.033	0.005
			HH21-105552	ASSAY	TB21185706	397.00	398.00	1.00	0.052	0.015	0.014	0.012	0.031	0.005
		HH21-105553	ASSAY	TB21185706	398.00	399.00	1.00	0.086	0.022	0.024	0.013	0.032	0.005	
399.00	403.90	NOR	HH21-105554	ASSAY	TB21185706	399.00	400.00	1.00	0.060	0.022	0.013	0.011	0.033	0.005
		NORITE. Grey green. Fg-mg. Moderate chlorite alteration. Gradational upper contact and sharp lower contact with the dike.	HH21-105555	ASSAY	TB21185706	400.00	401.00	1.00	0.147	0.028	0.014	0.011	0.033	0.005
			HH21-105556	ASSAY	TB21185706	401.00	402.00	1.00	0.070	0.018	0.014	0.011	0.032	0.005
			HH21-105557	ASSAY	TB21185706	402.00	403.00	1.00	0.052	0.019	0.012	0.010	0.032	0.005
			HH21-105558	ASSAY	TB21185706	403.00	403.90	0.90	0.248	0.032	0.013	0.013	0.031	0.005
			HH21-105559	ASSAY	TB21185706	403.90	405.00	1.10	0.042	0.003	0.013	0.018	0.012	0.005
403.90	407.15	DIKE-Mafic	HH21-105560	ASSAY	TB21185706	405.00	406.00	1.00	0.036	0.008	0.010	0.011	0.020	0.005
		MAFIC DIKE. Dark grey, fine-grained to aphanitic. Strong but irregular upper and lower contacts. One white quartz vein with minor chalcopyrite fracture infill. Strongly magnetic at 405.2m, likely cause by a magnetite grain. Solid dike until 405.48 m, then the dike is intermingled with the lower unit with blocks of the unit caught up within.	HH21-105561	ASSAY	TB21185706	406.00	407.15	1.15	0.019	0.007	0.007	0.007	0.020	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
407.15	435.30	NOR	HH21-105562	ASSAY	TB21185706	407.15	408.00	0.85	0.161	0.025	0.003	0.001	0.030	0.004
NORITE. Green-grey. Typically medium grained with more fine-grained sections than cg. Sharp upper contact with the mafic dike. Mod-strong chlorite alteration, weak-mod actinolite. 3 cg felsic intrusions ranging in size of 10, 20 and 40cm. Trace sulfides occurring as py + cpy + cpy/py blebs.			HH21-105564	ASSAY	TB21227141	408.00	409.00	1.00	3.010	0.246	0.183	0.114	0.149	0.007
			HH21-105565	ASSAY	TB21227141	409.00	410.00	1.00	3.360	0.209	0.069	0.071	0.133	0.008
			HH21-105566	ASSAY	TB21227141	410.00	411.00	1.00	4.600	0.405	0.043	0.049	0.214	0.010
			HH21-105567	ASSAY	TB21227141	411.00	412.00	1.00	0.101	0.024	0.017	0.007	0.033	0.004
			HH21-105568	ASSAY	TB21227141	412.00	413.00	1.00	0.078	0.030	0.011	0.009	0.037	0.005
			HH21-105569	ASSAY	TB21227141	413.00	414.00	1.00	0.100	0.039	0.010	0.008	0.037	0.006
			HH21-105570	ASSAY	TB21227141	414.00	415.00	1.00	0.228	0.046	0.016	0.008	0.040	0.005
			HH21-105571	ASSAY	TB21227141	415.00	416.00	1.00	0.106	0.038	0.008	0.008	0.037	0.005
			HH21-105572	ASSAY	TB21227141	416.00	417.00	1.00	0.122	0.034	0.011	0.010	0.037	0.006
			HH21-105574	ASSAY	TB21227141	417.00	418.00	1.00	0.069	0.025	0.011	0.010	0.037	0.006
			HH21-105575	ASSAY	TB21227141	418.00	419.00	1.00	0.044	0.013	0.012	0.009	0.031	0.005
			HH21-105576	ASSAY	TB21227141	419.00	420.00	1.00	0.036	0.012	0.010	0.010	0.035	0.005
			HH21-105577	ASSAY	TB21227141	420.00	421.00	1.00	0.232	0.029	0.021	0.017	0.044	0.006
			HH21-105578	ASSAY	TB21227141	421.00	422.00	1.00	0.102	0.027	0.017	0.010	0.035	0.005
			HH21-105579	ASSAY	TB21227141	422.00	423.00	1.00	0.112	0.028	0.012	0.010	0.034	0.005
			HH21-105580	ASSAY	TB21227141	423.00	424.00	1.00	0.072	0.019	0.008	0.007	0.029	0.004
			HH21-105581	ASSAY	TB21227141	424.00	425.00	1.00	0.101	0.028	0.015	0.009	0.033	0.005
			HH21-105582	ASSAY	TB21227141	425.00	426.00	1.00	0.098	0.032	0.013	0.009	0.034	0.005
			HH21-105583	ASSAY	TB21227141	426.00	427.00	1.00	0.105	0.032	0.010	0.010	0.038	0.006
			HH21-105584	ASSAY	TB21227141	427.00	428.00	1.00	0.124	0.036	0.006	0.011	0.038	0.006
HH21-105585	ASSAY	TB21227141	428.00	429.00	1.00	0.150	0.045	0.010	0.011	0.037	0.006			
HH21-105587	ASSAY	TB21227141	429.00	430.00	1.00	0.120	0.042	0.008	0.010	0.036	0.006			
HH21-105588	ASSAY	TB21227141	430.00	431.00	1.00	0.113	0.034	0.009	0.010	0.034	0.006			
HH21-105589	ASSAY	TB21227141	431.00	432.00	1.00	0.085	0.024	0.006	0.008	0.022	0.004			
HH21-105590	ASSAY	TB21227141	432.00	433.00	1.00	0.114	0.040	0.006	0.009	0.032	0.005			
HH21-105591	ASSAY	TB21227141	433.00	434.00	1.00	0.097	0.037	0.007	0.008	0.032	0.005			
HH21-105592	ASSAY	TB21227141	434.00	435.30	1.30	0.086	0.030	0.009	0.011	0.036	0.006			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
435.30	444.43	GAB-Vt	HH21-105593	ASSAY	TB21227141	435.30	436.00	0.70	0.092	0.034	0.008	0.006	0.030	0.005
		GAB-VT. Green/light-grey. Mg-cg. Strong chlorite alt, mod actinolite and weak k-alt. Gradational upper contact from the norite unit and strong lower contact. Occasional mg-cg cpy blebs, rare py blebs.	HH21-105594	ASSAY	TB21227141	436.00	437.00	1.00	0.105	0.027	0.016	0.013	0.031	0.005
			HH21-105595	ASSAY	TB21227141	437.00	438.00	1.00	0.055	0.012	0.016	0.009	0.031	0.005
			HH21-105596	ASSAY	TB21227141	438.00	439.00	1.00	0.729	0.043	0.132	0.036	0.053	0.005
			HH21-105597	ASSAY	TB21227141	439.00	440.00	1.00	0.937	0.062	0.041	0.036	0.056	0.005
			HH21-105598	ASSAY	TB21227141	440.00	441.00	1.00	2.770	0.252	0.179	0.104	0.112	0.006
			HH21-105599	ASSAY	TB21227141	441.00	442.00	1.00	1.460	0.100	0.052	0.050	0.063	0.005
			HH21-105600	ASSAY	TB21227141	442.00	443.00	1.00	1.830	0.125	0.142	0.069	0.105	0.006
			HH21-105601	ASSAY	TB21227141	443.00	444.43	1.43	1.600	0.134	0.112	0.061	0.076	0.006
444.43	445.44	DIKE-Felsic	HH21-105602	ASSAY	TB21227141	444.43	445.44	1.01	0.040	0.006	0.003	0.013	0.003	0.000
		FELSIC DIKE. White-pink. Coarse grained felsic dike composed of predominantly plagioclase with minor quartz and chlorite. Moderate k-spar alteration occurring as patches throughout. No sulfides. Sharp contacts.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %	
445.44	483.60	GAB-Vt	HH21-105604	ASSAY	TB21227141	445.44	446.00	0.56	1.200	0.061	0.012	0.016	0.038	0.003	
GAB-VT. Green/light grey. FG-mg-cg. More mineralized than the same unit above. Strong upper contact from the dike and gradational lower contact into the tonalite. Medium grained blue quartz eyes start occurring around 460 meters and are observed until 470 meters. They don't seem to be a significant indicator of mineralization. Strong mineralization occurring from 479.1-479.6m and 480.8-480.9 m where there is 5-10% sulfides with py>>cpy. The unit has about 5% felsic intrusives which include small <10cm dikes and veins.			HH21-105605	ASSAY	TB21227141	446.00	447.00	1.00	0.304	0.044	0.003	0.012	0.029	0.003	
			HH21-105606	ASSAY	TB21227141	447.00	448.00	1.00	0.254	0.041	0.046	0.035	0.044	0.004	0.006
			HH21-105607	ASSAY	TB21227141	448.00	449.00	1.00	0.947	0.111	0.156	0.058	0.065	0.006	0.006
			HH21-105608	ASSAY	TB21227141	449.00	450.00	1.00	0.661	0.068	0.152	0.031	0.059	0.006	0.006
			HH21-105609	ASSAY	TB21227141	450.00	451.00	1.00	0.278	0.075	0.016	0.008	0.045	0.006	0.006
			HH21-105610	ASSAY	TB21227141	451.00	452.00	1.00	0.821	0.132	0.134	0.046	0.058	0.005	0.005
			HH21-105611	ASSAY	TB21227141	452.00	453.00	1.00	0.386	0.032	0.060	0.037	0.047	0.005	0.005
			HH21-105612	ASSAY	TB21227141	453.00	454.00	1.00	0.255	0.018	0.040	0.027	0.040	0.005	0.005
			HH21-105613	ASSAY	TB21227141	454.00	455.00	1.00	0.285	0.024	0.040	0.030	0.038	0.005	0.005
			HH21-105614	ASSAY	TB21227141	455.00	456.00	1.00	0.541	0.038	0.072	0.066	0.045	0.005	0.005
			HH21-105615	ASSAY	TB21227141	456.00	457.00	1.00	1.260	0.123	0.064	0.039	0.038	0.006	0.006
			HH21-105616	ASSAY	TB21227141	457.00	458.00	1.00	0.277	0.037	0.042	0.054	0.070	0.006	0.006
			HH21-105618	ASSAY	TB21227141	458.00	459.00	1.00	1.180	0.199	0.061	0.068	0.080	0.006	0.006
			HH21-105619	ASSAY	TB21227141	459.00	460.00	1.00	0.601	0.058	0.082	0.041	0.055	0.006	0.006
			HH21-105620	ASSAY	TB21227141	460.00	461.00	1.00	0.285	0.041	0.025	0.017	0.036	0.005	0.005
			HH21-105621	ASSAY	TB21227141	461.00	462.00	1.00	0.770	0.103	0.048	0.025	0.055	0.005	0.005
			HH21-105622	ASSAY	TB21227141	462.00	463.00	1.00	0.408	0.056	0.015	0.015	0.037	0.004	0.004
			HH21-105623	ASSAY	TB21227141	463.00	464.00	1.00	1.040	0.114	0.043	0.047	0.078	0.005	0.005
			HH21-105624	ASSAY	TB21227141	464.00	465.00	1.00	1.280	0.108	0.034	0.052	0.162	0.009	0.009
			HH21-105625	ASSAY	TB21227141	465.00	466.00	1.00	1.450	0.164	0.108	0.218	0.116	0.007	0.007
HH21-105626	ASSAY	TB21227141	466.00	467.00	1.00	0.746	0.086	0.065	0.043	0.061	0.005	0.005			
HH21-105627	ASSAY	TB21227141	467.00	468.00	1.00	1.620	0.198	0.467	0.076	0.115	0.007	0.007			
HH21-105628	ASSAY	TB21227141	468.00	469.00	1.00	0.329	0.039	0.028	0.029	0.039	0.005	0.005			
HH21-105629	ASSAY	TB21227141	469.00	470.00	1.00	0.110	0.028	0.022	0.015	0.030	0.005	0.005			
HH21-105631	ASSAY	TB21227141	470.00	471.00	1.00	0.536	0.070	0.110	0.067	0.050	0.005	0.005			
HH21-105632	ASSAY	TB21227141	471.00	472.00	1.00	0.554	0.043	0.064	0.035	0.043	0.005	0.005			
HH21-105633	ASSAY	TB21227141	472.00	473.00	1.00	0.897	0.069	0.041	0.051	0.055	0.006	0.006			
HH21-105634	ASSAY	TB21227141	473.00	474.00	1.00	0.712	0.048	0.017	0.030	0.051	0.005	0.005			
HH21-105635	ASSAY	TB21227141	474.00	475.00	1.00	0.094	0.005	0.026	0.073	0.025	0.005	0.005			
HH21-105636	ASSAY	TB21227141	475.00	476.00	1.00	0.039	0.005	0.005	0.017	0.020	0.005	0.005			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105637	ASSAY	TB21227141	476.00	477.00	1.00	0.003	0.003	0.006	0.015	0.021	0.005
			HH21-105638	ASSAY	TB21227141	477.00	478.00	1.00	0.006	0.003	0.003	0.011	0.021	0.005
			HH21-105639	ASSAY	TB21227141	478.00	479.00	1.00	0.010	0.003	0.002	0.015	0.018	0.006
			HH21-105640	ASSAY	TB21227141	479.00	480.00	1.00	0.254	0.038	0.066	0.254	0.125	0.025
			HH21-105642	ASSAY	TB21227143	480.00	481.00	1.00	0.517	0.036	0.027	0.076	0.062	0.006
			HH21-105643	ASSAY	TB21227143	481.00	482.00	1.00	0.305	0.023	0.018	0.039	0.051	0.005
			HH21-105644	ASSAY	TB21227143	482.00	483.00	1.00	0.193	0.020	0.022	0.024	0.025	0.005
			HH21-105645	ASSAY	TB21227143	483.00	483.60	0.60	0.024	0.008	0.004	0.008	0.018	0.005
483.60	491.20	TON												
<p>TONALITE. Black and white. Fine to medium-grained. The unit grades from the below gabbro unit and starts as a fg-mg unit till 491.15 m. Composed of plagioclase and pyroxene in a 60:40 ratio, with 5-10% quartz(could push it closer to a diorite). There is no sulfides. A strongly k-altered dike occurs from 501.31-501.78 m. The unit has a weak, spotty k and epidote alteration. Chlorite alteration increases downhole.</p>			HH21-105646	ASSAY	TB21227143	483.60	485.00	1.40	0.259	0.025	0.018	0.014	0.015	0.004
			HH21-105647	ASSAY	TB21227143	485.00	486.00	1.00	0.002	0.003	0.001	0.008	0.004	0.003
			HH21-105648	ASSAY	TB21227143	486.00	487.00	1.00	0.001	0.003	0.001	0.003	0.001	0.002
			HH21-105649	ASSAY	TB21227143	487.00	488.00	1.00	0.001	0.003	0.001	0.001	0.000	0.001
			HH21-105650	ASSAY	TB21227143	488.00	488.83	0.83	0.001	0.003	0.001	0.005	0.001	0.002
491.20	548.80	TON												
<p>TONALITE White an- to subhedral, m.g-c.g equant to lath plagioclase surrounded by black, anhedral, interstitial f.g-m.g Bt-Hbl. Has appearance of augen texture but mafic minerals do not appear strongly foliated around plag. Overall 60-70% plag and 30-40% mafic minerals. Weak to moderate Na-Si-(Ep-K) alteration. Mineralization trace disseminated pyrit. Occasional X-cutting felsic dikes. Sharp lower contact back into tonalite</p>			HH21-105651	ASSAY	TB21227143	554.10	555.00	0.90	0.001	0.003	0.027	0.003	0.002	0.001
			HH21-105652	ASSAY	TB21227143	555.00	556.00	1.00	0.001	0.003	0.006	0.003	0.000	0.001
			HH21-105653	ASSAY	TB21227143	556.00	557.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
			HH21-105655	ASSAY	TB21227143	557.00	558.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
			HH21-105656	ASSAY	TB21227143	558.00	558.64	0.64	0.012	0.003	0.001	0.003	0.003	0.001
548.80	558.64	TON												
<p>TONALITE. Black and white and pink. Fine to medium-grained. Composed of plagioclase and pyroxene in a 60:40 ratio, with 5-10% quartz(could push it closer to a diorite). There are no sulfides. The unit has a weak, spotty k and epidote alteration. Chlorite alteration increases downhole. Sharp lower contact into gabvt.</p>			HH21-105651	ASSAY	TB21227143	554.10	555.00	0.90	0.001	0.003	0.027	0.003	0.002	0.001
			HH21-105652	ASSAY	TB21227143	555.00	556.00	1.00	0.001	0.003	0.006	0.003	0.000	0.001
			HH21-105653	ASSAY	TB21227143	556.00	557.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
			HH21-105655	ASSAY	TB21227143	557.00	558.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
			HH21-105656	ASSAY	TB21227143	558.00	558.64	0.64	0.012	0.003	0.001	0.003	0.003	0.001

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
558.64	582.00	GAB-Vt	HH21-105657	ASSAY	TB21227143	558.64	560.00	1.36	0.707	0.076	0.015	0.020	0.042	0.004
GAB-Vt - Green and white. Medium-coarse-grained. Moderate-strong semi-pervasive chl-act alt and weak selective ep alt. Trace sub-rounded blue quartz. Trace up to local 0.5% blebby py and trace cpy-po-py mineralization. Upper contact to 559.33m yields strong shearing ~40dtca. Sharp lower contact into intermediate dike.			HH21-105658	ASSAY	TB21227143	560.00	561.00	1.00	0.943	0.126	0.054	0.021	0.064	0.005
			HH21-105659	ASSAY	TB21227143	561.00	562.00	1.00	0.940	0.098	0.075	0.038	0.064	0.005
			HH21-105660	ASSAY	TB21227143	562.00	563.00	1.00	2.360	0.329	0.340	0.180	0.096	0.007
			HH21-105661	ASSAY	TB21227143	563.00	564.00	1.00	1.320	0.135	0.106	0.050	0.079	0.005
			HH21-105662	ASSAY	TB21227143	564.00	565.00	1.00	1.560	0.147	0.277	0.067	0.078	0.005
			HH21-105663	ASSAY	TB21227143	565.00	566.00	1.00	0.594	0.073	0.057	0.032	0.048	0.005
			HH21-105664	ASSAY	TB21227143	566.00	567.00	1.00	0.307	0.083	0.022	0.011	0.031	0.004
			HH21-105665	ASSAY	TB21227143	567.00	568.00	1.00	0.721	0.079	0.044	0.027	0.054	0.005
			HH21-105666	ASSAY	TB21227143	568.00	569.00	1.00	0.143	0.042	0.013	0.006	0.031	0.005
			HH21-105667	ASSAY	TB21227143	569.00	570.00	1.00	0.074	0.025	0.014	0.008	0.030	0.005
			HH21-105669	ASSAY	TB21227143	570.00	571.00	1.00	0.105	0.035	0.010	0.007	0.028	0.004
			HH21-105670	ASSAY	TB21227143	571.00	572.00	1.00	0.058	0.015	0.005	0.006	0.025	0.004
			HH21-105671	ASSAY	TB21227143	572.00	573.00	1.00	0.046	0.017	0.007	0.007	0.025	0.004
			HH21-105672	ASSAY	TB21227143	573.00	574.00	1.00	0.056	0.021	0.008	0.010	0.026	0.004
			HH21-105673	ASSAY	TB21227143	574.00	575.00	1.00	0.069	0.022	0.007	0.007	0.025	0.004
			HH21-105674	ASSAY	TB21227143	575.00	576.00	1.00	0.057	0.018	0.012	0.014	0.022	0.004
			HH21-105675	ASSAY	TB21227143	576.00	577.00	1.00	0.090	0.018	0.014	0.012	0.022	0.004
			HH21-105676	ASSAY	TB21227143	577.00	578.00	1.00	0.780	0.097	0.030	0.020	0.044	0.006
			HH21-105677	ASSAY	TB21227143	578.00	579.00	1.00	0.170	0.033	0.031	0.023	0.036	0.005
HH21-105678	ASSAY	TB21227143	579.00	580.00	1.00	0.481	0.108	0.045	0.028	0.041	0.005			
HH21-105679	ASSAY	TB21227143	580.00	581.00	1.00	0.354	0.081	0.024	0.023	0.040	0.005			
HH21-105680	ASSAY	TB21227143	581.00	582.00	1.00	0.302	0.042	0.015	0.020	0.038	0.005			
582.00	584.96	DIKE-Intermediate	HH21-105681	ASSAY	TB21227143	582.00	583.00	1.00	0.004	0.003	0.001	0.005	0.001	0.001
INTERMEDIATE DIKE - Pink, fine-grained, dominantly plg, moderate-strong pervasive k alt and weak ff ser alt. Trace diss/ff py mineralization. Sharp lower contact ~90dtca			HH21-105682	ASSAY	TB21227143	583.00	584.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
			HH21-105683	ASSAY	TB21227143	584.00	584.96	0.96	0.001	0.003	0.012	0.003	0.001	0.001

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
584.96	592.80	GAB-Vt	HH21-105684	ASSAY	TB21227143	584.96	586.00	1.04	0.363	0.034	0.009	0.019	0.025	0.003
GAB-Vt - Green and white. Equally medium to coarse-grained. Moderate-strong semi-pervasive chl-act alt. Weak local ep alt and weak k alt proximal to lower contact. Trace py +/-cpy-po. Massive. Sharp lower contact into tonalite ~60dtca.			HH21-105685	ASSAY	TB21227143	586.00	587.00	1.00	0.104	0.018	0.008	0.011	0.025	0.003
			HH21-105686	ASSAY	TB21227143	587.00	588.00	1.00	0.930	0.038	0.111	0.026	0.038	0.004
			HH21-105687	ASSAY	TB21227143	588.00	589.00	1.00	0.116	0.013	0.009	0.009	0.023	0.003
			HH21-105688	ASSAY	TB21227143	589.00	590.00	1.00	0.221	0.026	0.019	0.013	0.025	0.003
			HH21-105689	ASSAY	TB21227143	590.00	591.00	1.00	0.087	0.015	0.010	0.007	0.024	0.004
			HH21-105690	ASSAY	TB21227143	591.00	592.00	1.00	0.389	0.038	0.025	0.012	0.040	0.003
			HH21-105692	ASSAY	TB21227143	592.00	592.80	0.80	0.362	0.042	0.017	0.021	0.038	0.003
592.80	605.65	TON	HH21-105693	ASSAY	TB21227143	592.80	594.00	1.20	0.003	0.003	0.001	0.002	0.003	0.001
TONALITE - Black and white and pink. Fine to medium-grained. Composed of plagioclase and pyroxene in a 60:40 ratio, with ~3-5% quartz. Trace diss/ff py mineralization. Moderate-strong spv/selective k alt and Arbitrary lower contact into the augen/cg tonalite			HH21-105694	ASSAY	TB21227143	594.00	595.00	1.00	0.002	0.003	0.001	0.001	0.000	0.001
			HH21-105695	ASSAY	TB21227143	595.00	596.00	1.00	0.001	0.003	0.001	0.001	0.000	0.001
			HH21-105696	ASSAY	TB21227143	596.00	597.50	1.50	0.001	0.003	0.001	0.007	0.000	0.001
605.65	628.75	TON	HH21-105697	ASSAY	TB21227143	618.00	619.00	1.00	0.903	0.049	0.029	0.023	0.032	0.003
TONALITE - White/black, an- to subhderal, m.g.c.g equant to lath plagioclase surrounded by black, anhedral, interstitial f.g-m.g Bt-Hbl. Has appearance of augen texture but mafic minerals do not appear strongly foliated around plag. Overall 60-70% plag and 30-40% mafic minerals. Weak to moderate Na-Si- (Ep-K) alteration. Mineralization trace disseminated pyrite. ~1-2% vh/vc blebby pyrite mineralization and trace cpy in quartz vein ~618.07-618.39m depth. Occasional X-cutting felsic dikes and quartz veins. Sharp lower contact back into tonalite														
628.75	633.50	TON												
TONALITE - Creamy white and pink with lesser darker green. Fine to medium-grained. Composed of plagioclase and pyroxene in a 60:40 ratio, with ~1-3% quartz. Nil mineralization. Weak k, sil, chl, ser alt. Inclusions of cg/augen tonalite approaching lower contact. Sharp lower contact back into augen/cg ton.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
633.50	643.10	TON												
<p>TONALITE - White/black, an- to subhedral, m.g-c.g equant to lath plagioclase surrounded by black, anhedral, interstitial f.g-m.g Bt-Hbl. Has appearance of augen texture but mafic minerals do not appear strongly foliated around plag. Overall 60-70% plag and 30-40% mafic minerals. Weak to moderate Na-Si-(K) alteration. Mineralization trace disseminated pyrite. Occasional X-cutting mafic, felsic dikes and quartz veins. Sharp lower contact back into tonalite</p>														
643.10	667.35	TON												
<p>TONALITE - Black and white and pink. Fine to medium-grained. Composed of plagioclase and pyroxene in a 60:40 ratio, with ~5-10% quartz. Trace diss/ff py mineralization. Moderate-strong spv/selective k alt, weak chl. Sharp lower contact ~35dtca into intermediate dike.</p>														
667.35	668.80	DIKE-Intermediate												
<p>INTERMEDIATE DIKE - Greenish grey. Fine-grained. Dominantly plag with ~10% darker mafic constituents. Nil mineralization. Sharp lower contact ~25dtca.</p>														
668.80	677.07	TON												
<p>Same as TON above the intermediate dike above this lithology.</p>														
677.07	686.25	TON												
<p>TONALITE - White/black, an- to subhedral, m.g-c.g equant to lath plagioclase surrounded by black, anhedral, interstitial f.g-m.g Bt-Hbl. Has appearance of augen texture but mafic minerals do not appear strongly foliated around plag. Previous tonalite lithology 680.84-681.90m depth. Overall 60-70% plag and 30-40% mafic minerals. Weak to moderate Na-Si-(K) alteration. Mineralization trace disseminated pyrite. Occasional X-cutting felsic dikes. Sharp lower contact into felsic dike ~20dtca</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
686.25	688.37	DIKE-Felsic												
<p>FELSIC DIKE - Medium-grained and plag dominant. Strongly foliated, appears tonalitic. K alt, weak ser, weak chl. Nil mineralization. Sharp lower contact ~75dtca</p>														
688.37	693.67	TON												
<p>Same as above tonalite</p>														
693.67	714.38	TON												
<p>TONALITE - Black and white and pink. Fine to medium-grained. Composed of plagioclase and pyroxene in a 60:40 ratio, with ~5-10% quartz. Trace diss/ff py mineralization. Moderate-strong spv/selective k alt, weak chl, weak ff ser alt. Strong foliation. Sharp lower contact ~60dtca into felsic dike</p>														
714.38	716.00	DIKE-Felsic												
<p>FELSIC DIKE - White, black and pink. Dominantly plag with ~5% biotite or pyx and ~5-10% quartz. Trace diss py mineralization. Sharp lower contact back to tonalite</p>														
716.00	753.26	TON												
<p>TONALITE - Cream-pink-black colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate K-Si-Na alteration, 0.1% f.g disseminated pyrite. Gneissic texture/strong foliation ~40-55dtca. Sharp lower contact into intermediate dike</p>														
753.26	755.56	DIKE-Intermediate												
<p>INTERMEDIATE DIKE - Light to medium-green. Fine-grained. Occasional tonalite inclusion. Moderate ep/chl alt. Weak selective k alt in fine-grained plag. Nil mineralization. Sharp lower contact back into tonalite ~40dtca</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %	
755.56	770.00	TON													
<p>TONALITE - Cream-pink-black colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate K-Si-Na alteration, 0.1% f.g disseminated pyrite. Gneissic texture/strong foliation ~40-55dtca. Sharp lower contact into intermediate dike</p>															
770.00	772.00	DIKE-Intermediate													
<p>INTERMEDIATE DIKE - Light to medium-green. Fine-grained. Occasional tonalite inclusion. Moderate ep/chl alt. Weak selective k alt in fine-grained plag. Nil mineralization. Sharp lower contact back into tonalite ~50dtca</p>															
772.00	820.10	TON													
<p>TONALITE - Cream-pink-black colour, m.g granular to well-foliated groundmass, Pl-Qtz-Bt-Hbl composition, moderate K-Si-Na alteration, 0.1% f.g disseminated pyrite except in ~10cm qtz vein 788.82-789.92m depth where local 20% py occurs. Gneissic texture/strong foliation ~40-55dtca. Lower contact where healed faulting begins ~45dtca</p>			HH21-105698	ASSAY	TB21227143	814.36	815.00	0.64	0.002	0.003	0.001	0.001	0.001	0.001	
			HH21-105699	ASSAY	TB21227143	815.00	816.00	1.00	0.002	0.003	0.003	0.002	0.001	0.001	0.001
			HH21-105700	ASSAY	TB21227143	816.00	817.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001	0.001
			HH21-105702	ASSAY	TB21227143	817.00	818.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001	0.001
			HH21-105703	ASSAY	TB21227143	818.00	819.00	1.00	0.001	0.003	0.004	0.001	0.001	0.001	0.001
			HH21-105704	ASSAY	TB21227143	819.00	820.10	1.10	0.001	0.003	0.002	0.005	0.001	0.001	0.001
820.10	822.90	FAULT-CL													
<p>CAMP LAKE FAULT - Healed faulting in tonalite to ~821.70m depth which changes to very gouged faulting occurs until end of lithology at 822.90m depth. Upper contact to 820.64m depth is a healed faulted tonalite and 820.64-821.70m depth appears to be a varitextured gabbro with moderate chl-act and weak k alt. Nil mineralization. Faulting seems to have a ~40-50dtca orientation. Lower contact chosen where gouge ends.</p>			HH21-105705	ASSAY	TB21227143	820.10	821.00	0.90	0.029	0.006	0.013	0.015	0.010	0.002	
			HH21-105706	ASSAY	TB21227143	821.00	822.00	1.00	0.161	0.031	0.005	0.002	0.036	0.004	
			HH21-105707	ASSAY	TB21227143	822.00	822.90	0.90	0.125	0.016	0.008	0.001	0.037	0.005	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
822.90	938.62	MNOR	HH21-105708	ASSAY	TB21227143	822.90	824.00	1.10	0.026	0.003	0.008	0.020	0.039	0.008
MELANONORITE - Moderate-dark green and purple. Possibly loggable as norite to ~854m depth due to less degree of alteration and visible plag however, pXRF suggests MNOR with Mg values ~9-12%. Fine-medium grained pervasively altered by moderate-extreme chl-act alt. Bleached/sassuritized plagioclase locally to ~854 meters. After 854m, plagioclase becomes more difficult to differentiate and grain boundaries are difficult to discern due to higher degree of alteration. Mineralization is rare, limited to trace disseminated cpy-py. Local trace strong mag suggests trace presence of magnetite although no grains observed. Weak foliation observed in localized sections, but mostly massive. Hairline fractures, infilled with calcite are present in localized clusters. Occasional felsic dikes/dikelets. Lower contact marked by a small ~20cm strain zone ~40dtca and a small intermediate dike ~8cm wide. Lower contact chosen where more significant plag becomes observable and local borderline leucocratic patches occur.			HH21-105709	ASSAY	TB21227143	824.00	825.00	1.00	0.617	0.088	0.069	0.040	0.052	0.006
			HH21-105711	ASSAY	TB21227143	825.00	826.00	1.00	0.378	0.064	0.024	0.010	0.050	0.006
			HH21-105712	ASSAY	TB21227143	826.00	827.00	1.00	1.060	0.167	0.038	0.019	0.060	0.007
			HH21-105713	ASSAY	TB21227143	827.00	828.00	1.00	0.772	0.093	0.048	0.017	0.054	0.005
			HH21-105714	ASSAY	TB21227143	828.00	829.00	1.00	0.733	0.075	0.083	0.019	0.055	0.006
			HH21-105715	ASSAY	TB21227143	829.00	830.00	1.00	0.836	0.131	0.050	0.012	0.056	0.008
			HH21-105716	ASSAY	TB21227143	830.00	831.00	1.00	0.548	0.089	0.029	0.007	0.055	0.008
			HH21-105717	ASSAY	TB21227143	831.00	832.00	1.00	0.074	0.029	0.010	0.005	0.055	0.008
			HH21-105718	ASSAY	TB21227143	832.00	833.00	1.00	0.086	0.035	0.013	0.007	0.056	0.008
			HH21-105720	ASSAY	TB21227145	833.00	834.00	1.00	0.128	0.046	0.013	0.006	0.054	0.008
			HH21-105721	ASSAY	TB21227145	834.00	835.00	1.00	0.144	0.041	0.015	0.006	0.054	0.008
			HH21-105722	ASSAY	TB21227145	835.00	836.00	1.00	0.074	0.027	0.011	0.006	0.052	0.008
			HH21-105723	ASSAY	TB21227145	836.00	837.00	1.00	0.098	0.032	0.013	0.006	0.052	0.008
			HH21-105724	ASSAY	TB21227145	837.00	838.00	1.00	0.094	0.032	0.014	0.007	0.053	0.008
			HH21-105725	ASSAY	TB21227145	838.00	839.00	1.00	0.170	0.044	0.010	0.005	0.054	0.008
			HH21-105726	ASSAY	TB21227145	839.00	840.00	1.00	0.117	0.034	0.005	0.004	0.052	0.008
			HH21-105727	ASSAY	TB21227145	840.00	841.00	1.00	0.267	0.058	0.003	0.003	0.050	0.008
			HH21-105729	ASSAY	TB21227145	841.00	842.00	1.00	0.098	0.032	0.006	0.004	0.044	0.007
			HH21-105730	ASSAY	TB21227145	842.00	843.00	1.00	0.861	0.176	0.080	0.016	0.070	0.009
			HH21-105731	ASSAY	TB21227145	843.00	844.00	1.00	0.077	0.027	0.007	0.005	0.051	0.008
			HH21-105732	ASSAY	TB21227145	844.00	845.00	1.00	0.092	0.034	0.009	0.006	0.052	0.008
			HH21-105733	ASSAY	TB21227145	845.00	846.00	1.00	0.085	0.028	0.010	0.007	0.052	0.008
			HH21-105734	ASSAY	TB21227145	846.00	847.00	1.00	0.156	0.060	0.013	0.009	0.058	0.009
			HH21-105735	ASSAY	TB21227145	847.00	848.00	1.00	0.460	0.104	0.038	0.013	0.059	0.009
			HH21-105736	ASSAY	TB21227145	848.00	849.00	1.00	0.110	0.035	0.013	0.006	0.052	0.008
			HH21-105737	ASSAY	TB21227145	849.00	850.00	1.00	0.133	0.036	0.010	0.006	0.051	0.008
			HH21-105738	ASSAY	TB21227145	850.00	851.00	1.00	0.347	0.057	0.012	0.007	0.057	0.009
			HH21-105739	ASSAY	TB21227145	851.00	852.00	1.00	0.274	0.062	0.009	0.004	0.052	0.008
			HH21-105740	ASSAY	TB21227145	852.00	853.00	1.00	0.225	0.046	0.007	0.004	0.050	0.008
			HH21-105741	ASSAY	TB21227145	853.00	854.00	1.00	0.107	0.034	0.008	0.005	0.047	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105743	ASSAY	TB21227145	854.00	855.00	1.00	0.050	0.014	0.003	0.003	0.017	0.003
			HH21-105744	ASSAY	TB21227145	855.00	856.00	1.00	0.243	0.054	0.013	0.006	0.050	0.009
			HH21-105745	ASSAY	TB21227145	856.00	857.00	1.00	0.470	0.078	0.023	0.010	0.054	0.009
			HH21-105746	ASSAY	TB21227145	857.00	858.00	1.00	0.429	0.082	0.063	0.017	0.064	0.010
			HH21-105747	ASSAY	TB21227145	858.00	859.00	1.00	0.207	0.046	0.023	0.009	0.057	0.009
			HH21-105748	ASSAY	TB21227145	859.00	860.00	1.00	0.363	0.059	0.025	0.008	0.056	0.008
			HH21-105749	ASSAY	TB21227145	860.00	861.00	1.00	0.090	0.029	0.007	0.003	0.043	0.007
			HH21-105750	ASSAY	TB21227145	861.00	862.00	1.00	0.070	0.029	0.008	0.003	0.051	0.008
			HH21-105751	ASSAY	TB21227145	862.00	863.00	1.00	0.116	0.038	0.014	0.006	0.055	0.008
			HH21-105752	ASSAY	TB21227145	863.00	864.00	1.00	0.098	0.036	0.016	0.005	0.056	0.009
			HH21-105753	ASSAY	TB21227145	864.00	865.00	1.00	0.096	0.033	0.015	0.005	0.056	0.008
			HH21-105754	ASSAY	TB21227145	865.00	866.00	1.00	0.124	0.038	0.015	0.005	0.055	0.008
			HH21-105755	ASSAY	TB21227145	866.00	867.00	1.00	0.101	0.037	0.015	0.007	0.056	0.008
			HH21-105756	ASSAY	TB21227145	867.00	868.00	1.00	0.149	0.038	0.019	0.009	0.059	0.009
			HH21-105757	ASSAY	TB21227145	868.00	869.00	1.00	0.182	0.042	0.022	0.010	0.060	0.009
			HH21-105758	ASSAY	TB21227145	869.00	870.00	1.00	0.567	0.097	0.032	0.013	0.068	0.010
			HH21-105759	ASSAY	TB21227145	870.00	871.00	1.00	0.256	0.054	0.022	0.009	0.058	0.009
			HH21-105760	ASSAY	TB21227145	871.00	872.00	1.00	0.222	0.049	0.024	0.010	0.061	0.009
			HH21-105761	ASSAY	TB21227145	872.00	873.00	1.00	0.426	0.093	0.032	0.012	0.060	0.008
			HH21-105762	ASSAY	TB21227145	873.00	874.00	1.00	0.226	0.052	0.031	0.016	0.066	0.009
			HH21-105763	ASSAY	TB21227145	874.00	875.00	1.00	0.330	0.067	0.048	0.026	0.070	0.009
			HH21-105764	ASSAY	TB21227145	875.00	876.00	1.00	0.280	0.065	0.041	0.027	0.057	0.007
			HH21-105766	ASSAY	TB21227145	876.00	877.00	1.00	0.668	0.125	0.076	0.048	0.087	0.010
			HH21-105767	ASSAY	TB21227145	877.00	878.00	1.00	0.505	0.095	0.064	0.037	0.078	0.009
			HH21-105768	ASSAY	TB21227145	878.00	879.00	1.00	1.280	0.216	0.147	0.091	0.124	0.011
			HH21-105769	ASSAY	TB21227145	879.00	880.00	1.00	0.840	0.133	0.068	0.031	0.071	0.009
			HH21-105770	ASSAY	TB21227145	880.00	881.00	1.00	0.221	0.043	0.018	0.008	0.054	0.008
			HH21-105771	ASSAY	TB21227145	881.00	882.00	1.00	0.226	0.048	0.022	0.010	0.060	0.009
			HH21-105772	ASSAY	TB21227145	882.00	883.00	1.00	0.086	0.032	0.015	0.007	0.057	0.008
			HH21-105773	ASSAY	TB21227145	883.00	884.00	1.00	0.127	0.036	0.012	0.006	0.057	0.008
			HH21-105774	ASSAY	TB21227145	884.00	885.00	1.00	0.097	0.036	0.010	0.005	0.057	0.008
			HH21-105776	ASSAY	TB21227145	885.00	886.00	1.00	0.074	0.033	0.013	0.007	0.055	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105777	ASSAY	TB21227145	886.00	887.00	1.00	0.236	0.054	0.029	0.014	0.063	0.009
			HH21-105778	ASSAY	TB21227145	887.00	888.00	1.00	0.329	0.075	0.019	0.005	0.056	0.008
			HH21-105779	ASSAY	TB21227145	888.00	889.00	1.00	0.101	0.037	0.005	0.002	0.055	0.008
			HH21-105780	ASSAY	TB21227145	889.00	890.00	1.00	0.078	0.032	0.024	0.011	0.054	0.008
			HH21-105781	ASSAY	TB21227145	890.00	891.00	1.00	0.125	0.038	0.012	0.005	0.055	0.008
			HH21-105782	ASSAY	TB21227145	891.00	892.00	1.00	0.560	0.089	0.034	0.010	0.062	0.008
			HH21-105783	ASSAY	TB21227145	892.00	893.00	1.00	1.700	0.230	0.058	0.015	0.074	0.008
			HH21-105784	ASSAY	TB21227145	893.00	894.00	1.00	0.100	0.032	0.015	0.006	0.055	0.008
			HH21-105785	ASSAY	TB21227145	894.00	895.00	1.00	0.239	0.048	0.028	0.007	0.058	0.009
			HH21-105786	ASSAY	TB21227145	895.00	896.00	1.00	0.097	0.036	0.016	0.006	0.057	0.009
			HH21-105787	ASSAY	TB21227145	896.00	897.00	1.00	0.288	0.049	0.021	0.006	0.058	0.009
			HH21-105788	ASSAY	TB21227145	897.00	898.00	1.00	0.206	0.042	0.015	0.005	0.055	0.008
			HH21-105789	ASSAY	TB21227145	898.00	899.00	1.00	0.185	0.036	0.016	0.006	0.052	0.008
			HH21-105791	ASSAY	TB21227145	899.00	900.00	1.00	0.173	0.043	0.012	0.006	0.054	0.008
			HH21-105792	ASSAY	TB21227145	900.00	901.00	1.00	0.221	0.052	0.018	0.008	0.055	0.008
			HH21-105793	ASSAY	TB21227145	901.00	902.00	1.00	0.256	0.047	0.017	0.007	0.057	0.008
			HH21-105794	ASSAY	TB21227145	902.00	903.00	1.00	0.137	0.037	0.013	0.006	0.053	0.008
			HH21-105795	ASSAY	TB21227145	903.00	904.00	1.00	0.086	0.035	0.011	0.006	0.049	0.007
			HH21-105796	ASSAY	TB21227145	904.00	905.00	1.00	0.286	0.050	0.016	0.005	0.053	0.008
			HH21-105798	ASSAY	TB21227146	905.00	906.00	1.00	0.071	0.028	0.014	0.006	0.051	0.008
			HH21-105799	ASSAY	TB21227146	906.00	907.00	1.00	1.200	0.167	0.043	0.008	0.058	0.008
			HH21-105800	ASSAY	TB21227146	907.00	908.00	1.00	0.326	0.064	0.021	0.007	0.055	0.008
			HH21-105801	ASSAY	TB21227146	908.00	909.00	1.00	0.138	0.040	0.013	0.005	0.054	0.008
			HH21-105802	ASSAY	TB21227146	909.00	910.00	1.00	0.845	0.129	0.041	0.006	0.057	0.008
			HH21-105803	ASSAY	TB21227146	910.00	911.00	1.00	0.108	0.028	0.011	0.004	0.044	0.007
			HH21-105804	ASSAY	TB21227146	911.00	912.00	1.00	0.341	0.078	0.015	0.002	0.055	0.008
			HH21-105806	ASSAY	TB21227146	912.00	913.00	1.00	0.780	0.075	0.016	0.004	0.037	0.005
			HH21-105807	ASSAY	TB21227146	913.00	914.00	1.00	0.180	0.041	0.021	0.007	0.053	0.008
			HH21-105808	ASSAY	TB21227146	914.00	915.00	1.00	0.222	0.042	0.018	0.004	0.054	0.008
			HH21-105809	ASSAY	TB21227146	915.00	916.00	1.00	0.359	0.063	0.027	0.007	0.055	0.008
			HH21-105810	ASSAY	TB21227146	916.00	917.00	1.00	0.519	0.084	0.026	0.005	0.058	0.008
			HH21-105811	ASSAY	TB21227146	917.00	918.00	1.00	0.466	0.062	0.035	0.009	0.057	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105812	ASSAY	TB21227146	918.00	919.00	1.00	0.716	0.108	0.044	0.008	0.059	0.009
			HH21-105813	ASSAY	TB21227146	919.00	920.00	1.00	0.378	0.066	0.019	0.005	0.055	0.008
			HH21-105814	ASSAY	TB21227146	920.00	921.00	1.00	0.746	0.114	0.018	0.006	0.056	0.008
			HH21-105815	ASSAY	TB21227146	921.00	922.00	1.00	0.902	0.123	0.023	0.015	0.058	0.008
			HH21-105816	ASSAY	TB21227146	922.00	923.00	1.00	1.050	0.132	0.030	0.016	0.062	0.009
			HH21-105817	ASSAY	TB21227146	923.00	924.00	1.00	0.497	0.075	0.041	0.013	0.057	0.009
			HH21-105818	ASSAY	TB21227146	924.00	925.00	1.00	0.738	0.105	0.074	0.012	0.059	0.008
			HH21-105819	ASSAY	TB21227146	925.00	926.00	1.00	0.759	0.111	0.064	0.012	0.061	0.009
			HH21-105820	ASSAY	TB21227146	926.00	927.00	1.00	0.987	0.143	0.072	0.015	0.062	0.009
			HH21-105821	ASSAY	TB21227146	927.00	928.00	1.00	1.500	0.195	0.112	0.024	0.069	0.009
			HH21-105822	ASSAY	TB21227146	928.00	929.00	1.00	1.160	0.143	0.061	0.012	0.064	0.009
			HH21-105823	ASSAY	TB21227146	929.00	930.00	1.00	1.160	0.162	0.062	0.014	0.061	0.008
			HH21-105824	ASSAY	TB21227146	930.00	931.00	1.00	0.440	0.063	0.043	0.012	0.058	0.008
			HH21-105825	ASSAY	TB21227146	931.00	932.00	1.00	0.394	0.068	0.046	0.012	0.056	0.008
			HH21-105827	ASSAY	TB21227146	932.00	933.00	1.00	0.776	0.111	0.070	0.014	0.062	0.008
			HH21-105828	ASSAY	TB21227146	933.00	934.00	1.00	1.760	0.218	0.129	0.025	0.073	0.009
			HH21-105829	ASSAY	TB21227146	934.00	935.00	1.00	0.324	0.066	0.054	0.013	0.060	0.008
			HH21-105830	ASSAY	TB21227146	935.00	936.00	1.00	0.747	0.126	0.062	0.015	0.064	0.008
			HH21-105831	ASSAY	TB21227146	936.00	937.00	1.00	1.220	0.168	0.107	0.022	0.066	0.008
			HH21-105832	ASSAY	TB21227146	937.00	938.00	1.00	3.730	0.448	0.218	0.043	0.090	0.009
			HH21-105833	ASSAY	TB21227146	938.00	938.62	0.62	2.430	0.320	0.164	0.037	0.074	0.008
938.62	944.68	NOR-Vt	HH21-105834	ASSAY	TB21227146	938.62	940.00	1.38	0.921	0.143	0.057	0.016	0.048	0.006
		NOR-Vt	HH21-105835	ASSAY	TB21227146	940.00	941.00	1.00	0.241	0.049	0.017	0.007	0.056	0.008
		Possibly loggable as MNOR-Vt. Dark green with white/iridescent plag. Medium-coarse grained varitexture. Dominantly medium-grained with lesser cg plag phases exhibiting a similar look to leucocratic. Strong-extreme chl-act alt.	HH21-105836	ASSAY	TB21227146	941.00	942.00	1.00	0.754	0.123	0.052	0.016	0.048	0.006
		Nil mineralization. 2 <10cm wide tonalitic fragments ~941-941.50m depth. One felsic dike plag>qtz>bio in structure tab. Massive.	HH21-105837	ASSAY	TB21227146	942.00	943.00	1.00	0.813	0.107	0.031	0.008	0.047	0.006
		Sharp lower contact marked where the coarse-grained/leuco phase varitexture ends ~60-70dtca.	HH21-105838	ASSAY	TB21227146	943.00	944.00	1.00	1.080	0.132	0.042	0.012	0.052	0.007
			HH21-105840	ASSAY	TB21227146	944.00	944.68	0.68	0.358	0.066	0.016	0.006	0.039	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
944.68	1,019.70	MNOR	HH21-105841	ASSAY	TB21227146	944.68	946.00	1.32	0.175	0.043	0.010	0.004	0.052	0.008
		MNOR - Dark greenish purple. Medium-grained, equigranular except trace local coarse-grained vt/leuco phases dominantly contained in upper 10-20m. Alteration ranges from weak-strong pervasive chl-act alt. One fine-grained/strained interval ~959.50-959.98m depth ~50-55dtca. ~65-80% pyx/20-35% plag ratio. Dominantly nil to trace vfg diss po-cpy mineralization with an increase to 0.5% vfg diss po-cpy ~996-998m depth. Massive. Occasional to semi-frequent felsic dikes/dikelets and occasional intermediate dikes. Lower contact marked by coarse-grained phase change marking a varitextured unit	HH21-105842	ASSAY	TB21227146	946.00	947.00	1.00	0.213	0.049	0.013	0.007	0.052	0.008
			HH21-105843	ASSAY	TB21227146	947.00	948.00	1.00	0.231	0.051	0.014	0.008	0.051	0.008
			HH21-105844	ASSAY	TB21227146	948.00	949.00	1.00	0.188	0.045	0.018	0.011	0.053	0.008
			HH21-105845	ASSAY	TB21227146	949.00	950.00	1.00	0.141	0.038	0.014	0.010	0.048	0.008
			HH21-105846	ASSAY	TB21227146	950.00	951.00	1.00	0.179	0.039	0.011	0.007	0.044	0.007
			HH21-105847	ASSAY	TB21227146	951.00	952.00	1.00	0.400	0.063	0.025	0.012	0.038	0.006
			HH21-105849	ASSAY	TB21227146	952.00	953.00	1.00	2.300	0.262	0.114	0.031	0.062	0.008
			HH21-105850	ASSAY	TB21227146	953.00	954.00	1.00	0.176	0.042	0.017	0.010	0.048	0.008
			HH21-105851	ASSAY	TB21227146	954.00	955.00	1.00	0.413	0.060	0.023	0.010	0.046	0.007
			HH21-105852	ASSAY	TB21227146	955.00	956.00	1.00	0.545	0.087	0.053	0.017	0.061	0.008
			HH21-105853	ASSAY	TB21227146	956.00	957.00	1.00	0.637	0.114	0.057	0.018	0.061	0.008
			HH21-105854	ASSAY	TB21227146	957.00	958.00	1.00	1.060	0.145	0.067	0.018	0.067	0.008
			HH21-105855	ASSAY	TB21227146	958.00	959.00	1.00	0.806	0.104	0.051	0.013	0.063	0.008
			HH21-105856	ASSAY	TB21227146	959.00	960.00	1.00	0.924	0.079	0.042	0.014	0.030	0.005
			HH21-105857	ASSAY	TB21227146	960.00	961.00	1.00	0.568	0.085	0.018	0.010	0.057	0.008
			HH21-105858	ASSAY	TB21227146	961.00	962.00	1.00	0.125	0.034	0.011	0.008	0.052	0.008
			HH21-105859	ASSAY	TB21227146	962.00	963.00	1.00	1.340	0.179	0.071	0.047	0.074	0.009
			HH21-105860	ASSAY	TB21227146	963.00	964.00	1.00	0.210	0.040	0.013	0.009	0.051	0.008
			HH21-105861	ASSAY	TB21227146	964.00	965.00	1.00	0.364	0.055	0.021	0.009	0.050	0.007
			HH21-105862	ASSAY	TB21227146	965.00	966.00	1.00	0.447	0.067	0.014	0.005	0.044	0.006
		HH21-105863	ASSAY	TB21227146	966.00	967.00	1.00	0.177	0.038	0.012	0.006	0.039	0.006	
		HH21-105865	ASSAY	TB21227146	967.00	968.00	1.00	0.129	0.023	0.007	0.004	0.028	0.004	
		HH21-105866	ASSAY	TB21227146	968.00	969.00	1.00	0.163	0.035	0.016	0.009	0.051	0.008	
		HH21-105867	ASSAY	TB21227146	969.00	970.00	1.00	0.423	0.060	0.029	0.013	0.055	0.008	
		HH21-105868	ASSAY	TB21227146	970.00	971.00	1.00	0.346	0.050	0.017	0.009	0.054	0.008	
		HH21-105869	ASSAY	TB21227146	971.00	972.00	1.00	0.232	0.048	0.013	0.010	0.053	0.008	
		HH21-105870	ASSAY	TB21227146	972.00	973.00	1.00	0.185	0.048	0.009	0.011	0.054	0.008	
		HH21-105871	ASSAY	TB21227146	973.00	974.00	1.00	0.150	0.050	0.007	0.009	0.054	0.008	
		HH21-105872	ASSAY	TB21227146	974.00	975.00	1.00	0.140	0.036	0.010	0.016	0.055	0.008	
		HH21-105873	ASSAY	TB21227146	975.00	976.00	1.00	0.356	0.059	0.016	0.016	0.057	0.008	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105874	ASSAY	TB21227146	976.00	977.00	1.00	0.455	0.081	0.027	0.011	0.057	0.008
			HH21-105876	ASSAY	TB21227149	977.00	978.00	1.00	0.237	0.044	0.025	0.011	0.051	0.007
			HH21-105877	ASSAY	TB21227149	978.00	979.00	1.00	0.121	0.034	0.013	0.008	0.047	0.007
			HH21-105878	ASSAY	TB21227149	979.00	980.00	1.00	0.099	0.029	0.010	0.007	0.046	0.007
			HH21-105879	ASSAY	TB21227149	980.00	981.00	1.00	0.059	0.016	0.007	0.012	0.025	0.004
			HH21-105880	ASSAY	TB21227149	981.00	982.00	1.00	0.167	0.039	0.021	0.012	0.053	0.008
			HH21-105881	ASSAY	TB21227149	982.00	983.00	1.00	0.159	0.039	0.015	0.009	0.052	0.008
			HH21-105882	ASSAY	TB21227149	983.00	984.00	1.00	0.228	0.046	0.017	0.007	0.050	0.007
			HH21-105883	ASSAY	TB21227149	984.00	985.00	1.00	0.167	0.049	0.021	0.010	0.051	0.008
			HH21-105884	ASSAY	TB21227149	985.00	986.00	1.00	0.159	0.039	0.015	0.009	0.050	0.008
			HH21-105885	ASSAY	TB21227149	986.00	987.00	1.00	0.129	0.034	0.014	0.011	0.046	0.007
			HH21-105886	ASSAY	TB21227149	987.00	988.00	1.00	0.176	0.031	0.012	0.009	0.036	0.005
			HH21-105887	ASSAY	TB21227149	988.00	989.00	1.00	0.039	0.008	0.006	0.007	0.018	0.003
			HH21-105888	ASSAY	TB21227149	989.00	990.00	1.00	0.229	0.039	0.019	0.010	0.051	0.007
			HH21-105889	ASSAY	TB21227149	990.00	991.00	1.00	0.177	0.037	0.014	0.008	0.052	0.007
			HH21-105890	ASSAY	TB21227149	991.00	992.00	1.00	0.227	0.039	0.016	0.010	0.056	0.008
			HH21-105891	ASSAY	TB21227149	992.00	993.00	1.00	0.260	0.046	0.017	0.009	0.047	0.006
			HH21-105892	ASSAY	TB21227149	993.00	994.00	1.00	1.810	0.221	0.146	0.037	0.076	0.007
			HH21-105893	ASSAY	TB21227149	994.00	995.00	1.00	1.540	0.174	0.152	0.038	0.073	0.007
			HH21-105895	ASSAY	TB21227149	995.00	996.00	1.00	1.570	0.197	0.156	0.040	0.081	0.008
			HH21-105896	ASSAY	TB21227149	996.00	997.00	1.00	3.540	0.438	0.377	0.089	0.117	0.009
			HH21-105897	ASSAY	TB21227149	997.00	998.00	1.00	3.320	0.404	0.371	0.086	0.116	0.009
			HH21-105898	ASSAY	TB21227149	998.00	999.00	1.00	1.880	0.233	0.198	0.048	0.084	0.008
			HH21-105899	ASSAY	TB21227149	999.00	1000.00	1.00	1.910	0.257	0.165	0.048	0.085	0.008
			HH21-105901	ASSAY	TB21227149	1000.00	1001.00	1.00	1.440	0.188	0.127	0.034	0.078	0.008
			HH21-105902	ASSAY	TB21227149	1001.00	1002.00	1.00	1.240	0.173	0.143	0.031	0.074	0.008
			HH21-105903	ASSAY	TB21227149	1002.00	1003.00	1.00	4.610	0.542	0.452	0.140	0.161	0.009
			HH21-105904	ASSAY	TB21227149	1003.00	1004.00	1.00	1.040	0.117	0.131	0.037	0.072	0.008
			HH21-105905	ASSAY	TB21227149	1004.00	1005.00	1.00	1.260	0.166	0.145	0.034	0.070	0.007
			HH21-105906	ASSAY	TB21227149	1005.00	1006.00	1.00	0.525	0.068	0.044	0.025	0.022	0.002
			HH21-105907	ASSAY	TB21227149	1006.00	1007.00	1.00	2.570	0.316	0.233	0.067	0.100	0.007
			HH21-105908	ASSAY	TB21227149	1007.00	1008.00	1.00	1.720	0.211	0.195	0.050	0.090	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-105909	ASSAY	TB21227149	1008.00	1009.00	1.00	0.892	0.120	0.092	0.032	0.071	0.008
			HH21-105910	ASSAY	TB21227149	1009.00	1010.00	1.00	0.714	0.103	0.077	0.024	0.072	0.008
			HH21-105911	ASSAY	TB21227149	1010.00	1011.00	1.00	0.886	0.123	0.107	0.032	0.080	0.009
			HH21-105912	ASSAY	TB21227149	1011.00	1012.00	1.00	0.906	0.125	0.106	0.031	0.076	0.008
			HH21-105913	ASSAY	TB21227149	1012.00	1013.00	1.00	0.738	0.095	0.075	0.026	0.069	0.008
			HH21-105914	ASSAY	TB21227149	1013.00	1014.00	1.00	0.942	0.132	0.110	0.032	0.075	0.008
			HH21-105915	ASSAY	TB21227149	1014.00	1015.00	1.00	0.763	0.100	0.091	0.024	0.070	0.007
			HH21-105916	ASSAY	TB21227149	1015.00	1016.00	1.00	1.400	0.172	0.134	0.042	0.085	0.007
			HH21-105917	ASSAY	TB21227149	1016.00	1017.00	1.00	0.102	0.012	0.016	0.021	0.058	0.008
			HH21-105919	ASSAY	TB21227149	1017.00	1018.00	1.00	0.075	0.010	0.030	0.027	0.060	0.008
			HH21-105920	ASSAY	TB21227149	1018.00	1019.00	1.00	0.032	0.003	0.013	0.017	0.056	0.008
			HH21-105921	ASSAY	TB21227149	1019.00	1019.70	0.70	0.033	0.005	0.012	0.013	0.058	0.008
1,019.70	1,025.90	NOR-Vt												
		NOR-Vt -	HH21-105922	ASSAY	TB21227149	1019.70	1021.00	1.30	1.300	0.158	0.168	0.033	0.055	0.005
		Similar NOR-Vt to one above. pXRF values ~4-6%	HH21-105923	ASSAY	TB21227149	1021.00	1022.00	1.00	6.690	0.764	0.296	0.035	0.072	0.006
		Mg. Dark green with white plag. Medium-coarse	HH21-105924	ASSAY	TB21227149	1022.00	1023.00	1.00	1.750	0.241	0.205	0.061	0.063	0.006
		grained varitexture. Dominantly medium-grained with	HH21-105925	ASSAY	TB21227149	1023.00	1024.00	1.00	1.810	0.255	0.273	0.071	0.081	0.006
		lesser cg plag phases exhibiting a similar look to	HH21-105926	ASSAY	TB21227149	1024.00	1025.00	1.00	0.982	0.133	0.103	0.032	0.051	0.004
		leucocratic. Moderte-strong chl-act alt.	HH21-105927	ASSAY	TB21227149	1025.00	1025.90	0.90	1.130	0.145	0.097	0.029	0.059	0.005
		Trace disseminated fg and fg blebs po-cpy												
		mineralization. Mineralization occurs in both leuco												
		plag patches and disseminated interstitially.												
		Massive.												
		Lower contact marked by the end of the cg/leuco												
		phases and Mg values increase where a more												
		medium-grained, equigranular MNOR begins again												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,025.90	1,049.50	MNOR	HH21-105928	ASSAY	TB21227149	1025.90	1027.30	1.40	0.592	0.090	0.060	0.016	0.065	0.007
		MNOR - Dark greenish purple. Medium-grained, equigranular. Alteration ranges from weak-strong pervasive chl-act alt. ~65-80% pyx/20-35% plag ratio. Nil to trace vfg diss po-cpy mineralization to 1028.20m depth where it drastically increases up to 2% vfg diss po-cpy in intermittent intervals of trace mineralization. Lower contact marked by initial brecciated interval into the brecciated/vt nor	HH21-105929	ASSAY	TB21227149	1027.30	1028.00	0.70	3.070	0.399	0.290	0.081	0.132	0.008
			HH21-105930	ASSAY	TB21227149	1028.00	1029.00	1.00	4.960	0.685	0.675	0.169	0.174	0.009
			HH21-105931	ASSAY	TB21227149	1029.00	1030.00	1.00	6.690	1.010	1.020	0.257	0.241	0.010
			HH21-105932	ASSAY	TB21227149	1030.00	1031.00	1.00	5.260	0.712	0.745	0.208	0.201	0.009
			HH21-105933	ASSAY	TB21227149	1031.00	1032.00	1.00	2.700	0.353	0.350	0.103	0.104	0.007
			HH21-105934	ASSAY	TB21227149	1032.00	1033.00	1.00	2.960	0.529	0.484	0.111	0.142	0.009
			HH21-105935	ASSAY	TB21227149	1033.00	1034.00	1.00	3.950	0.589	0.533	0.143	0.147	0.009
			HH21-105936	ASSAY	TB21227149	1034.00	1035.00	1.00	2.050	0.294	0.182	0.042	0.088	0.008
			HH21-105938	ASSAY	TB21227149	1035.00	1036.00	1.00	2.020	0.255	0.218	0.042	0.080	0.009
			HH21-105939	ASSAY	TB21227149	1036.00	1037.00	1.00	3.670	0.472	0.413	0.066	0.101	0.009
			HH21-105940	ASSAY	TB21227149	1037.00	1038.00	1.00	8.210	1.100	1.050	0.167	0.175	0.011
			HH21-105941	ASSAY	TB21227149	1038.00	1039.00	1.00	5.600	0.693	0.494	0.096	0.126	0.009
			HH21-105942	ASSAY	TB21227149	1039.00	1040.00	1.00	4.520	0.532	0.438	0.092	0.122	0.009
			HH21-105943	ASSAY	TB21227149	1040.00	1041.00	1.00	8.320	1.040	0.732	0.134	0.175	0.011
			HH21-105944	ASSAY	TB21227149	1041.00	1042.00	1.00	7.690	0.926	0.800	0.143	0.192	0.010
			HH21-105945	ASSAY	TB21227149	1042.00	1043.00	1.00	9.930	1.220	0.964	0.191	0.240	0.010
			HH21-105947	ASSAY	TB21227149	1043.00	1044.00	1.00	1.100	0.159	0.104	0.025	0.075	0.007
			HH21-105948	ASSAY	TB21227149	1044.00	1045.00	1.00	7.340	0.901	0.659	0.144	0.172	0.008
			HH21-105949	ASSAY	TB21227149	1045.00	1046.00	1.00	3.110	0.373	0.299	0.066	0.117	0.007
			HH21-105950	ASSAY	TB21227149	1046.00	1047.00	1.00	10.150	1.230	1.030	0.179	0.260	0.010
			HH21-105951	ASSAY	TB21227149	1047.00	1048.00	1.00	20.200	2.570	1.810	0.321	0.448	0.013
			HH21-105952	ASSAY	TB21227149	1048.00	1049.50	1.50	19.200	2.320	1.870	0.372	0.463	0.014

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,049.50	1,064.85	NOR-Bx	HH21-105954	ASSAY	TB21227150	1049.50	1051.00	1.50	7.400	0.826	0.772	0.149	0.195	0.008
		NOR-Bx - Dark purple/greenish. pXRF suggests noritic composition Mg values ~5-9.7%. Weak-moderate chl-act alt. Dominantly medium-grained with fine-grained/brecciated intervals ~1049.50-1049.93m, 1056.50-1057.05m, and 1058.80-1061.40m (with foliation ~30-40dtca) depth. Brecciated intervals appear fine-grained noritic with microfractures common. Brecciated interval @ 1051.27m depth yields cg/peg plag for 30cm. Fine-grained, bx intervals range in contact orientations ~40-70dtca. Mineralization in medium-grained, equigranular intervals is intermittently strong up to 2-3% in local intervals vfg diss po-cpy. Trace mineralization observable in fine-grained brecciated intervals and typically ff. One small <10cm tonalitic fragment ~1063.50m depth. Arbitrary lower contact chosen where alteration increases and pXRF suggests an increase in Mg to MNOR values.	HH21-105955	ASSAY	TB21227150	1051.00	1052.00	1.00	6.420	0.752	0.792	0.224	0.195	0.009
			HH21-105956	ASSAY	TB21227150	1052.00	1053.00	1.00	11.950	1.410	1.470	0.263	0.336	0.010
			HH21-105957	ASSAY	TB21227150	1053.00	1054.00	1.00	8.640	1.070	0.715	0.165	0.232	0.009
			HH21-105958	ASSAY	TB21227150	1054.00	1055.00	1.00	14.800	1.800	1.520	0.308	0.364	0.012
			HH21-105959	ASSAY	TB21227150	1055.00	1056.00	1.00	9.820	1.110	0.839	0.188	0.270	0.012
			HH21-105960	ASSAY	TB21227150	1056.00	1057.00	1.00	7.740	0.891	0.833	0.152	0.193	0.009
			HH21-105961	ASSAY	TB21227150	1057.00	1058.00	1.00	9.730	1.220	1.090	0.210	0.265	0.010
			HH21-105962	ASSAY	TB21227150	1058.00	1059.00	1.00	15.550	1.840	1.710	0.334	0.381	0.013
			HH21-105963	ASSAY	TB21227150	1059.00	1060.00	1.00	0.147	0.020	0.032	0.046	0.021	0.006
			HH21-105964	ASSAY	TB21227150	1060.00	1061.00	1.00	0.027	0.007	0.040	0.024	0.034	0.006
			HH21-105965	ASSAY	TB21227150	1061.00	1062.00	1.00	1.920	0.224	0.236	0.065	0.081	0.007
			HH21-105966	ASSAY	TB21227150	1062.00	1063.00	1.00	2.080	0.254	0.266	0.056	0.104	0.009
			HH21-105967	ASSAY	TB21227150	1063.00	1064.00	1.00	5.980	0.729	0.664	0.139	0.179	0.010
			HH21-105969	ASSAY	TB21227150	1064.00	1064.85	0.85	2.050	0.251	0.184	0.047	0.109	0.009
1,064.85	1,074.50	MNOR-Bx	HH21-105970	ASSAY	TB21227150	1064.85	1066.00	1.15	0.417	0.053	0.046	0.017	0.051	0.006
		MNOR-Bx - Dark greenish purple. Dominantly medium-grained with fine-grained brecciated intervals. Similar to above NOR-Bx, but with higher Mg values suggesting an MNOR. Fine-grained brecciated intervals ~1066.55-1069.10m depth 1067.76-1070.10m (with foliation ~20dtca), and 1074-1074.50m. One coarse-grained phase ~1073.55-1074m depth. Fracture-filling calcite trace-1% in brecciated intervals. Weak-strong chl-act alt. Dominantly trace mineralization with a few patches of increased fg diss po-cpy up to 0.5-1%. Somewhat arbitrary lower contact chosen where a fine-grained bx intervals ends and the pXRF data shows a decreased amount of Mg <9%.	HH21-105971	ASSAY	TB21227150	1066.00	1067.00	1.00	2.020	0.269	0.237	0.061	0.092	0.007
			HH21-105972	ASSAY	TB21227150	1067.00	1068.00	1.00	0.008	0.003	0.010	0.012	0.046	0.008
			HH21-105973	ASSAY	TB21227150	1068.00	1069.00	1.00	1.740	0.225	0.187	0.078	0.099	0.009
			HH21-105974	ASSAY	TB21227150	1069.00	1070.00	1.00	0.963	0.119	0.121	0.071	0.094	0.009
			HH21-105975	ASSAY	TB21227150	1070.00	1071.00	1.00	0.342	0.050	0.063	0.019	0.056	0.006
			HH21-105976	ASSAY	TB21227150	1071.00	1072.00	1.00	1.390	0.174	0.097	0.027	0.078	0.008
			HH21-105977	ASSAY	TB21227150	1072.00	1073.00	1.00	1.280	0.194	0.180	0.047	0.099	0.009
			HH21-105978	ASSAY	TB21227150	1073.00	1074.50	1.50	2.300	0.284	0.307	0.108	0.108	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,074.50	1,103.66	NOR-Vt	HH21-105979	ASSAY	TB21227150	1074.50	1076.00	1.50	4.530	0.590	0.616	0.198	0.218	0.011
		NOR - Dark green, weakly purple. Gradational, arbitrary upper contact characterized by lower Mg values. Typically medium grained with fg sections.	HH21-105981	ASSAY	TB21227150	1076.00	1077.00	1.00	4.070	0.525	0.507	0.161	0.190	0.011
			HH21-105982	ASSAY	TB21227150	1077.00	1078.00	1.00	2.980	0.405	0.422	0.130	0.161	0.009
			HH21-105983	ASSAY	TB21227150	1078.00	1079.00	1.00	2.960	0.395	0.376	0.147	0.162	0.010
		The fg sections include: 1079.12-1079.49, 1084.24-1084.64, 1085.1-1086.71, 1087.9-1088, 1097-1097.3	HH21-105984	ASSAY	TB21227150	1079.00	1080.00	1.00	3.640	0.502	0.437	0.165	0.194	0.010
			HH21-105985	ASSAY	TB21227150	1080.00	1081.00	1.00	6.550	0.841	0.737	0.224	0.289	0.012
		A coarser section occurs from 1093.76-1093.86. This section is predominantly quartz with blocks of the mafic host. 2-3% cpy. Another cg section from	HH21-105986	ASSAY	TB21227150	1081.00	1082.00	1.00	1.920	0.254	0.233	0.080	0.110	0.008
			HH21-105987	ASSAY	TB21227150	1082.00	1083.00	1.00	0.383	0.050	0.045	0.021	0.051	0.007
			HH21-105988	ASSAY	TB21227150	1083.00	1084.00	1.00	0.332	0.040	0.037	0.019	0.058	0.008
		The unit becomes more variably textured beginning around 1095.6 till the end of the unit at 1103.66 m. The unit becomes more coarse and more silicious.	HH21-105989	ASSAY	TB21227150	1084.00	1085.00	1.00	1.620	0.209	0.173	0.096	0.091	0.008
			HH21-105990	ASSAY	TB21227150	1085.00	1086.00	1.00	0.374	0.051	0.075	0.053	0.028	0.006
		Overall the unit is relatively mineralized. Predominantly cpy and pyrite occurring as fg-mg blebs and disseminations, 0.1-0.5% sulfides.	HH21-105991	ASSAY	TB21227150	1086.00	1087.00	1.00	0.956	0.114	0.144	0.063	0.057	0.007
			HH21-105993	ASSAY	TB21227150	1087.00	1088.00	1.00	3.110	0.392	0.398	0.119	0.150	0.009
			HH21-105994	ASSAY	TB21227150	1088.00	1089.00	1.00	3.330	0.437	0.370	0.129	0.151	0.009
		Gradational contact with the lower Cg gabbro unit.	HH21-105995	ASSAY	TB21227150	1089.00	1090.00	1.00	2.900	0.379	0.402	0.126	0.154	0.010
			HH21-105996	ASSAY	TB21227150	1090.00	1091.00	1.00	3.250	0.464	0.406	0.130	0.166	0.010
			HH21-105997	ASSAY	TB21227150	1091.00	1092.00	1.00	4.150	0.593	0.498	0.142	0.178	0.010
			HH21-105998	ASSAY	TB21227150	1092.00	1093.00	1.00	4.490	0.598	0.547	0.182	0.181	0.009
			HH21-105999	ASSAY	TB21227150	1093.00	1094.00	1.00	6.910	0.848	0.794	0.139	0.163	0.009
			HH21-106000	ASSAY	TB21227150	1094.00	1095.00	1.00	4.800	0.602	0.668	0.225	0.203	0.010
			HH21-106001	ASSAY	TB21227150	1095.00	1096.00	1.00	1.780	0.260	0.231	0.087	0.113	0.007
			HH21-106002	ASSAY	TB21227150	1096.00	1097.00	1.00	0.516	0.081	0.041	0.019	0.077	0.007
			HH21-106003	ASSAY	TB21227150	1097.00	1098.00	1.00	1.360	0.190	0.134	0.082	0.103	0.008
			HH21-106004	ASSAY	TB21227150	1098.00	1099.00	1.00	0.289	0.045	0.028	0.014	0.055	0.006
			HH21-106005	ASSAY	TB21227150	1099.00	1100.00	1.00	0.424	0.057	0.049	0.021	0.063	0.007
			HH21-106006	ASSAY	TB21227150	1100.00	1101.00	1.00	0.564	0.073	0.095	0.033	0.070	0.007
			HH21-106007	ASSAY	TB21227150	1101.00	1102.00	1.00	1.400	0.186	0.208	0.059	0.101	0.009
			HH21-106008	ASSAY	TB21227150	1102.00	1103.00	1.00	1.900	0.252	0.185	0.056	0.083	0.006
			HH21-106009	ASSAY	TB21227150	1103.00	1103.66	0.66	3.710	0.474	0.424	0.111	0.143	0.010

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,103.66	1,107.52	GAB	HH21-106010	ASSAY	TB21227150	1103.66	1105.00	1.34	0.617	0.088	0.009	0.003	0.041	0.004
		GAB - White-grey-green. Coarse grained and non-foliated. Silicious. Trace sulfides: py,po,cpy. Obvious change in grain size at the contacts.	HH21-106011	ASSAY	TB21227150	1105.00	1106.00	1.00	0.452	0.063	0.021	0.011	0.041	0.004
			HH21-106012	ASSAY	TB21227150	1106.00	1107.00	1.00	0.915	0.131	0.061	0.041	0.052	0.004
			HH21-106014	ASSAY	TB21227150	1107.00	1107.52	0.52	2.640	0.300	0.078	0.020	0.051	0.005
1,107.52	1,116.00		MNOR	HH21-106015	ASSAY	TB21227150	1107.52	1109.00	1.48	0.130	0.024	0.027	0.011	0.054
		MNOR - Purple-green. Weak-mod chlorite and actinolite alteration. Non-foliated. Composed predominantly of clinopyroxene(bronzite). Medium grained and equigranular. The unit has trace sulfides occurring as po-cpy assemblage as fg-mg blebs scattered in small(5-10cm) pockets. Arbitrary lower contact where there is an increase of plag.	HH21-106016	ASSAY	TB21227150	1109.00	1110.00	1.00	0.104	0.025	0.025	0.011	0.054	0.008
			HH21-106017	ASSAY	TB21227150	1110.00	1111.00	1.00	1.330	0.180	0.170	0.052	0.086	0.008
			HH21-106018	ASSAY	TB21227150	1111.00	1112.00	1.00	0.692	0.096	0.098	0.032	0.071	0.008
			HH21-106019	ASSAY	TB21227150	1112.00	1113.00	1.00	0.416	0.053	0.035	0.013	0.039	0.004
			HH21-106020	ASSAY	TB21227150	1113.00	1114.00	1.00	1.520	0.207	0.203	0.055	0.083	0.008
			HH21-106021	ASSAY	TB21227150	1114.00	1115.00	1.00	2.970	0.375	0.300	0.076	0.108	0.009
			HH21-106022	ASSAY	TB21227150	1115.00	1116.00	1.00	0.846	0.104	0.068	0.021	0.057	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,116.00	1,153.31	GAB-Vt	HH21-106023	ASSAY	TB21227150	1116.00	1117.00	1.00	1.500	0.191	0.071	0.026	0.075	0.006
		GABVT - Greenish-grey. Mg-cg-fg. The unit is characterized by its increase in plag and quartz content as well as its variable texture. Mod-strong chlorite alteration. Weakly mineralized with sulfides(cpy, po, py) occurring as fg-mg blebs.	HH21-106024	ASSAY	TB21227150	1117.00	1118.00	1.00	1.980	0.252	0.178	0.074	0.089	0.006
			HH21-106025	ASSAY	TB21227150	1118.00	1119.00	1.00	0.661	0.086	0.052	0.021	0.051	0.006
			HH21-106026	ASSAY	TB21227150	1119.00	1120.00	1.00	1.170	0.187	0.051	0.033	0.070	0.006
			HH21-106027	ASSAY	TB21227150	1120.00	1121.00	1.00	1.380	0.198	0.139	0.045	0.069	0.005
			HH21-106028	ASSAY	TB21227150	1121.00	1122.00	1.00	1.520	0.199	0.077	0.030	0.074	0.006
		Interstitial, pasty white-green mineral occurs within this unit. Likely a chlorite variant.	HH21-106030	ASSAY	TB21227150	1122.00	1123.00	1.00	2.660	0.318	0.180	0.059	0.080	0.007
			HH21-106032	ASSAY	TB21227151	1123.00	1124.00	1.00	0.408	0.029	0.023	0.011	0.038	0.005
		A fine grained mafic dike occurs from 1149.65-1150.28. Trace diss. fg sulfides found within(difficult to distinguish).	HH21-106033	ASSAY	TB21227151	1124.00	1125.00	1.00	0.826	0.088	0.064	0.020	0.054	0.005
			HH21-106034	ASSAY	TB21227151	1125.00	1126.00	1.00	0.504	0.063	0.039	0.010	0.038	0.004
			HH21-106035	ASSAY	TB21227151	1126.00	1127.00	1.00	1.780	0.279	0.138	0.048	0.073	0.005
		3 leucogabbro phases occur from: 1151.39-1151.76, 1151.87-1152.6 and 1152.9-1153.31. These sections have a plag:pyroxene ratio of 50:50 and are coarse grained. The final phase marks the end of the gabbro and the beginning of the next Norite unit.	HH21-106036	ASSAY	TB21227151	1127.00	1128.00	1.00	0.767	0.098	0.040	0.019	0.046	0.004
			HH21-106037	ASSAY	TB21227151	1128.00	1129.00	1.00	2.850	0.356	0.208	0.084	0.089	0.005
			HH21-106038	ASSAY	TB21227151	1129.00	1130.00	1.00	3.060	0.387	0.161	0.053	0.093	0.005
			HH21-106039	ASSAY	TB21227151	1130.00	1131.00	1.00	5.220	0.645	0.571	0.157	0.199	0.009
			HH21-106040	ASSAY	TB21227151	1131.00	1132.00	1.00	2.260	0.273	0.167	0.058	0.096	0.006
			HH21-106041	ASSAY	TB21227151	1132.00	1133.00	1.00	1.110	0.087	0.092	0.028	0.053	0.005
			HH21-106042	ASSAY	TB21227151	1133.00	1134.00	1.00	0.619	0.061	0.053	0.017	0.044	0.005
			HH21-106043	ASSAY	TB21227151	1134.00	1135.00	1.00	0.826	0.083	0.062	0.016	0.044	0.005
			HH21-106044	ASSAY	TB21227151	1135.00	1136.00	1.00	1.380	0.171	0.121	0.040	0.067	0.006
			HH21-106045	ASSAY	TB21227151	1136.00	1137.00	1.00	0.658	0.077	0.024	0.019	0.041	0.004
			HH21-106046	ASSAY	TB21227151	1137.00	1138.00	1.00	1.020	0.120	0.046	0.045	0.056	0.005
			HH21-106048	ASSAY	TB21227151	1138.00	1139.00	1.00	0.315	0.051	0.026	0.012	0.046	0.006
		HH21-106049	ASSAY	TB21227151	1139.00	1140.00	1.00	0.676	0.077	0.053	0.018	0.053	0.006	
		HH21-106050	ASSAY	TB21227151	1140.00	1141.00	1.00	2.250	0.264	0.184	0.056	0.077	0.006	
		HH21-106051	ASSAY	TB21227151	1141.00	1142.00	1.00	1.340	0.159	0.138	0.053	0.072	0.005	
		HH21-106052	ASSAY	TB21227151	1142.00	1143.00	1.00	1.740	0.255	0.169	0.062	0.068	0.005	
		HH21-106053	ASSAY	TB21227151	1143.00	1144.00	1.00	1.680	0.201	0.180	0.040	0.067	0.005	
		HH21-106054	ASSAY	TB21227151	1144.00	1145.00	1.00	0.662	0.106	0.080	0.027	0.038	0.004	
		HH21-106055	ASSAY	TB21227151	1145.00	1146.00	1.00	2.770	0.368	0.261	0.084	0.103	0.007	
		HH21-106056	ASSAY	TB21227151	1146.00	1147.00	1.00	0.691	0.095	0.052	0.019	0.059	0.006	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106057	ASSAY	TB21227151	1147.00	1148.00	1.00	1.660	0.215	0.134	0.047	0.072	0.006
			HH21-106058	ASSAY	TB21227151	1148.00	1149.00	1.00	1.020	0.203	0.102	0.039	0.067	0.006
			HH21-106059	ASSAY	TB21227151	1149.00	1150.00	1.00	2.050	0.265	0.212	0.087	0.106	0.007
			HH21-106060	ASSAY	TB21227151	1150.00	1151.00	1.00	2.020	0.251	0.168	0.072	0.099	0.007
			HH21-106061	ASSAY	TB21227151	1151.00	1152.00	1.00	3.030	0.376	0.267	0.106	0.129	0.008
			HH21-106062	ASSAY	TB21227151	1152.00	1153.00	1.00	1.720	0.263	0.051	0.015	0.068	0.005
			HH21-106063	ASSAY	TB21227151	1153.00	1154.00	1.00	1.090	0.143	0.123	0.039	0.075	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,153.31	1,180.88	NOR	HH21-106064	ASSAY	TB21227151	1154.00	1155.00	1.00	1.140	0.148	0.132	0.036	0.078	0.008
NOR - Dark greenish-grey. Intermixed with gabbro and gabbronorite. Fg-mg with occasional cg section. Weak-mod chl and actinolite alteration.			HH21-106065	ASSAY	TB21227151	1155.00	1156.00	1.00	4.710	0.544	0.522	0.135	0.153	0.009
			HH21-106066	ASSAY	TB21227151	1156.00	1157.00	1.00	4.040	0.462	0.379	0.137	0.141	0.008
			HH21-106068	ASSAY	TB21227151	1157.00	1158.00	1.00	3.030	0.363	0.315	0.078	0.092	0.007
Lighter section of gabbronorite occurring from 1177.75-1179.			HH21-106069	ASSAY	TB21227151	1158.00	1159.00	1.00	1.340	0.177	0.139	0.039	0.067	0.007
			HH21-106070	ASSAY	TB21227151	1159.00	1160.00	1.00	0.846	0.108	0.064	0.022	0.055	0.007
Section of darker norite(potentially MNOR) from 1179-1180.88.			HH21-106071	ASSAY	TB21227151	1160.00	1161.00	1.00	0.897	0.114	0.077	0.028	0.061	0.007
			HH21-106072	ASSAY	TB21227151	1161.00	1162.00	1.00	0.660	0.092	0.051	0.022	0.059	0.007
Cg section from 1161.91-1162.1, 1174.85-1174.97.			HH21-106073	ASSAY	TB21227151	1162.00	1163.00	1.00	1.620	0.230	0.207	0.057	0.082	0.007
			HH21-106074	ASSAY	TB21227151	1163.00	1164.00	1.00	0.981	0.131	0.100	0.033	0.068	0.007
Leuco phases from 1166-1166.09 and 1173.82-1174.13.			HH21-106075	ASSAY	TB21227151	1164.00	1165.00	1.00	1.000	0.142	0.111	0.036	0.070	0.008
			HH21-106076	ASSAY	TB21227151	1165.00	1166.00	1.00	0.931	0.114	0.119	0.040	0.073	0.008
Pocket of 20% sulfides from 1163.62-1163.7. Blebby cpy, py, and po.			HH21-106078	ASSAY	TB21227151	1166.00	1167.00	1.00	1.090	0.128	0.081	0.024	0.061	0.006
			HH21-106079	ASSAY	TB21227151	1167.00	1168.00	1.00	2.280	0.334	0.236	0.059	0.084	0.007
Overall the unit is weakly mineralized, trace py,po,cpy.			HH21-106080	ASSAY	TB21227151	1168.00	1169.00	1.00	2.400	0.318	0.257	0.075	0.099	0.007
			HH21-106081	ASSAY	TB21227151	1169.00	1170.00	1.00	1.200	0.139	0.122	0.035	0.065	0.007
			HH21-106082	ASSAY	TB21227151	1170.00	1171.00	1.00	0.294	0.049	0.033	0.012	0.049	0.007
			HH21-106083	ASSAY	TB21227151	1171.00	1172.00	1.00	0.311	0.049	0.042	0.016	0.051	0.007
			HH21-106084	ASSAY	TB21227151	1172.00	1173.00	1.00	0.940	0.119	0.106	0.038	0.068	0.007
			HH21-106086	ASSAY	TB21227151	1173.00	1174.00	1.00	0.990	0.154	0.107	0.034	0.068	0.007
			HH21-106087	ASSAY	TB21227151	1174.00	1175.00	1.00	1.920	0.241	0.122	0.042	0.084	0.007
			HH21-106088	ASSAY	TB21227151	1175.00	1176.00	1.00	1.490	0.204	0.088	0.029	0.077	0.007
			HH21-106089	ASSAY	TB21227151	1176.00	1177.00	1.00	2.810	0.389	0.265	0.089	0.123	0.008
			HH21-106090	ASSAY	TB21227151	1177.00	1178.00	1.00	1.780	0.237	0.070	0.023	0.096	0.008
			HH21-106091	ASSAY	TB21227151	1178.00	1179.00	1.00	1.180	0.168	0.074	0.027	0.051	0.004
			HH21-106092	ASSAY	TB21227151	1179.00	1180.00	1.00	0.848	0.111	0.125	0.045	0.073	0.007
			HH21-106093	ASSAY	TB21227151	1180.00	1180.88	0.88	2.410	0.335	0.295	0.120	0.150	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,180.88	1,189.94	GAB	HH21-106094	ASSAY	TB21227151	1180.88	1182.00	1.12	0.938	0.141	0.111	0.030	0.055	0.006
GAB - Black-white and green. An EGAB characterized by mod-strong foliation and variable texture/grain size. Typical grain size is medium grained. Foliation trends from 30-45 degrees. Pyroxene dominate(Melano) till 1190 metres and then more leuco and norite intermixed till the end of the unit. The unit is moderately chlorite altered and weakly na-alt.			HH21-106095	ASSAY	TB21227151	1182.00	1183.00	1.00	0.132	0.029	0.023	0.010	0.051	0.008
			HH21-106096	ASSAY	TB21227151	1183.00	1184.00	1.00	1.600	0.223	0.151	0.034	0.087	0.008
			HH21-106097	ASSAY	TB21227151	1184.00	1185.00	1.00	3.650	0.449	0.342	0.086	0.118	0.008
			HH21-106098	ASSAY	TB21227151	1185.00	1186.00	1.00	2.060	0.250	0.252	0.065	0.082	0.007
			HH21-106100	ASSAY	TB21227151	1186.00	1187.00	1.00	1.560	0.209	0.126	0.039	0.079	0.007
			HH21-106101	ASSAY	TB21227151	1187.00	1188.00	1.00	1.120	0.143	0.079	0.027	0.066	0.007
			HH21-106102	ASSAY	TB21227151	1188.00	1189.00	1.00	1.520	0.203	0.171	0.042	0.075	0.007
Sharp upper contact and more gradational lower contact.			HH21-106103	ASSAY	TB21227151	1189.00	1189.94	0.94	1.340	0.151	0.109	0.035	0.070	0.006
			Strongest mineralization occurring from 1193.3-1195.5 with upwards to 0.5-1% sulfides within 10 cm pockets. Mineralization composed of fg blebs and disseminations of po>cpy>py.											
1,189.94	1,196.66	GAB-Vt	HH21-106104	ASSAY	TB21227151	1189.94	1191.00	1.06	1.670	0.155	0.025	0.004	0.044	0.003
GABVT: Sharp upper contact marked by change in mineral comp with up to 80% plag and 20% subhedral pyrx. 0.1% f.g disseminated Py-(Ccp-Po), mod Na-Chl alt. At 1192.89m, a sharp contact is observed with more classic GABVT, with mod-str Chl alt, x-cutting cg to peg pods hosting Po-Ccp mineralization, and 60-40 pyrx-pl comp. Overall <0.5% f.g-m.g diss to blebby Po-Ccp-Py. Lower contact marked by veining and consistent grain size within groundmass.			HH21-106105	ASSAY	TB21227151	1191.00	1192.00	1.00	4.640	0.269	0.064	0.006	0.085	0.004
			HH21-106106	ASSAY	TB21227151	1192.00	1193.00	1.00	5.180	0.330	0.093	0.023	0.093	0.005
			HH21-106107	ASSAY	TB21227151	1193.00	1194.00	1.00	2.040	0.199	0.490	0.071	0.092	0.009
			HH21-106108	ASSAY	TB21227151	1194.00	1195.00	1.00	1.540	0.213	0.158	0.059	0.077	0.007
			HH21-106110	ASSAY	TB21227153	1195.00	1196.00	1.00	1.420	0.184	0.129	0.041	0.085	0.010
			HH21-106111	ASSAY	TB21227153	1196.00	1196.66	0.66	1.300	0.220	0.016	0.004	0.080	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,196.66	1,214.00	NOR	HH21-106112	ASSAY	TB21227153	1196.66	1198.00	1.34	1.240	0.164	0.118	0.044	0.080	0.008
NOR: Dark green colour, mg groundmass with 60-70% Pyrx and 30-40% Plag, strong Chl-Act alt, 0.1% diss Py-Po-Ccp. X-cutting TON to felsic veins/dikes common up to 1209m. Uniform groundmass, lower contact marked by increase in cumulus Pyrx and slight increase in Chl-Act alt.			HH21-106113	ASSAY	TB21227153	1198.00	1199.00	1.00	2.400	0.304	0.252	0.079	0.109	0.010
			HH21-106114	ASSAY	TB21227153	1199.00	1200.00	1.00	0.760	0.107	0.049	0.023	0.061	0.006
			HH21-106115	ASSAY	TB21227153	1200.00	1201.00	1.00	1.840	0.244	0.195	0.070	0.097	0.008
			HH21-106116	ASSAY	TB21227153	1201.00	1202.00	1.00	0.671	0.084	0.061	0.021	0.060	0.007
			HH21-106117	ASSAY	TB21227153	1202.00	1203.00	1.00	0.667	0.079	0.042	0.018	0.046	0.005
			HH21-106118	ASSAY	TB21227153	1203.00	1204.00	1.00	0.737	0.099	0.086	0.033	0.054	0.006
			HH21-106119	ASSAY	TB21227153	1204.00	1205.00	1.00	0.554	0.071	0.092	0.044	0.054	0.007
			HH21-106120	ASSAY	TB21227153	1205.00	1206.00	1.00	0.557	0.082	0.059	0.025	0.055	0.006
			HH21-106122	ASSAY	TB21227153	1206.00	1207.00	1.00	1.080	0.146	0.130	0.052	0.062	0.006
			HH21-106123	ASSAY	TB21227153	1207.00	1208.00	1.00	0.482	0.061	0.062	0.021	0.047	0.006
			HH21-106124	ASSAY	TB21227153	1208.00	1209.00	1.00	0.531	0.070	0.049	0.017	0.049	0.006
			HH21-106125	ASSAY	TB21227153	1209.00	1210.00	1.00	0.590	0.095	0.052	0.023	0.056	0.007
			HH21-106126	ASSAY	TB21227153	1210.00	1211.00	1.00	0.332	0.047	0.025	0.018	0.052	0.006
			HH21-106127	ASSAY	TB21227153	1211.00	1212.00	1.00	0.259	0.034	0.029	0.016	0.046	0.007
			HH21-106128	ASSAY	TB21227153	1212.00	1213.00	1.00	0.155	0.019	0.028	0.017	0.040	0.007
HH21-106129	ASSAY	TB21227153	1213.00	1214.00	1.00	0.183	0.037	0.022	0.018	0.046	0.007			
1,214.00	1,222.36	MNOR	HH21-106130	ASSAY	TB21227153	1214.00	1215.00	1.00	0.667	0.109	0.073	0.038	0.061	0.007
MNOR: Dark green colour, up to 70-80% cumulus Pyrx with associated decrease in plag, strong Chl-Act alteration, trace disseminated sulfides. One section of GAB from 1217.13-1218.84m. Rare x-cutting felsic veins. Lower contact marked by increase in plag content with Na-alt. Increase in Mg/Fe and decrease in Ca noted in pXRF from 1215-1223m.			HH21-106131	ASSAY	TB21227153	1215.00	1216.00	1.00	0.513	0.076	0.052	0.025	0.062	0.008
			HH21-106132	ASSAY	TB21227153	1216.00	1217.00	1.00	1.060	0.175	0.093	0.044	0.074	0.009
			HH21-106133	ASSAY	TB21227153	1217.00	1218.00	1.00	1.030	0.136	0.051	0.032	0.057	0.006
			HH21-106134	ASSAY	TB21227153	1218.00	1219.00	1.00	0.225	0.044	0.008	0.006	0.028	0.005
			HH21-106135	ASSAY	TB21227153	1219.00	1220.00	1.00	0.337	0.056	0.038	0.018	0.057	0.009
			HH21-106136	ASSAY	TB21227153	1220.00	1221.00	1.00	0.236	0.041	0.022	0.012	0.031	0.005
			HH21-106137	ASSAY	TB21227153	1221.00	1222.36	1.36	0.694	0.097	0.065	0.025	0.062	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,222.36	1,277.05	NOR	HH21-106138	ASSAY	TB21227153	1222.36	1223.00	0.64	0.579	0.083	0.038	0.018	0.043	0.006
<p>NOR: Continuation from previous NOR, mg groundmass with 60/40 Pyrx-Pl composition, strong Chl-Act which may mask primary texture, <0.5% f.g disseminated Py-Po-Ccp from upper contact to 1227m, followed by trace disseminated sulfides within groundmass. Sections of Na-alt within plag gives rock lighter appearance. From 1235-1252m, minor x-cutting pegatite pods observed, but no continuity and trace sulfides hosted within. From 1261m onwards, alteration decreases and classic purple colour NOR becomes more apparent.</p>			HH21-106139	ASSAY	TB21227153	1223.00	1224.00	1.00	0.670	0.103	0.057	0.026	0.051	0.007
			HH21-106140	ASSAY	TB21227153	1224.00	1225.00	1.00	0.700	0.107	0.060	0.044	0.040	0.006
			HH21-106142	ASSAY	TB21227153	1225.00	1226.00	1.00	1.140	0.171	0.083	0.035	0.058	0.007
			HH21-106143	ASSAY	TB21227153	1226.00	1227.00	1.00	0.631	0.081	0.037	0.026	0.039	0.005
			HH21-106144	ASSAY	TB21227153	1227.00	1228.00	1.00	0.193	0.024	0.010	0.014	0.032	0.005
			HH21-106145	ASSAY	TB21227153	1228.00	1229.00	1.00	0.159	0.017	0.006	0.008	0.031	0.005
			HH21-106146	ASSAY	TB21227153	1229.00	1230.00	1.00	0.003	0.003	0.001	0.007	0.033	0.006
			HH21-106147	ASSAY	TB21227153	1230.00	1231.00	1.00	0.001	0.003	0.001	0.007	0.031	0.005
			HH21-106148	ASSAY	TB21227153	1231.00	1232.00	1.00	0.004	0.003	0.001	0.007	0.031	0.005
			HH21-106149	ASSAY	TB21227153	1232.00	1233.00	1.00	0.064	0.012	0.005	0.012	0.036	0.005
			HH21-106150	ASSAY	TB21227153	1233.00	1234.00	1.00	0.016	0.005	0.002	0.010	0.038	0.005
			HH21-106152	ASSAY	TB21227153	1234.00	1235.00	1.00	0.002	0.003	0.001	0.008	0.034	0.006
			HH21-106153	ASSAY	TB21227153	1235.00	1236.00	1.00	0.033	0.003	0.004	0.007	0.034	0.006
			HH21-106154	ASSAY	TB21227153	1236.00	1237.00	1.00	0.098	0.012	0.005	0.015	0.037	0.006
			HH21-106155	ASSAY	TB21227153	1237.00	1238.00	1.00	0.006	0.003	0.001	0.008	0.031	0.005
			HH21-106156	ASSAY	TB21227153	1238.00	1239.00	1.00	0.010	0.003	0.001	0.006	0.028	0.004
			HH21-106157	ASSAY	TB21227153	1239.00	1240.00	1.00	0.004	0.003	0.002	0.012	0.039	0.006
			HH21-106158	ASSAY	TB21227153	1240.00	1241.00	1.00	0.004	0.003	0.003	0.014	0.039	0.006
			HH21-106159	ASSAY	TB21227153	1241.00	1242.00	1.00	0.003	0.003	0.001	0.010	0.036	0.005
			HH21-106160	ASSAY	TB21227153	1242.00	1243.00	1.00	0.005	0.003	0.002	0.010	0.035	0.005
HH21-106161	ASSAY	TB21227153	1243.00	1244.00	1.00	0.037	0.003	0.003	0.009	0.034	0.005			
HH21-106162	ASSAY	TB21227153	1244.00	1245.00	1.00	0.090	0.016	0.031	0.039	0.061	0.007			
HH21-106163	ASSAY	TB21227153	1245.00	1246.00	1.00	0.043	0.008	0.014	0.021	0.043	0.006			
HH21-106164	ASSAY	TB21227153	1246.00	1247.00	1.00	0.015	0.005	0.004	0.011	0.036	0.006			
HH21-106165	ASSAY	TB21227153	1247.00	1248.00	1.00	0.002	0.003	0.002	0.008	0.032	0.005			
HH21-106166	ASSAY	TB21227153	1248.00	1249.00	1.00	0.002	0.003	0.002	0.007	0.030	0.005			
HH21-106168	ASSAY	TB21227153	1249.00	1250.00	1.00	0.026	0.005	0.003	0.007	0.033	0.005			
HH21-106169	ASSAY	TB21227153	1250.00	1251.00	1.00	0.203	0.023	0.019	0.018	0.042	0.007			
HH21-106170	ASSAY	TB21227153	1251.00	1252.00	1.00	0.135	0.025	0.015	0.020	0.045	0.007			
HH21-106171	ASSAY	TB21227153	1252.00	1253.00	1.00	0.181	0.033	0.009	0.007	0.042	0.007			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106172	ASSAY	TB21227153	1253.00	1254.00	1.00	0.087	0.021	0.013	0.011	0.041	0.007
			HH21-106173	ASSAY	TB21227153	1254.00	1255.00	1.00	0.228	0.030	0.010	0.009	0.047	0.007
			HH21-106174	ASSAY	TB21227153	1255.00	1256.00	1.00	0.130	0.027	0.010	0.008	0.045	0.007
			HH21-106175	ASSAY	TB21227153	1256.00	1257.00	1.00	0.085	0.027	0.009	0.008	0.046	0.007
			HH21-106177	ASSAY	TB21227153	1257.00	1258.00	1.00	0.094	0.026	0.004	0.007	0.043	0.007
			HH21-106178	ASSAY	TB21227153	1258.00	1259.00	1.00	0.118	0.027	0.005	0.007	0.045	0.007
			HH21-106179	ASSAY	TB21227153	1259.00	1260.00	1.00	0.119	0.024	0.008	0.008	0.046	0.007
			HH21-106180	ASSAY	TB21227153	1260.00	1261.00	1.00	0.089	0.022	0.007	0.007	0.047	0.007
			HH21-106181	ASSAY	TB21227153	1261.00	1262.00	1.00	0.258	0.032	0.012	0.008	0.048	0.007
			HH21-106182	ASSAY	TB21227153	1262.00	1263.00	1.00	0.241	0.035	0.016	0.009	0.047	0.007
			HH21-106183	ASSAY	TB21227153	1263.00	1264.00	1.00	0.202	0.036	0.015	0.010	0.047	0.007
			HH21-106184	ASSAY	TB21227153	1264.00	1265.00	1.00	0.225	0.037	0.016	0.009	0.047	0.007
			HH21-106185	ASSAY	TB21227153	1265.00	1266.00	1.00	0.177	0.035	0.012	0.009	0.045	0.007
			HH21-106186	ASSAY	TB21227153	1266.00	1267.00	1.00	0.141	0.030	0.009	0.009	0.045	0.007
			HH21-106188	ASSAY	TB21230598	1267.00	1268.00	1.00	0.168	0.030	0.010	0.009	0.047	0.007
			HH21-106189	ASSAY	TB21230598	1268.00	1269.00	1.00	0.270	0.039	0.015	0.010	0.046	0.006
			HH21-106190	ASSAY	TB21230598	1269.00	1270.00	1.00	0.350	0.050	0.030	0.012	0.050	0.007
			HH21-106191	ASSAY	TB21230598	1270.00	1271.00	1.00	0.312	0.055	0.028	0.011	0.049	0.007
			HH21-106192	ASSAY	TB21230598	1271.00	1272.00	1.00	0.553	0.058	0.039	0.014	0.056	0.007
			HH21-106193	ASSAY	TB21230598	1272.00	1273.00	1.00	0.177	0.032	0.016	0.009	0.047	0.006
			HH21-106194	ASSAY	TB21230598	1273.00	1274.00	1.00	0.512	0.046	0.042	0.016	0.046	0.006
			HH21-106195	ASSAY	TB21230598	1274.00	1275.00	1.00	0.230	0.039	0.014	0.008	0.050	0.007
			HH21-106196	ASSAY	TB21230598	1275.00	1276.00	1.00	0.372	0.045	0.038	0.025	0.059	0.008
			HH21-106197	ASSAY	TB21230598	1276.00	1277.05	1.05	0.534	0.075	0.045	0.023	0.061	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,277.05	1,289.76	GAB-Vt	HH21-106198	ASSAY	TB21230598	1277.05	1278.00	0.95	0.767	0.104	0.097	0.024	0.052	0.007
GAB-Vt: Light to dark green colour, mg-cg groundmass with x-cutting pegmatite pods/veins, weak to moderate Chl-Act-Na alt, <0.5% fg-mg blebby Po-Py-Ccp dominantly hosted within pegmatite. Sections of mg GAB to NOR within unit, with lower contact marked by dominantly mg GAB and minor x-cutting pegmatite.			HH21-106199	ASSAY	TB21230598	1278.00	1279.00	1.00	1.740	0.245	0.174	0.070	0.079	0.009
			HH21-106200	ASSAY	TB21230598	1279.00	1280.00	1.00	1.000	0.102	0.114	0.047	0.058	0.006
			HH21-106201	ASSAY	TB21230598	1280.00	1281.00	1.00	0.942	0.112	0.068	0.039	0.051	0.006
			HH21-106202	ASSAY	TB21230598	1281.00	1282.00	1.00	1.120	0.089	0.108	0.036	0.044	0.005
			HH21-106203	ASSAY	TB21230598	1282.00	1283.00	1.00	2.370	0.228	0.054	0.031	0.075	0.006
			HH21-106204	ASSAY	TB21230598	1283.00	1284.00	1.00	0.034	0.005	0.014	0.016	0.032	0.005
			HH21-106205	ASSAY	TB21230598	1284.00	1285.00	1.00	0.219	0.048	0.016	0.020	0.050	0.009
			HH21-106207	ASSAY	TB21230598	1285.00	1286.00	1.00	0.067	0.010	0.010	0.013	0.030	0.005
			HH21-106208	ASSAY	TB21230598	1286.00	1287.00	1.00	0.043	0.005	0.017	0.017	0.031	0.005
			HH21-106209	ASSAY	TB21230598	1287.00	1288.00	1.00	0.018	0.003	0.010	0.014	0.040	0.005
			HH21-106210	ASSAY	TB21230598	1288.00	1289.00	1.00	0.097	0.015	0.019	0.022	0.047	0.006
			HH21-106211	ASSAY	TB21230598	1289.00	1289.76	0.76	1.120	0.150	0.034	0.037	0.048	0.006
			1,289.76	1,304.64	GAB	HH21-106212	ASSAY	TB21230598	1289.76	1291.00	1.24	0.004	0.003	0.007
GAB: Light to dark green colour, moderate Chl-Act alt, mg groundmass of 50/50 Pl-Pyrx composition, minor x-cutting pegmatite veins, 0.1% f.g disseminated Py-Po-Ccp. From 1300m to lower contact, plag content increases along with Na-alt. Rare x-cutting TON veinlets.			HH21-106213	ASSAY	TB21230598	1291.00	1292.00	1.00	0.001	0.003	0.009	0.017	0.034	0.006
			HH21-106214	ASSAY	TB21230598	1292.00	1293.00	1.00	0.007	0.003	0.008	0.021	0.052	0.006
			HH21-106215	ASSAY	TB21230598	1293.00	1294.00	1.00	0.010	0.003	0.003	0.016	0.040	0.006
			HH21-106216	ASSAY	TB21230598	1294.00	1295.00	1.00	0.008	0.003	0.005	0.014	0.038	0.006
			HH21-106217	ASSAY	TB21230598	1295.00	1296.00	1.00	0.004	0.003	0.011	0.022	0.038	0.006
			HH21-106218	ASSAY	TB21230598	1296.00	1297.00	1.00	0.001	0.003	0.002	0.010	0.033	0.006
			HH21-106219	ASSAY	TB21230598	1297.00	1298.00	1.00	0.010	0.003	0.006	0.019	0.035	0.006
			HH21-106221	ASSAY	TB21230598	1298.00	1299.00	1.00	0.003	0.003	0.004	0.015	0.034	0.005
			HH21-106222	ASSAY	TB21230598	1299.00	1300.00	1.00	0.008	0.003	0.007	0.013	0.032	0.005
			HH21-106223	ASSAY	TB21230598	1300.00	1301.00	1.00	0.004	0.003	0.005	0.010	0.033	0.005
			HH21-106224	ASSAY	TB21230598	1301.00	1302.00	1.00	0.537	0.073	0.032	0.029	0.044	0.006
			HH21-106225	ASSAY	TB21230598	1302.00	1303.00	1.00	0.057	0.007	0.018	0.033	0.044	0.007
			HH21-106226	ASSAY	TB21230598	1303.00	1304.00	1.00	0.016	0.003	0.008	0.018	0.037	0.007
			HH21-106227	ASSAY	TB21230598	1304.00	1304.64	0.64	0.091	0.012	0.006	0.015	0.039	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,304.64	1,306.17	DIKE-Mafic	HH21-106228	ASSAY	TB21230598	1304.64	1305.28	0.64	0.226	0.030	0.007	0.010	0.032	0.005
		Dike-Mafic: Black-grey colour, aphanitic groundmass, shallow contacts at 10 DTCA, GAB xeno's hosted within, trace Py mineralization.	HH21-106229	ASSAY	TB21230598	1305.28	1306.17	0.89	0.299	0.036	0.007	0.010	0.034	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,306.17	1,336.95	GAB-Vt	HH21-106230	ASSAY	TB21230598	1306.17	1307.00	0.83	0.403	0.047	0.011	0.014	0.032	0.005
		GAB-Vt: Light to dark green colour, mg-cg groundmass with minor pegmatitic sections, moderate Chl-Act alteration, <0.5% fg-mg disseminated to blebby Po-Ccp-Py. Approx. 50/50 Pyrx-Pl composition,	HH21-106231	ASSAY	TB21230598	1307.00	1308.00	1.00	0.753	0.101	0.058	0.055	0.053	0.006
	HH21-106232		ASSAY	TB21230598	1308.00	1309.00	1.00	0.653	0.100	0.027	0.030	0.055	0.007	
	HH21-106233		ASSAY	TB21230598	1309.00	1310.00	1.00	0.011	0.003	0.010	0.014	0.035	0.006	
	HH21-106234		ASSAY	TB21230598	1310.00	1311.00	1.00	0.308	0.050	0.016	0.019	0.037	0.006	
	HH21-106235		ASSAY	TB21230598	1311.00	1312.00	1.00	0.010	0.003	0.007	0.011	0.033	0.007	
	HH21-106236		ASSAY	TB21230598	1312.00	1313.00	1.00	0.094	0.011	0.015	0.014	0.036	0.006	
	HH21-106238		ASSAY	TB21230598	1313.00	1314.00	1.00	0.018	0.003	0.007	0.011	0.035	0.007	
	HH21-106239		ASSAY	TB21230598	1314.00	1315.00	1.00	0.056	0.011	0.007	0.012	0.034	0.006	
	HH21-106240		ASSAY	TB21230598	1315.00	1316.00	1.00	0.002	0.003	0.010	0.014	0.032	0.006	
	HH21-106241		ASSAY	TB21230598	1316.00	1317.00	1.00	0.013	0.003	0.010	0.014	0.035	0.007	
	HH21-106242		ASSAY	TB21230598	1317.00	1318.00	1.00	0.218	0.030	0.021	0.022	0.036	0.006	
	HH21-106244		ASSAY	TB21230598	1318.00	1319.00	1.00	0.113	0.013	0.022	0.021	0.029	0.005	
	HH21-106245		ASSAY	TB21230598	1319.00	1320.00	1.00	0.144	0.015	0.013	0.015	0.026	0.004	
	HH21-106246		ASSAY	TB21230598	1320.00	1321.00	1.00	0.003	0.003	0.001	0.005	0.032	0.005	
	HH21-106247		ASSAY	TB21230598	1321.00	1322.00	1.00	0.002	0.003	0.003	0.012	0.034	0.006	
	HH21-106248		ASSAY	TB21230598	1322.00	1323.00	1.00	0.076	0.009	0.007	0.017	0.044	0.006	
	HH21-106249		ASSAY	TB21230598	1323.00	1324.00	1.00	0.013	0.003	0.005	0.016	0.037	0.006	
	HH21-106250		ASSAY	TB21230598	1324.00	1325.00	1.00	0.012	0.003	0.004	0.014	0.037	0.006	
	HH21-106251		ASSAY	TB21230598	1325.00	1326.00	1.00	0.001	0.003	0.004	0.013	0.038	0.007	
	HH21-106252		ASSAY	TB21230598	1326.00	1327.00	1.00	0.079	0.007	0.012	0.020	0.045	0.007	
	HH21-106253	ASSAY	TB21230598	1327.00	1328.00	1.00	0.031	0.003	0.007	0.014	0.039	0.007		
	HH21-106254	ASSAY	TB21230598	1328.00	1329.00	1.00	0.016	0.005	0.005	0.015	0.035	0.006		
	HH21-106255	ASSAY	TB21230598	1329.00	1330.00	1.00	0.026	0.003	0.006	0.015	0.036	0.007		
	HH21-106256	ASSAY	TB21230598	1330.00	1331.00	1.00	0.008	0.003	0.005	0.011	0.032	0.006		
	HH21-106257	ASSAY	TB21230598	1331.00	1332.00	1.00	0.010	0.003	0.008	0.016	0.031	0.006		
	HH21-106258	ASSAY	TB21230598	1332.00	1333.00	1.00	0.036	0.003	0.010	0.019	0.034	0.006		
	HH21-106259	ASSAY	TB21230598	1333.00	1333.84	0.84	0.040	0.007	0.009	0.020	0.035	0.006		
	HH21-106260	ASSAY	TB21230598	1333.84	1335.00	1.16	0.005	0.003	0.001	0.008	0.019	0.004		
	HH21-106261	ASSAY	TB21230598	1335.00	1336.00	1.00	0.011	0.003	0.003	0.021	0.041	0.006		
	HH21-106263	ASSAY	TB21230598	1336.00	1336.95	0.95	0.052	0.010	0.012	0.034	0.044	0.006		

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,336.95	1,367.91	NOR	HH21-106264	ASSAY	TB21230598	1336.95	1338.00	1.05	0.044	0.003	0.010	0.021	0.053	0.008
NOR: Greenish-grey. Mg groundmass with 60/40 Pyrx-pl composition with few cm-sized GAB-Vt Intervals. Chl-Act alteration. Weakly mineralized (disseminated traces of cpy+py)			HH21-106266	ASSAY	TB21230599	1338.00	1339.00	1.00	0.006	0.003	0.001	0.012	0.039	0.007
			HH21-106267	ASSAY	TB21230599	1339.00	1340.00	1.00	0.015	0.003	0.180	0.012	0.037	0.006
			HH21-106268	ASSAY	TB21230599	1340.00	1341.00	1.00	0.034	0.003	0.030	0.008	0.042	0.007
			HH21-106269	ASSAY	TB21230599	1341.00	1342.00	1.00	0.002	0.003	0.011	0.007	0.037	0.007
Cross-cut by pegmatic veins from 1338.87-1339.10m, 1348.58-1349.93m.			HH21-106270	ASSAY	TB21230599	1342.00	1343.00	1.00	0.001	0.003	0.006	0.009	0.037	0.007
			HH21-106271	ASSAY	TB21230599	1343.00	1344.00	1.00	0.001	0.003	0.005	0.012	0.037	0.007
Abrupt change at its lower contact where an increase in plagioclase content is noted. The contact angle is around 50 degrees.			HH21-106272	ASSAY	TB21230599	1344.00	1345.00	1.00	0.001	0.003	0.002	0.010	0.041	0.007
			HH21-106273	ASSAY	TB21230599	1345.00	1346.00	1.00	0.021	0.003	0.012	0.028	0.041	0.007
			HH21-106274	ASSAY	TB21230599	1346.00	1347.00	1.00	0.060	0.006	0.002	0.008	0.040	0.007
			HH21-106275	ASSAY	TB21230599	1347.00	1348.00	1.00	0.007	0.003	0.003	0.010	0.040	0.007
			HH21-106276	ASSAY	TB21230599	1348.00	1349.00	1.00	0.011	0.003	0.001	0.006	0.031	0.005
			HH21-106277	ASSAY	TB21230599	1349.00	1350.00	1.00	0.057	0.006	0.004	0.009	0.040	0.007
			HH21-106278	ASSAY	TB21230599	1350.00	1351.00	1.00	0.012	0.005	0.013	0.007	0.040	0.007
			HH21-106279	ASSAY	TB21230599	1351.00	1352.00	1.00	0.044	0.009	0.010	0.008	0.040	0.007
			HH21-106281	ASSAY	TB21230599	1352.00	1353.00	1.00	0.018	0.006	0.010	0.004	0.037	0.006
			HH21-106282	ASSAY	TB21230599	1353.00	1354.00	1.00	0.001	0.003	0.007	0.007	0.039	0.007
			HH21-106283	ASSAY	TB21230599	1354.00	1355.00	1.00	0.003	0.003	0.005	0.008	0.038	0.007
			HH21-106284	ASSAY	TB21230599	1355.00	1356.00	1.00	0.081	0.008	0.006	0.012	0.044	0.007
			HH21-106285	ASSAY	TB21230599	1356.00	1357.00	1.00	0.011	0.003	0.003	0.009	0.039	0.007
			HH21-106286	ASSAY	TB21230599	1357.00	1358.00	1.00	0.002	0.003	0.005	0.009	0.038	0.007
			HH21-106287	ASSAY	TB21230599	1358.00	1359.00	1.00	0.061	0.006	0.005	0.009	0.040	0.007
			HH21-106288	ASSAY	TB21230599	1359.00	1360.00	1.00	0.001	0.003	0.001	0.010	0.040	0.007
HH21-106289	ASSAY	TB21230599	1360.00	1361.00	1.00	0.094	0.011	0.012	0.011	0.042	0.007			
HH21-106290	ASSAY	TB21230599	1361.00	1362.00	1.00	0.004	0.003	0.001	0.008	0.039	0.007			
HH21-106291	ASSAY	TB21230599	1362.00	1363.00	1.00	0.022	0.003	0.004	0.008	0.041	0.007			
HH21-106292	ASSAY	TB21230599	1363.00	1364.00	1.00	0.820	0.025	0.006	0.018	0.034	0.006			
HH21-106293	ASSAY	TB21230599	1364.00	1365.00	1.00	0.083	0.007	0.007	0.017	0.041	0.007			
HH21-106295	ASSAY	TB21230599	1365.00	1366.00	1.00	0.194	0.027	0.013	0.018	0.042	0.007			
HH21-106296	ASSAY	TB21230599	1366.00	1367.00	1.00	0.491	0.057	0.024	0.034	0.053	0.008			
HH21-106297	ASSAY	TB21230599	1367.00	1367.91	0.91	0.018	0.003	0.003	0.010	0.043	0.007			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,367.91	1,375.33	GAB-Vt	HH21-106298	ASSAY	TB21230599	1367.91	1369.00	1.09	0.212	0.024	0.011	0.016	0.028	0.005
		GABVT- Greenish-grey. Alternating fg and mg intervals. Traces disseminated of cpy+py. Cross-cut by a mafic dyke. Felsic pulses visible at the GABVT-dyke contacts.	HH21-106299	ASSAY	TB21230599	1369.00	1370.00	1.00	0.018	0.003	0.006	0.015	0.031	0.006
			HH21-106300	ASSAY	TB21230599	1370.00	1371.00	1.00	0.028	0.006	0.004	0.009	0.013	0.004
			HH21-106301	ASSAY	TB21230599	1371.00	1372.00	1.00	0.013	0.003	0.001	0.005	0.034	0.006
			HH21-106302	ASSAY	TB21230599	1372.00	1373.00	1.00	0.039	0.006	0.007	0.013	0.033	0.007
			HH21-106303	ASSAY	TB21230599	1373.00	1374.00	1.00	0.024	0.003	0.001	0.005	0.037	0.006
			HH21-106304	ASSAY	TB21230599	1374.00	1375.33	1.33	0.029	0.003	0.001	0.007	0.033	0.006
1,375.33	1,377.73		DIKE-Mafic	HH21-106305	ASSAY	TB21230599	1375.33	1376.00	0.67	0.008	0.003	0.003	0.020	0.002
		DIKE- Mafic dyke. fg. Sharp bottom contact.	HH21-106306	ASSAY	TB21230599	1376.00	1377.00	1.00	0.001	0.003	0.001	0.006	0.002	0.003
			HH21-106307	ASSAY	TB21230599	1377.00	1377.73	0.73	0.014	0.003	0.001	0.007	0.005	0.003
1,377.73	1,392.24	GAB-Vt	HH21-106309	ASSAY	TB21230599	1377.73	1379.00	1.27	0.016	0.003	0.007	0.018	0.036	0.007
		GAB- Greenish-grey. fg and mg intervals. Brecciated features (cm-sized felsic clasts) common at the interval 1380.65- 1381.07. Traces disseminated of cpy+py. Crossed-cut by mafic and intermediate mafic dykes.	HH21-106310	ASSAY	TB21230599	1379.00	1380.00	1.00	0.034	0.003	0.003	0.013	0.047	0.008
			HH21-106311	ASSAY	TB21230599	1380.00	1381.00	1.00	0.017	0.003	0.002	0.010	0.037	0.007
			HH21-106312	ASSAY	TB21230599	1381.00	1382.00	1.00	0.010	0.003	0.001	0.009	0.038	0.007
			HH21-106313	ASSAY	TB21230599	1382.00	1383.00	1.00	0.071	0.005	0.006	0.012	0.041	0.007
			HH21-106314	ASSAY	TB21230599	1383.00	1384.00	1.00	0.067	0.011	0.003	0.010	0.042	0.007
			HH21-106315	ASSAY	TB21230599	1384.00	1385.00	1.00	0.051	0.005	0.001	0.007	0.011	0.003
			HH21-106316	ASSAY	TB21230599	1385.00	1386.00	1.00	0.040	0.006	0.001	0.010	0.027	0.005
			HH21-106318	ASSAY	TB21230599	1386.00	1387.00	1.00	0.277	0.025	0.016	0.019	0.043	0.006
			HH21-106319	ASSAY	TB21230599	1387.00	1388.00	1.00	1.090	0.117	0.045	0.045	0.064	0.008
			HH21-106320	ASSAY	TB21230599	1388.00	1389.00	1.00	0.139	0.014	0.015	0.028	0.044	0.007
			HH21-106321	ASSAY	TB21230599	1389.00	1390.00	1.00	0.006	0.003	0.001	0.006	0.038	0.007
			HH21-106322	ASSAY	TB21230599	1390.00	1391.00	1.00	0.008	0.003	0.002	0.014	0.024	0.006
			HH21-106323	ASSAY	TB21230599	1391.00	1392.24	1.24	0.377	0.038	0.003	0.011	0.033	0.006
1,392.24	1,397.38		DIKE-Intermediate	HH21-106324	ASSAY	TB21230599	1392.24	1393.00	0.76	0.011	0.003	0.001	0.011	0.003
		DIKE- Intermediate to mafic. Moderate to dark green. fg. Few felsic clasts present. Sharp contacts.	HH21-106325	ASSAY	TB21230599	1393.00	1394.00	1.00	0.006	0.003	0.001	0.009	0.002	0.002
			HH21-106326	ASSAY	TB21230599	1394.00	1395.00	1.00	0.001	0.003	0.001	0.009	0.001	0.002
			HH21-106327	ASSAY	TB21230599	1395.00	1396.00	1.00	0.001	0.003	0.001	0.009	0.003	0.002
			HH21-106328	ASSAY	TB21230599	1396.00	1396.61	0.61	0.011	0.003	0.001	0.007	0.023	0.004
			HH21-106329	ASSAY	TB21230599	1396.61	1397.38	0.77	0.002	0.003	0.001	0.003	0.018	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,397.38	1,406.25	NOR	HH21-106330	ASSAY	TB21230599	1397.38	1398.10	0.72	0.027	0.003	0.001	0.012	0.044	0.006
NOR- Greenish-grey. Equigranular with approximately 60/40 Pyrx-pl. Mg. Chl-Act alteration. Short fg intervals cross-cut by Py-filled joints. Felsic veins locally observed.			HH21-106331	ASSAY	TB21230599	1398.10	1399.00	0.90	0.005	0.003	0.001	0.004	0.040	0.006
			HH21-106332	ASSAY	TB21230599	1399.00	1400.00	1.00	0.100	0.015	0.001	0.017	0.023	0.004
			HH21-106333	ASSAY	TB21230599	1400.00	1401.00	1.00	0.038	0.003	0.001	0.009	0.031	0.005
			HH21-106334	ASSAY	TB21230599	1401.00	1402.00	1.00	0.273	0.031	0.001	0.008	0.048	0.008
			HH21-106335	ASSAY	TB21230599	1402.00	1403.00	1.00	0.037	0.003	0.015	0.031	0.065	0.010
			HH21-106336	ASSAY	TB21230599	1403.00	1404.00	1.00	0.004	0.003	0.002	0.006	0.036	0.006
			HH21-106337	ASSAY	TB21230599	1404.00	1405.00	1.00	0.001	0.003	0.001	0.006	0.042	0.006
			HH21-106339	ASSAY	TB21230599	1405.00	1406.25	1.25	0.013	0.006	0.006	0.008	0.043	0.007
1,406.25	1,414.73	DIKE-Mafic	HH21-106340	ASSAY	TB21230599	1406.25	1407.00	0.75	0.003	0.003	0.001	0.009	0.006	0.003
DIKE- Mafic dyke. aphanatic. Sharp top and bottom contacts. Network of py-filled parallel joints at the interval 1409.80 - 1410.70			HH21-106341	ASSAY	TB21230599	1407.00	1408.00	1.00	0.001	0.003	0.001	0.006	0.002	0.002
			HH21-106342	ASSAY	TB21230599	1408.00	1409.00	1.00	0.001	0.003	0.001	0.006	0.002	0.002
			HH21-106344	ASSAY	TB21243888	1409.00	1410.00	1.00	0.001	0.003	0.001	0.014	0.003	0.003
			HH21-106345	ASSAY	TB21243888	1410.00	1411.00	1.00	0.011	0.003	0.020	0.088	0.006	0.003
			HH21-106346	ASSAY	TB21243888	1411.00	1412.00	1.00	0.001	0.003	0.001	0.005	0.002	0.002
			HH21-106347	ASSAY	TB21243888	1412.00	1413.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
			HH21-106348	ASSAY	TB21243888	1413.00	1414.00	1.00	0.001	0.003	0.001	0.017	0.002	0.003
			HH21-106349	ASSAY	TB21243888	1414.00	1414.73	0.73	0.001	0.003	0.001	0.012	0.006	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,414.73	1,441.54	NOR	HH21-106350	ASSAY	TB21243888	1414.73	1416.00	1.27	0.007	0.003	0.003	0.010	0.039	0.007
NOR- Greenish-grey. Equigranular. Mg with 60/40 Pyrx-pl composition. Chl-Act alteration. Small gabbroic sections(2-10 cm wide) occur within the unit. Sharp lower contact with the mafic dike. Trace sulfides occurring as fg disseminations and fracture infill.			HH21-106351	ASSAY	TB21243888	1416.00	1417.00	1.00	0.129	0.003	0.005	0.015	0.046	0.007
			HH21-106352	ASSAY	TB21243888	1417.00	1418.00	1.00	0.001	0.003	0.001	0.010	0.043	0.007
			HH21-106353	ASSAY	TB21243888	1418.00	1419.00	1.00	0.001	0.003	0.003	0.014	0.045	0.007
			HH21-106992	ASSAY	TB21243887	1419.00	1420.00	1.00	0.001	0.003	0.002	0.012	0.038	0.007
			HH21-106993	ASSAY	TB21243887	1420.00	1421.00	1.00	0.120	0.016	0.003	0.021	0.054	0.008
			HH21-106994	ASSAY	TB21243887	1421.00	1422.00	1.00	0.019	0.003	0.001	0.010	0.042	0.007
Tonalite dike occurring from 1430.5-1430.68.			HH21-106995	ASSAY	TB21243887	1422.00	1423.00	1.00	0.001	0.003	0.001	0.010	0.044	0.007
Fg int. dike occurring from 1432.48 - 1432.68 m.			HH21-106996	ASSAY	TB21243887	1423.00	1424.00	1.00	0.001	0.003	0.001	0.008	0.042	0.007
A fg section(mafic dike?) occurs from 1435.91-1436.58.			HH21-106997	ASSAY	TB21243887	1424.00	1425.00	1.00	0.001	0.003	0.001	0.008	0.042	0.007
			HH21-106998	ASSAY	TB21243887	1425.00	1426.00	1.00	0.001	0.003	0.001	0.008	0.039	0.007
			HH21-107000	ASSAY	TB21243887	1426.00	1427.00	1.00	0.001	0.003	0.001	0.010	0.044	0.007
			HH21-107001	ASSAY	TB21243887	1427.00	1428.00	1.00	0.001	0.003	0.001	0.011	0.044	0.007
			HH21-107002	ASSAY	TB21243887	1428.00	1429.00	1.00	0.001	0.003	0.001	0.007	0.041	0.007
			HH21-107003	ASSAY	TB21243887	1429.00	1430.00	1.00	0.001	0.003	0.001	0.010	0.044	0.007
			HH21-107004	ASSAY	TB21243887	1430.00	1431.00	1.00	0.001	0.003	0.001	0.008	0.042	0.007
			HH21-107005	ASSAY	TB21243887	1431.00	1432.00	1.00	0.001	0.003	0.001	0.006	0.033	0.006
			HH21-107006	ASSAY	TB21243887	1432.00	1433.00	1.00	0.001	0.003	0.001	0.010	0.040	0.007
			HH21-107007	ASSAY	TB21243887	1433.00	1434.00	1.00	0.001	0.003	0.001	0.010	0.049	0.008
			HH21-107008	ASSAY	TB21243887	1434.00	1435.00	1.00	0.001	0.003	0.002	0.013	0.051	0.008
			HH21-107010	ASSAY	TB21243887	1435.00	1436.00	1.00	0.008	0.003	0.001	0.008	0.043	0.007
			HH21-107011	ASSAY	TB21243887	1436.00	1437.00	1.00	0.052	0.003	0.009	0.022	0.035	0.006
			HH21-107012	ASSAY	TB21243887	1437.00	1438.00	1.00	0.055	0.003	0.003	0.009	0.035	0.006
			HH21-107013	ASSAY	TB21243887	1438.00	1439.00	1.00	0.010	0.003	0.002	0.007	0.043	0.007
			HH21-107014	ASSAY	TB21243887	1439.00	1440.00	1.00	0.046	0.003	0.011	0.016	0.044	0.007
			HH21-107015	ASSAY	TB21243887	1440.00	1441.00	1.00	0.013	0.003	0.005	0.010	0.027	0.005
			HH21-107016	ASSAY	TB21243887	1441.00	1441.54	0.54	0.032	0.003	0.004	0.013	0.036	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,441.54	1,442.83	DIKE-Mafic	HH21-107017	ASSAY	TB21243887	1441.54	1442.83	1.29	0.016	0.003	0.001	0.007	0.010	0.004
Mafic Dike. Dark grey massive unit. Strongly magnetic. Sharp upper and lower contacts. 2% quartz stringer veins within. Trace pyrite occurring as fracture infill. Unit may be a fg diabase. Weakly silicious and chloritic.														
1,442.83	1,452.00	NOR	HH21-107018	ASSAY	TB21243887	1442.83	1444.00	1.17	0.002	0.003	0.001	0.003	0.048	0.008
NOR. Greenish-grey. Mostly medium grained with fg sections. 5% felsic intrusives within the unit.														
			HH21-107019	ASSAY	TB21243887	1444.00	1445.00	1.00	0.100	0.010	0.001	0.006	0.037	0.006
			HH21-107021	ASSAY	TB21243887	1445.00	1446.00	1.00	0.003	0.003	0.002	0.009	0.033	0.007
Sections of magnetic fg mafic dikes from 1444.13-1444.23 and 1445.0-1445.42.														
			HH21-107022	ASSAY	TB21243887	1446.00	1447.00	1.00	0.001	0.003	0.001	0.002	0.040	0.007
			HH21-107023	ASSAY	TB21243887	1447.00	1448.00	1.00	0.010	0.003	0.006	0.010	0.057	0.009
Gabbro sections from 1450.71-1451.15 and 1451.52-1452.														
			HH21-107024	ASSAY	TB21243887	1448.00	1449.00	1.00	0.073	0.008	0.005	0.008	0.052	0.008
			HH21-107025	ASSAY	TB21243887	1449.00	1450.00	1.00	0.003	0.003	0.003	0.004	0.049	0.008
Trace py and cpy occurring as fg disseminations and fracture infill. Magnetite likely occurring in the fg magnetic sections.														
			HH21-107026	ASSAY	TB21243887	1450.00	1451.00	1.00	0.071	0.008	0.007	0.010	0.047	0.008
			HH21-107027	ASSAY	TB21243887	1451.00	1452.00	1.00	0.262	0.029	0.028	0.049	0.054	0.008
EOH @1452 m.														

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	189.89	-60.64	EXSPRINT	O	
5.00	190.10	-60.66	EXSPRINT	O	
10.04	190.28	-60.47	EXSPRINT	O	
15.01	190.23	-60.40	EXSPRINT	O	
20.03	190.41	-60.38	EXSPRINT	O	
25.04	190.75	-60.31	EXSPRINT	O	
30.00	190.98	-60.24	EXSPRINT	O	
35.02	191.01	-60.26	EXSPRINT	O	
40.01	191.26	-60.21	EXSPRINT	O	
45.03	191.65	-60.24	EXSPRINT	O	
50.04	191.67	-60.29	EXSPRINT	O	
55.02	191.76	-60.33	EXSPRINT	O	
60.03	191.78	-60.33	EXSPRINT	O	
65.02	191.89	-60.26	EXSPRINT	O	
70.01	192.08	-60.28	EXSPRINT	O	
75.02	192.33	-60.29	EXSPRINT	O	
80.04	192.54	-60.30	EXSPRINT	O	
85.01	192.55	-60.30	EXSPRINT	O	
90.01	192.74	-60.26	EXSPRINT	O	
95.04	192.86	-60.28	EXSPRINT	O	
100.00	193.04	-60.29	EXSPRINT	O	
105.02	193.16	-60.33	EXSPRINT	O	
110.02	193.37	-60.37	EXSPRINT	O	
115.02	193.58	-60.30	EXSPRINT	O	
120.02	193.77	-60.35	EXSPRINT	O	
125.00	193.84	-60.34	EXSPRINT	O	
130.04	193.66	-60.53	EXSPRINT	O	
135.00	193.66	-60.47	EXSPRINT	O	
140.05	193.67	-60.51	EXSPRINT	O	
145.02	193.73	-60.52	EXSPRINT	O	
150.00	193.86	-60.61	EXSPRINT	O	
155.02	193.83	-60.59	EXSPRINT	O	
160.00	193.81	-60.67	EXSPRINT	O	
165.03	194.05	-60.77	EXSPRINT	O	
170.04	194.34	-60.77	EXSPRINT	O	
175.04	194.47	-60.82	EXSPRINT	O	
180.02	194.36	-60.81	EXSPRINT	O	

185.02	194.54	-60.91	EXSPRINT	O
190.01	194.63	-60.91	EXSPRINT	O
195.00	194.82	-60.95	EXSPRINT	O
200.01	194.86	-61.01	EXSPRINT	O
205.03	194.81	-61.01	EXSPRINT	O
210.01	195.08	-60.97	EXSPRINT	O
215.01	195.14	-61.01	EXSPRINT	O
220.03	195.18	-61.02	EXSPRINT	O
225.01	195.32	-60.99	EXSPRINT	O
230.02	195.27	-61.10	EXSPRINT	O
235.03	195.43	-61.16	EXSPRINT	O
240.02	195.42	-61.11	EXSPRINT	O
245.00	195.56	-61.17	EXSPRINT	O
250.04	195.72	-61.15	EXSPRINT	O
255.04	195.91	-61.13	EXSPRINT	O
260.04	195.98	-61.16	EXSPRINT	O
265.05	196.01	-61.18	EXSPRINT	O
270.01	195.98	-61.23	EXSPRINT	O
275.02	196.09	-61.22	EXSPRINT	O
280.04	196.30	-61.19	EXSPRINT	O
285.05	196.45	-61.23	EXSPRINT	O
290.05	196.31	-61.31	EXSPRINT	O
295.01	196.46	-61.20	EXSPRINT	O
300.05	196.63	-61.19	EXSPRINT	O
305.02	196.95	-61.09	EXSPRINT	O
310.04	197.07	-61.11	EXSPRINT	O
315.03	197.40	-61.13	EXSPRINT	O
320.04	197.46	-61.11	EXSPRINT	O
325.04	197.63	-61.16	EXSPRINT	O
330.03	197.69	-61.12	EXSPRINT	O
335.00	197.74	-61.11	EXSPRINT	O
340.02	197.92	-60.98	EXSPRINT	O
345.00	198.10	-61.02	EXSPRINT	O
350.02	198.29	-61.08	EXSPRINT	O
355.02	198.31	-61.09	EXSPRINT	O
360.01	198.32	-61.05	EXSPRINT	O
365.03	198.51	-61.06	EXSPRINT	O
370.03	198.59	-61.08	EXSPRINT	O
375.03	198.71	-61.04	EXSPRINT	O
380.02	198.73	-61.08	EXSPRINT	O

385.04	199.09	-61.08	EXSPRINT	O
390.00	198.99	-61.14	EXSPRINT	O
395.00	199.04	-61.13	EXSPRINT	O
400.03	199.03	-61.10	EXSPRINT	O
405.05	199.17	-61.13	EXSPRINT	O
410.02	199.24	-61.08	EXSPRINT	O
415.00	199.43	-61.08	EXSPRINT	O
420.04	199.29	-61.11	EXSPRINT	O
425.03	199.28	-61.16	EXSPRINT	O
430.02	199.30	-61.18	EXSPRINT	O
435.01	199.42	-61.21	EXSPRINT	O
440.02	199.57	-61.13	EXSPRINT	O
445.02	199.82	-61.13	EXSPRINT	O
450.00	199.93	-61.25	EXSPRINT	O
455.02	200.16	-61.29	EXSPRINT	O
460.00	200.22	-61.35	EXSPRINT	O
465.03	200.28	-61.33	EXSPRINT	O
470.04	200.52	-61.21	EXSPRINT	O
475.03	201.01	-61.20	EXSPRINT	O
480.03	200.84	-61.32	EXSPRINT	O
485.02	200.81	-61.42	EXSPRINT	O
490.02	200.80	-61.39	EXSPRINT	O
495.01	201.01	-61.40	EXSPRINT	O
500.01	201.06	-61.45	EXSPRINT	O
505.00	201.37	-61.31	EXSPRINT	O
510.03	201.29	-61.42	EXSPRINT	O
515.03	201.50	-61.32	EXSPRINT	O
520.03	201.49	-61.41	EXSPRINT	O
525.00	201.65	-61.38	EXSPRINT	O
530.03	201.78	-61.43	EXSPRINT	O
535.08	201.64	-61.45	EXSPRINT	O
540.01	201.66	-61.44	EXSPRINT	O
545.02	201.87	-61.44	EXSPRINT	O
550.00	201.98	-61.44	EXSPRINT	O
555.01	201.84	-61.41	EXSPRINT	O
560.05	201.80	-61.48	EXSPRINT	O
565.01	201.88	-61.50	EXSPRINT	O
570.00	202.15	-61.46	EXSPRINT	O
575.00	202.00	-61.44	EXSPRINT	O
580.04	202.04	-61.41	EXSPRINT	O

585.05	202.19	-61.39	EXSPRINT	O
590.03	201.97	-61.32	EXSPRINT	O
595.04	201.96	-61.35	EXSPRINT	O
600.03	202.06	-61.41	EXSPRINT	O
605.04	202.21	-61.54	EXSPRINT	O
610.01	202.31	-61.68	EXSPRINT	O
615.06	202.91	-61.87	EXSPRINT	O
620.00	203.25	-62.10	EXSPRINT	O
625.00	203.18	-62.16	EXSPRINT	O
630.01	203.32	-62.15	EXSPRINT	O
635.00	203.35	-62.13	EXSPRINT	O
640.02	203.38	-62.19	EXSPRINT	O
645.04	203.51	-62.26	EXSPRINT	O
650.03	203.92	-62.43	EXSPRINT	O
655.02	204.08	-62.73	EXSPRINT	O
660.04	204.49	-63.06	EXSPRINT	O
665.00	205.13	-63.41	EXSPRINT	O
670.04	206.18	-63.74	EXSPRINT	O
675.04	207.01	-64.03	EXSPRINT	O
680.00	206.91	-64.15	EXSPRINT	O
685.00	207.13	-64.39	EXSPRINT	O
690.01	207.25	-64.46	EXSPRINT	O
695.00	207.51	-64.36	EXSPRINT	O
700.02	207.22	-64.43	EXSPRINT	O
705.01	207.27	-64.52	EXSPRINT	O
710.02	207.23	-64.80	EXSPRINT	O
715.00	207.38	-64.99	EXSPRINT	O
720.05	207.50	-65.01	EXSPRINT	O
725.01	207.83	-64.81	EXSPRINT	O
730.04	208.12	-64.71	EXSPRINT	O
735.00	208.39	-64.68	EXSPRINT	O
740.05	208.30	-64.58	EXSPRINT	O
745.01	208.45	-64.64	EXSPRINT	O
750.03	208.49	-64.58	EXSPRINT	O
755.01	208.69	-64.56	EXSPRINT	O
760.01	208.85	-64.57	EXSPRINT	O
765.02	208.85	-64.59	EXSPRINT	O
770.03	209.07	-64.66	EXSPRINT	O
775.02	209.07	-64.59	EXSPRINT	O
780.02	209.11	-64.61	EXSPRINT	O

785.04	208.84	-64.58	EXSPRINT	O
790.03	209.09	-64.54	EXSPRINT	O
795.03	208.91	-64.54	EXSPRINT	O
800.00	208.86	-64.48	EXSPRINT	O
805.01	209.13	-64.42	EXSPRINT	O
810.07	209.33	-64.37	EXSPRINT	O
815.01	209.20	-64.32	EXSPRINT	O
820.11	209.08	-64.35	EXSPRINT	O
825.01	209.07	-64.41	EXSPRINT	O
830.04	209.04	-64.43	EXSPRINT	O
835.06	208.93	-64.30	EXSPRINT	O
840.00	209.34	-64.23	EXSPRINT	O
845.00	209.45	-64.21	EXSPRINT	O
850.01	209.56	-64.24	EXSPRINT	O
855.04	209.85	-64.24	EXSPRINT	O
860.01	209.86	-64.17	EXSPRINT	O
865.03	209.92	-64.07	EXSPRINT	O
870.03	209.86	-64.10	EXSPRINT	O
875.01	209.86	-64.04	EXSPRINT	O
880.01	210.16	-64.02	EXSPRINT	O
885.02	210.26	-64.01	EXSPRINT	O
890.04	210.24	-64.04	EXSPRINT	O
895.03	210.28	-64.03	EXSPRINT	O
900.01	210.52	-64.03	EXSPRINT	O
905.03	210.20	-64.02	EXSPRINT	O
910.02	210.55	-64.00	EXSPRINT	O
915.02	210.45	-64.01	EXSPRINT	O
920.01	210.58	-64.07	EXSPRINT	O
925.05	210.61	-63.95	EXSPRINT	O
930.02	210.66	-64.00	EXSPRINT	O
935.03	211.07	-64.06	EXSPRINT	O
940.02	211.07	-64.03	EXSPRINT	O
945.06	211.25	-64.06	EXSPRINT	O
950.02	211.43	-63.99	EXSPRINT	O
955.02	211.64	-63.93	EXSPRINT	O
960.04	211.50	-63.92	EXSPRINT	O
965.03	211.30	-63.84	EXSPRINT	O
970.04	211.28	-63.72	EXSPRINT	O
975.00	211.42	-63.64	EXSPRINT	O
980.01	211.39	-63.48	EXSPRINT	O

985.04	211.39	-63.50	EXSPRINT	O
990.05	211.42	-63.42	EXSPRINT	O
995.02	211.37	-63.43	EXSPRINT	O
1000.04	211.17	-63.38	EXSPRINT	O
1005.01	211.43	-63.31	EXSPRINT	O
1010.01	211.46	-63.33	EXSPRINT	O
1015.05	211.43	-63.27	EXSPRINT	O
1020.04	211.51	-63.24	EXSPRINT	O
1025.01	211.61	-63.26	EXSPRINT	O
1030.04	211.61	-63.26	EXSPRINT	O
1035.03	211.23	-63.26	EXSPRINT	O
1040.04	211.20	-63.24	EXSPRINT	O
1045.03	211.32	-63.28	EXSPRINT	O
1050.04	211.25	-63.20	EXSPRINT	O
1055.02	211.29	-63.22	EXSPRINT	O
1060.03	211.44	-63.18	EXSPRINT	O
1065.02	211.36	-63.13	EXSPRINT	O
1070.03	211.38	-63.14	EXSPRINT	O
1075.01	211.08	-63.07	EXSPRINT	O
1080.00	211.44	-63.13	EXSPRINT	O
1085.01	211.37	-62.81	EXSPRINT	O
1090.18	211.35	-63.11	EXSPRINT	O
1095.02	211.29	-63.00	EXSPRINT	O
1100.03	211.02	-62.95	EXSPRINT	O
1105.01	210.83	-62.85	EXSPRINT	O
1110.19	210.72	-62.79	EXSPRINT	O
1115.18	210.61	-62.73	EXSPRINT	O
1120.12	210.89	-62.77	EXSPRINT	O
1125.00	210.85	-62.75	EXSPRINT	O
1130.01	210.70	-62.71	EXSPRINT	O
1135.04	210.84	-62.67	EXSPRINT	O
1140.26	210.95	-62.68	EXSPRINT	O
1145.16	210.96	-62.63	EXSPRINT	O
1150.04	210.32	-62.58	EXSPRINT	O
1155.00	209.94	-62.43	EXSPRINT	O
1160.12	209.99	-62.52	EXSPRINT	O
1165.19	210.05	-62.49	EXSPRINT	O
1170.14	209.90	-62.47	EXSPRINT	O
1175.01	209.00	-62.15	EXSPRINT	O
1180.10	208.60	-62.18	EXSPRINT	O

1185.04	208.46	-62.14	EXSPRINT	O
1190.03	208.30	-62.04	EXSPRINT	O
1195.00	208.26	-62.12	EXSPRINT	O
1200.00	208.04	-62.09	EXSPRINT	O
1205.03	208.03	-62.02	EXSPRINT	O
1210.01	207.73	-61.89	EXSPRINT	O
1215.11	207.77	-61.81	EXSPRINT	O
1220.04	207.44	-61.74	EXSPRINT	O
1225.03	207.24	-61.64	EXSPRINT	O
1230.00	207.31	-61.56	EXSPRINT	O
1235.05	207.17	-61.54	EXSPRINT	O
1240.01	207.22	-61.46	EXSPRINT	O
1245.04	207.19	-61.44	EXSPRINT	O
1250.03	207.20	-61.35	EXSPRINT	O
1255.03	206.97	-61.28	EXSPRINT	O
1260.04	206.62	-61.14	EXSPRINT	O
1265.03	206.64	-61.04	EXSPRINT	O
1270.01	206.53	-61.01	EXSPRINT	O
1275.00	206.56	-60.87	EXSPRINT	O
1280.03	206.39	-60.75	EXSPRINT	O
1285.03	206.43	-60.75	EXSPRINT	O
1290.07	206.63	-60.64	EXSPRINT	O
1295.03	206.44	-60.62	EXSPRINT	O
1300.03	206.49	-60.60	EXSPRINT	O
1305.03	205.86	-60.42	EXSPRINT	O
1310.06	205.70	-60.31	EXSPRINT	O
1315.02	205.27	-60.24	EXSPRINT	O
1320.05	205.35	-60.01	EXSPRINT	O
1325.05	205.38	-59.88	EXSPRINT	O
1330.01	205.36	-59.84	EXSPRINT	O
1335.04	205.19	-59.67	EXSPRINT	O
1340.02	205.19	-59.59	EXSPRINT	O
1345.03	205.22	-59.45	EXSPRINT	O
1350.02	204.92	-58.96	EXSPRINT	O
1355.01	204.95	-58.90	EXSPRINT	O
1360.02	205.07	-58.77	EXSPRINT	O
1365.06	204.83	-58.41	EXSPRINT	O
1370.00	204.59	-58.10	EXSPRINT	O
1375.01	204.49	-57.85	EXSPRINT	O
1380.03	204.54	-57.55	EXSPRINT	O

Hole Number: **21-702Z**

Units: **METRIC**

1385.02	204.39	-57.25	EXSPRINT	O
1390.01	204.37	-57.13	EXSPRINT	O



**Detailed Log Report
Hole Number 21-704**

Project Name: LDI - Mine	Primary Coordinates Grid: MINE:	Hole Status: Completed
Project Code: LDI MINE	North: 31,840.29	Length: 1,401.00
Location:	East: 31,885.59	Hole Size: NQ
Start Date: Sep 30, 2021	Elev: -582.76	Hole Type: DDH
Completed Date: Nov 14, 2021	Collar Dip: -58.70	Casing: No
Contractor: G4 Forage Drilling	Collar Az: 189.61	Cemented: Yes
Core Storage: Lac des Iles Minesite-cross piles	Destination Coordinates Grid: UTM83-16	Collar Survey: N
Units: METRIC	North: 5,449,444.96	Plugged: N
Start Log: Oct 10, 2021	East: 309,248.70	Multishot Survey: N
End Log: Nov 16, 2021	Elev: -582.76	Pulse EM Survey: N
Logged By 1: Joseph W Suk	Claim: 252	EOH: 1,401.00
		Artesian Cond: No
		Abandon Reason:

Comments:

KM logged 1071-1401m depth

Detailed Lithology														
From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
0.00	16.43	GAB-Vt												
<p>GabVT. Moderate green with strong pervasive chl alt and local selective Na alt. Dominantly medium-grained with lesser (~5-10%) cg/peg phases. Nil to trace mineralization. Sharp lower contact into mafic dike.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
16.43	26.30	DIKE-Mafic												
<p>Mafic Dike. Dark grey and fine-grained. Strong foliation occurring at low angles ranging from 10-30 degrees TCA. The unit is strongly magnetic. No sulfides observed. Strong upper and lower contacts with the GabVt units; lower contact appears somewhat brecciated.</p> <p>Foliation: 20-21m 30 dtca; 23-24m 10 dtca</p>														
26.30	102.67	GAB-Vt												
<p>GabVT. Moderate green-grey and white. Moderate-strong pervasive chl alt and local selective Na alt. Dominantly fine-grained until 65 m. Blue quartz eyes observed spotted in sections(ex. @33.8m)</p> <p>Trace diss py and trace blebby po-cpy accross the unit. Moderate po/cpy mineralization occurring from 74-81 metres with upwards of 10% po and 2% cpy occurring from 77.8-78.45 m. Mineralization tends to favour cg phases or near contacts with mg/cg phases. Cg phases are moderately silicious. The unit is not foliated. Occasional felsic and intermediate dikes. An increase in tonalite dikes occurring from 82-97 m. Lower contact is gradational and is marked by a reduction in plag content.</p>														
102.67	118.27	NOR												
<p>Norite. Dark green-grey. Strongly chlorite altered. Fg-mg. Massive unit. Trace mineralization occurring as fg py and cpy blebs. Gradational lower contact observed by an increase in plag content and variable texture.</p> <p>Tonalite dike occurring from 108-108.35 m. Silicious interval from 109.64-110.19; slight mineralization increase within(diss cpy and py). Rare blue quartz eyes proximal to mineralization (example @112.6 m).</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
118.27	135.21	GAB-Vt GabVT. Dark green, light grey in colour. Fg-mg dominate with some cg sections. Strong chl alteration. The unit is more silicious from 132.3-133.9 m; increase in grain-size as well. Norite intervals intercolated within the unit as well. Mineralization occurring in pockets within the unit; occurring as fracture infill, blebs and intercumulus. Strong mineralization occurring from 122-122.4 m, upwards of 10% intercumulus pyrite and lesser blebby cpy and po. Gradational contacts.												
135.21	154.19	NOR Norite. Dark green-grey. Fg-mg, massive. Strong chlorite alteration. 1% quartz veins. Gradational contacts. Trace disseminated mineralization.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
154.19	367.50	GAB-Vt	HH21-107557	ASSAY	TB21277452	201.00	202.00	1.00	0.018	0.003	0.026	0.034	0.029	0.005
GabVT. Dark green, light grey with lesser local intervals of possible norite. Medium-grained dominate with some minor fg phases. Unit is moderately to strongly chlorite altered. 1-2% felsic intrusives occurring as tonalite dikes and quartz veins. Gradational upper contact. Mineralization occurring as fg-mg blebs po-cpy assemblage at upwards of 1% and 5% locally and trace intervals. Increase in tonalite dikes(5%) ~209m+. Lower contact marked where core becomes more purple and finer-grained+equigranular. possible weak contact ~60dtca			HH21-107558	ASSAY	TB21277452	202.00	203.00	1.00	0.150	0.018	0.029	0.045	0.036	0.005
			HH21-107559	ASSAY	TB21277452	203.00	204.00	1.00	0.116	0.024	0.029	0.060	0.042	0.006
			HH21-107560	ASSAY	TB21277452	204.00	205.00	1.00	0.128	0.015	0.034	0.061	0.035	0.005
			HH21-107561	ASSAY	TB21277452	205.00	206.00	1.00	0.356	0.038	0.053	0.058	0.057	0.006
			HH21-107562	ASSAY	TB21277452	206.00	207.00	1.00	0.136	0.027	0.019	0.029	0.046	0.005
			HH21-107563	ASSAY	TB21277452	207.00	208.00	1.00	0.201	0.025	0.038	0.071	0.043	0.006
			HH21-107564	ASSAY	TB21277452	208.00	209.00	1.00	0.368	0.050	0.051	0.051	0.057	0.006
			HH21-107565	ASSAY	TB21277452	209.00	210.00	1.00	0.437	0.044	0.058	0.055	0.067	0.006
			HH21-107566	ASSAY	TB21277452	210.00	211.00	1.00	0.165	0.022	0.027	0.040	0.045	0.005
			HH21-107567	ASSAY	TB21277452	211.00	212.00	1.00	0.085	0.024	0.010	0.026	0.036	0.005
			HH21-107568	ASSAY	TB21277452	212.00	213.00	1.00	0.089	0.014	0.014	0.022	0.032	0.005
			HH21-107570	ASSAY	TB21277452	213.00	214.00	1.00	0.054	0.013	0.009	0.022	0.032	0.005
			HH21-107571	ASSAY	TB21277452	214.00	215.00	1.00	0.036	0.008	0.004	0.013	0.029	0.005
			HH21-107572	ASSAY	TB21277452	215.00	216.00	1.00	0.109	0.012	0.009	0.014	0.029	0.005
			HH21-107573	ASSAY	TB21277452	216.00	217.00	1.00	0.030	0.010	0.004	0.015	0.028	0.005
			HH21-107575	ASSAY	TB21281307	217.00	218.00	1.00	0.023	0.009	0.004	0.015	0.032	0.005
			HH21-107576	ASSAY	TB21281307	218.00	219.00	1.00	0.149	0.024	0.008	0.017	0.031	0.005
			HH21-107577	ASSAY	TB21281307	219.00	220.00	1.00	0.055	0.016	0.007	0.021	0.034	0.005
			HH21-107578	ASSAY	TB21281307	220.00	221.00	1.00	0.102	0.027	0.014	0.040	0.038	0.006
			HH21-107579	ASSAY	TB21281307	221.00	222.00	1.00	0.041	0.011	0.006	0.015	0.034	0.005
HH21-107580	ASSAY	TB21281307	222.00	223.00	1.00	2.910	0.211	0.038	0.041	0.068	0.007			
HH21-107581	ASSAY	TB21281307	223.00	224.00	1.00	0.239	0.013	0.013	0.024	0.033	0.005			
HH21-107582	ASSAY	TB21281307	224.00	225.00	1.00	0.054	0.009	0.010	0.023	0.027	0.004			
HH21-107583	ASSAY	TB21281307	225.00	226.00	1.00	0.024	0.008	0.005	0.011	0.029	0.005			
HH21-107584	ASSAY	TB21281307	226.00	227.00	1.00	0.033	0.009	0.009	0.016	0.031	0.005			
HH21-107585	ASSAY	TB21281307	227.00	228.00	1.00	0.016	0.006	0.004	0.017	0.026	0.005			
HH21-107586	ASSAY	TB21281307	228.00	229.00	1.00	0.024	0.008	0.007	0.023	0.024	0.005			
HH21-107587	ASSAY	TB21281307	229.00	230.00	1.00	0.264	0.021	0.020	0.047	0.050	0.006			
HH21-107588	ASSAY	TB21281307	230.00	231.00	1.00	0.249	0.046	0.026	0.045	0.048	0.006			
HH21-107589	ASSAY	TB21281307	231.00	232.00	1.00	0.127	0.014	0.008	0.020	0.041	0.007			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107590	ASSAY	TB21281307	232.00	233.00	1.00	0.088	0.013	0.010	0.016	0.036	0.006
			HH21-107591	ASSAY	TB21281307	233.00	234.00	1.00	0.108	0.020	0.009	0.016	0.038	0.007
			HH21-107592	ASSAY	TB21281307	234.00	235.00	1.00	0.084	0.012	0.006	0.017	0.036	0.006
			HH21-107594	ASSAY	TB21281307	235.00	236.00	1.00	0.308	0.025	0.016	0.035	0.043	0.006
			HH21-107595	ASSAY	TB21281307	236.00	237.00	1.00	0.123	0.016	0.011	0.023	0.032	0.005
			HH21-107596	ASSAY	TB21281307	237.00	238.00	1.00	0.192	0.016	0.022	0.022	0.034	0.005
			HH21-107597	ASSAY	TB21281307	238.00	239.00	1.00	0.364	0.049	0.043	0.058	0.057	0.006
			HH21-107598	ASSAY	TB21281307	239.00	240.00	1.00	0.253	0.038	0.047	0.047	0.063	0.007
			HH21-107599	ASSAY	TB21281307	240.00	241.00	1.00	0.369	0.069	0.040	0.026	0.064	0.006
			HH21-107600	ASSAY	TB21281307	241.00	242.00	1.00	2.760	0.308	0.248	0.156	0.186	0.008
			HH21-107601	ASSAY	TB21281307	242.00	243.00	1.00	0.152	0.028	0.005	0.008	0.029	0.004
			HH21-107602	ASSAY	TB21281307	243.00	244.00	1.00	0.476	0.027	0.033	0.029	0.036	0.002
			HH21-107604	ASSAY	TB21281307	244.00	245.00	1.00	3.540	0.324	0.397	0.187	0.183	0.008
			HH21-107605	ASSAY	TB21281307	245.00	246.00	1.00	9.910	0.850	0.470	0.421	0.488	0.015
			HH21-107606	ASSAY	TB21281307	246.00	247.00	1.00	1.510	0.121	0.059	0.063	0.085	0.007
			HH21-107607	ASSAY	TB21281307	247.00	248.00	1.00	0.463	0.046	0.073	0.057	0.061	0.007
			HH21-107608	ASSAY	TB21281307	248.00	249.00	1.00	1.360	0.188	0.181	0.132	0.140	0.009
			HH21-107609	ASSAY	TB21281307	249.00	250.00	1.00	0.305	0.079	0.028	0.032	0.053	0.007
			HH21-107610	ASSAY	TB21281307	250.00	251.00	1.00	0.355	0.026	0.032	0.033	0.051	0.005
			HH21-107611	ASSAY	TB21281307	251.00	252.00	1.00	0.631	0.052	0.077	0.055	0.062	0.006
			HH21-107612	ASSAY	TB21281307	252.00	253.00	1.00	2.150	0.140	0.075	0.065	0.087	0.006
			HH21-107613	ASSAY	TB21281307	253.00	254.00	1.00	0.152	0.038	0.013	0.021	0.041	0.006
			HH21-107614	ASSAY	TB21281307	254.00	255.00	1.00	0.217	0.019	0.008	0.019	0.042	0.005
			HH21-107615	ASSAY	TB21281307	255.00	256.00	1.00	0.413	0.046	0.009	0.025	0.052	0.005
			HH21-107616	ASSAY	TB21281307	256.00	257.00	1.00	0.568	0.065	0.014	0.036	0.083	0.006
			HH21-107617	ASSAY	TB21281307	257.00	258.00	1.00	0.523	0.052	0.021	0.038	0.057	0.006
			HH21-107619	ASSAY	TB21281307	258.00	259.00	1.00	0.062	0.013	0.019	0.033	0.037	0.006
			HH21-107620	ASSAY	TB21281307	259.00	260.00	1.00	0.738	0.051	0.112	0.057	0.071	0.006
			HH21-107621	ASSAY	TB21281307	260.00	261.00	1.00	0.929	0.073	0.092	0.063	0.080	0.006
			HH21-107622	ASSAY	TB21281307	261.00	262.00	1.00	0.248	0.042	0.041	0.043	0.050	0.005
			HH21-107623	ASSAY	TB21281307	262.00	263.00	1.00	0.703	0.060	0.025	0.042	0.062	0.007
			HH21-107624	ASSAY	TB21281307	263.00	264.00	1.00	1.000	0.128	0.027	0.028	0.072	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107625	ASSAY	TB21281307	264.00	265.00	1.00	0.098	0.020	0.019	0.043	0.041	0.005
			HH21-107626	ASSAY	TB21281307	265.00	266.00	1.00	0.150	0.017	0.030	0.052	0.053	0.007
			HH21-107627	ASSAY	TB21281307	266.00	267.00	1.00	0.054	0.011	0.018	0.037	0.058	0.008
			HH21-107628	ASSAY	TB21281307	267.00	268.00	1.00	0.050	0.010	0.009	0.025	0.036	0.005
			HH21-107630	ASSAY	TB21281307	268.00	269.00	1.00	0.016	0.005	0.011	0.030	0.030	0.006
			HH21-107631	ASSAY	TB21281307	269.00	270.00	1.00	0.178	0.030	0.034	0.041	0.051	0.007
			HH21-107632	ASSAY	TB21281307	270.00	271.00	1.00	0.262	0.031	0.043	0.058	0.052	0.006
			HH21-107633	ASSAY	TB21281307	271.00	272.00	1.00	0.467	0.038	0.039	0.046	0.056	0.006
			HH21-107634	ASSAY	TB21281307	272.00	273.00	1.00	1.200	0.060	0.277	0.094	0.100	0.009
			HH21-107635	ASSAY	TB21281307	273.00	274.00	1.00	2.280	0.184	0.070	0.070	0.157	0.010
			HH21-107636	ASSAY	TB21281307	274.00	275.00	1.00	0.052	0.016	0.010	0.027	0.048	0.007
			HH21-107637	ASSAY	TB21281307	275.00	276.00	1.00	0.199	0.026	0.018	0.046	0.050	0.007
			HH21-107638	ASSAY	TB21281307	276.00	277.00	1.00	0.517	0.051	0.035	0.049	0.057	0.007
			HH21-107640	ASSAY	TB21281307	277.00	278.00	1.00	0.414	0.053	0.029	0.036	0.049	0.007
			HH21-107641	ASSAY	TB21281307	278.00	279.00	1.00	0.013	0.003	0.005	0.012	0.014	0.003
			HH21-107642	ASSAY	TB21281307	279.00	280.00	1.00	0.164	0.021	0.008	0.024	0.039	0.006
			HH21-107643	ASSAY	TB21281307	280.00	281.00	1.00	0.424	0.049	0.035	0.059	0.059	0.006
			HH21-107644	ASSAY	TB21281307	281.00	282.00	1.00	0.100	0.018	0.011	0.021	0.039	0.006
			HH21-107645	ASSAY	TB21281307	282.00	283.00	1.00	0.269	0.018	0.015	0.028	0.043	0.006
			HH21-107646	ASSAY	TB21281307	283.00	284.00	1.00	0.280	0.024	0.022	0.035	0.048	0.006
			HH21-107647	ASSAY	TB21281307	284.00	285.00	1.00	0.846	0.135	0.099	0.043	0.052	0.006
			HH21-107648	ASSAY	TB21281307	285.00	286.00	1.00	0.261	0.038	0.024	0.030	0.047	0.006
			HH21-107649	ASSAY	TB21281307	286.00	287.00	1.00	0.132	0.032	0.033	0.035	0.041	0.005
			HH21-107650	ASSAY	TB21281307	287.00	288.00	1.00	0.174	0.032	0.030	0.034	0.047	0.005
			HH21-107651	ASSAY	TB21281307	288.00	289.00	1.00	0.234	0.052	0.035	0.029	0.041	0.005
			HH21-107653	ASSAY	TB21281309	289.00	290.00	1.00	0.243	0.034	0.026	0.032	0.050	0.006
			HH21-107654	ASSAY	TB21281309	290.00	291.00	1.00	0.407	0.044	0.058	0.064	0.055	0.006
			HH21-107655	ASSAY	TB21281309	291.00	292.00	1.00	0.244	0.040	0.056	0.051	0.054	0.006
			HH21-107656	ASSAY	TB21281309	292.00	293.00	1.00	0.061	0.014	0.027	0.030	0.036	0.005
			HH21-107657	ASSAY	TB21281309	293.00	294.00	1.00	0.180	0.031	0.043	0.061	0.048	0.006
			HH21-107658	ASSAY	TB21281309	294.00	295.00	1.00	0.164	0.038	0.028	0.034	0.057	0.006
			HH21-107659	ASSAY	TB21281309	295.00	296.00	1.00	0.406	0.068	0.116	0.094	0.079	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107660	ASSAY	TB21281309	296.00	297.00	1.00	0.317	0.032	0.042	0.038	0.049	0.007
			HH21-107661	ASSAY	TB21281309	297.00	298.00	1.00	0.257	0.042	0.045	0.056	0.071	0.007
			HH21-107662	ASSAY	TB21281309	298.00	299.00	1.00	0.063	0.010	0.014	0.034	0.031	0.004
			HH21-107663	ASSAY	TB21281309	299.00	300.00	1.00	0.630	0.089	0.042	0.049	0.059	0.006
			HH21-107664	ASSAY	TB21281309	300.00	301.00	1.00	0.226	0.027	0.033	0.041	0.050	0.006
			HH21-107665	ASSAY	TB21281309	301.00	302.00	1.00	0.253	0.027	0.020	0.020	0.041	0.004
			HH21-107666	ASSAY	TB21281309	302.00	303.00	1.00	0.100	0.017	0.015	0.022	0.038	0.005
			HH21-107668	ASSAY	TB21281309	303.00	304.00	1.00	0.487	0.056	0.040	0.037	0.050	0.005
			HH21-107669	ASSAY	TB21281309	304.00	305.00	1.00	0.717	0.070	0.098	0.058	0.062	0.005
			HH21-107670	ASSAY	TB21281309	305.00	306.00	1.00	0.150	0.010	0.011	0.014	0.017	0.002
			HH21-107671	ASSAY	TB21281309	306.00	307.00	1.00	0.270	0.028	0.013	0.019	0.034	0.005
			HH21-107672	ASSAY	TB21281309	307.00	308.00	1.00	0.201	0.017	0.025	0.030	0.040	0.005
			HH21-107673	ASSAY	TB21281309	308.00	309.00	1.00	0.226	0.018	0.027	0.029	0.033	0.005
			HH21-107674	ASSAY	TB21281309	309.00	310.00	1.00	1.600	0.224	0.343	0.193	0.150	0.008
			HH21-107675	ASSAY	TB21281309	310.00	311.00	1.00	0.855	0.148	0.139	0.168	0.153	0.008
			HH21-107676	ASSAY	TB21281309	311.00	312.00	1.00	0.164	0.026	0.022	0.047	0.030	0.002
			HH21-107677	ASSAY	TB21281309	312.00	313.00	1.00	0.996	0.117	0.120	0.177	0.132	0.007
			HH21-107678	ASSAY	TB21281309	313.00	314.00	1.00	0.988	0.183	0.126	0.118	0.106	0.007
			HH21-107679	ASSAY	TB21281309	314.00	315.00	1.00	0.962	0.160	0.174	0.124	0.112	0.007
			HH21-107680	ASSAY	TB21281309	315.00	316.00	1.00	0.906	0.123	0.097	0.084	0.091	0.006
			HH21-107681	ASSAY	TB21281309	316.00	317.00	1.00	1.075	0.146	0.076	0.075	0.081	0.006
			HH21-107682	ASSAY	TB21281309	317.00	318.00	1.00	0.793	0.076	0.046	0.067	0.075	0.005
			HH21-107683	ASSAY	TB21281309	318.00	319.00	1.00	0.668	0.112	0.091	0.091	0.075	0.006
			HH21-107685	ASSAY	TB21281309	319.00	320.00	1.00	0.017	0.003	0.013	0.016	0.023	0.005
			HH21-107686	ASSAY	TB21281309	320.00	321.00	1.00	0.024	0.003	0.008	0.014	0.021	0.004
			HH21-107687	ASSAY	TB21281309	321.00	322.00	1.00	0.077	0.008	0.019	0.034	0.042	0.006
			HH21-107688	ASSAY	TB21281309	322.00	323.00	1.00	0.005	0.003	0.008	0.018	0.025	0.005
			HH21-107689	ASSAY	TB21281309	323.00	324.00	1.00	0.011	0.003	0.006	0.012	0.021	0.005
			HH21-107691	ASSAY	TB21281309	324.00	325.00	1.00	0.004	0.003	0.005	0.012	0.024	0.005
			HH21-107692	ASSAY	TB21281309	325.00	326.00	1.00	0.007	0.003	0.007	0.016	0.021	0.005
			HH21-107693	ASSAY	TB21281309	326.00	327.00	1.00	0.004	0.003	0.005	0.012	0.022	0.005
			HH21-107694	ASSAY	TB21281309	327.00	328.00	1.00	0.019	0.007	0.024	0.035	0.029	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107695	ASSAY	TB21281309	328.00	329.00	1.00	0.020	0.003	0.025	0.034	0.033	0.006
			HH21-107696	ASSAY	TB21281309	329.00	330.00	1.00	0.087	0.027	0.013	0.021	0.031	0.006
			HH21-107697	ASSAY	TB21281309	330.00	331.00	1.00	0.286	0.045	0.016	0.021	0.036	0.006
			HH21-107698	ASSAY	TB21281309	331.00	332.00	1.00	0.137	0.023	0.027	0.037	0.036	0.006
			HH21-107699	ASSAY	TB21281309	332.00	333.00	1.00	0.005	0.003	0.006	0.014	0.019	0.004
			HH21-107700	ASSAY	TB21281309	333.00	334.00	1.00	0.006	0.003	0.007	0.015	0.023	0.005
			HH21-107701	ASSAY	TB21281309	334.00	335.00	1.00	0.063	0.007	0.014	0.019	0.026	0.005
			HH21-107702	ASSAY	TB21281309	335.00	336.00	1.00	0.111	0.016	0.036	0.033	0.036	0.005
			HH21-107703	ASSAY	TB21281309	336.00	337.00	1.00	0.073	0.012	0.029	0.021	0.034	0.005
			HH21-107704	ASSAY	TB21281309	337.00	338.00	1.00	0.082	0.012	0.009	0.012	0.032	0.004
			HH21-107705	ASSAY	TB21281309	338.00	339.00	1.00	1.670	0.103	0.132	0.095	0.099	0.006
			HH21-107706	ASSAY	TB21281309	339.00	340.00	1.00	3.060	0.193	0.127	0.132	0.165	0.008
			HH21-107708	ASSAY	TB21281309	340.00	341.00	1.00	0.230	0.022	0.034	0.024	0.031	0.006
			HH21-107709	ASSAY	TB21281309	341.00	342.00	1.00	0.894	0.079	0.091	0.050	0.051	0.006
			HH21-107710	ASSAY	TB21281309	342.00	343.00	1.00	0.066	0.014	0.025	0.016	0.037	0.005
			HH21-107711	ASSAY	TB21281309	343.00	344.00	1.00	0.179	0.016	0.039	0.028	0.044	0.005
			HH21-107712	ASSAY	TB21281309	344.00	345.00	1.00	0.068	0.017	0.021	0.016	0.029	0.005
			HH21-107713	ASSAY	TB21281309	345.00	346.00	1.00	0.170	0.024	0.025	0.016	0.032	0.005
			HH21-107714	ASSAY	TB21281309	346.00	347.00	1.00	0.693	0.045	0.045	0.051	0.046	0.005
			HH21-107715	ASSAY	TB21281309	347.00	348.00	1.00	0.193	0.023	0.022	0.016	0.030	0.005
			HH21-107717	ASSAY	TB21281309	348.00	349.00	1.00	0.010	0.003	0.010	0.012	0.021	0.004
			HH21-107718	ASSAY	TB21281309	349.00	350.00	1.00	0.041	0.010	0.012	0.015	0.025	0.005
			HH21-107719	ASSAY	TB21281309	350.00	351.00	1.00	0.550	0.048	0.147	0.042	0.039	0.005
			HH21-107720	ASSAY	TB21281309	351.00	352.00	1.00	0.780	0.063	0.049	0.055	0.058	0.007
			HH21-107721	ASSAY	TB21281309	352.00	353.00	1.00	0.730	0.086	0.028	0.016	0.037	0.006
			HH21-107722	ASSAY	TB21281309	353.00	354.00	1.00	0.114	0.018	0.025	0.019	0.035	0.007
			HH21-107723	ASSAY	TB21281309	354.00	355.00	1.00	0.030	0.013	0.012	0.011	0.025	0.005
			HH21-107724	ASSAY	TB21281309	355.00	356.00	1.00	0.070	0.017	0.009	0.007	0.031	0.005
			HH21-107725	ASSAY	TB21281309	356.00	357.00	1.00	0.030	0.008	0.013	0.011	0.028	0.005
			HH21-107726	ASSAY	TB21281309	357.00	358.00	1.00	0.070	0.021	0.011	0.009	0.027	0.004
			HH21-107727	ASSAY	TB21281309	358.00	359.00	1.00	1.060	0.115	0.079	0.041	0.072	0.006
			HH21-107728	ASSAY	TB21281309	359.00	360.00	1.00	0.052	0.019	0.009	0.010	0.029	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107729	ASSAY	TB21281309	360.00	361.00	1.00	0.876	0.051	0.039	0.026	0.045	0.005
			HH21-107731	ASSAY	TB21281311	361.00	362.00	1.00	0.732	0.085	0.056	0.043	0.057	0.006
			HH21-107732	ASSAY	TB21281311	362.00	363.00	1.00	0.129	0.036	0.026	0.021	0.042	0.006
			HH21-107733	ASSAY	TB21281311	363.00	364.00	1.00	0.032	0.013	0.017	0.016	0.034	0.006
			HH21-107734	ASSAY	TB21281311	364.00	365.00	1.00	0.056	0.014	0.017	0.016	0.036	0.005
			HH21-107735	ASSAY	TB21281311	365.00	366.00	1.00	0.092	0.028	0.020	0.016	0.044	0.007
			HH21-107736	ASSAY	TB21281311	366.00	367.00	1.00	0.119	0.032	0.032	0.022	0.045	0.006
			HH21-107737	ASSAY	TB21281311	367.00	367.50	0.50	0.173	0.047	0.051	0.033	0.051	0.006
367.50	383.50	NOR												
		NOR -	HH21-107738	ASSAY	TB21281311	367.50	368.00	0.50	0.064	0.020	0.013	0.013	0.037	0.007
		Purple and green. Fine to medium-grained and	HH21-107739	ASSAY	TB21281311	368.00	369.00	1.00	0.050	0.012	0.011	0.012	0.035	0.006
		equigranular. Weak to strong pervasive chl-act alt.	HH21-107740	ASSAY	TB21281311	369.00	370.00	1.00	0.055	0.017	0.018	0.017	0.038	0.006
		Massive. Nil mineralization. Occasional felsic dike	HH21-107741	ASSAY	TB21281311	370.00	371.00	1.00	0.081	0.013	0.012	0.013	0.040	0.007
		consisting of plag-qtz-k crosscutting.	HH21-107742	ASSAY	TB21281311	371.00	372.00	1.00	0.094	0.019	0.016	0.016	0.046	0.007
		Arbitrary lower contact	HH21-107743	ASSAY	TB21281311	372.00	373.00	1.00	0.117	0.017	0.016	0.017	0.057	0.008
			HH21-107744	ASSAY	TB21281311	373.00	374.00	1.00	0.122	0.021	0.017	0.013	0.054	0.008
			HH21-107745	ASSAY	TB21281311	374.00	375.00	1.00	0.148	0.019	0.011	0.010	0.054	0.008
			HH21-107746	ASSAY	TB21281311	375.00	376.00	1.00	0.165	0.023	0.010	0.009	0.051	0.007
			HH21-107747	ASSAY	TB21281311	376.00	377.00	1.00	0.149	0.025	0.007	0.007	0.041	0.006
			HH21-107748	ASSAY	TB21281311	377.00	378.00	1.00	0.161	0.023	0.005	0.007	0.047	0.007
			HH21-107749	ASSAY	TB21281311	378.00	379.00	1.00	0.206	0.024	0.007	0.009	0.058	0.008
			HH21-107750	ASSAY	TB21281311	379.00	380.00	1.00	0.171	0.018	0.008	0.009	0.057	0.008
			HH21-107752	ASSAY	TB21281311	380.00	381.00	1.00	0.181	0.016	0.010	0.009	0.057	0.008
			HH21-107753	ASSAY	TB21281311	381.00	382.00	1.00	0.186	0.015	0.007	0.007	0.055	0.008
			HH21-107754	ASSAY	TB21281311	382.00	383.00	1.00	0.108	0.010	0.004	0.006	0.039	0.005
			HH21-107755	ASSAY	TB21281311	383.00	383.50	0.50	0.174	0.012	0.006	0.007	0.057	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
383.50	392.12	GAB-Vt	HH21-107756	ASSAY	TB21281311	383.50	384.00	0.50	0.057	0.013	0.004	0.006	0.040	0.005
		GAB-Vt - Green with white plag. Dominantly fine-grained with lesser medium-grained varitexture. Moderate-strong chl-act at. Weak Na alt. Massive. Nil mineralization. Sharp lower contact into a mafic dike.	HH21-107757	ASSAY	TB21281311	384.00	385.00	1.00	0.294	0.034	0.011	0.009	0.037	0.005
			HH21-107758	ASSAY	TB21281311	385.00	386.00	1.00	0.065	0.017	0.006	0.010	0.037	0.006
			HH21-107759	ASSAY	TB21281311	386.00	387.00	1.00	0.050	0.009	0.007	0.009	0.036	0.005
			HH21-107760	ASSAY	TB21281311	387.00	388.00	1.00	0.040	0.010	0.003	0.005	0.034	0.005
			HH21-107761	ASSAY	TB21281311	388.00	389.00	1.00	0.038	0.009	0.006	0.008	0.031	0.005
			HH21-107762	ASSAY	TB21281311	389.00	390.00	1.00	0.084	0.013	0.013	0.014	0.036	0.005
			HH21-107763	ASSAY	TB21281311	390.00	391.00	1.00	0.001	0.003	0.001	0.010	0.009	0.006
			HH21-107765	ASSAY	TB21281311	391.00	392.12	1.12	0.038	0.010	0.004	0.006	0.028	0.005
392.12	393.60	DIKE-Mafic	HH21-107766	ASSAY	TB21281311	392.12	392.86	0.74	0.004	0.003	0.006	0.021	0.006	0.003
		MAFIC DIKE - Black and dark green, fine-grained mafic dike. Foliated ~45dtca. Trace qtz-plag vl and felsic dikelets. Trace up to 0.5% diss/ff py mineralization. Weak fracture controlled chl alt. Sharp lower contact into norite.	HH21-107767	ASSAY	TB21281311	392.86	393.60	0.74	0.002	0.003	0.004	0.031	0.004	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
393.60	495.80	NOR	HH21-107768	ASSAY	TB21281311	393.60	395.00	1.40	0.039	0.013	0.005	0.006	0.029	0.004
		NORITE - Medium-grained and equigranular. Dominantly fresh norite with occasional texture changes typically proximal to felsic dikes. Weak to moderate chl-act alt (alt increases near dikes. Massive. Mostly nil-trace mineralization with local (<1m) increases up to ~1% blebby po-cpy. Trace felsic dikes and dikelets. Arbitrary lower contact.	HH21-107769	ASSAY	TB21281311	395.00	396.00	1.00	0.066	0.012	0.006	0.008	0.033	0.005
			HH21-107770	ASSAY	TB21281311	396.00	397.00	1.00	0.029	0.009	0.006	0.008	0.031	0.005
			HH21-107771	ASSAY	TB21281311	397.00	398.00	1.00	0.232	0.025	0.013	0.014	0.038	0.005
			HH21-107772	ASSAY	TB21281311	398.00	399.00	1.00	0.030	0.011	0.005	0.009	0.032	0.005
			HH21-107773	ASSAY	TB21281311	399.00	400.00	1.00	0.036	0.013	0.004	0.008	0.031	0.005
			HH21-107774	ASSAY	TB21281311	400.00	401.00	1.00	0.065	0.020	0.006	0.008	0.029	0.005
			HH21-107775	ASSAY	TB21281311	401.00	402.00	1.00	0.102	0.017	0.007	0.007	0.031	0.005
			HH21-107776	ASSAY	TB21281311	402.00	403.00	1.00	0.066	0.018	0.006	0.008	0.033	0.005
			HH21-107777	ASSAY	TB21281311	403.00	404.00	1.00	0.059	0.019	0.006	0.009	0.034	0.005
			HH21-107778	ASSAY	TB21281311	404.00	405.00	1.00	0.048	0.019	0.006	0.008	0.034	0.005
			HH21-107780	ASSAY	TB21281311	405.00	406.00	1.00	0.071	0.024	0.014	0.009	0.032	0.005
			HH21-107781	ASSAY	TB21281311	406.00	407.00	1.00	0.133	0.023	0.009	0.010	0.037	0.005
			HH21-107782	ASSAY	TB21281311	407.00	408.00	1.00	0.054	0.018	0.007	0.008	0.032	0.005
			HH21-107783	ASSAY	TB21281311	408.00	409.00	1.00	0.042	0.015	0.007	0.007	0.026	0.004
			HH21-107784	ASSAY	TB21281311	409.00	410.00	1.00	0.050	0.021	0.009	0.008	0.032	0.005
			HH21-107786	ASSAY	TB21281311	410.00	411.00	1.00	0.054	0.024	0.009	0.008	0.032	0.005
			HH21-107787	ASSAY	TB21281311	411.00	412.00	1.00	0.058	0.026	0.011	0.009	0.032	0.005
			HH21-107788	ASSAY	TB21281311	412.00	413.00	1.00	0.058	0.023	0.009	0.008	0.031	0.005
			HH21-107789	ASSAY	TB21281311	413.00	414.00	1.00	0.060	0.028	0.008	0.009	0.032	0.005
			HH21-107790	ASSAY	TB21281311	414.00	415.00	1.00	0.061	0.022	0.007	0.006	0.030	0.005
		HH21-107791	ASSAY	TB21281311	415.00	416.00	1.00	0.067	0.029	0.007	0.009	0.034	0.005	
		HH21-107792	ASSAY	TB21281311	416.00	417.00	1.00	0.067	0.030	0.010	0.008	0.034	0.005	
		HH21-107793	ASSAY	TB21281311	417.00	418.00	1.00	0.066	0.030	0.007	0.009	0.035	0.005	
		HH21-107794	ASSAY	TB21281311	418.00	419.00	1.00	0.067	0.030	0.008	0.008	0.035	0.005	
		HH21-107795	ASSAY	TB21281311	419.00	420.00	1.00	0.065	0.029	0.007	0.009	0.034	0.005	
		HH21-107796	ASSAY	TB21281311	420.00	421.00	1.00	0.061	0.029	0.012	0.009	0.034	0.005	
		HH21-107797	ASSAY	TB21281311	421.00	422.00	1.00	0.061	0.029	0.013	0.009	0.035	0.005	
		HH21-107798	ASSAY	TB21281311	422.00	423.00	1.00	0.056	0.025	0.012	0.009	0.034	0.005	
		HH21-107799	ASSAY	TB21281311	423.00	424.00	1.00	0.050	0.022	0.010	0.010	0.035	0.005	
		HH21-107800	ASSAY	TB21281311	424.00	425.00	1.00	0.115	0.048	0.005	0.010	0.042	0.006	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107801	ASSAY	TB21281311	425.00	426.00	1.00	0.107	0.039	0.004	0.008	0.042	0.006
			HH21-107802	ASSAY	TB21281311	426.00	427.00	1.00	0.064	0.024	0.004	0.009	0.041	0.006
			HH21-107803	ASSAY	TB21281311	427.00	428.00	1.00	0.071	0.018	0.004	0.008	0.039	0.005
			HH21-107805	ASSAY	TB21281311	428.00	429.00	1.00	0.038	0.011	0.005	0.008	0.039	0.005
			HH21-107806	ASSAY	TB21281311	429.00	430.00	1.00	0.044	0.014	0.005	0.008	0.039	0.005
			HH21-107807	ASSAY	TB21281311	430.00	431.00	1.00	0.154	0.022	0.011	0.009	0.037	0.005
			HH21-107809	ASSAY	TB21281300	431.00	432.00	1.00	0.552	0.042	0.017	0.016	0.048	0.007
			HH21-107810	ASSAY	TB21281300	432.00	433.00	1.00	0.099	0.022	0.007	0.008	0.037	0.005
			HH21-107811	ASSAY	TB21281300	433.00	434.00	1.00	0.170	0.038	0.009	0.008	0.037	0.005
			HH21-107812	ASSAY	TB21281300	434.00	435.00	1.00	0.155	0.040	0.010	0.010	0.040	0.006
			HH21-107813	ASSAY	TB21281300	435.00	436.00	1.00	0.174	0.039	0.010	0.010	0.038	0.006
			HH21-107814	ASSAY	TB21281300	436.00	437.00	1.00	0.171	0.049	0.012	0.011	0.045	0.007
			HH21-107815	ASSAY	TB21281300	437.00	438.00	1.00	0.187	0.052	0.013	0.009	0.046	0.007
			HH21-107816	ASSAY	TB21281300	438.00	439.00	1.00	0.234	0.067	0.007	0.008	0.045	0.006
			HH21-107817	ASSAY	TB21281300	439.00	440.00	1.00	0.192	0.061	0.008	0.009	0.043	0.006
			HH21-107818	ASSAY	TB21281300	440.00	441.00	1.00	0.227	0.053	0.014	0.009	0.043	0.006
			HH21-107819	ASSAY	TB21281300	441.00	442.00	1.00	0.625	0.101	0.049	0.028	0.055	0.007
			HH21-107820	ASSAY	TB21281300	442.00	443.00	1.00	0.145	0.058	0.006	0.010	0.038	0.006
			HH21-107821	ASSAY	TB21281300	443.00	444.00	1.00	0.141	0.055	0.007	0.010	0.036	0.006
			HH21-107822	ASSAY	TB21281300	444.00	445.00	1.00	0.154	0.058	0.007	0.008	0.036	0.006
			HH21-107823	ASSAY	TB21281300	445.00	446.00	1.00	0.157	0.056	0.007	0.009	0.036	0.006
			HH21-107824	ASSAY	TB21281300	446.00	447.00	1.00	0.156	0.060	0.007	0.009	0.033	0.005
			HH21-107826	ASSAY	TB21281300	447.00	448.00	1.00	0.194	0.068	0.011	0.010	0.031	0.005
			HH21-107827	ASSAY	TB21281300	448.00	449.00	1.00	0.207	0.050	0.017	0.015	0.035	0.005
			HH21-107828	ASSAY	TB21281300	449.00	450.00	1.00	0.354	0.062	0.123	0.053	0.057	0.006
			HH21-107829	ASSAY	TB21281300	450.00	451.00	1.00	0.165	0.033	0.034	0.022	0.042	0.006
			HH21-107830	ASSAY	TB21281300	451.00	452.00	1.00	0.079	0.026	0.011	0.012	0.035	0.006
			HH21-107832	ASSAY	TB21281300	452.00	453.00	1.00	0.080	0.023	0.008	0.010	0.036	0.006
			HH21-107833	ASSAY	TB21281300	453.00	454.00	1.00	0.087	0.024	0.009	0.010	0.034	0.005
			HH21-107834	ASSAY	TB21281300	454.00	455.00	1.00	0.106	0.025	0.013	0.015	0.036	0.006
			HH21-107835	ASSAY	TB21281300	455.00	456.00	1.00	0.129	0.033	0.011	0.010	0.035	0.006
			HH21-107836	ASSAY	TB21281300	456.00	457.00	1.00	0.124	0.034	0.009	0.009	0.036	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107837	ASSAY	TB21281300	457.00	458.00	1.00	0.101	0.034	0.005	0.008	0.033	0.005
			HH21-107838	ASSAY	TB21281300	458.00	459.00	1.00	0.106	0.034	0.013	0.011	0.036	0.005
			HH21-107839	ASSAY	TB21281300	459.00	460.00	1.00	0.109	0.040	0.009	0.009	0.035	0.006
			HH21-107840	ASSAY	TB21281300	460.00	461.00	1.00	0.140	0.049	0.010	0.009	0.036	0.006
			HH21-107841	ASSAY	TB21281300	461.00	462.00	1.00	0.143	0.050	0.010	0.009	0.036	0.006
			HH21-107842	ASSAY	TB21281300	462.00	463.00	1.00	0.136	0.058	0.010	0.009	0.035	0.006
			HH21-107843	ASSAY	TB21281300	463.00	464.00	1.00	0.140	0.063	0.010	0.009	0.037	0.006
			HH21-107844	ASSAY	TB21281300	464.00	465.00	1.00	0.139	0.061	0.008	0.009	0.040	0.006
			HH21-107845	ASSAY	TB21281300	465.00	466.00	1.00	0.136	0.061	0.007	0.009	0.040	0.006
			HH21-107846	ASSAY	TB21281300	466.00	467.00	1.00	0.128	0.052	0.008	0.009	0.043	0.007
			HH21-107847	ASSAY	TB21281300	467.00	468.00	1.00	0.112	0.041	0.009	0.009	0.047	0.007
			HH21-107848	ASSAY	TB21281300	468.00	469.00	1.00	0.108	0.037	0.013	0.011	0.047	0.007
			HH21-107849	ASSAY	TB21281300	469.00	470.00	1.00	0.103	0.037	0.007	0.006	0.042	0.006
			HH21-107850	ASSAY	TB21281300	470.00	471.00	1.00	0.142	0.051	0.015	0.010	0.047	0.006
			HH21-107851	ASSAY	TB21281300	471.00	472.00	1.00	0.288	0.044	0.027	0.018	0.061	0.008
			HH21-107852	ASSAY	TB21281300	472.00	473.00	1.00	0.218	0.032	0.012	0.008	0.051	0.007
			HH21-107853	ASSAY	TB21281300	473.00	474.00	1.00	0.222	0.030	0.013	0.010	0.053	0.008
			HH21-107854	ASSAY	TB21281300	474.00	475.00	1.00	0.223	0.031	0.012	0.010	0.053	0.008
			HH21-107856	ASSAY	TB21281300	475.00	476.00	1.00	1.560	0.158	0.197	0.102	0.129	0.009
			HH21-107857	ASSAY	TB21281300	476.00	477.00	1.00	0.165	0.053	0.021	0.016	0.047	0.007
			HH21-107858	ASSAY	TB21281300	477.00	478.00	1.00	1.020	0.132	0.061	0.044	0.070	0.008
			HH21-107859	ASSAY	TB21281300	478.00	479.00	1.00	0.769	0.065	0.058	0.037	0.067	0.008
			HH21-107860	ASSAY	TB21281300	479.00	480.00	1.00	0.307	0.050	0.024	0.018	0.058	0.008
			HH21-107861	ASSAY	TB21281300	480.00	481.00	1.00	0.325	0.047	0.029	0.020	0.060	0.008
			HH21-107862	ASSAY	TB21281300	481.00	482.00	1.00	0.223	0.037	0.013	0.011	0.058	0.008
			HH21-107863	ASSAY	TB21281300	482.00	483.00	1.00	0.264	0.042	0.030	0.019	0.064	0.008
			HH21-107864	ASSAY	TB21281300	483.00	484.00	1.00	0.217	0.034	0.017	0.010	0.057	0.008
			HH21-107866	ASSAY	TB21281300	484.00	485.00	1.00	0.308	0.037	0.022	0.016	0.061	0.007
			HH21-107867	ASSAY	TB21281300	485.00	486.00	1.00	0.175	0.026	0.016	0.009	0.050	0.007
			HH21-107868	ASSAY	TB21281300	486.00	487.00	1.00	0.227	0.031	0.020	0.011	0.052	0.007
			HH21-107869	ASSAY	TB21281300	487.00	488.00	1.00	0.163	0.022	0.021	0.008	0.048	0.006
			HH21-107870	ASSAY	TB21281300	488.00	489.00	1.00	0.104	0.021	0.025	0.013	0.045	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107871	ASSAY	TB21281300	489.00	490.00	1.00	0.107	0.019	0.018	0.009	0.046	0.006
			HH21-107872	ASSAY	TB21281300	490.00	491.00	1.00	0.114	0.019	0.010	0.010	0.046	0.006
			HH21-107873	ASSAY	TB21281300	491.00	492.00	1.00	0.334	0.034	0.021	0.015	0.046	0.006
			HH21-107874	ASSAY	TB21281300	492.00	493.00	1.00	0.525	0.056	0.024	0.015	0.047	0.005
			HH21-107875	ASSAY	TB21281300	493.00	494.00	1.00	0.712	0.075	0.081	0.034	0.071	0.007
			HH21-107876	ASSAY	TB21281300	494.00	495.00	1.00	0.220	0.025	0.026	0.016	0.054	0.007
			HH21-107877	ASSAY	TB21281300	495.00	495.80	0.80	0.732	0.068	0.113	0.035	0.066	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
495.80	554.15	GAB-Vt	HH21-107878	ASSAY	TB21281300	495.80	497.00	1.20	1.440	0.129	0.121	0.057	0.084	0.007
		GAB-Vt - Green and purple with white plag. Dominantly medium-grained with lesser coarse-grained and occasional leucocratic phases. Chl-act alteration ranges weak-strong. Moderate fracture filling/controlled carbonate alt in strain zone ~528.20-531.25m depth. Ranges in mineralization from trace up to local 2% blebby po-cpy-py+/-pn. Occasional felsic dikes and dikelets. A fracture/strain zone occurs ~528.20-531.25m depth with foliation ~50-60dtca. Possibly noritic composition after the fracture zone to ~537m depth. Nil mineralization hosted within fracture/strain zone. Sharp lower contact into felsic dike	HH21-107879	ASSAY	TB21281300	497.00	498.00	1.00	0.516	0.062	0.040	0.026	0.060	0.006
			HH21-107880	ASSAY	TB21281300	498.00	499.00	1.00	0.215	0.033	0.039	0.013	0.044	0.005
			HH21-107881	ASSAY	TB21281300	499.00	500.00	1.00	0.409	0.040	0.033	0.019	0.053	0.004
			HH21-107882	ASSAY	TB21281300	500.00	501.00	1.00	1.760	0.137	0.166	0.082	0.105	0.007
			HH21-107883	ASSAY	TB21281300	501.00	502.00	1.00	0.923	0.112	0.090	0.041	0.064	0.006
			HH21-107884	ASSAY	TB21281300	502.00	503.00	1.00	1.370	0.132	0.170	0.067	0.074	0.006
			HH21-107887	ASSAY	TB21281302	503.00	504.00	1.00	0.619	0.061	0.361	0.057	0.061	0.006
			HH21-107888	ASSAY	TB21281302	504.00	505.00	1.00	1.940	0.107	0.094	0.038	0.118	0.008
			HH21-107889	ASSAY	TB21281302	505.00	506.00	1.00	1.940	0.092	0.151	0.075	0.108	0.006
			HH21-107890	ASSAY	TB21281302	506.00	507.00	1.00	1.400	0.090	0.115	0.073	0.078	0.006
			HH21-107891	ASSAY	TB21281302	507.00	508.00	1.00	0.801	0.089	0.132	0.053	0.054	0.006
			HH21-107892	ASSAY	TB21281302	508.00	509.00	1.00	1.100	0.123	0.093	0.052	0.061	0.006
			HH21-107893	ASSAY	TB21281302	509.00	510.00	1.00	1.440	0.118	0.195	0.090	0.075	0.006
			HH21-107894	ASSAY	TB21281302	510.00	511.00	1.00	0.709	0.080	0.086	0.039	0.048	0.006
			HH21-107895	ASSAY	TB21281302	511.00	512.00	1.00	1.540	0.319	0.098	0.032	0.064	0.008
			HH21-107896	ASSAY	TB21281302	512.00	513.00	1.00	1.740	0.253	0.089	0.039	0.054	0.004
			HH21-107897	ASSAY	TB21281302	513.00	514.00	1.00	1.280	0.227	0.041	0.017	0.037	0.004
			HH21-107898	ASSAY	TB21281302	514.00	515.00	1.00	0.196	0.042	0.009	0.006	0.038	0.005
			HH21-107900	ASSAY	TB21281302	515.00	516.00	1.00	0.504	0.062	0.027	0.011	0.040	0.005
			HH21-107901	ASSAY	TB21281302	516.00	517.00	1.00	1.540	0.102	0.136	0.045	0.081	0.006
			HH21-107902	ASSAY	TB21281302	517.00	518.00	1.00	1.760	0.178	0.348	0.104	0.073	0.006
			HH21-107903	ASSAY	TB21281302	518.00	519.00	1.00	1.070	0.159	0.134	0.061	0.054	0.005
			HH21-107904	ASSAY	TB21281302	519.00	520.00	1.00	0.408	0.075	0.033	0.017	0.038	0.005
			HH21-107905	ASSAY	TB21281302	520.00	521.00	1.00	0.269	0.064	0.024	0.014	0.034	0.005
			HH21-107906	ASSAY	TB21281302	521.00	522.00	1.00	0.428	0.105	0.020	0.012	0.032	0.004
			HH21-107907	ASSAY	TB21281302	522.00	523.00	1.00	0.898	0.107	0.094	0.039	0.047	0.005
			HH21-107908	ASSAY	TB21281302	523.00	524.00	1.00	0.718	0.107	0.057	0.029	0.045	0.005
			HH21-107910	ASSAY	TB21281302	524.00	525.00	1.00	0.631	0.071	0.050	0.034	0.045	0.005
			HH21-107911	ASSAY	TB21281302	525.00	526.00	1.00	0.238	0.041	0.032	0.022	0.038	0.005
			HH21-107912	ASSAY	TB21281302	526.00	527.00	1.00	0.905	0.082	0.098	0.053	0.054	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107913	ASSAY	TB21281302	527.00	528.00	1.00	0.654	0.067	0.085	0.045	0.041	0.005
			HH21-107914	ASSAY	TB21281302	528.00	529.00	1.00	0.349	0.043	0.017	0.027	0.050	0.005
			HH21-107915	ASSAY	TB21281302	529.00	530.00	1.00	0.214	0.033	0.004	0.011	0.052	0.006
			HH21-107916	ASSAY	TB21281302	530.00	531.00	1.00	0.111	0.017	0.012	0.019	0.044	0.006
			HH21-107917	ASSAY	TB21281302	531.00	532.00	1.00	0.125	0.020	0.017	0.020	0.045	0.006
			HH21-107918	ASSAY	TB21281302	532.00	533.00	1.00	0.127	0.022	0.015	0.019	0.045	0.007
			HH21-107919	ASSAY	TB21281302	533.00	534.00	1.00	0.112	0.017	0.012	0.018	0.042	0.006
			HH21-107920	ASSAY	TB21281302	534.00	535.00	1.00	0.184	0.045	0.022	0.025	0.051	0.006
			HH21-107921	ASSAY	TB21281302	535.00	536.00	1.00	0.273	0.039	0.024	0.022	0.051	0.007
			HH21-107922	ASSAY	TB21281302	536.00	537.00	1.00	0.166	0.024	0.009	0.009	0.043	0.006
			HH21-107923	ASSAY	TB21281302	537.00	538.00	1.00	0.198	0.033	0.016	0.015	0.049	0.006
			HH21-107924	ASSAY	TB21281302	538.00	539.00	1.00	0.249	0.033	0.028	0.023	0.056	0.007
			HH21-107925	ASSAY	TB21281302	539.00	540.00	1.00	0.143	0.025	0.032	0.013	0.045	0.006
			HH21-107926	ASSAY	TB21281302	540.00	541.00	1.00	0.235	0.030	0.017	0.013	0.047	0.005
			HH21-107927	ASSAY	TB21281302	541.00	542.00	1.00	0.178	0.025	0.014	0.015	0.052	0.007
			HH21-107928	ASSAY	TB21281302	542.00	543.00	1.00	0.400	0.050	0.019	0.027	0.056	0.006
			HH21-107930	ASSAY	TB21281302	543.00	544.00	1.00	0.419	0.092	0.027	0.033	0.061	0.006
			HH21-107931	ASSAY	TB21281302	544.00	545.00	1.00	0.375	0.033	0.018	0.025	0.055	0.006
			HH21-107932	ASSAY	TB21281302	545.00	546.00	1.00	0.131	0.024	0.009	0.017	0.046	0.006
			HH21-107933	ASSAY	TB21281302	546.00	547.00	1.00	0.112	0.018	0.007	0.013	0.042	0.006
			HH21-107934	ASSAY	TB21281302	547.00	548.00	1.00	0.163	0.022	0.008	0.018	0.047	0.006
			HH21-107935	ASSAY	TB21281302	548.00	549.00	1.00	0.153	0.020	0.007	0.013	0.047	0.007
			HH21-107936	ASSAY	TB21281302	549.00	550.00	1.00	0.290	0.043	0.034	0.059	0.071	0.007
			HH21-107937	ASSAY	TB21281302	550.00	551.00	1.00	0.247	0.037	0.031	0.059	0.065	0.006
			HH21-107938	ASSAY	TB21281302	551.00	552.00	1.00	0.192	0.036	0.011	0.019	0.054	0.007
			HH21-107939	ASSAY	TB21281302	552.00	553.00	1.00	0.187	0.031	0.013	0.017	0.052	0.007
			HH21-107940	ASSAY	TB21281302	553.00	554.15	1.15	0.226	0.033	0.028	0.031	0.061	0.007
554.15	557.00	DIKE-Felsic	HH21-107941	ASSAY	TB21281302	554.15	555.00	0.85	0.013	0.003	0.001	0.006	0.003	0.001
FELSIC DIKE -			HH21-107942	ASSAY	TB21281302	555.00	556.00	1.00	0.001	0.003	0.001	0.005	0.001	0.001
Grey/black with trace pink. Fine-grained crowded subhedral-euhedral plag. Weak fracture-controlled hem alt. Trace to 0.5% ff/c py mineralization. Sharp lower contact.			HH21-107943	ASSAY	TB21281302	556.00	557.00	1.00	0.002	0.003	0.001	0.007	0.001	0.001

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
557.00	568.32	NOR	HH21-107944	ASSAY	TB21281302	557.00	558.00	1.00	0.124	0.020	0.005	0.011	0.046	0.007
ALTERED NORITE - Moderate green. Equigranular, medium-grained. Strong pervasive chl-act alt. Trace blebby py-po+/-cpy mineralization. Massive. Sharp lower contact into tonalite.			HH21-107945	ASSAY	TB21281302	558.00	559.00	1.00	0.132	0.019	0.010	0.013	0.046	0.007
			HH21-107947	ASSAY	TB21281302	559.00	560.00	1.00	0.199	0.024	0.011	0.015	0.048	0.006
			HH21-107948	ASSAY	TB21281302	560.00	561.00	1.00	0.208	0.024	0.016	0.015	0.047	0.006
			HH21-107949	ASSAY	TB21281302	561.00	562.00	1.00	0.408	0.047	0.019	0.015	0.050	0.006
			HH21-107950	ASSAY	TB21281302	562.00	563.00	1.00	2.350	0.281	0.175	0.144	0.159	0.008
			HH21-107951	ASSAY	TB21281302	563.00	564.00	1.00	0.659	0.080	0.039	0.025	0.067	0.008
			HH21-107952	ASSAY	TB21281302	564.00	565.00	1.00	0.386	0.056	0.026	0.020	0.063	0.007
			HH21-107953	ASSAY	TB21281302	565.00	566.00	1.00	0.490	0.059	0.044	0.035	0.065	0.007
			HH21-107954	ASSAY	TB21281302	566.00	567.00	1.00	0.944	0.096	0.055	0.044	0.078	0.007
			HH21-107955	ASSAY	TB21281302	567.00	568.32	1.32	1.160	0.138	0.076	0.052	0.082	0.007
568.32	580.16	TON	HH21-107956	ASSAY	TB21281302	568.32	569.00	0.68	0.007	0.003	0.001	0.008	0.002	0.001
TON - Medium-coarse grained, grey-black-white-pink/red in colour with a strong foliation. Interval exhibits a variable weak to strong degree of pervasive and fracture-localized K-ep alteration. Trace diss/vc/vl py mineralization. Sharp lower contact.			HH21-107957	ASSAY	TB21281302	569.00	570.00	1.00	0.002	0.003	0.001	0.004	0.001	0.001
			HH21-107958	ASSAY	TB21281302	570.00	571.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			HH21-107959	ASSAY	TB21281302	571.00	572.00	1.00	0.001	0.003	0.001	0.001	0.001	0.000
			HH21-107960	ASSAY	TB21281302	572.00	573.00	1.00	0.001	0.003	0.001	0.000	0.001	0.000
			HH21-107961	ASSAY	TB21281302	573.00	574.00	1.00	0.001	0.003	0.001	0.000	0.001	0.000
			HH21-107963	ASSAY	TB21281302	574.00	575.00	1.00	0.001	0.003	0.001	0.001	0.001	0.000
			HH21-107965	ASSAY	TB21284692	575.00	576.00	1.00	0.002	0.003	0.001	0.000	0.001	0.001
			HH21-107966	ASSAY	TB21284692	576.00	577.00	1.00	0.001	0.003	0.008	0.001	0.001	0.001
			HH21-107967	ASSAY	TB21284692	577.00	578.00	1.00	0.001	0.003	0.001	0.001	0.002	0.001
			HH21-107968	ASSAY	TB21284692	578.00	579.00	1.00	0.100	0.028	0.001	0.002	0.021	0.003
			HH21-107969	ASSAY	TB21284692	579.00	580.16	1.16	0.013	0.006	0.001	0.001	0.003	0.001

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
580.16	589.91	GAB-Vt	HH21-107970	ASSAY	TB21284692	580.16	581.00	0.84	0.269	0.051	0.005	0.006	0.056	0.007
GAB-Vt - Green with white plag. Medium-coarse grained. Possible loggable as norite to ~587.20m depth. Strong pervasive chl-act alt and weak selective ep and Na alt. Trace py-po-cpy mineralization. Sharp lower contact into an intermediate dike.			HH21-107971	ASSAY	TB21284692	581.00	582.00	1.00	0.367	0.059	0.006	0.004	0.075	0.009
			HH21-107972	ASSAY	TB21284692	582.00	583.00	1.00	0.425	0.087	0.005	0.004	0.079	0.009
			HH21-107973	ASSAY	TB21284692	583.00	584.00	1.00	0.278	0.046	0.005	0.004	0.066	0.008
			HH21-107974	ASSAY	TB21284692	584.00	585.00	1.00	1.080	0.122	0.035	0.010	0.078	0.008
			HH21-107975	ASSAY	TB21284692	585.00	586.00	1.00	1.620	0.194	0.093	0.028	0.097	0.007
			HH21-107976	ASSAY	TB21284692	586.00	587.00	1.00	1.900	0.160	0.091	0.048	0.111	0.006
			HH21-107977	ASSAY	TB21284692	587.00	588.00	1.00	0.818	0.143	0.033	0.022	0.081	0.006
			HH21-107978	ASSAY	TB21284692	588.00	589.00	1.00	0.693	0.081	0.019	0.009	0.067	0.005
			HH21-107979	ASSAY	TB21284692	589.00	589.91	0.91	0.433	0.054	0.010	0.012	0.062	0.005
589.91	591.10	DIKE-Intermediate	HH21-107980	ASSAY	TB21284692	589.91	591.10	1.19	0.131	0.011	0.004	0.008	0.010	0.002
INTERMEDIATE DIKE - Grey with a pinkish hue. Individual grains unidentifiable from pervasive k+sil alteration and extensive microfracturing. Trace ff/fc py mineralization. Sharp lower contact.														
591.10	597.00	GAB-Vt	HH21-107981	ASSAY	TB21284692	591.10	592.00	0.90	0.231	0.036	0.009	0.015	0.049	0.004
GAB-Vt - Green with white plag. Medium-coarse grained. Strong pervasive chl-act alt and weak selective Na alt. Trace up to 0.5% blebby py-po-cpy mineralization. Sharp lower contact into an intermediate dike.			HH21-107982	ASSAY	TB21284692	592.00	593.00	1.00	0.595	0.073	0.041	0.032	0.067	0.006
			HH21-107984	ASSAY	TB21284692	593.00	594.00	1.00	0.574	0.085	0.065	0.052	0.089	0.006
			HH21-107985	ASSAY	TB21284692	594.00	595.00	1.00	1.090	0.209	0.123	0.093	0.124	0.006
			HH21-107986	ASSAY	TB21284692	595.00	596.00	1.00	0.883	0.161	0.082	0.065	0.102	0.006
			HH21-107987	ASSAY	TB21284692	596.00	597.00	1.00	0.817	0.120	0.061	0.042	0.079	0.007
597.00	598.77	DIKE-Intermediate	HH21-107988	ASSAY	TB21284692	597.00	598.00	1.00	0.010	0.005	0.001	0.002	0.005	0.002
Same as intermediate dike above			HH21-107989	ASSAY	TB21284692	598.00	598.77	0.77	0.011	0.003	0.002	0.003	0.005	0.002

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
598.77	609.00	NOR	HH21-107990	ASSAY	TB21284692	598.77	600.00	1.23	0.213	0.033	0.010	0.009	0.051	0.007
NORITE - Dark grey/purple. Fine grained, equigranular. Weak alteration. Possibly gabbro. Trace fg py mineralization. Sharp lower contact where plag increases significantly and varitexture becomes obvious.			HH21-107991	ASSAY	TB21284692	600.00	601.00	1.00	0.205	0.032	0.011	0.009	0.047	0.006
			HH21-107992	ASSAY	TB21284692	601.00	602.00	1.00	0.292	0.043	0.011	0.010	0.058	0.008
			HH21-107994	ASSAY	TB21284692	602.00	603.00	1.00	0.269	0.044	0.013	0.011	0.059	0.008
			HH21-107995	ASSAY	TB21284692	603.00	604.00	1.00	0.271	0.042	0.024	0.015	0.063	0.008
			HH21-107996	ASSAY	TB21284692	604.00	605.00	1.00	0.440	0.056	0.052	0.023	0.067	0.008
			HH21-107997	ASSAY	TB21284692	605.00	606.00	1.00	1.650	0.155	0.085	0.033	0.093	0.009
			HH21-107998	ASSAY	TB21284692	606.00	607.00	1.00	1.100	0.111	0.054	0.023	0.093	0.009
			HH21-107999	ASSAY	TB21284692	607.00	608.00	1.00	1.040	0.107	0.098	0.070	0.073	0.009
			HH21-108000	ASSAY	TB21284692	608.00	609.00	1.00	1.120	0.144	0.079	0.038	0.094	0.009
			609.00	621.60	GAB-Vt	HH21-108001	ASSAY	TB21284692	609.00	610.00	1.00	0.695	0.078	0.065
GAB-Vt - Moderate green with white plag. Medium-coarse grained. ~618m+ depth becomes a noritic/gab-vt mix and therefore lower arbitrary relatively arbitrary. Mineralization is locally strong ~1-2% blebby po-cpy-py but becomes trace ~614+ depth. Moderate chl-act and Na alt. Massive. Occasional felsic dikes/dikelets.			HH21-108003	ASSAY	TB21284692	610.00	611.00	1.00	3.240	0.190	0.180	0.111	0.146	0.007
			HH21-108004	ASSAY	TB21284692	611.00	612.00	1.00	2.360	0.294	0.183	0.091	0.128	0.007
			HH21-108005	ASSAY	TB21284692	612.00	613.00	1.00	6.130	0.584	0.423	0.218	0.303	0.012
			HH21-108006	ASSAY	TB21284692	613.00	614.00	1.00	4.110	0.335	0.378	0.232	0.224	0.008
			HH21-108007	ASSAY	TB21284692	614.00	615.00	1.00	1.140	0.108	0.122	0.059	0.099	0.006
			HH21-108008	ASSAY	TB21284692	615.00	616.00	1.00	2.130	0.167	0.217	0.100	0.142	0.007
			HH21-108009	ASSAY	TB21284692	616.00	617.00	1.00	1.810	0.130	0.140	0.080	0.116	0.007
			HH21-108010	ASSAY	TB21284692	617.00	618.00	1.00	1.140	0.112	0.071	0.049	0.098	0.008
			HH21-108011	ASSAY	TB21284692	618.00	619.00	1.00	1.550	0.189	0.073	0.051	0.112	0.007
			HH21-108012	ASSAY	TB21284692	619.00	620.00	1.00	0.180	0.039	0.015	0.019	0.060	0.007
			HH21-108013	ASSAY	TB21284692	620.00	621.00	1.00	0.173	0.035	0.007	0.012	0.051	0.007
			HH21-108014	ASSAY	TB21284692	621.00	621.60	0.60	0.253	0.051	0.013	0.018	0.051	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
621.60	632.00	NOR	HH21-108015	ASSAY	TB21284692	621.60	622.20	0.60	0.058	0.011	0.006	0.013	0.045	0.007
NOR - Purple/black. Medium-grained and equigranular. Weak alteration except the 630.60m+ depth where a sharp contact ~45dca changes to strong pervasive chl-act alt. Nil to trace mineralization. Massive. Trace felsic dikes and trace ff calcite. Abrupt lower contact marked by sharp increase in plag.			HH21-108016	ASSAY	TB21284692	622.20	623.00	0.80	0.274	0.056	0.005	0.010	0.048	0.007
			HH21-108017	ASSAY	TB21284692	623.00	624.00	1.00	0.293	0.065	0.011	0.013	0.048	0.007
			HH21-108018	ASSAY	TB21284692	624.00	625.00	1.00	0.229	0.044	0.009	0.012	0.046	0.007
			HH21-108019	ASSAY	TB21284692	625.00	626.00	1.00	0.281	0.045	0.013	0.016	0.057	0.008
			HH21-108020	ASSAY	TB21284692	626.00	627.00	1.00	0.260	0.031	0.008	0.013	0.059	0.009
			HH21-108022	ASSAY	TB21284692	627.00	628.00	1.00	0.272	0.040	0.008	0.012	0.054	0.008
			HH21-108023	ASSAY	TB21284692	628.00	629.00	1.00	0.319	0.048	0.008	0.013	0.057	0.009
			HH21-108024	ASSAY	TB21284692	629.00	630.00	1.00	0.340	0.044	0.007	0.012	0.057	0.009
			HH21-108025	ASSAY	TB21284692	630.00	631.00	1.00	0.302	0.039	0.013	0.013	0.059	0.009
			HH21-108026	ASSAY	TB21284692	631.00	632.00	1.00	0.422	0.048	0.018	0.019	0.058	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
632.00	700.00	GAB-Vt	HH21-108027	ASSAY	TB21284692	632.00	633.00	1.00	0.055	0.017	0.012	0.011	0.029	0.005
		GAB-Vt - Green with white plag. Medium-coarse grained/pegmatitic. Dominantly medium-grained with occasional coarse-grained/peg phases to ~664m where it becomes pegmatitic/leucogabbro to ~672m depth. ~685.20-695m depth yields a coarse-grained phase with local leucocratic sections. Moderate chl-act alt and trace ep and Na alt in coarse-grained phases. Dominantly trace mineralization with local zones increasing up to 2% blebby po-cpy +/-py. Stronger mineralization not confined to grain-size. Massive. Occasional felsic dikes and dikelets. Sharp lower contact into tonalite.	HH21-108028	ASSAY	TB21284692	633.00	634.00	1.00	0.073	0.009	0.031	0.024	0.027	0.004
			HH21-108029	ASSAY	TB21284692	634.00	635.00	1.00	0.643	0.071	0.049	0.039	0.047	0.005
			HH21-108030	ASSAY	TB21284692	635.00	636.00	1.00	0.026	0.007	0.015	0.015	0.026	0.004
			HH21-108031	ASSAY	TB21284692	636.00	637.00	1.00	0.077	0.013	0.018	0.018	0.031	0.005
			HH21-108032	ASSAY	TB21284692	637.00	638.00	1.00	0.085	0.016	0.017	0.024	0.036	0.005
			HH21-108033	ASSAY	TB21284692	638.00	639.00	1.00	0.617	0.052	0.021	0.023	0.054	0.007
			HH21-108034	ASSAY	TB21284692	639.00	640.00	1.00	0.386	0.048	0.021	0.017	0.043	0.008
			HH21-108035	ASSAY	TB21284692	640.00	641.00	1.00	0.517	0.117	0.046	0.022	0.039	0.006
			HH21-108037	ASSAY	TB21284692	641.00	642.00	1.00	0.781	0.109	0.050	0.025	0.044	0.006
			HH21-108038	ASSAY	TB21284692	642.00	643.00	1.00	0.305	0.076	0.024	0.019	0.043	0.007
			HH21-108039	ASSAY	TB21284692	643.00	644.00	1.00	0.430	0.088	0.023	0.019	0.041	0.006
			HH21-108040	ASSAY	TB21284692	644.00	645.00	1.00	0.139	0.034	0.022	0.013	0.034	0.006
			HH21-108041	ASSAY	TB21284692	645.00	646.00	1.00	0.132	0.033	0.009	0.009	0.033	0.006
			HH21-108043	ASSAY	TB21284694	646.00	647.00	1.00	0.105	0.024	0.006	0.012	0.033	0.006
			HH21-108044	ASSAY	TB21284694	647.00	648.00	1.00	0.788	0.119	0.072	0.094	0.088	0.009
			HH21-108046	ASSAY	TB21284694	648.00	649.00	1.00	0.704	0.077	0.069	0.035	0.055	0.008
			HH21-108047	ASSAY	TB21284694	649.00	650.00	1.00	1.860	0.297	0.165	0.076	0.072	0.007
			HH21-108048	ASSAY	TB21284694	650.00	651.00	1.00	0.227	0.074	0.024	0.014	0.048	0.008
			HH21-108049	ASSAY	TB21284694	651.00	652.00	1.00	0.734	0.112	0.066	0.025	0.048	0.007
			HH21-108050	ASSAY	TB21284694	652.00	653.00	1.00	0.444	0.194	0.047	0.023	0.045	0.006
			HH21-108051	ASSAY	TB21284694	653.00	654.00	1.00	0.626	0.104	0.064	0.028	0.063	0.008
			HH21-108052	ASSAY	TB21284694	654.00	655.00	1.00	0.742	0.119	0.084	0.036	0.066	0.007
			HH21-108053	ASSAY	TB21284694	655.00	656.00	1.00	2.490	0.414	0.219	0.122	0.141	0.009
			HH21-108054	ASSAY	TB21284694	656.00	657.00	1.00	1.460	0.173	0.162	0.073	0.083	0.007
			HH21-108055	ASSAY	TB21284694	657.00	658.00	1.00	0.385	0.079	0.026	0.017	0.054	0.007
			HH21-108056	ASSAY	TB21284694	658.00	659.00	1.00	1.300	0.207	0.109	0.048	0.066	0.005
			HH21-108057	ASSAY	TB21284694	659.00	660.00	1.00	0.718	0.136	0.070	0.060	0.064	0.006
			HH21-108058	ASSAY	TB21284694	660.00	661.00	1.00	0.421	0.072	0.033	0.021	0.044	0.006
			HH21-108059	ASSAY	TB21284694	661.00	662.00	1.00	0.905	0.148	0.067	0.040	0.068	0.008
			HH21-108060	ASSAY	TB21284694	662.00	663.00	1.00	0.995	0.202	0.052	0.041	0.068	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108061	ASSAY	TB21284694	663.00	664.00	1.00	0.782	0.107	0.057	0.033	0.049	0.006
			HH21-108062	ASSAY	TB21284694	664.00	665.00	1.00	0.773	0.106	0.029	0.024	0.031	0.004
			HH21-108063	ASSAY	TB21284694	665.00	666.00	1.00	1.280	0.271	0.039	0.037	0.055	0.004
			HH21-108064	ASSAY	TB21284694	666.00	667.00	1.00	1.220	0.200	0.070	0.038	0.045	0.003
			HH21-108065	ASSAY	TB21284694	667.00	668.00	1.00	0.425	0.088	0.012	0.016	0.030	0.003
			HH21-108066	ASSAY	TB21284694	668.00	669.00	1.00	1.620	0.391	0.050	0.048	0.028	0.003
			HH21-108068	ASSAY	TB21284694	669.00	670.00	1.00	3.210	0.296	0.087	0.116	0.071	0.005
			HH21-108069	ASSAY	TB21284694	670.00	671.00	1.00	1.660	0.224	0.034	0.034	0.035	0.003
			HH21-108070	ASSAY	TB21284694	671.00	672.00	1.00	1.180	0.124	0.117	0.050	0.041	0.004
			HH21-108071	ASSAY	TB21284694	672.00	673.00	1.00	1.290	0.180	0.082	0.044	0.065	0.006
			HH21-108072	ASSAY	TB21284694	673.00	674.00	1.00	0.294	0.042	0.037	0.030	0.048	0.006
			HH21-108073	ASSAY	TB21284694	674.00	675.00	1.00	0.871	0.092	0.094	0.036	0.052	0.006
			HH21-108074	ASSAY	TB21284694	675.00	676.00	1.00	0.282	0.051	0.031	0.012	0.043	0.005
			HH21-108075	ASSAY	TB21284694	676.00	677.00	1.00	0.316	0.059	0.025	0.014	0.041	0.005
			HH21-108076	ASSAY	TB21284694	677.00	678.00	1.00	1.190	0.116	0.106	0.042	0.047	0.006
			HH21-108077	ASSAY	TB21284694	678.00	679.00	1.00	1.920	0.191	0.202	0.110	0.083	0.006
			HH21-108078	ASSAY	TB21284694	679.00	680.00	1.00	3.020	0.262	0.225	0.110	0.087	0.006
			HH21-108079	ASSAY	TB21284694	680.00	681.00	1.00	1.040	0.158	0.097	0.038	0.056	0.005
			HH21-108080	ASSAY	TB21284694	681.00	682.00	1.00	1.040	0.114	0.021	0.009	0.039	0.005
			HH21-108081	ASSAY	TB21284694	682.00	683.00	1.00	0.113	0.042	0.008	0.006	0.033	0.005
			HH21-108082	ASSAY	TB21284694	683.00	684.00	1.00	0.111	0.044	0.016	0.007	0.032	0.005
			HH21-108083	ASSAY	TB21284694	684.00	685.00	1.00	0.103	0.041	0.030	0.012	0.030	0.005
			HH21-108084	ASSAY	TB21284694	685.00	686.00	1.00	1.400	0.166	0.101	0.049	0.058	0.005
			HH21-108085	ASSAY	TB21284694	686.00	687.00	1.00	1.400	0.103	0.123	0.068	0.065	0.003
			HH21-108087	ASSAY	TB21284694	687.00	688.00	1.00	2.650	0.242	0.144	0.089	0.096	0.006
			HH21-108088	ASSAY	TB21284694	688.00	689.00	1.00	1.340	0.221	0.094	0.091	0.093	0.006
			HH21-108089	ASSAY	TB21284694	689.00	690.00	1.00	1.220	0.111	0.098	0.051	0.061	0.004
			HH21-108090	ASSAY	TB21284694	690.00	691.00	1.00	1.740	0.224	0.038	0.068	0.076	0.004
			HH21-108091	ASSAY	TB21284694	691.00	692.00	1.00	0.266	0.022	0.015	0.024	0.026	0.003
			HH21-108092	ASSAY	TB21284694	692.00	693.00	1.00	2.800	0.290	0.191	0.143	0.090	0.005
			HH21-108093	ASSAY	TB21284694	693.00	694.00	1.00	2.180	0.161	0.067	0.102	0.092	0.005
			HH21-108094	ASSAY	TB21284694	694.00	695.00	1.00	0.523	0.053	0.035	0.041	0.042	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108095	ASSAY	TB21284694	695.00	696.00	1.00	0.245	0.036	0.025	0.030	0.037	0.005
			HH21-108096	ASSAY	TB21284694	696.00	696.50	0.50	0.051	0.021	0.007	0.013	0.029	0.005
			HH21-108097	ASSAY	TB21284694	696.50	697.00	0.50	0.882	0.074	0.129	0.125	0.060	0.005
			HH21-108098	ASSAY	TB21284694	697.00	698.00	1.00	0.097	0.020	0.018	0.017	0.029	0.005
			HH21-108099	ASSAY	TB21284694	698.00	699.00	1.00	0.197	0.025	0.042	0.049	0.030	0.005
			HH21-108100	ASSAY	TB21284694	699.00	700.00	1.00	0.166	0.015	0.005	0.013	0.023	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
700.00	743.91	TON	HH21-108101	ASSAY	TB21284694	700.00	701.00	1.00	0.235	0.020	0.008	0.016	0.007	0.001
TONALITE - White and grey/black with pink. Weak patchy k alt. Subrounded crowded plag. Gneissic-like foliation ~40dtca. Trace ff/fc/vc/vl/diss py mineralization.			HH21-108103	ASSAY	TB21284694	701.00	702.00	1.00	0.017	0.005	0.007	0.018	0.002	0.001
			HH21-108104	ASSAY	TB21284694	702.00	703.00	1.00	0.072	0.007	0.002	0.006	0.004	0.001
			HH21-108105	ASSAY	TB21284694	703.00	704.00	1.00	0.163	0.013	0.002	0.019	0.007	0.001
			HH21-108106	ASSAY	TB21284694	704.00	705.00	1.00	0.022	0.005	0.001	0.002	0.000	0.000
			HH21-108107	ASSAY	TB21284694	705.00	706.00	1.00	0.013	0.003	0.001	0.004	0.001	0.001
			HH21-108108	ASSAY	TB21284694	706.00	707.00	1.00	0.001	0.003	0.001	0.001	0.000	0.000
			HH21-108109	ASSAY	TB21284694	707.00	708.00	1.00	0.001	0.003	0.001	0.002	0.000	0.000
			HH21-108110	ASSAY	TB21284694	708.00	709.00	1.00	0.008	0.003	0.001	0.001	0.001	0.001
			HH21-108112	ASSAY	TB21284694	709.00	710.00	1.00	0.009	0.003	0.001	0.002	0.001	0.001
			HH21-108113	ASSAY	TB21284694	710.00	711.00	1.00	0.041	0.005	0.001	0.002	0.001	0.001
			HH21-108114	ASSAY	TB21284694	711.00	712.00	1.00	0.011	0.003	0.001	0.001	0.001	0.001
			HH21-108115	ASSAY	TB21284694	712.00	713.00	1.00	0.001	0.003	0.001	0.001	0.000	0.000
			HH21-108116	ASSAY	TB21284694	713.00	714.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			HH21-108117	ASSAY	TB21284694	714.00	715.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
HH21-108118	ASSAY	TB21284694	715.00	716.00	1.00	0.001	0.003	0.001	0.001	0.001	0.000	0.001		
HH21-108119	ASSAY	TB21284694	716.00	717.03	1.03	0.001	0.003	0.001	0.001	0.001	0.000	0.001		
HH21-108121	ASSAY	TB21288235	717.03	718.00	0.97	0.001	0.003	0.001	0.001	0.001	0.001	0.001		
HH21-108122	ASSAY	TB21288235	718.00	719.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001	0.001		
HH21-108123	ASSAY	TB21288235	719.00	720.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001	0.000		
HH21-108124	ASSAY	TB21288235	720.00	721.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001	0.001		
HH21-108125	ASSAY	TB21288235	721.00	722.00	1.00	0.001	0.003	0.001	0.002	0.000	0.000	0.001		
HH21-108126	ASSAY	TB21288235	722.00	723.00	1.00	0.011	0.003	0.001	0.003	0.001	0.001	0.001		
HH21-108127	ASSAY	TB21288235	723.00	724.00	1.00	0.001	0.003	0.001	0.004	0.002	0.001	0.001		
HH21-108128	ASSAY	TB21288235	724.00	725.00	1.00	0.001	0.003	0.001	0.003	0.002	0.001	0.001		
HH21-108129	ASSAY	TB21288235	725.00	726.00	1.00	0.001	0.003	0.001	0.002	0.000	0.000	0.001		
HH21-108130	ASSAY	TB21288235	726.00	727.00	1.00	0.001	0.003	0.001	0.001	0.000	0.000	0.001		
HH21-108131	ASSAY	TB21288235	727.00	728.00	1.00	0.001	0.003	0.001	0.002	0.000	0.000	0.001		
HH21-108132	ASSAY	TB21288235	728.00	729.00	1.00	0.001	0.003	0.001	0.002	0.000	0.000	0.001		
HH21-108133	ASSAY	TB21288235	729.00	730.00	1.00	0.001	0.003	0.001	0.003	0.000	0.000	0.001		
HH21-108134	ASSAY	TB21288235	730.00	731.00	1.00	0.057	0.003	0.002	0.002	0.002	0.002	0.001		

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108135	ASSAY	TB21288235	731.00	732.00	1.00	0.001	0.003	0.001	0.004	0.000	0.001
			HH21-108137	ASSAY	TB21288235	732.00	733.00	1.00	0.001	0.003	0.001	0.003	0.001	0.001
			HH21-108138	ASSAY	TB21288235	733.00	734.00	1.00	0.001	0.003	0.001	0.009	0.001	0.002
			HH21-108139	ASSAY	TB21288235	734.00	735.00	1.00	0.001	0.003	0.001	0.011	0.002	0.002
			HH21-108140	ASSAY	TB21288235	735.00	736.00	1.00	0.001	0.003	0.001	0.008	0.002	0.002
			HH21-108141	ASSAY	TB21288235	736.00	737.00	1.00	0.055	0.010	0.001	0.004	0.006	0.002
			HH21-108142	ASSAY	TB21288235	737.00	738.00	1.00	0.071	0.014	0.001	0.011	0.007	0.002
			HH21-108143	ASSAY	TB21288235	738.00	739.00	1.00	0.254	0.055	0.001	0.016	0.010	0.002
			HH21-108144	ASSAY	TB21288235	739.00	740.00	1.00	0.147	0.033	0.002	0.021	0.011	0.002
			HH21-108145	ASSAY	TB21288235	740.00	741.00	1.00	0.100	0.020	0.005	0.011	0.005	0.002
			HH21-108146	ASSAY	TB21288235	741.00	742.00	1.00	0.183	0.035	0.003	0.019	0.009	0.002
			HH21-108147	ASSAY	TB21288235	742.00	743.00	1.00	0.005	0.003	0.001	0.009	0.003	0.002
			HH21-108148	ASSAY	TB21288235	743.00	743.91	0.91	0.042	0.010	0.001	0.008	0.003	0.002
743.91	744.95	VN	HH21-108149	ASSAY	TB21288235	743.91	744.95	1.04	0.001	0.003	0.002	0.001	0.001	0.001
		Quartz Vein												
		White, grey. Alteration weak epidote. 2% Py, Mg to Cg blebs. Contains Fg graphite as well.												
744.95	756.47	TON	HH21-108150	ASSAY	TB21288235	744.95	746.00	1.05	0.079	0.011	0.004	0.013	0.006	0.003
		TONALITE												
		Same as tonalite unit above. Mineralisation mostly trace disseminated and fracture filling.												
			HH21-108151	ASSAY	TB21288235	746.00	747.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
			HH21-108152	ASSAY	TB21288235	747.00	748.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			HH21-108153	ASSAY	TB21288235	748.00	749.00	1.00	0.006	0.003	0.001	0.012	0.004	0.003
			HH21-108154	ASSAY	TB21288235	749.00	750.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			HH21-108155	ASSAY	TB21288235	750.00	751.00	1.00	0.001	0.003	0.004	0.009	0.002	0.002
			HH21-108157	ASSAY	TB21288235	751.00	752.00	1.00	0.001	0.003	0.005	0.010	0.003	0.002
			HH21-108158	ASSAY	TB21288235	752.00	753.00	1.00	0.001	0.003	0.001	0.005	0.002	0.002
			HH21-108159	ASSAY	TB21288235	753.00	754.00	1.00	0.001	0.003	0.002	0.004	0.002	0.002
			HH21-108160	ASSAY	TB21288235	754.00	755.00	1.00	0.001	0.003	0.001	0.006	0.002	0.002
			HH21-108161	ASSAY	TB21288235	755.00	756.47	1.47	0.001	0.003	0.004	0.003	0.002	0.002

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
756.47	758.60	FAULT-CL	HH21-108162	ASSAY	TB21288235	756.47	757.60	1.13	0.102	0.006	0.967	0.024	0.027	0.008
CAMP LAKE FAULT			HH21-108163	ASSAY	TB21288235	757.60	758.60	1.00	0.119	0.007	0.017	0.019	0.041	0.007
Camp lake fault expressed as fault gouge. Fault hosted within a fine grained sheared, ultramafic unit which is fairly competent. Sharp upper contact with tonalite. Mineralisation at beginning of unit, blebs of Py, Cpy, and Po.														
758.60	766.13	DIKE-Mafic	HH21-108164	ASSAY	TB21288237	758.60	760.00	1.40	0.499	0.065	0.039	0.034	0.049	0.006
Ultramafic Dike			HH21-108165	ASSAY	TB21288237	760.00	761.00	1.00	0.199	0.043	0.014	0.006	0.053	0.008
Black, green, white, pink. Fine grained. This is the host unit of the camp lake fault. Strongly sheared, appears to be serpentized. Weak K-alt, moderate Na-alt. Sulphide poor. Sharp upper and gradational lower contacts.														
			HH21-108167	ASSAY	TB21288237	761.00	762.00	1.00	0.116	0.044	0.015	0.007	0.052	0.008
			HH21-108168	ASSAY	TB21288237	762.00	763.00	1.00	0.084	0.028	0.010	0.007	0.048	0.007
			HH21-108169	ASSAY	TB21288237	763.00	764.00	1.00	0.572	0.110	0.085	0.025	0.061	0.007
			HH21-108170	ASSAY	TB21288237	764.00	765.00	1.00	1.210	0.242	0.278	0.063	0.089	0.008
			HH21-108171	ASSAY	TB21288237	765.00	766.13	1.13	0.987	0.186	0.218	0.057	0.084	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
766.13	791.77	GAB-Vt	HH21-108173	ASSAY	TB21288237	766.13	767.00	0.87	0.484	0.120	0.039	0.014	0.035	0.005
GAB-Vt			HH21-108174	ASSAY	TB21288237	767.00	768.00	1.00	3.130	0.519	0.199	0.069	0.128	0.008
Grey, white, green, pink. Fg to Mg, with some Cg sections. Pyx:Plag 30:70. This unit is mostly GAB-Vt with Mg noritic sections, (70% GAB-Vt, 30% Noritic). Moderately chl, act, Na altered. Weak K-alt. Shear zone present at 778.52-779.30m, within one of the noritic sections.			HH21-108175	ASSAY	TB21288237	768.00	769.00	1.00	0.736	0.111	0.068	0.027	0.044	0.005
			HH21-108176	ASSAY	TB21288237	769.00	770.00	1.00	1.380	0.155	0.087	0.040	0.055	0.005
			HH21-108177	ASSAY	TB21288237	770.00	771.00	1.00	0.312	0.044	0.011	0.008	0.027	0.003
			HH21-108178	ASSAY	TB21288237	771.00	772.00	1.00	0.583	0.080	0.014	0.007	0.039	0.004
			HH21-108179	ASSAY	TB21288237	772.00	773.00	1.00	1.390	0.198	0.059	0.033	0.063	0.006
Mineralisation 0.5% Py, Po, Cpy. Mostly disseminated and mg blebs. Trace Cg blebs and fracture filling.			HH21-108180	ASSAY	TB21288237	773.00	774.00	1.00	1.060	0.149	0.069	0.036	0.062	0.007
			HH21-108181	ASSAY	TB21288237	774.00	775.00	1.00	0.087	0.035	0.008	0.013	0.032	0.005
Unit hosts a number of 2-5cm thick felsic dikes/veins. Larger felsic dikes at: 770.45-770.80m; 778.17-778.27m; 783.18-783.30m.			HH21-108182	ASSAY	TB21288237	775.00	776.00	1.00	0.062	0.024	0.005	0.013	0.024	0.004
			HH21-108183	ASSAY	TB21288237	776.00	777.00	1.00	0.055	0.023	0.013	0.036	0.023	0.004
			HH21-108184	ASSAY	TB21288237	777.00	778.00	1.00	0.118	0.034	0.010	0.015	0.026	0.004
			HH21-108185	ASSAY	TB21288237	778.00	779.00	1.00	0.160	0.031	0.002	0.007	0.034	0.005
			HH21-108186	ASSAY	TB21288237	779.00	780.00	1.00	0.374	0.055	0.005	0.015	0.041	0.005
			HH21-108187	ASSAY	TB21288237	780.00	781.00	1.00	0.913	0.107	0.032	0.028	0.055	0.006
			HH21-108188	ASSAY	TB21344288	781.00	782.00	1.00	0.994	0.108	0.077	0.048	0.049	0.007
			HH21-108189	ASSAY	TB21344288	782.00	783.00	1.00	0.051	0.009	0.006	0.012	0.038	0.005
			HH21-108190	ASSAY	TB21344288	783.00	784.00	1.00	0.285	0.017	0.004	0.013	0.039	0.005
			HH21-108192	ASSAY	TB21344288	784.00	785.00	1.00	0.274	0.033	0.009	0.011	0.038	0.004
			HH21-108193	ASSAY	TB21344288	785.00	786.00	1.00	0.012	0.003	0.011	0.044	0.062	0.005
			HH21-108194	ASSAY	TB21344288	786.00	787.00	1.00	0.048	0.005	0.015	0.040	0.078	0.005
			HH21-108195	ASSAY	TB21344288	787.00	788.00	1.00	0.298	0.024	0.023	0.020	0.054	0.006
			HH21-108196	ASSAY	TB21288237	788.00	789.00	1.00	0.493	0.054	0.015	0.019	0.032	0.005
			HH21-108197	ASSAY	TB21288237	789.00	790.00	1.00	0.621	0.067	0.050	0.036	0.050	0.006
			HH21-108199	ASSAY	TB21288239	790.00	791.00	1.00	0.287	0.032	0.015	0.014	0.043	0.005
			HH21-108200	ASSAY	TB21288239	791.00	791.77	0.77	0.021	0.003	0.007	0.013	0.035	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
791.77	828.49	NOR	HH21-108201	ASSAY	TB21288239	791.77	793.00	1.23	0.527	0.064	0.037	0.022	0.053	0.007
		NORITE	HH21-108202	ASSAY	TB21288239	793.00	794.00	1.00	2.500	0.277	0.132	0.056	0.075	0.007
		Dark grey, dark green. white. Fg to Mg. Pyx:Plag	HH21-108203	ASSAY	TB21288239	794.00	795.00	1.00	0.397	0.063	0.028	0.014	0.055	0.008
		80:20. This is a 80% norite, 20% GAB-Vt unit. GAB-Vt	HH21-108204	ASSAY	TB21288239	795.00	796.00	1.00	0.566	0.078	0.041	0.023	0.056	0.008
		present in between 813-821 meters. Moderate chl	HH21-108205	ASSAY	TB21288239	796.00	797.00	1.00	0.007	0.003	0.008	0.008	0.040	0.006
		and act alt. Weak Na and K alt, mostly K-alt in felsic	HH21-108206	ASSAY	TB21288239	797.00	798.00	1.00	0.341	0.038	0.038	0.026	0.050	0.007
		dikes. Mineralisation 0.5% Py, Cpy, and Po. Fine	HH21-108207	ASSAY	TB21288239	798.00	799.00	1.00	0.498	0.067	0.043	0.027	0.050	0.007
		grained disseminated.	HH21-108208	ASSAY	TB21288239	799.00	800.00	1.00	0.915	0.100	0.048	0.026	0.054	0.006
		Fault expressed at 800.60-800.65m as fault gouge.	HH21-108209	ASSAY	TB21288239	800.00	801.00	1.00	0.702	0.083	0.035	0.021	0.041	0.005
		Felsic dikes present at: 810.31-810.62m;	HH21-108211	ASSAY	TB21288239	801.00	802.00	1.00	0.175	0.016	0.019	0.024	0.040	0.006
		811.3-811.49m; 817.7-817.83m; 825.23-825.67m;	HH21-108212	ASSAY	TB21288239	802.00	803.00	1.00	1.200	0.110	0.082	0.076	0.062	0.007
		827.83-828.22m.	HH21-108213	ASSAY	TB21288239	803.00	804.00	1.00	0.173	0.028	0.027	0.030	0.059	0.006
			HH21-108214	ASSAY	TB21288239	804.00	805.00	1.00	0.839	0.103	0.051	0.039	0.072	0.008
			HH21-108215	ASSAY	TB21288239	805.00	806.00	1.00	1.700	0.188	0.099	0.042	0.062	0.007
			HH21-108216	ASSAY	TB21288239	806.00	807.00	1.00	2.950	0.323	0.187	0.075	0.089	0.008
			HH21-108217	ASSAY	TB21288239	807.00	808.00	1.00	0.357	0.047	0.043	0.019	0.057	0.008
			HH21-108218	ASSAY	TB21288239	808.00	809.00	1.00	0.056	0.007	0.010	0.005	0.053	0.009
			HH21-108219	ASSAY	TB21288239	809.00	810.00	1.00	2.700	0.312	0.167	0.055	0.082	0.009
			HH21-108220	ASSAY	TB21288239	810.00	811.00	1.00	1.480	0.161	0.078	0.029	0.063	0.007
			HH21-108221	ASSAY	TB21288239	811.00	812.00	1.00	0.862	0.104	0.048	0.020	0.047	0.006
			HH21-108222	ASSAY	TB21288239	812.00	813.00	1.00	1.030	0.143	0.077	0.045	0.058	0.008
			HH21-108223	ASSAY	TB21288239	813.00	814.00	1.00	2.720	0.272	0.274	0.204	0.101	0.011
			HH21-108224	ASSAY	TB21288239	814.00	815.00	1.00	0.813	0.067	0.030	0.020	0.058	0.007
			HH21-108225	ASSAY	TB21288239	815.00	816.00	1.00	1.150	0.115	0.062	0.028	0.061	0.007
			HH21-108226	ASSAY	TB21288239	816.00	817.00	1.00	0.863	0.112	0.065	0.026	0.062	0.008
			HH21-108227	ASSAY	TB21288239	817.00	818.00	1.00	0.415	0.049	0.020	0.013	0.049	0.007
			HH21-108228	ASSAY	TB21288239	818.00	819.00	1.00	0.846	0.100	0.037	0.027	0.046	0.005
			HH21-108229	ASSAY	TB21288239	819.00	820.00	1.00	0.739	0.125	0.048	0.032	0.049	0.006
			HH21-108231	ASSAY	TB21288239	820.00	821.00	1.00	0.534	0.050	0.036	0.019	0.060	0.007
			HH21-108232	ASSAY	TB21288239	821.00	822.00	1.00	0.256	0.030	0.018	0.018	0.056	0.007
			HH21-108233	ASSAY	TB21288239	822.00	823.00	1.00	0.450	0.066	0.049	0.036	0.076	0.010

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108234	ASSAY	TB21288239	823.00	824.00	1.00	0.458	0.058	0.025	0.030	0.070	0.009
			HH21-108235	ASSAY	TB21288239	824.00	825.00	1.00	0.094	0.013	0.014	0.021	0.067	0.009
			HH21-108236	ASSAY	TB21288239	825.00	826.00	1.00	0.020	0.005	0.002	0.001	0.059	0.007
			HH21-108237	ASSAY	TB21288239	826.00	827.00	1.00	0.174	0.018	0.011	0.012	0.055	0.005
			HH21-108238	ASSAY	TB21288239	827.00	828.49	1.49	0.305	0.041	0.021	0.019	0.035	0.004
828.49	830.19	DIKE-Felsic	HH21-108239	ASSAY	TB21288239	828.49	829.50	1.01	0.203	0.021	0.091	0.047	0.012	0.001
DIKE - Felsic			HH21-108241	ASSAY	TB21288239	829.50	830.19	0.69	0.287	0.032	0.014	0.023	0.014	0.002
<p>White, grey, black. Weakly altered felsic dike. Appears to be of same composition to the felsic dike above, though finer grained. 0.1% Cpy fracture filling mineralisation. Weak quartz alteration.</p>														
830.19	846.40	GAB-Vt	HH21-108242	ASSAY	TB21288239	830.19	831.00	0.81	1.870	0.266	0.094	0.226	0.070	0.010
GAB-Vt			HH21-108243	ASSAY	TB21288239	831.00	832.00	1.00	0.621	0.090	0.024	0.021	0.043	0.005
<p>Grey, green, black, and white. Fg to Cg. Pyx:Plag 40:60. Sharp to diffuse grains. Trace mineralisation 0.1%, fg disseminated. Py, Cpy, Po. Moderate chl and act alteration. Becomes slightly noritic towards the end of the unit.</p>														
			HH21-108244	ASSAY	TB21288239	832.00	833.00	1.00	0.684	0.086	0.080	0.034	0.054	0.006
			HH21-108245	ASSAY	TB21288239	833.00	834.00	1.00	1.870	0.220	0.143	0.056	0.067	0.006
			HH21-108246	ASSAY	TB21288239	834.00	835.00	1.00	2.120	0.240	0.104	0.048	0.064	0.006
			HH21-108247	ASSAY	TB21288239	835.00	836.00	1.00	0.255	0.033	0.011	0.006	0.032	0.004
			HH21-108248	ASSAY	TB21288239	836.00	837.00	1.00	0.905	0.137	0.018	0.010	0.035	0.004
			HH21-108249	ASSAY	TB21288239	837.00	838.00	1.00	0.615	0.084	0.015	0.008	0.036	0.004
			HH21-108250	ASSAY	TB21288239	838.00	839.00	1.00	0.857	0.094	0.033	0.019	0.043	0.005
			HH21-108251	ASSAY	TB21288239	839.00	840.00	1.00	1.180	0.144	0.016	0.027	0.047	0.005
			HH21-108252	ASSAY	TB21288239	840.00	841.00	1.00	0.235	0.025	0.017	0.023	0.037	0.005
			HH21-108253	ASSAY	TB21288239	841.00	842.00	1.00	0.025	0.003	0.007	0.015	0.027	0.004
			HH21-108254	ASSAY	TB21288239	842.00	843.00	1.00	0.958	0.126	0.042	0.050	0.055	0.006
			HH21-108255	ASSAY	TB21288239	843.00	844.00	1.00	0.937	0.113	0.028	0.030	0.045	0.004
			HH21-108256	ASSAY	TB21288239	844.00	845.00	1.00	1.250	0.132	0.022	0.017	0.043	0.004
			HH21-108257	ASSAY	TB21288239	845.00	846.40	1.40	1.840	0.228	0.053	0.030	0.053	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
846.40	849.90	NOR	HH21-108258	ASSAY	TB21288239	846.40	847.00	0.60	1.260	0.172	0.111	0.058	0.067	0.009
		NORITE	HH21-108259	ASSAY	TB21288239	847.00	848.00	1.00	0.783	0.101	0.073	0.038	0.052	0.009
		Dark green, grey, black, white. Pyx:Plag 60:40. Fine to medium grained.	HH21-108261	ASSAY	TB21288239	848.00	849.00	1.00	4.270	0.503	0.213	0.081	0.105	0.008
		Trace mineralisation, fine grained disseminated. Py, Cpy.	HH21-108262	ASSAY	TB21288239	849.00	849.90	0.90	2.470	0.272	0.146	0.058	0.070	0.007
		Moderate chl and act alteration.												
		Felsic dike at 848.0-848.17m.												
		Sharp upper and gradational lower contact.												
849.90	869.00	GAB-Vt	HH21-108263	ASSAY	TB21288239	849.90	851.00	1.10	1.920	0.218	0.138	0.113	0.062	0.007
		GAB-Vt	HH21-108264	ASSAY	TB21288239	851.00	852.00	1.00	1.160	0.122	0.049	0.035	0.040	0.004
		Grey, green, white, black. Fine to Pyx:Plag 40:60	HH21-108266	ASSAY	TB21288239	852.00	853.00	1.00	0.147	0.013	0.009	0.017	0.026	0.003
		Sharp to diffuse grains.	HH21-108267	ASSAY	TB21288239	853.00	854.00	1.00	0.045	0.005	0.008	0.013	0.021	0.003
		Mineralisation Py, Cpy, Po 0.5% medium grained blebs and fg disseminated. Coarse grained blebs at 850.34-850.48m.	HH21-108268	ASSAY	TB21288239	854.00	855.00	1.00	0.004	0.003	0.013	0.014	0.022	0.003
		Chl alt moderate at start of unit, and weakens toward the end. Moderate act alt.	HH21-108269	ASSAY	TB21288239	855.00	856.00	1.00	0.221	0.028	0.016	0.015	0.037	0.005
		Unit is more noritic towards end.	HH21-108270	ASSAY	TB21288239	856.00	857.00	1.00	0.064	0.008	0.017	0.015	0.024	0.003
		Gradational upper and lower contacts.	HH21-108271	ASSAY	TB21288239	857.00	858.00	1.00	0.268	0.033	0.028	0.024	0.028	0.003
			HH21-108272	ASSAY	TB21288239	858.00	859.00	1.00	0.146	0.016	0.016	0.017	0.026	0.003
			HH21-108273	ASSAY	TB21288239	859.00	860.00	1.00	1.480	0.213	0.091	0.039	0.049	0.005
			HH21-108274	ASSAY	TB21288239	860.00	861.00	1.00	3.390	0.403	0.214	0.088	0.092	0.007
			HH21-108275	ASSAY	TB21288239	861.00	862.00	1.00	1.900	0.225	0.094	0.028	0.053	0.005
			HH21-108277	ASSAY	TB21292543	862.00	863.00	1.00	5.170	0.595	0.441	0.093	0.120	0.008
			HH21-108278	ASSAY	TB21292543	863.00	864.00	1.00	5.770	0.659	0.484	0.124	0.134	0.008
			HH21-108279	ASSAY	TB21292543	864.00	865.00	1.00	0.120	0.019	0.013	0.011	0.025	0.003
			HH21-108280	ASSAY	TB21292543	865.00	866.00	1.00	2.370	0.246	0.164	0.060	0.075	0.006
			HH21-108281	ASSAY	TB21292543	866.00	867.00	1.00	0.344	0.053	0.016	0.015	0.026	0.003
			HH21-108282	ASSAY	TB21292543	867.00	868.00	1.00	0.764	0.094	0.023	0.019	0.033	0.003
			HH21-108283	ASSAY	TB21292543	868.00	869.00	1.00	7.070	0.826	0.499	0.142	0.144	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
869.00	906.00	NOR	HH21-108285	ASSAY	TB21292543	869.00	870.00	1.00	6.270	0.748	0.624	0.140	0.144	0.010
		NORITE	HH21-108286	ASSAY	TB21292543	870.00	871.00	1.00	3.600	0.426	0.320	0.085	0.094	0.008
		Dark grey, black, purple, white, green. Fine to coarse grained.	HH21-108287	ASSAY	TB21292543	871.00	872.00	1.00	2.040	0.239	0.184	0.045	0.069	0.006
		Plag phenocrysts are observable, but does display the classic "purple norite".	HH21-108288	ASSAY	TB21292543	872.00	873.00	1.00	4.760	0.529	0.326	0.088	0.111	0.008
		Coarser grained section from 886.47-897.90m.	HH21-108289	ASSAY	TB21292543	873.00	874.00	1.00	3.000	0.374	0.292	0.078	0.082	0.007
		Sulphides 1.5% fine to medium grained Py, Cpy, Po.	HH21-108290	ASSAY	TB21292543	874.00	875.00	1.00	4.030	0.424	0.224	0.061	0.072	0.006
		Mineralisation drops to 0.5% mg blebs with fg diss as well after 886.47m.	HH21-108291	ASSAY	TB21292543	875.00	876.00	1.00	3.860	0.466	0.244	0.069	0.081	0.007
		Moderate chl and act alteration. Moderate Na and epidote alt in plag around felsic intrusions.	HH21-108292	ASSAY	TB21292543	876.00	877.00	1.00	1.860	0.336	0.145	0.053	0.069	0.007
		Intermediate dike at 881.74-882.23m.	HH21-108293	ASSAY	TB21292543	877.00	878.00	1.00	2.290	0.267	0.208	0.079	0.091	0.008
		Felsic dikes at: 861.06-861.16m; 874.44-874.58m;	HH21-108294	ASSAY	TB21292543	878.00	879.00	1.00	3.220	0.415	0.284	0.116	0.117	0.009
		889.31-889.47m; 893.49-893.58m; 900.74-901.27m;	HH21-108295	ASSAY	TB21292543	879.00	880.00	1.00	0.401	0.065	0.047	0.017	0.036	0.005
		902.75-903.16m.	HH21-108296	ASSAY	TB21292543	880.00	881.00	1.00	0.125	0.025	0.015	0.007	0.034	0.005
			HH21-108297	ASSAY	TB21292543	881.00	882.00	1.00	0.125	0.026	0.010	0.012	0.027	0.004
			HH21-108298	ASSAY	TB21292543	882.00	883.00	1.00	4.020	0.459	0.350	0.119	0.080	0.006
			HH21-108300	ASSAY	TB21292543	883.00	884.00	1.00	4.460	0.521	0.406	0.128	0.103	0.008
			HH21-108301	ASSAY	TB21292543	884.00	885.00	1.00	3.800	0.442	0.247	0.075	0.092	0.008
			HH21-108302	ASSAY	TB21292543	885.00	886.00	1.00	2.110	0.259	0.199	0.053	0.065	0.007
			HH21-108303	ASSAY	TB21292543	886.00	887.00	1.00	8.040	0.960	0.502	0.151	0.172	0.011
			HH21-108304	ASSAY	TB21292543	887.00	888.00	1.00	6.540	0.737	0.358	0.109	0.128	0.007
			HH21-108305	ASSAY	TB21292543	888.00	889.00	1.00	3.470	0.387	0.216	0.064	0.083	0.007
			HH21-108306	ASSAY	TB21292543	889.00	890.00	1.00	0.118	0.026	0.016	0.009	0.029	0.004
			HH21-108307	ASSAY	TB21292543	890.00	891.00	1.00	0.097	0.017	0.020	0.008	0.029	0.004
			HH21-108308	ASSAY	TB21292543	891.00	892.00	1.00	0.501	0.070	0.046	0.018	0.042	0.006
			HH21-108309	ASSAY	TB21292543	892.00	893.00	1.00	2.820	0.383	0.268	0.088	0.097	0.009
			HH21-108310	ASSAY	TB21292543	893.00	894.00	1.00	0.468	0.070	0.044	0.023	0.046	0.007
			HH21-108311	ASSAY	TB21292543	894.00	895.00	1.00	0.133	0.028	0.005	0.003	0.032	0.005
			HH21-108312	ASSAY	TB21292543	895.00	896.00	1.00	0.122	0.022	0.007	0.005	0.031	0.005
			HH21-108313	ASSAY	TB21292543	896.00	897.00	1.00	0.160	0.040	0.002	0.003	0.034	0.005
			HH21-108315	ASSAY	TB21292543	897.00	898.00	1.00	0.265	0.042	0.008	0.006	0.035	0.005
			HH21-108316	ASSAY	TB21292543	898.00	899.00	1.00	1.700	0.217	0.161	0.074	0.090	0.011
			HH21-108317	ASSAY	TB21292543	899.00	900.00	1.00	0.494	0.070	0.068	0.024	0.057	0.011

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108318	ASSAY	TB21292543	900.00	901.00	1.00	1.720	0.190	0.114	0.081	0.092	0.010
			HH21-108319	ASSAY	TB21292543	901.00	902.00	1.00	1.940	0.206	0.116	0.054	0.081	0.008
			HH21-108320	ASSAY	TB21292543	902.00	903.00	1.00	2.330	0.265	0.239	0.097	0.094	0.009
			HH21-108321	ASSAY	TB21292543	903.00	904.00	1.00	0.128	0.032	0.005	0.007	0.037	0.007
			HH21-108322	ASSAY	TB21292543	904.00	905.00	1.00	0.224	0.041	0.014	0.009	0.039	0.007
			HH21-108323	ASSAY	TB21292543	905.00	906.00	1.00	2.170	0.271	0.139	0.083	0.094	0.010
906.00	911.86	LGAB	HH21-108324	ASSAY	TB21292543	906.00	907.00	1.00	0.490	0.066	0.044	0.031	0.032	0.006
LGAB			HH21-108325	ASSAY	TB21292543	907.00	908.00	1.00	0.111	0.015	0.002	0.006	0.023	0.003
Black, white, green. Mg to Cg. Pyx:Plag 30:70 to 20:80. Mostly diffuse grain boundaries.			HH21-108326	ASSAY	TB21292543	908.00	909.00	1.00	0.224	0.030	0.001	0.003	0.024	0.003
Trace mineralisation. Fg disseminated Py.			HH21-108327	ASSAY	TB21292543	909.00	910.00	1.00	0.829	0.088	0.012	0.004	0.028	0.003
Moderate Na-alt of the plag. Weak epidote alteration.			HH21-108328	ASSAY	TB21292543	910.00	911.00	1.00	0.185	0.024	0.005	0.004	0.028	0.004
Tonalite dike: 907.59-908.05m. A number of 5-8cm chunks of tonalite intermixed with the LGAB as well as some quartz. The quartz shows evidence of a 2cm offset.			HH21-108329	ASSAY	TB21292543	911.00	911.86	0.86	0.126	0.019	0.001	0.002	0.018	0.002
Felsic dike: 911.57-911.86m														
Sharp upper and lower contacts.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
911.86	929.24	GAB-Vt	HH21-108330	ASSAY	TB21292543	911.86	913.00	1.14	2.320	0.293	0.080	0.036	0.055	0.005
GAB-Vt			HH21-108331	ASSAY	TB21292543	913.00	914.00	1.00	2.320	0.269	0.057	0.030	0.051	0.005
Black, white, green, light brown. Fg to Mg. Pyx:Plag 40:60. Sharp to diffuse grain boundaries.			HH21-108332	ASSAY	TB21292543	914.00	915.00	1.00	1.470	0.181	0.045	0.029	0.043	0.004
Mineralisation 0.5% fg blebs and fg disseminated Py, Cpy. From 916-916.29m the blebs increase to mg.			HH21-108333	ASSAY	TB21292543	915.00	916.00	1.00	0.148	0.018	0.008	0.010	0.030	0.004
Weakly act and chl altered. Weak epidote alteration.			HH21-108335	ASSAY	TB21292543	916.00	917.00	1.00	1.470	0.168	0.026	0.049	0.053	0.007
Intermediate dike: 918.73-919.61m;			HH21-108336	ASSAY	TB21292543	917.00	918.00	1.00	0.175	0.028	0.003	0.004	0.021	0.003
920.20-920.38m.			HH21-108337	ASSAY	TB21292543	918.00	919.00	1.00	0.352	0.041	0.005	0.036	0.020	0.003
Mafic dike: 929.01-929.24m			HH21-108338	ASSAY	TB21292543	919.00	920.00	1.00	4.190	0.472	0.055	0.056	0.082	0.006
Sharp upper and lower contact.			HH21-108339	ASSAY	TB21292543	920.00	921.00	1.00	1.245	0.136	0.021	0.032	0.040	0.004
			HH21-108340	ASSAY	TB21292543	921.00	922.00	1.00	0.246	0.034	0.014	0.013	0.027	0.003
			HH21-108341	ASSAY	TB21292543	922.00	923.00	1.00	0.098	0.012	0.015	0.013	0.024	0.003
			HH21-108342	ASSAY	TB21292543	923.00	924.00	1.00	0.075	0.010	0.015	0.017	0.028	0.003
			HH21-108343	ASSAY	TB21292543	924.00	925.00	1.00	0.407	0.046	0.020	0.023	0.035	0.004
			HH21-108344	ASSAY	TB21292543	925.00	926.00	1.00	0.292	0.035	0.012	0.022	0.034	0.004
			HH21-108346	ASSAY	TB21292543	926.00	927.00	1.00	0.190	0.025	0.003	0.016	0.028	0.003
			HH21-108347	ASSAY	TB21292543	927.00	928.00	1.00	0.897	0.095	0.035	0.028	0.037	0.004
			HH21-108348	ASSAY	TB21292543	928.00	929.24	1.24	0.212	0.021	0.015	0.033	0.023	0.004
929.24	940.97	LGAB	HH21-108349	ASSAY	TB21292543	929.24	930.00	0.76	0.562	0.066	0.007	0.007	0.019	0.002
LGAB			HH21-108350	ASSAY	TB21292543	930.00	931.00	1.00	0.796	0.090	0.015	0.011	0.025	0.002
Similar to the LGAB unit above. Black, white, green.			HH21-108351	ASSAY	TB21292543	931.00	932.00	1.00	1.095	0.120	0.012	0.011	0.026	0.002
Mg to Cg. Pyx:Plag 30:70 to 20:80. Diffuse grain boundaries.			HH21-108352	ASSAY	TB21292543	932.00	933.00	1.00	0.373	0.040	0.002	0.004	0.020	0.002
Trace mineralisation. Fg blebs Py.			HH21-108353	ASSAY	TB21292543	933.00	934.00	1.00	0.031	0.003	0.014	0.031	0.037	0.004
Weak sericite, chl and act alt.			HH21-108355	ASSAY	TB21299760	934.00	935.00	1.00	0.038	0.003	0.001	0.004	0.017	0.002
Stongly K-altered felsic dike from 934.57-935.43m.			HH21-108356	ASSAY	TB21299760	935.00	936.00	1.00	0.180	0.017	0.013	0.001	0.016	0.002
Sharp upper contact, gradational lower contact.			HH21-108357	ASSAY	TB21299760	936.00	937.00	1.00	0.155	0.017	0.002	0.007	0.025	0.003
			HH21-108358	ASSAY	TB21299760	937.00	938.00	1.00	0.010	0.003	0.002	0.004	0.020	0.003
			HH21-108359	ASSAY	TB21299760	938.00	939.00	1.00	0.203	0.019	0.006	0.013	0.036	0.004
			HH21-108360	ASSAY	TB21299760	939.00	940.00	1.00	0.111	0.012	0.006	0.013	0.027	0.003
			HH21-108361	ASSAY	TB21299760	940.00	940.97	0.97	0.010	0.003	0.001	0.005	0.020	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
940.97	968.08	GAB-Vt	HH21-108362	ASSAY	TB21299760	940.97	942.00	1.03	0.025	0.003	0.009	0.026	0.036	0.004
		GAB-Vt	HH21-108363	ASSAY	TB21299760	942.00	943.00	1.00	0.398	0.055	0.016	0.037	0.042	0.005
		Green, black, white, purple. Fg to Mg. Pyx:Plag 40:60. Sharp to diffuse grain boundaries.	HH21-108364	ASSAY	TB21299760	943.00	944.00	1.00	0.033	0.003	0.006	0.017	0.033	0.005
		Unit becomes more fine grained and appears more noritic towards 948m. Section of norite from 959-960m.	HH21-108365	ASSAY	TB21299760	944.00	945.00	1.00	0.025	0.003	0.012	0.023	0.032	0.004
		Trace mineralisation, Fine grained disseminated and blebs Py.	HH21-108366	ASSAY	TB21299760	945.00	946.00	1.00	0.199	0.018	0.010	0.015	0.032	0.005
		Moderate chl and act alt. Weak na alt.	HH21-108367	ASSAY	TB21299760	946.00	947.00	1.00	0.002	0.003	0.002	0.011	0.026	0.004
		Felsic dike: 947.25-947.37m. 967.48-968.08m	HH21-108368	ASSAY	TB21299760	947.00	948.00	1.00	0.023	0.003	0.005	0.030	0.053	0.008
		Gradational upper and lower contacts.	HH21-108370	ASSAY	TB21299760	948.00	949.00	1.00	0.006	0.003	0.013	0.031	0.044	0.005
			HH21-108371	ASSAY	TB21299760	949.00	950.00	1.00	0.188	0.017	0.011	0.015	0.037	0.006
			HH21-108372	ASSAY	TB21299760	950.00	951.00	1.00	0.031	0.003	0.005	0.009	0.029	0.005
			HH21-108373	ASSAY	TB21299760	951.00	952.00	1.00	0.171	0.018	0.006	0.013	0.035	0.006
			HH21-108374	ASSAY	TB21299760	952.00	953.00	1.00	0.001	0.003	0.001	0.008	0.030	0.006
			HH21-108375	ASSAY	TB21299760	953.00	954.00	1.00	0.001	0.003	0.002	0.007	0.031	0.006
			HH21-108376	ASSAY	TB21299760	954.00	955.00	1.00	1.520	0.166	0.073	0.035	0.050	0.008
			HH21-108377	ASSAY	TB21299760	955.00	956.00	1.00	0.003	0.003	0.002	0.008	0.027	0.005
			HH21-108379	ASSAY	TB21299760	956.00	957.00	1.00	0.092	0.011	0.006	0.009	0.029	0.005
			HH21-108380	ASSAY	TB21299760	957.00	958.00	1.00	0.001	0.003	0.004	0.009	0.027	0.005
			HH21-108381	ASSAY	TB21299760	958.00	959.00	1.00	0.002	0.003	0.002	0.008	0.027	0.005
			HH21-108382	ASSAY	TB21299760	959.00	960.00	1.00	0.001	0.003	0.002	0.010	0.029	0.005
			HH21-108383	ASSAY	TB21299760	960.00	961.00	1.00	0.005	0.003	0.003	0.011	0.028	0.005
			HH21-108384	ASSAY	TB21299760	961.00	962.00	1.00	0.004	0.003	0.003	0.010	0.028	0.005
			HH21-108385	ASSAY	TB21299760	962.00	963.00	1.00	0.034	0.006	0.005	0.010	0.027	0.005
			HH21-108386	ASSAY	TB21299760	963.00	964.00	1.00	0.001	0.003	0.003	0.009	0.027	0.005
			HH21-108387	ASSAY	TB21299760	964.00	965.00	1.00	1.560	0.188	0.056	0.037	0.050	0.006
			HH21-108388	ASSAY	TB21299760	965.00	966.00	1.00	1.000	0.138	0.141	0.036	0.054	0.007
			HH21-108389	ASSAY	TB21299760	966.00	967.00	1.00	0.438	0.054	0.017	0.014	0.039	0.006
			HH21-108390	ASSAY	TB21299760	967.00	968.08	1.08	0.114	0.016	0.004	0.005	0.026	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
968.08	973.46	EGAB	HH21-108391	ASSAY	TB21299760	968.08	969.00	0.92	0.094	0.020	0.005	0.004	0.034	0.005
		EGAB	HH21-108392	ASSAY	TB21299760	969.00	970.00	1.00	0.098	0.021	0.010	0.007	0.033	0.005
		White, black, grey, green. Medium grained. Pyx:Plag 40:60. Sharp to diffuse grain boundaries, mainly diffuse.	HH21-108393	ASSAY	TB21299760	970.00	971.00	1.00	0.115	0.022	0.007	0.005	0.030	0.005
		Trace mineralisation; diss Py.	HH21-108395	ASSAY	TB21299760	971.00	972.20	1.20	0.114	0.030	0.017	0.007	0.035	0.006
		Moderate epidote alteration. Mod chl and act alt.	HH21-108396	ASSAY	TB21299760	972.20	973.46	1.26	0.236	0.073	0.012	0.014	0.030	0.005
		Gradational upper and lower contacts.												
973.46	979.95	GAB-Vt	HH21-108397	ASSAY	TB21299760	973.46	974.25	0.79	0.115	0.051	0.006	0.006	0.039	0.006
		GAB-Vt	HH21-108398	ASSAY	TB21299760	974.25	975.00	0.75	0.265	0.077	0.012	0.011	0.039	0.006
		Grey, green, black, purple. Fg to Mg with some pegmatitic sections. Pyx:Plag 40:60. Mostly diffuse grain boundaries.	HH21-108399	ASSAY	TB21299760	975.00	976.00	1.00	0.814	0.180	0.035	0.023	0.039	0.005
		Trace mineralisation of fg diss Py. Small section from 974.9-975.1m of coarse grained pyrite blebs.	HH21-108400	ASSAY	TB21299760	976.00	977.00	1.00	0.130	0.030	0.017	0.011	0.027	0.004
		Moderate chl and act alt. Weak k-alt.	HH21-108401	ASSAY	TB21299760	977.00	978.00	1.00	0.095	0.027	0.016	0.008	0.027	0.004
		Felsic dikes: 975.10-975.35m	HH21-108402	ASSAY	TB21299760	978.00	979.00	1.00	0.982	0.237	0.069	0.023	0.043	0.006
		Mafic dike: 975.46-975.53m.	HH21-108403	ASSAY	TB21299760	979.00	979.95	0.95	0.662	0.156	0.044	0.012	0.039	0.005
		Gradational upper and lower contacts.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
979.95	1,012.00	NOR	HH21-108404	ASSAY	TB21299760	979.95	981.00	1.05	0.624	0.122	0.021	0.011	0.052	0.007
		NOR	HH21-108405	ASSAY	TB21299760	981.00	982.00	1.00	0.635	0.101	0.027	0.008	0.042	0.006
		Grey, purple, green. Fine to medium grained.	HH21-108406	ASSAY	TB21299760	982.00	983.00	1.00	0.490	0.093	0.032	0.015	0.049	0.008
		Pyx:Plag 60:40. Sharp and diffuse grain boundaries.	HH21-108407	ASSAY	TB21299760	983.00	984.00	1.00	0.245	0.060	0.024	0.012	0.038	0.006
		Beginning of unit is moderately altered with alteration	HH21-108409	ASSAY	TB21299760	984.00	985.00	1.00	0.132	0.027	0.018	0.010	0.041	0.007
		weakening around 991m and then increasing	HH21-108410	ASSAY	TB21299760	985.00	986.00	1.00	0.741	0.114	0.059	0.025	0.049	0.007
		between 1015-1025m.	HH21-108411	ASSAY	TB21299760	986.00	987.00	1.00	0.053	0.015	0.007	0.005	0.043	0.008
		Trace diss Py min. Interval of increase abundance of	HH21-108412	ASSAY	TB21299760	987.00	988.00	1.00	0.061	0.017	0.013	0.008	0.042	0.007
		min, to about 2% at 1041-1044m. Py, Po, Cpy fg to	HH21-108413	ASSAY	TB21299760	988.00	989.00	1.00	0.058	0.019	0.010	0.008	0.042	0.007
		mg blebs and diss. Correlated with increased	HH21-108414	ASSAY	TB21299760	989.00	990.00	1.00	0.466	0.072	0.055	0.031	0.057	0.008
		concentrations of Ni and Cu (refer to XRF data sheet	HH21-108415	ASSAY	TB21299760	990.00	991.00	1.00	0.377	0.056	0.041	0.026	0.056	0.008
		for more details).	HH21-108416	ASSAY	TB21299760	991.00	992.00	1.00	0.078	0.022	0.013	0.010	0.047	0.008
		Felsic dikes: 985.08-985.16m; 985.26-985.37m;	HH21-108417	ASSAY	TB21299760	992.00	993.00	1.00	0.087	0.023	0.012	0.011	0.046	0.008
		1027.0-1027.20m; 1027.55-1027.61m	HH21-108418	ASSAY	TB21299760	993.00	994.00	1.00	0.130	0.029	0.017	0.013	0.050	0.008
		Intermediate dike: 1015.94-1016.17m.	HH21-108419	ASSAY	TB21299760	994.00	995.00	1.00	0.076	0.020	0.013	0.010	0.046	0.008
		Gradational upper contact and sharp lower contact.	HH21-108420	ASSAY	TB21299760	995.00	996.00	1.00	0.091	0.023	0.011	0.009	0.044	0.008
			HH21-108421	ASSAY	TB21299760	996.00	997.00	1.00	0.178	0.032	0.022	0.015	0.046	0.008
			HH21-108422	ASSAY	TB21299760	997.00	998.00	1.00	0.192	0.036	0.027	0.018	0.048	0.008
			HH21-108423	ASSAY	TB21299760	998.00	999.00	1.00	0.153	0.030	0.014	0.010	0.045	0.008
			HH21-108424	ASSAY	TB21299760	999.00	1000.00	1.00	0.119	0.029	0.017	0.012	0.049	0.009
			HH21-108425	ASSAY	TB21344298	1000.00	1001.00	1.00	0.113	0.026	0.011	0.010	0.051	0.009
			HH21-108426	ASSAY	TB21344298	1001.00	1002.00	1.00	0.121	0.028	0.012	0.022	0.054	0.009
			HH21-108427	ASSAY	TB21344298	1002.00	1003.00	1.00	0.119	0.030	0.013	0.011	0.051	0.009
			HH21-108429	ASSAY	TB21344298	1003.00	1004.00	1.00	0.124	0.034	0.016	0.011	0.054	0.009
			HH21-108430	ASSAY	TB21344298	1004.00	1005.00	1.00	0.106	0.026	0.013	0.009	0.050	0.009
			HH21-108431	ASSAY	TB21344298	1005.00	1006.00	1.00	0.139	0.034	0.016	0.009	0.051	0.009
			HH21-108433	ASSAY	TB21306911	1006.00	1007.00	1.00	0.164	0.033	0.029	0.013	0.052	0.009
			HH21-108434	ASSAY	TB21306911	1007.00	1008.00	1.00	0.140	0.031	0.015	0.009	0.048	0.009
			HH21-108435	ASSAY	TB21306911	1008.00	1009.00	1.00	0.092	0.023	0.010	0.007	0.047	0.008
			HH21-108436	ASSAY	TB21306911	1009.00	1010.00	1.00	0.077	0.024	0.012	0.007	0.046	0.008
			HH21-108437	ASSAY	TB21306911	1010.00	1011.00	1.00	0.387	0.057	0.046	0.015	0.052	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108438	ASSAY	TB21306911	1011.00	1012.00	1.00	0.989	0.123	0.084	0.024	0.047	0.006
1,012.00	1,041.00	EGAB												
Litho change based on geochemical data			HH21-108439	ASSAY	TB21306911	1012.00	1013.00	1.00	0.188	0.038	0.016	0.010	0.036	0.006
			HH21-108440	ASSAY	TB21306911	1013.00	1014.00	1.00	0.600	0.075	0.044	0.020	0.042	0.006
			HH21-108441	ASSAY	TB21306911	1014.00	1015.00	1.00	0.310	0.052	0.027	0.015	0.038	0.006
			HH21-108442	ASSAY	TB21306911	1015.00	1016.00	1.00	0.186	0.028	0.011	0.010	0.032	0.005
			HH21-108443	ASSAY	TB21306911	1016.00	1017.00	1.00	0.078	0.015	0.012	0.011	0.031	0.005
			HH21-108444	ASSAY	TB21306911	1017.00	1018.00	1.00	0.089	0.015	0.019	0.012	0.033	0.005
			HH21-108445	ASSAY	TB21306911	1018.00	1019.00	1.00	0.112	0.018	0.013	0.009	0.034	0.005
			HH21-108446	ASSAY	TB21306911	1019.00	1020.00	1.00	0.125	0.021	0.023	0.009	0.033	0.005
			HH21-108447	ASSAY	TB21306911	1020.00	1021.00	1.00	0.064	0.012	0.007	0.005	0.032	0.005
			HH21-108448	ASSAY	TB21306911	1021.00	1022.00	1.00	0.179	0.031	0.036	0.008	0.034	0.006
			HH21-108449	ASSAY	TB21306911	1022.00	1023.00	1.00	0.135	0.024	0.029	0.009	0.034	0.005
			HH21-108450	ASSAY	TB22024118	1023.00	1024.00	1.00	0.162	0.030	0.026	0.009	0.033	0.005
			HH21-108451	ASSAY	TB22024118	1024.00	1025.00	1.00	0.583	0.101	0.025	0.009	0.035	0.005
			HH21-108453	ASSAY	TB22024118	1025.00	1026.00	1.00	0.242	0.057	0.016	0.005	0.034	0.005
			HH21-108454	ASSAY	TB22024118	1026.00	1027.00	1.00	0.084	0.017	0.017	0.009	0.034	0.005
			HH21-108455	ASSAY	TB21306911	1027.00	1028.00	1.00	0.074	0.013	0.006	0.005	0.026	0.004
			HH21-108456	ASSAY	TB21306911	1028.00	1029.00	1.00	0.117	0.018	0.010	0.009	0.034	0.005
			HH21-108457	ASSAY	TB21306911	1029.00	1030.00	1.00	0.088	0.015	0.010	0.006	0.034	0.005
			HH21-108458	ASSAY	TB21306911	1030.00	1031.00	1.00	0.217	0.036	0.016	0.010	0.038	0.006
			HH21-108459	ASSAY	TB21306911	1031.00	1032.00	1.00	0.588	0.089	0.072	0.025	0.045	0.006
			HH21-108460	ASSAY	TB21306911	1032.00	1033.00	1.00	0.188	0.034	0.017	0.010	0.036	0.005
			HH21-108461	ASSAY	TB21306911	1033.00	1034.00	1.00	0.462	0.077	0.044	0.024	0.042	0.005
			HH21-108463	ASSAY	TB21306911	1034.00	1035.00	1.00	0.814	0.117	0.048	0.019	0.051	0.005
			HH21-108464	ASSAY	TB21306911	1035.00	1036.00	1.00	0.410	0.055	0.010	0.005	0.036	0.005
			HH21-108465	ASSAY	TB21306911	1036.00	1037.00	1.00	0.125	0.019	0.007	0.003	0.032	0.005
			HH21-108466	ASSAY	TB21306911	1037.00	1038.00	1.00	0.122	0.015	0.006	0.004	0.032	0.005
			HH21-108467	ASSAY	TB21306911	1038.00	1039.00	1.00	0.181	0.017	0.011	0.006	0.032	0.005
			HH21-108468	ASSAY	TB21306911	1039.00	1040.00	1.00	0.249	0.031	0.018	0.008	0.035	0.005
			HH21-108469	ASSAY	TB21306911	1040.00	1041.00	1.00	1.050	0.175	0.085	0.039	0.063	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,041.00	1,055.15	NOR	HH21-108470	ASSAY	TB21306911	1041.00	1042.00	1.00	4.760	0.631	0.475	0.203	0.200	0.011
		NOR	HH21-108471	ASSAY	TB21306911	1042.00	1043.00	1.00	4.220	0.565	0.413	0.149	0.155	0.011
		Grey, purple, green. Fine to medium grained.	HH21-108472	ASSAY	TB21306911	1043.00	1044.00	1.00	2.810	0.382	0.283	0.114	0.121	0.012
		Pyx:Plag 60:40. Sharp and diffuse grain boundaries.	HH21-108473	ASSAY	TB21306911	1044.00	1045.00	1.00	0.456	0.069	0.052	0.027	0.055	0.008
		Beginning of unit is moderately altered with alteration weakening around 991m and then increasing between 1015-1025m.	HH21-108474	ASSAY	TB21306911	1045.00	1046.00	1.00	0.093	0.021	0.012	0.013	0.045	0.008
		Trace diss Py min. Interval of increase abundance of min, to about 2% at 1041-1044m. Py, Po, Cpy fg to mg blebs and diss. Correlated with increased concentrations of Ni and Cu (refer to XRF data sheet for more details).	HH21-108475	ASSAY	TB21306911	1046.00	1047.00	1.00	0.079	0.017	0.015	0.012	0.044	0.008
			HH21-108476	ASSAY	TB21306911	1047.00	1048.00	1.00	0.103	0.021	0.017	0.014	0.046	0.008
			HH21-108478	ASSAY	TB21306911	1048.00	1049.00	1.00	0.330	0.063	0.055	0.029	0.053	0.008
			HH21-108479	ASSAY	TB21306911	1049.00	1050.00	1.00	0.159	0.026	0.028	0.018	0.046	0.007
		Felsic dikes: 985.08-985.16m; 985.26-985.37m; 1027.0-1027.20m; 1027.55-1027.61m	HH21-108480	ASSAY	TB21306911	1050.00	1051.00	1.00	0.199	0.039	0.029	0.017	0.049	0.008
		Intermediate dike: 1015.94-1016.17m.	HH21-108481	ASSAY	TB21306911	1051.00	1052.00	1.00	0.148	0.033	0.024	0.018	0.049	0.008
		Gradational upper contact and sharp lower contact.	HH21-108482	ASSAY	TB21306911	1052.00	1053.00	1.00	0.316	0.045	0.040	0.026	0.055	0.008
			HH21-108483	ASSAY	TB21306911	1053.00	1054.00	1.00	0.189	0.033	0.028	0.015	0.050	0.008
			HH21-108484	ASSAY	TB21306911	1054.00	1055.15	1.15	0.121	0.022	0.016	0.014	0.040	0.007
1,055.15	1,056.71	DIKE-Mafic	HH21-108485	ASSAY	TB21306911	1055.15	1056.00	0.85	0.011	0.003	0.006	0.011	0.005	0.004
		DIKE - MAFIC	HH21-108486	ASSAY	TB21306911	1056.00	1056.71	0.71	0.057	0.006	0.022	0.016	0.008	0.003
		Black. Fine grained.												
		Weakly altered. No mineralisation.												
		Tonalite vein: 1056-1056.09m.												
		Sharp upper, gradational lower contacts.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,056.71	1,085.13	NOR	HH21-108487	ASSAY	TB21306911	1056.71	1057.40	0.69	3.230	0.450	0.335	0.129	0.135	0.012
		NOR	HH21-108488	ASSAY	TB21306911	1057.40	1058.00	0.60	4.830	0.653	0.576	0.201	0.187	0.014
		Purple, grey, green, black. Fg to mg. Predom mg with a fine grained section at 1069.69-1070.62m. Pyx:Plag 60:40. Sharp and diffuse grain boundaries.	HH21-108489	ASSAY	TB21306911	1058.00	1059.00	1.00	3.900	0.538	0.496	0.205	0.188	0.013
		Overall, trace diss mineralisation, but an interval from 1057-1059m of increased (2%) mineralisation similar to the norite before the mafic dike. Fg blebs and diss Py, Po, Cpy. Correlates to high Ni and Cu as well (see XRF data).	HH21-108490	ASSAY	TB21306911	1059.00	1060.00	1.00	0.600	0.077	0.046	0.011	0.042	0.006
		Another interval of increased min at 1063.5-1065m, though do not have the high Ni and Cu concentrations.	HH21-108491	ASSAY	TB21306911	1060.00	1061.00	1.00	0.159	0.026	0.006	0.004	0.047	0.007
		Moderately chl and act alt.	HH21-108492	ASSAY	TB21306911	1061.00	1062.00	1.00	0.682	0.083	0.012	0.008	0.059	0.007
		Felsic dike 1059.44-1059.53m	HH21-108493	ASSAY	TB21306911	1062.00	1063.00	1.00	0.192	0.034	0.009	0.007	0.046	0.008
		Gradational upper contact. Lower contact marked by strong strain ~parallel to core axis	HH21-108494	ASSAY	TB21306911	1063.00	1064.00	1.00	0.946	0.131	0.069	0.036	0.070	0.008
			HH21-108496	ASSAY	TB21306911	1064.00	1065.00	1.00	2.760	0.389	0.339	0.132	0.136	0.012
			HH21-108497	ASSAY	TB21306911	1065.00	1066.00	1.00	0.178	0.037	0.023	0.014	0.041	0.007
			HH21-108498	ASSAY	TB21306911	1066.00	1067.00	1.00	0.144	0.030	0.026	0.016	0.046	0.008
			HH21-108499	ASSAY	TB21306911	1067.00	1068.00	1.00	0.134	0.027	0.023	0.015	0.048	0.008
			HH21-108500	ASSAY	TB21306911	1068.00	1069.00	1.00	0.182	0.032	0.031	0.017	0.047	0.008
			HH21-108502	ASSAY	TB21306911	1069.00	1070.00	1.00	0.156	0.027	0.032	0.017	0.045	0.006
			HH21-108503	ASSAY	TB21306911	1070.00	1071.00	1.00	0.141	0.029	0.019	0.017	0.046	0.007
			HH21-108504	ASSAY	TB21306911	1071.00	1072.00	1.00	0.260	0.040	0.031	0.020	0.055	0.008
			HH21-108505	ASSAY	TB21306911	1072.00	1073.00	1.00	0.090	0.024	0.018	0.014	0.048	0.008
			HH21-108506	ASSAY	TB21306911	1073.00	1074.00	1.00	0.126	0.028	0.019	0.013	0.047	0.008
			HH21-108507	ASSAY	TB21306911	1074.00	1075.00	1.00	0.142	0.035	0.017	0.013	0.049	0.008
			HH21-108508	ASSAY	TB21306911	1075.00	1076.00	1.00	0.132	0.029	0.021	0.015	0.049	0.008
			HH21-108509	ASSAY	TB21306911	1076.00	1077.00	1.00	0.326	0.052	0.040	0.022	0.058	0.009
			HH21-108511	ASSAY	TB21306910	1077.00	1078.00	1.00	0.222	0.041	0.029	0.015	0.051	0.008
			HH21-108512	ASSAY	TB21306910	1078.00	1079.00	1.00	0.164	0.034	0.022	0.013	0.051	0.008
			HH21-108513	ASSAY	TB21306910	1079.00	1080.00	1.00	0.160	0.031	0.037	0.013	0.050	0.008
			HH21-108514	ASSAY	TB21306910	1080.00	1081.00	1.00	0.180	0.033	0.022	0.008	0.051	0.008
			HH21-108515	ASSAY	TB21306910	1081.00	1082.00	1.00	0.090	0.023	0.008	0.005	0.034	0.005
			HH21-108516	ASSAY	TB21306910	1082.00	1083.00	1.00	0.268	0.046	0.039	0.018	0.051	0.008
			HH21-108518	ASSAY	TB21306910	1083.00	1084.00	1.00	0.137	0.031	0.021	0.013	0.051	0.008
			HH21-108519	ASSAY	TB21306910	1084.00	1085.13	1.13	0.271	0.046	0.027	0.008	0.052	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,085.13	1,091.40	GAB-Vt	HH21-108520	ASSAY	TB21306910	1085.13	1086.00	0.87	0.149	0.031	0.023	0.009	0.051	0.007
		GAB-Vt Dominantly medium-grained with lesser coarse-grained and fine-grained phases. Appears noritic ~1090m+ depth, but pXRF data suggests a noritic/gabbroic mixing. Lower contact chosen where another strong strain zone occurs ~parallel to core axis. Moderate semi-pervasive chl-act alt. Trace diss py-po-cpy mineralization.	HH21-108521	ASSAY	TB21306910	1086.00	1087.00	1.00	0.618	0.080	0.069	0.033	0.056	0.006
			HH21-108522	ASSAY	TB21306910	1087.00	1088.00	1.00	0.090	0.021	0.020	0.010	0.048	0.007
			HH21-108523	ASSAY	TB21306910	1088.00	1089.00	1.00	0.186	0.044	0.015	0.006	0.053	0.008
			HH21-108524	ASSAY	TB21306910	1089.00	1090.00	1.00	0.748	0.075	0.067	0.033	0.040	0.006
			HH21-108525	ASSAY	TB21306910	1090.00	1091.40	1.40	0.508	0.063	0.048	0.023	0.044	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,091.40	1,186.30	NOR	HH21-108526	ASSAY	TB21306910	1091.40	1092.00	0.60	0.174	0.031	0.033	0.011	0.046	0.007
		NOR	HH21-108527	ASSAY	TB21306910	1092.00	1093.00	1.00	0.174	0.032	0.066	0.021	0.051	0.008
		Purple, grey, green, black. Fg to mg. Predom mg with lesser/trace fg phases. Pyx:Plag 60:40. Sharp and diffuse grain boundaries. pXRF data suggests gabbro 1094-1099m depth however, presence of bronzite and appearance of norite led to being lumped in this lithology. GAB-Vt intervals occur ~1139.60-1140.50m and 1147.10-1147.70m depth and intermittently throughout.	HH21-108528	ASSAY	TB21306910	1093.00	1094.00	1.00	0.697	0.110	0.114	0.058	0.045	0.006
		Overall, trace fg diss Py, Po, Cpy mineralisation except an interval from 1111-1112m of increased (2%) mineralization and in the GAB-Vt pulse ~1147.10-1147.70m depth. Moderately chl and act alt.	HH21-108529	ASSAY	TB21306910	1094.00	1095.00	1.00	0.638	0.101	0.088	0.044	0.041	0.006
		Felsic dikes common ~1123-1125m depth and trace/occasional felsic dikelets throughout. Somewhat arbitrary lower contact into GAB-Vt.	HH21-108530	ASSAY	TB21306910	1095.00	1096.00	1.00	0.157	0.032	0.027	0.016	0.032	0.005
			HH21-108531	ASSAY	TB21306910	1096.00	1097.00	1.00	0.518	0.071	0.086	0.044	0.042	0.006
			HH21-108532	ASSAY	TB21306910	1097.00	1098.00	1.00	0.233	0.039	0.027	0.014	0.032	0.005
			HH21-108534	ASSAY	TB21306910	1098.00	1099.00	1.00	0.102	0.020	0.016	0.010	0.030	0.005
			HH21-108535	ASSAY	TB21306910	1099.00	1100.00	1.00	0.180	0.032	0.025	0.014	0.043	0.007
			HH21-108536	ASSAY	TB21306910	1100.00	1101.00	1.00	0.777	0.082	0.065	0.028	0.060	0.009
			HH21-108537	ASSAY	TB21306910	1101.00	1102.00	1.00	0.121	0.029	0.031	0.009	0.052	0.009
			HH21-108538	ASSAY	TB21306910	1102.00	1103.00	1.00	0.157	0.036	0.039	0.011	0.053	0.009
			HH21-108539	ASSAY	TB21306910	1103.00	1104.00	1.00	0.235	0.042	0.060	0.015	0.056	0.009
			HH21-108540	ASSAY	TB21306910	1104.00	1105.00	1.00	0.239	0.049	0.051	0.015	0.052	0.008
			HH21-108541	ASSAY	TB21306910	1105.00	1106.00	1.00	0.189	0.035	0.035	0.010	0.053	0.008
			HH21-108542	ASSAY	TB21306910	1106.00	1107.00	1.00	0.324	0.058	0.061	0.016	0.059	0.009
			HH21-108543	ASSAY	TB21306910	1107.00	1108.00	1.00	0.400	0.068	0.104	0.029	0.063	0.009
			HH21-108544	ASSAY	TB21306910	1108.00	1109.00	1.00	0.633	0.106	0.175	0.045	0.074	0.009
			HH21-108545	ASSAY	TB21306910	1109.00	1110.00	1.00	1.270	0.205	0.242	0.079	0.098	0.010
			HH21-108546	ASSAY	TB21306910	1110.00	1111.00	1.00	1.235	0.146	0.174	0.049	0.076	0.009
			HH21-108547	ASSAY	TB21306910	1111.00	1112.00	1.00	3.800	0.474	0.458	0.183	0.144	0.009
			HH21-108548	ASSAY	TB21306910	1112.00	1113.00	1.00	0.119	0.032	0.012	0.008	0.042	0.007
			HH21-108549	ASSAY	TB21306910	1113.00	1114.00	1.00	0.951	0.144	0.103	0.051	0.071	0.007
			HH21-108550	ASSAY	TB21306910	1114.00	1115.00	1.00	0.807	0.108	0.076	0.049	0.052	0.006
			HH21-108552	ASSAY	TB21306910	1115.00	1116.00	1.00	0.204	0.039	0.020	0.011	0.048	0.007
			HH21-108553	ASSAY	TB21306910	1116.00	1117.00	1.00	0.635	0.095	0.115	0.036	0.061	0.007
			HH21-108554	ASSAY	TB21306910	1117.00	1118.00	1.00	0.122	0.030	0.010	0.007	0.038	0.006
			HH21-108555	ASSAY	TB21306910	1118.00	1119.00	1.00	0.110	0.029	0.014	0.009	0.042	0.007
			HH21-108556	ASSAY	TB21306910	1119.00	1120.00	1.00	0.093	0.026	0.011	0.007	0.043	0.007
			HH21-108557	ASSAY	TB21306910	1120.00	1121.00	1.00	0.180	0.028	0.016	0.011	0.047	0.007
			HH21-108558	ASSAY	TB21306910	1121.00	1122.00	1.00	0.804	0.103	0.023	0.014	0.061	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108559	ASSAY	TB21306910	1122.00	1123.00	1.00	0.068	0.017	0.019	0.013	0.050	0.008
			HH21-108560	ASSAY	TB21306910	1123.00	1124.00	1.00	0.047	0.013	0.005	0.005	0.023	0.004
			HH21-108561	ASSAY	TB21306910	1124.00	1125.00	1.00	0.074	0.015	0.007	0.005	0.027	0.004
			HH21-108562	ASSAY	TB21306910	1125.00	1126.00	1.00	0.108	0.029	0.008	0.010	0.059	0.009
			HH21-108563	ASSAY	TB21306910	1126.00	1127.00	1.00	0.080	0.026	0.009	0.008	0.054	0.009
			HH21-108564	ASSAY	TB21306910	1127.00	1128.00	1.00	0.098	0.027	0.007	0.008	0.055	0.009
			HH21-108565	ASSAY	TB21306910	1128.00	1129.00	1.00	0.115	0.027	0.006	0.006	0.045	0.007
			HH21-108566	ASSAY	TB21306910	1129.00	1130.00	1.00	0.168	0.033	0.004	0.007	0.041	0.007
			HH21-108567	ASSAY	TB21306910	1130.00	1131.00	1.00	0.182	0.034	0.017	0.012	0.042	0.006
			HH21-108568	ASSAY	TB21306910	1131.00	1132.00	1.00	0.126	0.027	0.010	0.009	0.041	0.007
			HH21-108569	ASSAY	TB21306910	1132.00	1133.00	1.00	0.122	0.028	0.011	0.008	0.042	0.007
			HH21-108570	ASSAY	TB21306910	1133.00	1134.00	1.00	0.578	0.094	0.055	0.036	0.053	0.008
			HH21-108572	ASSAY	TB21306910	1134.00	1135.00	1.00	0.259	0.045	0.036	0.019	0.034	0.005
			HH21-108573	ASSAY	TB21306910	1135.00	1136.00	1.00	0.235	0.040	0.019	0.009	0.037	0.006
			HH21-108574	ASSAY	TB21306910	1136.00	1137.00	1.00	1.130	0.147	0.077	0.044	0.064	0.008
			HH21-108575	ASSAY	TB21306910	1137.00	1138.00	1.00	2.770	0.346	0.191	0.073	0.092	0.012
			HH21-108576	ASSAY	TB21306910	1138.00	1139.00	1.00	0.170	0.028	0.006	0.003	0.044	0.007
			HH21-108577	ASSAY	TB21306910	1139.00	1140.00	1.00	0.507	0.074	0.034	0.023	0.053	0.007
			HH21-108579	ASSAY	TB21306910	1140.00	1141.00	1.00	0.166	0.031	0.025	0.015	0.032	0.005
			HH21-108580	ASSAY	TB21306910	1141.00	1142.00	1.00	0.073	0.015	0.009	0.008	0.042	0.007
			HH21-108581	ASSAY	TB21306910	1142.00	1143.00	1.00	0.312	0.048	0.016	0.013	0.045	0.006
			HH21-108582	ASSAY	TB21306910	1143.00	1144.00	1.00	0.101	0.027	0.011	0.009	0.051	0.008
			HH21-108583	ASSAY	TB21306910	1144.00	1145.00	1.00	0.252	0.045	0.022	0.011	0.048	0.007
			HH21-108584	ASSAY	TB21306910	1145.00	1146.00	1.00	0.124	0.031	0.012	0.008	0.053	0.008
			HH21-108585	ASSAY	TB21306910	1146.00	1147.00	1.00	0.497	0.091	0.018	0.012	0.055	0.008
			HH21-108586	ASSAY	TB21306910	1147.00	1148.00	1.00	3.000	0.405	0.223	0.171	0.129	0.011
			HH21-108587	ASSAY	TB21306910	1148.00	1149.00	1.00	0.091	0.021	0.006	0.007	0.038	0.006
			HH21-108589	ASSAY	TB21314307	1149.00	1150.00	1.00	0.096	0.021	0.006	0.007	0.046	0.007
			HH21-108590	ASSAY	TB21314307	1150.00	1151.00	1.00	0.087	0.023	0.008	0.006	0.039	0.006
			HH21-108591	ASSAY	TB21314307	1151.00	1152.00	1.00	0.105	0.027	0.007	0.006	0.044	0.007
			HH21-108592	ASSAY	TB21314307	1152.00	1153.00	1.00	0.125	0.029	0.005	0.005	0.042	0.007
			HH21-108593	ASSAY	TB21314307	1153.00	1154.00	1.00	0.104	0.027	0.007	0.007	0.045	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108594	ASSAY	TB22024080	1154.00	1155.00	1.00	0.386	0.054	0.028	0.012	0.048	0.007
			HH21-108595	ASSAY	TB22024080	1155.00	1156.00	1.00	1.305	0.175	0.119	0.055	0.059	0.007
			HH21-108596	ASSAY	TB22024080	1156.00	1157.00	1.00	0.347	0.047	0.032	0.013	0.047	0.007
			HH21-108597	ASSAY	TB22024080	1157.00	1158.00	1.00	0.155	0.030	0.015	0.008	0.043	0.007
			HH21-108598	ASSAY	TB22024080	1158.00	1159.00	1.00	0.527	0.067	0.072	0.017	0.051	0.007
			HH21-108599	ASSAY	TB22024080	1159.00	1160.00	1.00	0.094	0.024	0.004	0.005	0.048	0.008
			HH21-108601	ASSAY	TB22024080	1160.00	1161.00	1.00	0.127	0.024	0.010	0.008	0.044	0.007
			HH21-108602	ASSAY	TB22024080	1161.00	1162.00	1.00	0.078	0.018	0.004	0.005	0.042	0.007
			HH21-108603	ASSAY	TB22024080	1162.00	1163.00	1.00	0.072	0.019	0.002	0.005	0.039	0.006
			HH21-108604	ASSAY	TB21314307	1163.00	1164.00	1.00	0.074	0.020	0.002	0.005	0.041	0.006
			HH21-108605	ASSAY	TB21314307	1164.00	1165.00	1.00	0.072	0.016	0.002	0.005	0.036	0.006
			HH21-108606	ASSAY	TB21314307	1165.00	1166.00	1.00	0.080	0.019	0.004	0.006	0.034	0.005
			HH21-108607	ASSAY	TB21314307	1166.00	1167.00	1.00	1.005	0.144	0.074	0.022	0.057	0.007
			HH21-108608	ASSAY	TB21314307	1167.00	1168.00	1.00	0.072	0.015	0.002	0.003	0.033	0.005
			HH21-108609	ASSAY	TB21314307	1168.00	1169.00	1.00	0.126	0.022	0.005	0.006	0.035	0.005
			HH21-108610	ASSAY	TB21314307	1169.00	1170.00	1.00	0.092	0.016	0.009	0.006	0.035	0.005
			HH21-108611	ASSAY	TB21314307	1170.00	1171.00	1.00	0.750	0.118	0.071	0.020	0.060	0.008
			HH21-108612	ASSAY	TB21314307	1171.00	1172.00	1.00	0.439	0.061	0.043	0.013	0.038	0.005
			HH21-108613	ASSAY	TB21314307	1172.00	1173.00	1.00	0.093	0.019	0.008	0.008	0.033	0.005
			HH21-108614	ASSAY	TB21314307	1173.00	1174.00	1.00	0.084	0.021	0.006	0.008	0.034	0.005
			HH21-108615	ASSAY	TB21314307	1174.00	1175.00	1.00	0.312	0.058	0.019	0.009	0.043	0.006
			HH21-108616	ASSAY	TB21314307	1175.00	1176.00	1.00	0.553	0.116	0.031	0.011	0.047	0.007
			HH21-108618	ASSAY	TB21314307	1176.00	1177.00	1.00	1.300	0.180	0.063	0.017	0.050	0.006
			HH21-108619	ASSAY	TB21314307	1177.00	1178.00	1.00	0.153	0.031	0.011	0.007	0.042	0.006
			HH21-108620	ASSAY	TB21314307	1178.00	1179.00	1.00	2.290	0.306	0.368	0.093	0.083	0.010
			HH21-108621	ASSAY	TB21314307	1179.00	1180.00	1.00	1.405	0.192	0.122	0.039	0.077	0.009
			HH21-108622	ASSAY	TB21314307	1180.00	1181.00	1.00	0.114	0.034	0.019	0.007	0.042	0.006
			HH21-108623	ASSAY	TB21314307	1181.00	1182.00	1.00	0.061	0.030	0.017	0.008	0.050	0.007
			HH21-108624	ASSAY	TB21314307	1182.00	1183.00	1.00	0.508	0.073	0.060	0.017	0.057	0.008
			HH21-108625	ASSAY	TB21314307	1183.00	1184.00	1.00	1.480	0.209	0.118	0.034	0.062	0.006
			HH21-108626	ASSAY	TB21314307	1184.00	1185.00	1.00	0.112	0.055	0.027	0.012	0.038	0.005
			HH21-108627	ASSAY	TB21314307	1185.00	1186.30	1.30	0.099	0.045	0.007	0.008	0.037	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,186.30	1,190.60	GAB-Vt	HH21-108628	ASSAY	TB21314307	1186.30	1187.00	0.70	0.088	0.045	0.011	0.007	0.036	0.005
		GAB-Vt - Green and white. Dominantly medium-grained with lesser coarse-grained and fine-grained phases. Moderate semi-pervasive chl-act alt. Felsic pulses common ~1188-1190m depth. Strained from felsic injections otherwise massive. Nil to trace diss py+/-po+/-cpy mineralization. Somewhat arbitrary lower contact.	HH21-108629	ASSAY	TB21314307	1187.00	1188.00	1.00	0.088	0.043	0.011	0.005	0.029	0.004
			HH21-108630	ASSAY	TB21314307	1188.00	1189.00	1.00	0.066	0.036	0.017	0.008	0.027	0.004
			HH21-108631	ASSAY	TB21314307	1189.00	1190.00	1.00	0.084	0.047	0.010	0.007	0.031	0.005
			HH21-108633	ASSAY	TB21314307	1190.00	1190.60	0.60	0.093	0.049	0.006	0.004	0.034	0.005
1,190.60	1,204.50	NOR	HH21-108634	ASSAY	TB21314307	1190.60	1192.00	1.40	1.650	0.232	0.162	0.044	0.072	0.007
		NOR Dark purple and grey/green. Fg to mg. Predom mg with lesser/trace fg phases. Pyx:Plag 60:40. Sharp and diffuse grain boundaries. Overall, trace up to 0.5% fg diss and fg-mg blebby Py, Po, Cpy mineralisation. Moderate-strong chl and act alt. Occasional felsic dikes/dikelets. A fine-grained phase with weak shearing presnt 1193.10-1194m depth ~30dtca. Somewhat arbitrary lower contact into GAB-Vt where coarse-grained plag becomes dominant texture and pXRF values reflect gabbro.	HH21-108635	ASSAY	TB21314307	1192.00	1193.00	1.00	1.865	0.229	0.217	0.062	0.088	0.008
			HH21-108636	ASSAY	TB21314307	1193.00	1194.00	1.00	0.603	0.069	0.061	0.035	0.053	0.007
			HH21-108637	ASSAY	TB21314307	1194.00	1195.00	1.00	0.603	0.098	0.064	0.022	0.113	0.009
			HH21-108638	ASSAY	TB21314307	1195.00	1196.00	1.00	3.670	0.434	0.322	0.085	0.123	0.010
			HH21-108639	ASSAY	TB21314307	1196.00	1197.00	1.00	3.580	0.401	0.367	0.101	0.121	0.009
			HH21-108640	ASSAY	TB21314307	1197.00	1198.00	1.00	2.810	0.330	0.302	0.066	0.106	0.009
			HH21-108641	ASSAY	TB21314307	1198.00	1199.00	1.00	3.330	0.389	0.183	0.054	0.120	0.009
			HH21-108642	ASSAY	TB21314307	1199.00	1200.00	1.00	1.320	0.187	0.127	0.035	0.101	0.009
			HH21-108643	ASSAY	TB21314307	1200.00	1201.00	1.00	1.500	0.193	0.116	0.028	0.106	0.009
			HH21-108644	ASSAY	TB21314307	1201.00	1202.00	1.00	2.190	0.255	0.229	0.070	0.091	0.007
			HH21-108645	ASSAY	TB21314307	1202.00	1203.25	1.25	4.160	0.433	0.494	0.107	0.134	0.009
		HH21-108646	ASSAY	TB21314307	1203.25	1204.50	1.25	2.080	0.259	0.243	0.054	0.092	0.008	
1,204.50	1,206.20	GAB-Vt	HH21-108647	ASSAY	TB21314307	1204.50	1205.00	0.50	2.940	0.339	0.215	0.055	0.082	0.007
		GAB-Vt - Green and white. Mg-cg. Plag/pyx ratio ~65/35. Moderate chl-act alt. Trace mineralization. Massive. Arbitrary lower contact.	HH21-108648	ASSAY	TB21314307	1205.00	1206.20	1.20	0.089	0.014	0.006	0.003	0.032	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,206.20	1,216.45	NOR	HH21-108649	ASSAY	TB21314307	1206.20	1207.00	0.80	1.035	0.129	0.094	0.027	0.066	0.007
		<p>NOR - Dark purple and grey/green. Medium-grained with occasional coarse-grained phase. Pyx:Plag 70:30. Sharp and diffuse grain boundaries. One cg GAB-Vt phase ~1212.70-1213.15m depth. Overall, trace fg diss and fg-mg blebby Py, Po, Cpy mineralisation. Moderate-strong pervasive chl and act alt. Massive. Sharp lower contact into coarse-grained GAB-Vt</p>	HH21-108651	ASSAY	TB21314307	1207.00	1208.00	1.00	1.445	0.181	0.118	0.035	0.078	0.008
			HH21-108652	ASSAY	TB21314307	1208.00	1209.00	1.00	1.180	0.208	0.059	0.014	0.178	0.014
			HH21-108653	ASSAY	TB21314307	1209.00	1210.00	1.00	0.482	0.084	0.049	0.017	0.086	0.009
			HH21-108654	ASSAY	TB21314307	1210.00	1211.00	1.00	1.350	0.214	0.211	0.034	0.095	0.008
			HH21-108655	ASSAY	TB21314307	1211.00	1212.00	1.00	1.040	0.113	0.124	0.032	0.073	0.008
			HH21-108656	ASSAY	TB21314307	1212.00	1213.00	1.00	1.605	0.184	0.115	0.033	0.081	0.007
			HH21-108658	ASSAY	TB21314307	1213.00	1214.00	1.00	4.340	0.395	0.236	0.071	0.115	0.009
			HH21-108659	ASSAY	TB21314307	1214.00	1215.00	1.00	4.470	0.378	0.187	0.026	0.092	0.009
			HH21-108660	ASSAY	TB21314307	1215.00	1215.75	0.75	0.075	0.032	0.015	0.012	0.160	0.014
			HH21-108661	ASSAY	TB21314307	1215.75	1216.45	0.70	0.892	0.125	0.090	0.024	0.125	0.011
1,216.45	1,217.60	GAB-Vt	HH21-108662	ASSAY	TB21314307	1216.45	1217.60	1.15	0.291	0.044	0.014	0.005	0.034	0.004
		Small coarse-grained GAB-Vt phase same as GAB-Vt logged above.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,217.60	1,259.66	NOR	HH21-108663	ASSAY	TB21314307	1217.60	1219.00	1.40	1.350	0.191	0.128	0.033	0.096	0.009
		NOR -	HH21-108664	ASSAY	TB21314307	1219.00	1220.00	1.00	4.520	0.465	0.409	0.086	0.122	0.009
		Dark purple and grey/green. Medium-grained, equigranular with occasional/trace fine-grained and coarse-grained phases. Pyx:Plag 70:30. Weak to strong pervasive chl-act alt. Two leucocratic phases at 1239.92-1240.20m and 1249.80-1250m depth with strong mg blebby po-cpy mineralization. Trace fg diss and fg-mg blebby po-cpy-py+/-pn mineralization except 1230.80-1237.50m depth where ~0.5% fg diss/bleb po-cpy-py+/-pn occurs and ~3% fg-mg diss/blebby po-cpy-py+/-pn at 1249.80-1253.40m depth. This strong mineralization occurs in a typical medium-grained, purple norite. Massive. Occasional felsic and mafic dikes/dikelets. Last 66cm is a coarse-grained GAB-Vt with trace mineralization. Sharp lower contact into a fine-grained mafic dike	HH21-108665	ASSAY	TB21314307	1220.00	1221.00	1.00	2.660	0.435	0.244	0.065	0.072	0.006
			HH21-108667	ASSAY	TB21314308	1221.00	1222.00	1.00	0.716	0.073	0.081	0.027	0.081	0.009
			HH21-108668	ASSAY	TB21314308	1222.00	1223.00	1.00	3.100	0.375	0.276	0.058	0.110	0.009
			HH21-108669	ASSAY	TB21314308	1223.00	1224.00	1.00	2.050	0.246	0.217	0.050	0.088	0.008
			HH21-108670	ASSAY	TB21314308	1224.00	1225.00	1.00	2.820	0.328	0.328	0.079	0.119	0.009
			HH21-108671	ASSAY	TB21314308	1225.00	1226.00	1.00	0.012	0.003	0.038	0.006	0.052	0.007
			HH21-108672	ASSAY	TB21314308	1226.00	1227.00	1.00	1.135	0.151	0.133	0.036	0.081	0.009
			HH21-108673	ASSAY	TB21314308	1227.00	1228.00	1.00	1.555	0.189	0.186	0.049	0.092	0.008
			HH21-108675	ASSAY	TB21314308	1228.00	1229.00	1.00	0.673	0.122	0.085	0.023	0.068	0.006
			HH21-108676	ASSAY	TB21314308	1229.00	1230.00	1.00	1.975	0.226	0.144	0.030	0.063	0.006
			HH21-108677	ASSAY	TB21314308	1230.00	1231.00	1.00	0.909	0.116	0.108	0.036	0.077	0.007
			HH21-108678	ASSAY	TB21314308	1231.00	1232.00	1.00	2.000	0.239	0.208	0.065	0.083	0.008
			HH21-108679	ASSAY	TB21314308	1232.00	1233.00	1.00	1.320	0.153	0.125	0.035	0.074	0.008
			HH21-108680	ASSAY	TB21314308	1233.00	1234.00	1.00	4.170	0.477	0.406	0.093	0.133	0.010
			HH21-108681	ASSAY	TB21314308	1234.00	1235.00	1.00	0.647	0.086	0.057	0.016	0.077	0.010
			HH21-108682	ASSAY	TB21314308	1235.00	1236.00	1.00	2.300	0.262	0.278	0.059	0.100	0.010
			HH21-108683	ASSAY	TB21314308	1236.00	1237.00	1.00	1.860	0.211	0.184	0.057	0.077	0.007
			HH21-108684	ASSAY	TB21314308	1237.00	1238.00	1.00	2.160	0.254	0.210	0.059	0.087	0.008
			HH21-108685	ASSAY	TB21314308	1238.00	1239.00	1.00	0.055	0.010	0.019	0.014	0.062	0.008
			HH21-108686	ASSAY	TB21314308	1239.00	1240.00	1.00	1.055	0.131	0.120	0.038	0.073	0.008
			HH21-108687	ASSAY	TB21314308	1240.00	1241.00	1.00	0.999	0.114	0.086	0.028	0.070	0.008
			HH21-108688	ASSAY	TB21314308	1241.00	1242.00	1.00	0.007	0.003	0.009	0.011	0.060	0.009
			HH21-108689	ASSAY	TB21314308	1242.00	1243.00	1.00	0.161	0.023	0.051	0.018	0.060	0.007
			HH21-108690	ASSAY	TB21314308	1243.00	1244.00	1.00	0.037	0.003	0.021	0.015	0.059	0.008
			HH21-108691	ASSAY	TB21314308	1244.00	1245.00	1.00	0.013	0.003	0.016	0.011	0.059	0.008
			HH21-108692	ASSAY	TB21314308	1245.00	1246.00	1.00	1.235	0.161	0.123	0.052	0.096	0.010
			HH21-108693	ASSAY	TB21314308	1246.00	1247.00	1.00	0.151	0.015	0.024	0.015	0.067	0.009
			HH21-108694	ASSAY	TB21314308	1247.00	1248.00	1.00	0.532	0.058	0.055	0.025	0.074	0.009
			HH21-108695	ASSAY	TB21314308	1248.00	1249.00	1.00	0.413	0.055	0.027	0.015	0.062	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108696	ASSAY	TB21314308	1249.00	1250.00	1.00	2.870	0.337	0.197	0.089	0.117	0.009
			HH21-108698	ASSAY	TB21314308	1250.00	1251.00	1.00	2.680	0.317	0.270	0.075	0.122	0.009
			HH21-108699	ASSAY	TB21314308	1251.00	1252.00	1.00	12.200	1.420	1.090	0.287	0.292	0.014
			HH21-108700	ASSAY	TB21314308	1252.00	1253.00	1.00	9.330	1.275	0.942	0.197	0.205	0.013
			HH21-108701	ASSAY	TB21314308	1253.00	1254.00	1.00	3.380	0.416	0.464	0.119	0.133	0.011
			HH21-108702	ASSAY	TB21314308	1254.00	1255.00	1.00	1.485	0.185	0.144	0.048	0.089	0.010
			HH21-108703	ASSAY	TB21314308	1255.00	1256.00	1.00	0.032	0.003	0.020	0.013	0.066	0.009
			HH21-108704	ASSAY	TB21314308	1256.00	1257.00	1.00	0.011	0.003	0.023	0.011	0.061	0.008
			HH21-108705	ASSAY	TB21314308	1257.00	1258.00	1.00	0.915	0.146	0.157	0.042	0.094	0.009
			HH21-108707	ASSAY	TB21314308	1258.00	1259.00	1.00	0.615	0.086	0.065	0.025	0.067	0.008
			HH21-108708	ASSAY	TB21314308	1259.00	1259.66	0.66	1.115	0.142	0.045	0.033	0.052	0.004
1,259.66	1,262.05	DIKE-Mafic	HH21-108709	ASSAY	TB21314308	1259.66	1261.00	1.34	0.020	0.003	0.002	0.008	0.019	0.003
		DIKE-Mafic - Very fine-grained/aphanitic, foliated, and occasional ff cal. Moderate-strong pervasive chl-act alt. Nil sulphide. Sharp lower contact into gabvt.	HH21-108710	ASSAY	TB21314308	1261.00	1262.05	1.05	0.004	0.003	0.001	0.005	0.020	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %	
1,262.05	1,278.90	GAB-Vt	HH21-108711	ASSAY	TB21314308	1262.05	1263.00	0.95	1.165	0.143	0.124	0.041	0.053	0.007	
		GAB-Vt - Green and white. Medium-grained equigranular gab from upper contact to 1269m depth where a coarse-grained more leuco gab extended to lower contact. One phase of NOR 1270.90-1271.60m depth. Moderate-strong semi-pervasive to pervasive chl-act alt. Very strong fg-mg disseminated blebs of py-po-cp+/-pn (3-4%) 1263-1269m depth (in medium-grained gab-vt) where it then becomes trace. Massive. Occasional felsic dike/dikelets. Sharp lower contact into a small NOR.	HH21-108712	ASSAY	TB21314308	1263.00	1264.00	1.00	5.190	0.642	0.470	0.161	0.128	0.008	
			HH21-108713	ASSAY	TB21314308	1264.00	1265.00	1.00	5.890	0.733	0.377	0.174	0.131	0.008	
			HH21-108714	ASSAY	TB21314308	1265.00	1266.00	1.00	2.390	0.298	0.225	0.079	0.086	0.007	
			HH21-108715	ASSAY	TB21314308	1266.00	1267.00	1.00	3.010	0.386	0.273	0.125	0.105	0.008	
			HH21-108716	ASSAY	TB21314308	1267.00	1268.00	1.00	8.610	1.115	0.858	0.266	0.207	0.012	
			HH21-108717	ASSAY	TB21314308	1268.00	1269.00	1.00	15.200	1.950	1.490	0.407	0.327	0.014	
			HH21-108718	ASSAY	TB21314308	1269.00	1270.00	1.00	3.800	0.564	0.111	0.036	0.109	0.005	
			HH21-108719	ASSAY	TB21314308	1270.00	1271.00	1.00	1.310	0.144	0.085	0.022	0.052	0.004	
			HH21-108720	ASSAY	TB21314308	1271.00	1272.00	1.00	5.020	0.673	0.503	0.136	0.145	0.009	
			HH21-108721	ASSAY	TB21314308	1272.00	1273.00	1.00	1.650	0.175	0.048	0.016	0.066	0.004	
			HH21-108722	ASSAY	TB21314308	1273.00	1274.00	1.00	2.540	0.317	0.066	0.016	0.086	0.005	
			HH21-108723	ASSAY	TB21314308	1274.00	1275.00	1.00	5.450	0.679	0.492	0.092	0.114	0.005	
			HH21-108724	ASSAY	TB21314308	1275.00	1276.00	1.00	3.880	0.453	0.075	0.014	0.061	0.004	
			HH21-108726	ASSAY	TB21314308	1276.00	1277.00	1.00	1.425	0.158	0.031	0.006	0.053	0.003	
			HH21-108727	ASSAY	TB21314308	1277.00	1278.00	1.00	1.120	0.149	0.013	0.004	0.055	0.004	
			HH21-108728	ASSAY	TB21314308	1278.00	1278.90	0.90	1.000	0.098	0.027	0.010	0.046	0.003	
1,278.90	1,280.90		NOR	HH21-108729	ASSAY	TB21314308	1278.90	1280.00	1.10	3.420	0.433	0.311	0.070	0.116	0.008
			Small interval of strongly altered green nor. medium-grained, equigranular, massive. Trace min.	HH21-108730	ASSAY	TB21314308	1280.00	1280.90	0.90	2.430	0.252	0.128	0.045	0.093	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,280.90	1,308.22	GAB-Vt	HH21-108732	ASSAY	TB21314308	1280.90	1282.00	1.10	2.980	0.404	0.023	0.053	0.068	0.007
		GAB-Vt - Dark green with white. Dominantly medium-grained with lesser coarse-grained and fine-grained phases. Borderline noritic in certain intervals, but overall called a gab-vt based on entire texture and pXRF data. Mixing of noritic/gabbroic melts. Ranges of 50/50 plag/pyx up to locally leucocratic. Dominantly trace mineralization with a small zone of elevated chl-act alt with local selective ep alt typically in phases containing more plag (leuco). Massive. Occasional felsic and mafic dikes/dikelets and quartz veinlets. Complete arbitrary lower contact where a small patch of cg vt ends and pxrf data suggest norite.	HH21-108733	ASSAY	TB21314308	1282.00	1283.00	1.00	0.310	0.036	0.020	0.011	0.046	0.006
			HH21-108734	ASSAY	TB21314308	1283.00	1284.00	1.00	1.085	0.143	0.025	0.013	0.059	0.006
			HH21-108735	ASSAY	TB21314308	1284.00	1285.00	1.00	0.269	0.034	0.004	0.007	0.023	0.003
			HH21-108736	ASSAY	TB21314308	1285.00	1286.00	1.00	5.210	0.571	0.593	0.243	0.158	0.008
			HH21-108737	ASSAY	TB21314308	1286.00	1287.00	1.00	10.500	1.420	0.830	0.248	0.253	0.009
			HH21-108738	ASSAY	TB21314308	1287.00	1288.00	1.00	5.450	0.635	0.479	0.139	0.160	0.008
			HH21-108739	ASSAY	TB21314308	1288.00	1289.00	1.00	1.060	0.099	0.083	0.021	0.054	0.006
			HH21-108740	ASSAY	TB21314308	1289.00	1290.00	1.00	3.970	0.503	0.294	0.114	0.129	0.007
			HH21-108741	ASSAY	TB21314308	1290.00	1291.00	1.00	3.630	0.391	0.368	0.081	0.122	0.009
			HH21-108742	ASSAY	TB21314308	1291.00	1292.00	1.00	8.780	1.100	0.321	0.106	0.274	0.013
			HH21-108743	ASSAY	TB21314308	1292.00	1293.00	1.00	3.150	0.376	0.199	0.044	0.098	0.008
			HH21-108745	ASSAY	TB21314309	1293.00	1294.00	1.00	4.590	0.510	0.148	0.075	0.121	0.008
			HH21-108746	ASSAY	TB21314309	1294.00	1295.00	1.00	3.410	0.403	0.132	0.063	0.097	0.005
			HH21-108747	ASSAY	TB21314309	1295.00	1296.00	1.00	2.040	0.218	0.029	0.022	0.085	0.006
			HH21-108748	ASSAY	TB21314309	1296.00	1297.00	1.00	1.750	0.216	0.012	0.015	0.072	0.006
			HH21-108749	ASSAY	TB21314309	1297.00	1298.00	1.00	0.365	0.042	0.009	0.003	0.038	0.004
			HH21-108750	ASSAY	TB21314309	1298.00	1299.00	1.00	2.730	0.499	0.075	0.019	0.083	0.008
			HH21-108751	ASSAY	TB21314309	1299.00	1300.00	1.00	0.037	0.008	0.021	0.010	0.041	0.006
			HH21-108752	ASSAY	TB21314309	1300.00	1301.00	1.00	1.725	0.292	0.044	0.016	0.061	0.007
			HH21-108753	ASSAY	TB21314309	1301.00	1302.00	1.00	0.095	0.013	0.019	0.009	0.042	0.006
		HH21-108754	ASSAY	TB21314309	1302.00	1303.00	1.00	2.900	0.526	0.282	0.094	0.104	0.008	
		HH21-108755	ASSAY	TB21314309	1303.00	1304.00	1.00	1.670	0.236	0.123	0.043	0.091	0.009	
		HH21-108756	ASSAY	TB21314309	1304.00	1305.00	1.00	0.584	0.085	0.046	0.026	0.040	0.005	
		HH21-108757	ASSAY	TB21314309	1305.00	1306.00	1.00	0.009	0.003	0.094	0.058	0.054	0.006	
		HH21-108759	ASSAY	TB21314309	1306.00	1307.00	1.00	0.077	0.011	0.060	0.035	0.062	0.007	
		HH21-108760	ASSAY	TB21314309	1307.00	1308.22	1.22	0.682	0.086	0.082	0.025	0.052	0.006	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,308.22	1,314.00	NOR	HH21-108761	ASSAY	TB21314309	1308.22	1309.00	0.78	2.570	0.313	0.258	0.058	0.072	0.006
Small interval of strongly altered nor. Medium-grained, equigranular, massive, trace-0.5% mineralization and one mafic dike. Arbitrary lower contact.			HH21-108762	ASSAY	TB21314309	1309.00	1310.00	1.00	5.610	0.748	0.563	0.145	0.144	0.011
			HH21-108763	ASSAY	TB21314309	1310.00	1311.00	1.00	2.010	0.250	0.147	0.053	0.085	0.008
			HH21-108764	ASSAY	TB21314309	1311.00	1312.00	1.00	8.770	1.365	0.324	0.202	0.248	0.017
			HH21-108765	ASSAY	TB21314309	1312.00	1313.00	1.00	0.221	0.037	0.014	0.017	0.040	0.006
			HH21-108766	ASSAY	TB21314309	1313.00	1314.00	1.00	1.730	0.236	0.157	0.050	0.082	0.009
			1,314.00	1,320.60	GAB-Vt	HH21-108767	ASSAY	TB21314309	1314.00	1315.00	1.00	1.445	0.184	0.125
Small interval of GAB-Vt similar to one logged above. ~1316-1318m depth appears noritic. Dominantly medium-grained. Strong alteration. Occasional felsic dike/dikelet. Sharp lower contact with mafic dike.			HH21-108768	ASSAY	TB21314309	1315.00	1316.00	1.00	1.390	0.191	0.071	0.035	0.061	0.006
			HH21-108769	ASSAY	TB21314309	1316.00	1317.00	1.00	0.040	0.003	0.035	0.031	0.060	0.007
			HH21-108770	ASSAY	TB21314309	1317.00	1318.00	1.00	0.817	0.138	0.102	0.046	0.051	0.006
			HH21-108771	ASSAY	TB21314309	1318.00	1319.00	1.00	0.612	0.100	0.099	0.064	0.040	0.005
			HH21-108772	ASSAY	TB21314309	1319.00	1320.00	1.00	0.750	0.112	0.015	0.008	0.037	0.005
			HH21-108773	ASSAY	TB21314309	1320.00	1320.60	0.60	0.301	0.058	0.015	0.009	0.038	0.005
1,320.60	1,321.67	DIKE-Mafic	HH21-108774	ASSAY	TB21314309	1320.60	1321.67	1.07	0.055	0.003	0.025	0.027	0.003	0.003
Black, aphanitic, mafic dike. Trace euhedral cm scale plag.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,321.67	1,346.50	GAB-Vt	HH21-108776	ASSAY	TB21314309	1321.67	1323.00	1.33	0.080	0.012	0.019	0.016	0.048	0.007
		GAB-Vt - Green and white. Dominantly equigranular and medium-grained with occasional variations in texture (possible logged as gabbro). Appears noritic for most, but pXRF suggests a gabbroic composition. Vt/leuco patches near top and bottom of lithology. Moderate-strong pervasive chl-act alt. Trace diss py-po-cpy mineralization. Massive to weakly foliated ~60dtca. Occasional mafic dikes and felsic dikes/dikelets. Arbitrary lower contact	HH21-108777	ASSAY	TB21314309	1323.00	1324.00	1.00	0.115	0.012	0.016	0.016	0.031	0.005
			HH21-108778	ASSAY	TB21314309	1324.00	1325.00	1.00	0.111	0.010	0.039	0.023	0.035	0.005
			HH21-108779	ASSAY	TB21314309	1325.00	1326.00	1.00	2.480	0.351	0.184	0.042	0.079	0.009
			HH21-108780	ASSAY	TB21314309	1326.00	1327.00	1.00	0.502	0.075	0.059	0.026	0.041	0.006
			HH21-108781	ASSAY	TB21314309	1327.00	1328.00	1.00	0.599	0.068	0.081	0.012	0.039	0.005
			HH21-108782	ASSAY	TB21314309	1328.00	1329.00	1.00	0.021	0.003	0.007	0.008	0.030	0.005
			HH21-108783	ASSAY	TB21314309	1329.00	1330.00	1.00	0.005	0.003	0.005	0.009	0.031	0.005
			HH21-108784	ASSAY	TB21314309	1330.00	1331.00	1.00	0.003	0.003	0.011	0.009	0.032	0.005
			HH21-108785	ASSAY	TB21314309	1331.00	1332.00	1.00	0.016	0.003	0.008	0.008	0.032	0.005
			HH21-108786	ASSAY	TB21314309	1332.00	1333.00	1.00	0.002	0.003	0.004	0.009	0.031	0.005
			HH21-108787	ASSAY	TB21314309	1333.00	1334.00	1.00	0.011	0.003	0.004	0.010	0.030	0.005
			HH21-108789	ASSAY	TB21314309	1334.00	1335.00	1.00	0.002	0.003	0.003	0.005	0.027	0.005
			HH21-108790	ASSAY	TB21314309	1335.00	1336.00	1.00	0.021	0.003	0.017	0.023	0.054	0.006
			HH21-108791	ASSAY	TB21314309	1336.00	1337.00	1.00	0.183	0.020	0.024	0.050	0.083	0.006
			HH21-108792	ASSAY	TB21314309	1337.00	1338.00	1.00	0.004	0.003	0.011	0.023	0.050	0.006
			HH21-108793	ASSAY	TB21314309	1338.00	1339.00	1.00	0.416	0.059	0.031	0.027	0.039	0.005
			HH21-108794	ASSAY	TB21314309	1339.00	1340.00	1.00	0.059	0.010	0.026	0.037	0.069	0.006
			HH21-108795	ASSAY	TB21314309	1340.00	1341.00	1.00	2.040	0.224	0.070	0.065	0.073	0.008
			HH21-108796	ASSAY	TB21314309	1341.00	1342.00	1.00	0.116	0.015	0.003	0.006	0.036	0.005
			HH21-108797	ASSAY	TB21314309	1342.00	1343.00	1.00	0.874	0.147	0.015	0.014	0.041	0.005
		HH21-108798	ASSAY	TB21314309	1343.00	1344.00	1.00	2.160	0.248	0.028	0.028	0.057	0.005	
		HH21-108799	ASSAY	TB21314309	1344.00	1345.00	1.00	3.540	0.482	0.067	0.051	0.099	0.007	
		HH21-108800	ASSAY	TB21314309	1345.00	1346.00	1.00	1.090	0.151	0.084	0.048	0.079	0.006	
		HH21-108801	ASSAY	TB21314309	1346.00	1346.50	0.50	0.015	0.003	0.014	0.016	0.034	0.005	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,346.50	1,391.65	NOR	HH21-108802	ASSAY	TB21314309	1346.50	1347.00	0.50	0.119	0.016	0.011	0.010	0.038	0.006
NOR - Green and white. Medium-grained and equigranular except a few phases of Gab-Vt ~1352.30-1352.90m, 1356-1356.50m, and locally. pXRF data suggests a mixing of gab/nor. Moderate-strong pervasive chl-act alt. Massive to weakly foliated ~60dta. Occasional felsic dikes/dikelets. Nil to trace disseminated sulphides. Sharp lower contact into a felsic dike.			HH21-108804	ASSAY	TB21314309	1347.00	1348.00	1.00	0.006	0.003	0.008	0.011	0.032	0.005
			HH21-108805	ASSAY	TB21314309	1348.00	1349.00	1.00	0.217	0.034	0.022	0.020	0.039	0.006
			HH21-108806	ASSAY	TB21314309	1349.00	1350.00	1.00	0.058	0.009	0.012	0.010	0.033	0.005
			HH21-108807	ASSAY	TB21314309	1350.00	1351.00	1.00	2.390	0.300	0.244	0.076	0.103	0.008
			HH21-108808	ASSAY	TB21314309	1351.00	1352.00	1.00	5.360	0.789	0.500	0.164	0.159	0.010
			HH21-108809	ASSAY	TB21314309	1352.00	1353.00	1.00	1.205	0.182	0.066	0.030	0.061	0.006
			HH21-108810	ASSAY	TB21314309	1353.00	1354.00	1.00	1.135	0.111	0.069	0.033	0.071	0.007
			HH21-108811	ASSAY	TB21314309	1354.00	1355.00	1.00	3.300	0.385	0.194	0.092	0.131	0.010
			HH21-108812	ASSAY	TB21314309	1355.00	1356.00	1.00	6.000	0.748	0.553	0.177	0.188	0.012
			HH21-108814	ASSAY	TB21314309	1356.00	1357.00	1.00	1.660	0.236	0.083	0.042	0.071	0.007
			HH21-108815	ASSAY	TB21314309	1357.00	1358.00	1.00	3.190	0.406	0.275	0.110	0.130	0.010
			HH21-108816	ASSAY	TB21314309	1358.00	1359.00	1.00	0.878	0.101	0.079	0.023	0.060	0.007
			HH21-108817	ASSAY	TB21314309	1359.00	1360.00	1.00	0.144	0.024	0.013	0.006	0.040	0.006
			HH21-108818	ASSAY	TB21314309	1360.00	1361.00	1.00	1.475	0.183	0.164	0.054	0.085	0.008
			HH21-108819	ASSAY	TB21314309	1361.00	1362.00	1.00	6.070	0.687	0.728	0.170	0.184	0.011
			HH21-108820	ASSAY	TB21314309	1362.00	1363.00	1.00	1.680	0.209	0.168	0.062	0.075	0.007
			HH21-108821	ASSAY	TB21314309	1363.00	1364.00	1.00	0.219	0.028	0.025	0.010	0.036	0.006
			HH21-108823	ASSAY	TB21317564	1364.00	1365.00	1.00	0.041	0.007	0.008	0.006	0.037	0.006
			HH21-108824	ASSAY	TB21317564	1365.00	1366.00	1.00	0.095	0.014	0.021	0.007	0.035	0.005
			HH21-108825	ASSAY	TB21317564	1366.00	1367.00	1.00	0.004	0.003	0.003	0.007	0.033	0.006
			HH21-108826	ASSAY	TB21317564	1367.00	1368.00	1.00	0.037	0.009	0.008	0.011	0.037	0.006
			HH21-108827	ASSAY	TB21317564	1368.00	1369.00	1.00	0.108	0.012	0.011	0.009	0.043	0.005
			HH21-108828	ASSAY	TB21317564	1369.00	1370.00	1.00	0.138	0.020	0.024	0.017	0.037	0.005
			HH21-108829	ASSAY	TB21317564	1370.00	1371.00	1.00	0.058	0.008	0.009	0.008	0.037	0.006
			HH21-108830	ASSAY	TB21317564	1371.00	1372.00	1.00	0.003	0.003	0.009	0.014	0.041	0.006
			HH21-108831	ASSAY	TB21317564	1372.00	1373.00	1.00	0.088	0.013	0.006	0.010	0.037	0.006
			HH21-108833	ASSAY	TB21317564	1373.00	1374.00	1.00	0.391	0.033	0.037	0.022	0.041	0.005
HH21-108834	ASSAY	TB21317564	1374.00	1375.00	1.00	0.116	0.012	0.013	0.014	0.036	0.005			
HH21-108835	ASSAY	TB21317564	1375.00	1376.00	1.00	0.206	0.023	0.022	0.016	0.038	0.005			
HH21-108836	ASSAY	TB21317564	1376.00	1377.00	1.00	0.418	0.051	0.009	0.009	0.037	0.005			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108837	ASSAY	TB21317564	1377.00	1378.00	1.00	0.119	0.014	0.013	0.010	0.034	0.005
			HH21-108838	ASSAY	TB21317564	1378.00	1379.00	1.00	0.004	0.003	0.004	0.006	0.030	0.005
			HH21-108839	ASSAY	TB21317564	1379.00	1380.00	1.00	0.061	0.010	0.007	0.009	0.033	0.005
			HH21-108840	ASSAY	TB21317564	1380.00	1381.00	1.00	0.075	0.010	0.006	0.008	0.032	0.005
			HH21-108841	ASSAY	TB21317564	1381.00	1382.00	1.00	0.050	0.006	0.011	0.012	0.032	0.005
			HH21-108842	ASSAY	TB21317564	1382.00	1383.00	1.00	0.063	0.007	0.007	0.009	0.034	0.005
			HH21-108843	ASSAY	TB21317564	1383.00	1384.00	1.00	0.021	0.003	0.004	0.010	0.034	0.005
			HH21-108844	ASSAY	TB21317564	1384.00	1385.00	1.00	0.166	0.021	0.037	0.043	0.064	0.007
			HH21-108845	ASSAY	TB21317564	1385.00	1386.00	1.00	0.125	0.014	0.010	0.014	0.038	0.006
			HH21-108846	ASSAY	TB21317564	1386.00	1387.00	1.00	0.321	0.039	0.048	0.025	0.047	0.006
			HH21-108847	ASSAY	TB21317564	1387.00	1388.00	1.00	0.499	0.057	0.032	0.018	0.051	0.006
			HH21-108848	ASSAY	TB21317564	1388.00	1389.00	1.00	0.833	0.095	0.101	0.038	0.065	0.007
			HH21-108849	ASSAY	TB21317564	1389.00	1390.00	1.00	1.320	0.172	0.113	0.053	0.076	0.007
			HH21-108851	ASSAY	TB21317564	1390.00	1391.00	1.00	1.530	0.231	0.211	0.129	0.124	0.008
			HH21-108852	ASSAY	TB21317564	1391.00	1391.65	0.65	4.590	0.596	0.167	0.207	0.174	0.010
1,391.65	1,393.34	DIKE-Felsic												
			HH21-108853	ASSAY	TB21317564	1391.65	1392.65	1.00	0.009	0.003	0.001	0.003	0.002	0.001
		FELSIC DIKE - White and black., fine-grained, plag-rich with ~20% biotite and lesser quartz. Dioritic. Weak fol ~50dtca. Trace qtz vl. Trace vein controlled/hosted py mineralization.	HH21-108854	ASSAY	TB21317564	1392.65	1393.34	0.69	0.144	0.015	0.001	0.004	0.005	0.001
1,393.34	1,401.00	GAB-Vt												
			HH21-108855	ASSAY	TB21317564	1393.34	1394.00	0.66	2.970	0.330	0.047	0.062	0.103	0.009
		GAB-Vt - Green and white. Dominantly medium-grained with small intervals of cg varitexture. Most cg varitexture ends ~1395m depth. Possibly loggable as NOR. Strong pervasive chl-act alt. Trace to nil mineralization except upper contact to 1395.50m depth where ~0.5% fg diss po-cpy mineralization occurs. Massive.	HH21-108856	ASSAY	TB21317564	1394.00	1395.00	1.00	3.200	0.402	0.242	0.118	0.100	0.009
			HH21-108857	ASSAY	TB21317564	1395.00	1396.00	1.00	1.345	0.189	0.124	0.048	0.076	0.008
			HH21-108858	ASSAY	TB21317564	1396.00	1397.00	1.00	0.062	0.010	0.014	0.005	0.035	0.005
			HH21-108859	ASSAY	TB21317564	1397.00	1398.00	1.00	0.031	0.003	0.009	0.006	0.037	0.006
			HH21-108860	ASSAY	TB21317564	1398.00	1399.00	1.00	0.004	0.003	0.003	0.006	0.033	0.005
			HH21-108861	ASSAY	TB21317564	1399.00	1400.00	1.00	0.410	0.047	0.043	0.020	0.047	0.006
			HH21-108862	ASSAY	TB21317564	1400.00	1401.00	1.00	0.633	0.074	0.027	0.016	0.048	0.006

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.07	189.89	-58.42	EXSPRINT	O	
5.07	189.75	-58.30	EXSPRINT	O	
10.00	189.88	-58.16	EXSPRINT	O	
15.01	190.01	-58.17	EXSPRINT	O	
20.00	189.70	-58.22	EXSPRINT	O	
25.05	189.66	-58.21	EXSPRINT	O	
30.02	189.63	-58.15	EXSPRINT	O	
35.05	189.54	-58.28	EXSPRINT	O	
40.02	189.49	-58.15	EXSPRINT	O	
45.06	189.58	-58.23	EXSPRINT	O	
50.00	189.49	-58.17	EXSPRINT	O	
55.03	189.45	-58.30	EXSPRINT	O	
60.01	189.68	-58.25	EXSPRINT	O	
65.05	189.60	-58.22	EXSPRINT	O	
70.06	189.67	-58.20	EXSPRINT	O	
75.01	189.70	-58.17	EXSPRINT	O	
80.06	189.50	-58.11	EXSPRINT	O	
85.01	189.67	-58.10	EXSPRINT	O	
90.05	189.70	-58.14	EXSPRINT	O	
95.02	189.73	-58.05	EXSPRINT	O	
100.07	189.67	-57.99	EXSPRINT	O	
105.06	189.63	-57.96	EXSPRINT	O	
110.07	189.76	-57.92	EXSPRINT	O	
115.03	189.69	-57.89	EXSPRINT	O	
120.05	189.66	-57.90	EXSPRINT	O	
125.06	189.68	-57.92	EXSPRINT	O	
130.06	189.62	-57.87	EXSPRINT	O	
135.07	189.61	-57.81	EXSPRINT	O	
140.01	189.64	-57.83	EXSPRINT	O	
145.03	189.63	-57.80	EXSPRINT	O	
150.05	189.53	-57.79	EXSPRINT	O	
155.00	189.59	-57.76	EXSPRINT	O	
160.04	189.57	-57.76	EXSPRINT	O	
165.04	189.68	-57.77	EXSPRINT	O	
170.02	189.52	-57.78	EXSPRINT	O	
175.06	189.41	-57.74	EXSPRINT	O	
180.00	189.44	-57.66	EXSPRINT	O	

185.02	189.33	-57.69	EXSPRINT	O
190.07	189.34	-57.66	EXSPRINT	O
195.09	189.19	-57.70	EXSPRINT	O
200.06	188.93	-57.85	EXSPRINT	O
205.02	188.89	-58.10	EXSPRINT	O
210.01	188.72	-58.16	EXSPRINT	O
215.04	188.68	-58.13	EXSPRINT	O
220.05	188.72	-58.10	EXSPRINT	O
225.04	188.71	-58.11	EXSPRINT	O
230.03	188.74	-58.14	EXSPRINT	O
235.03	188.78	-58.10	EXSPRINT	O
240.09	188.84	-58.09	EXSPRINT	O
245.00	188.87	-58.17	EXSPRINT	O
250.05	188.86	-58.15	EXSPRINT	O
255.06	188.93	-58.15	EXSPRINT	O
260.06	188.96	-58.14	EXSPRINT	O
265.08	189.01	-58.14	EXSPRINT	O
270.04	189.03	-58.12	EXSPRINT	O
275.06	189.14	-58.15	EXSPRINT	O
280.00	189.31	-58.20	EXSPRINT	O
285.01	189.41	-58.21	EXSPRINT	O
290.03	189.54	-58.20	EXSPRINT	O
295.08	189.58	-58.25	EXSPRINT	O
300.07	189.55	-58.16	EXSPRINT	O
305.01	189.53	-58.16	EXSPRINT	O
310.06	189.64	-58.17	EXSPRINT	O
315.08	189.54	-58.18	EXSPRINT	O
320.08	189.62	-58.17	EXSPRINT	O
325.02	189.77	-58.24	EXSPRINT	O
330.09	189.90	-58.27	EXSPRINT	O
335.07	189.95	-58.24	EXSPRINT	O
340.00	190.23	-58.25	EXSPRINT	O
345.03	190.36	-58.27	EXSPRINT	O
350.01	190.39	-58.25	EXSPRINT	O
355.02	190.34	-58.27	EXSPRINT	O
360.05	190.33	-58.26	EXSPRINT	O
365.00	190.40	-58.23	EXSPRINT	O
370.08	190.42	-58.21	EXSPRINT	O
375.09	190.43	-58.23	EXSPRINT	O
380.02	190.47	-58.21	EXSPRINT	O

385.00	190.46	-58.21	EXSPRINT	O
390.00	190.47	-58.19	EXSPRINT	O
395.04	190.46	-58.20	EXSPRINT	O
400.02	190.53	-58.15	EXSPRINT	O
405.09	190.47	-58.14	EXSPRINT	O
410.02	190.55	-58.10	EXSPRINT	O
415.05	190.54	-58.09	EXSPRINT	O
420.00	190.55	-58.09	EXSPRINT	O
425.01	190.51	-58.08	EXSPRINT	O
430.03	190.51	-58.07	EXSPRINT	O
435.00	190.58	-58.04	EXSPRINT	O
440.10	190.55	-58.03	EXSPRINT	O
445.04	190.52	-58.02	EXSPRINT	O
450.04	190.53	-58.00	EXSPRINT	O
455.05	190.56	-57.97	EXSPRINT	O
460.03	190.60	-57.97	EXSPRINT	O
465.00	190.53	-57.94	EXSPRINT	O
470.04	190.51	-57.95	EXSPRINT	O
475.01	190.50	-57.95	EXSPRINT	O
480.04	190.55	-57.93	EXSPRINT	O
485.02	190.56	-57.94	EXSPRINT	O
490.04	190.60	-57.91	EXSPRINT	O
495.00	190.58	-57.91	EXSPRINT	O
500.08	190.62	-57.88	EXSPRINT	O
505.01	190.60	-57.91	EXSPRINT	O
510.00	190.60	-57.91	EXSPRINT	O
515.10	190.63	-57.95	EXSPRINT	O
520.02	190.61	-57.96	EXSPRINT	O
525.01	190.54	-57.99	EXSPRINT	O
530.06	190.58	-58.00	EXSPRINT	O
535.02	190.51	-57.97	EXSPRINT	O
540.00	190.49	-57.92	EXSPRINT	O
545.01	190.52	-57.91	EXSPRINT	O
550.03	190.53	-57.91	EXSPRINT	O
555.04	190.58	-57.91	EXSPRINT	O
560.02	190.51	-58.00	EXSPRINT	O
565.04	190.43	-58.02	EXSPRINT	O
570.00	190.48	-58.01	EXSPRINT	O
575.03	190.60	-58.16	EXSPRINT	O
580.05	190.88	-58.22	EXSPRINT	O

585.08	190.96	-58.31	EXSPRINT	O
590.00	191.05	-58.24	EXSPRINT	O
595.10	191.03	-58.40	EXSPRINT	O
600.06	191.21	-58.61	EXSPRINT	O
605.06	191.39	-59.03	EXSPRINT	O
610.01	191.48	-59.07	EXSPRINT	O
615.08	191.56	-59.11	EXSPRINT	O
620.06	191.61	-59.08	EXSPRINT	O
625.02	191.67	-59.12	EXSPRINT	O
630.07	191.74	-59.17	EXSPRINT	O
635.07	191.70	-59.10	EXSPRINT	O
640.02	191.70	-59.24	EXSPRINT	O
645.00	191.73	-59.38	EXSPRINT	O
650.10	191.71	-59.44	EXSPRINT	O
655.05	191.85	-59.53	EXSPRINT	O
660.07	192.37	-59.66	EXSPRINT	O
665.06	192.70	-59.79	EXSPRINT	O
670.01	192.61	-59.85	EXSPRINT	O
675.07	192.73	-59.84	EXSPRINT	O
680.07	192.90	-59.85	EXSPRINT	O
685.05	193.18	-59.85	EXSPRINT	O
690.03	193.61	-59.86	EXSPRINT	O
695.01	193.64	-59.86	EXSPRINT	O
700.07	193.78	-59.84	EXSPRINT	O
705.03	193.83	-59.76	EXSPRINT	O
710.06	194.03	-59.67	EXSPRINT	O
715.08	193.51	-59.71	EXSPRINT	O
720.08	193.56	-59.82	EXSPRINT	O
725.05	193.92	-59.89	EXSPRINT	O
730.08	194.35	-60.03	EXSPRINT	O
735.00	194.37	-60.04	EXSPRINT	O
740.09	194.64	-59.93	EXSPRINT	O
745.06	194.93	-59.93	EXSPRINT	O
750.06	195.17	-59.89	EXSPRINT	O
755.08	195.36	-59.88	EXSPRINT	O
760.07	195.52	-59.93	EXSPRINT	O
765.07	195.63	-60.05	EXSPRINT	O
770.01	195.93	-59.96	EXSPRINT	O
775.06	196.15	-59.97	EXSPRINT	O
780.07	196.38	-59.98	EXSPRINT	O

785.06	196.57	-60.01	EXSPRINT	O
790.03	196.61	-60.13	EXSPRINT	O
795.04	196.92	-60.24	EXSPRINT	O
800.03	197.17	-60.23	EXSPRINT	O
805.08	197.34	-60.26	EXSPRINT	O
810.06	197.62	-60.31	EXSPRINT	O
815.01	197.64	-60.37	EXSPRINT	O
820.08	197.92	-60.35	EXSPRINT	O
825.04	198.08	-60.35	EXSPRINT	O
830.00	198.51	-60.26	EXSPRINT	O
835.08	198.92	-60.16	EXSPRINT	O
840.00	199.19	-60.09	EXSPRINT	O
845.07	199.48	-60.00	EXSPRINT	O
850.02	199.80	-59.54	EXSPRINT	O
855.06	200.41	-59.12	EXSPRINT	O
860.10	200.57	-59.13	EXSPRINT	O
865.02	200.86	-59.05	EXSPRINT	O
870.09	201.20	-58.96	EXSPRINT	O
875.04	201.51	-58.88	EXSPRINT	O
880.01	201.87	-58.89	EXSPRINT	O
885.07	202.05	-58.90	EXSPRINT	O
890.02	202.30	-58.89	EXSPRINT	O
895.03	202.47	-58.88	EXSPRINT	O
900.02	202.84	-58.84	EXSPRINT	O
905.07	203.20	-58.78	EXSPRINT	O
910.08	203.23	-58.71	EXSPRINT	O
915.05	203.62	-58.53	EXSPRINT	O
920.02	203.48	-58.53	EXSPRINT	O
925.05	203.79	-58.46	EXSPRINT	O
930.05	203.80	-58.43	EXSPRINT	O
935.09	203.92	-58.38	EXSPRINT	O
940.08	203.98	-58.31	EXSPRINT	O
945.06	204.08	-58.26	EXSPRINT	O
950.02	204.10	-58.21	EXSPRINT	O
955.03	204.25	-58.17	EXSPRINT	O
960.02	204.23	-58.11	EXSPRINT	O
965.09	204.25	-58.09	EXSPRINT	O
970.00	204.28	-58.05	EXSPRINT	O
975.08	204.56	-58.03	EXSPRINT	O
980.03	204.54	-57.96	EXSPRINT	O

985.04	204.44	-57.97	EXSPRINT	O
990.09	204.48	-57.93	EXSPRINT	O
995.05	204.51	-57.82	EXSPRINT	O
1000.06	204.54	-57.74	EXSPRINT	O
1005.05	204.52	-57.63	EXSPRINT	O
1010.06	204.43	-57.56	EXSPRINT	O
1015.05	204.33	-57.47	EXSPRINT	O
1020.08	203.69	-57.34	EXSPRINT	O
1025.01	202.60	-57.11	EXSPRINT	O
1030.03	201.41	-56.95	EXSPRINT	O
1035.03	201.00	-56.86	EXSPRINT	O
1040.03	201.14	-56.85	EXSPRINT	O
1045.07	200.81	-56.82	EXSPRINT	O
1050.07	200.81	-56.69	EXSPRINT	O
1055.06	200.61	-56.61	EXSPRINT	O
1060.00	200.33	-56.50	EXSPRINT	O
1065.09	200.34	-56.46	EXSPRINT	O
1070.08	200.10	-56.47	EXSPRINT	O
1075.02	200.07	-56.39	EXSPRINT	O
1080.06	199.95	-56.33	EXSPRINT	O
1085.04	199.75	-56.34	EXSPRINT	O
1090.09	199.66	-56.44	EXSPRINT	O
1095.09	199.42	-56.53	EXSPRINT	O
1100.10	199.30	-56.56	EXSPRINT	O
1105.04	199.11	-56.48	EXSPRINT	O
1110.04	199.05	-56.42	EXSPRINT	O
1115.09	198.83	-56.28	EXSPRINT	O
1120.02	198.64	-56.17	EXSPRINT	O
1125.07	198.52	-56.12	EXSPRINT	O
1130.06	198.38	-56.08	EXSPRINT	O
1135.10	198.32	-56.04	EXSPRINT	O
1140.05	198.14	-56.01	EXSPRINT	O
1145.09	198.20	-56.00	EXSPRINT	O
1150.05	198.08	-56.00	EXSPRINT	O
1155.05	198.13	-55.99	EXSPRINT	O
1160.09	198.14	-55.99	EXSPRINT	O
1165.09	197.93	-55.99	EXSPRINT	O
1170.03	197.93	-55.90	EXSPRINT	O
1175.00	197.93	-55.83	EXSPRINT	O
1180.01	197.91	-55.76	EXSPRINT	O

1185.07	197.81	-55.70	EXSPRINT	O
1190.00	197.84	-55.65	EXSPRINT	O
1195.05	197.69	-55.58	EXSPRINT	O
1200.02	197.69	-55.59	EXSPRINT	O
1205.01	197.79	-55.45	EXSPRINT	O
1210.05	197.71	-55.63	EXSPRINT	O
1215.05	197.57	-55.64	EXSPRINT	O
1220.07	197.35	-55.64	EXSPRINT	O
1225.06	197.30	-55.62	EXSPRINT	O
1230.09	197.15	-55.55	EXSPRINT	O
1235.04	197.08	-55.53	EXSPRINT	O
1240.02	197.09	-55.51	EXSPRINT	O
1245.05	197.12	-55.54	EXSPRINT	O
1250.06	197.01	-55.51	EXSPRINT	O
1255.08	196.93	-55.55	EXSPRINT	O
1260.04	196.64	-55.58	EXSPRINT	O
1265.06	196.29	-55.61	EXSPRINT	O
1270.02	196.05	-55.76	EXSPRINT	O
1275.05	196.12	-55.75	EXSPRINT	O
1280.09	196.11	-55.71	EXSPRINT	O
1285.05	196.06	-55.69	EXSPRINT	O
1290.07	196.05	-55.67	EXSPRINT	O
1295.07	196.12	-55.61	EXSPRINT	O
1300.03	196.00	-55.63	EXSPRINT	O
1305.01	196.08	-55.62	EXSPRINT	O
1310.01	196.07	-55.61	EXSPRINT	O
1315.03	195.94	-55.62	EXSPRINT	O
1320.00	195.74	-55.56	EXSPRINT	O
1325.03	195.64	-55.50	EXSPRINT	O
1330.06	195.39	-55.40	EXSPRINT	O
1335.02	195.00	-55.28	EXSPRINT	O
1340.07	194.77	-55.14	EXSPRINT	O
1345.08	194.47	-54.85	EXSPRINT	O
1350.08	194.32	-54.75	EXSPRINT	O
1355.10	194.10	-54.71	EXSPRINT	O
1360.04	193.77	-54.63	EXSPRINT	O
1365.00	193.20	-54.50	EXSPRINT	O



**Detailed Log Report
Hole Number 21-703**

Project Name: LDI - Mine	Primary Coordinates Grid: MINE:	Hole Status: Completed
Project Code: LDI MINE	North: 31,840.02	Length: 1,308.00
Location:	East: 31,885.96	Hole Size: NQ
Start Date: Aug 15, 2021	Elev: -583.24	Hole Type: DDH
Completed Date: Sep 27, 2021	Collar Dip: -60.10	Casing: No
Contractor: G4 Forage Drilling	Collar Az: 185.53	Cemented: Yes
Core Storage: Lac des Iles Minesite-cross piles	Destination Coordinates Grid: UTM83-16	Collar Survey: N Plugged: N
Units: METRIC	North: 5,449,444.68	Multishot Survey: N Pulse EM Survey: N
Start Log: Aug 23, 2021	East: 309,249.05	EOH: 1,308.00
End Log: Sep 29, 2021	Elev: -583.24	Artesian Cond: No
Logged By 1: Kyle Miller	Claim: 252	Abandon Reason:

Comments: KM logged 0-269.17m and 825-1069m
L.Fay 649-825m, 1269-1308m (EOH).

Detailed Lithology

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
0.00	16.00	GAB-Vt												
<p>GAB-Vt - Moderate green with strong pervasive chl alt and local selective Na alt. Dominantly medium-grained with lesser (~5-10%) cg/peg phases. Nil to trace mineralization. Massive. Sharp lower contact into mafic dike.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
16.00	27.26	DIKE-Mafic												
<p>MAFIC DIKE - Black. Aphanitic. Strong foliation ~30dtca. Moderate to strongly magnetic. Trace up to 0.5% diss and ff py. Sharp lower contact along core axis</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
27.26	136.00	GAB-Vt	HH21-106354	ASSAY	TB21245447	87.80	89.00	1.20	0.534	0.120	0.004	0.004	0.047	0.004
		GAB-Vt - Moderate green with moderate-strong pervasive chl alt and local selective Na alt. Dominantly medium-grained with lesser cg phases and lesser fine-grained phases. Coarse-grained phases occur ~66-77m, 90.60-96m, and in smaller intermittent patches. Trace diss py and trace blebby and intercumulus po-cpy and py-po mineralization. Mineralization tends to favour cg phases or near contacts with mg/cg phases. Massive. Occasional felsic and intermediate dikes. Somewhat arbitrary lower contact marked by texture change to more consistent mg and increased alteration	HH21-106355	ASSAY	TB21245447	89.00	90.00	1.00	0.344	0.047	0.006	0.012	0.062	0.006
			HH21-106356	ASSAY	TB21245447	90.00	91.00	1.00	0.578	0.068	0.021	0.050	0.043	0.005
			HH21-106357	ASSAY	TB21245447	91.00	92.00	1.00	0.932	0.120	0.049	0.037	0.059	0.003
			HH21-106358	ASSAY	TB21245447	92.00	93.00	1.00	0.575	0.080	0.039	0.052	0.039	0.004
			HH21-106359	ASSAY	TB21245447	93.00	94.00	1.00	0.390	0.052	0.058	0.172	0.026	0.005
			HH21-106360	ASSAY	TB21245447	94.00	95.00	1.00	0.831	0.123	0.011	0.009	0.036	0.002
			HH21-106361	ASSAY	TB21245447	95.00	96.00	1.00	0.744	0.097	0.046	0.035	0.067	0.004
			HH21-106363	ASSAY	TB21245447	96.00	97.00	1.00	1.120	0.139	0.251	0.180	0.180	0.008
			HH21-106364	ASSAY	TB21245447	97.00	98.00	1.00	1.040	0.118	0.076	0.098	0.078	0.007
			HH21-106365	ASSAY	TB21245447	98.00	99.00	1.00	0.903	0.130	0.075	0.059	0.069	0.006
			HH21-106366	ASSAY	TB21245447	99.00	100.00	1.00	0.723	0.092	0.048	0.026	0.070	0.007
			HH21-106368	ASSAY	TB21245447	100.00	101.00	1.00	0.369	0.066	0.041	0.019	0.058	0.007
			HH21-106369	ASSAY	TB21245447	101.00	102.00	1.00	0.567	0.091	0.068	0.042	0.067	0.006
			HH21-106370	ASSAY	TB21245447	102.00	103.00	1.00	0.322	0.073	0.019	0.015	0.054	0.007
			HH21-106371	ASSAY	TB21245447	103.00	104.00	1.00	0.576	0.094	0.047	0.023	0.062	0.007
			HH21-106372	ASSAY	TB21245447	104.00	105.00	1.00	0.835	0.131	0.099	0.048	0.083	0.007
			HH21-106373	ASSAY	TB21245447	105.00	106.00	1.00	2.990	0.285	0.495	0.179	0.146	0.008
			HH21-106374	ASSAY	TB21245447	106.00	107.00	1.00	2.450	0.185	0.269	0.112	0.108	0.006
			HH21-106375	ASSAY	TB21245447	107.00	108.00	1.00	0.778	0.118	0.108	0.055	0.064	0.006
			HH21-106376	ASSAY	TB21245447	108.00	109.00	1.00	0.966	0.130	0.117	0.051	0.074	0.006
			HH21-106377	ASSAY	TB21245447	109.00	110.00	1.00	1.100	0.090	0.171	0.076	0.093	0.007
			HH21-106378	ASSAY	TB21245447	110.00	111.00	1.00	0.549	0.056	0.091	0.045	0.068	0.006
			HH21-106379	ASSAY	TB21245447	111.00	112.00	1.00	0.379	0.042	0.084	0.039	0.049	0.005
			HH21-106380	ASSAY	TB21245447	112.00	113.00	1.00	0.164	0.028	0.024	0.020	0.041	0.005
			HH21-106381	ASSAY	TB21245447	113.00	114.00	1.00	0.054	0.010	0.006	0.008	0.032	0.004
			HH21-106382	ASSAY	TB21245447	114.00	115.00	1.00	0.113	0.012	0.010	0.024	0.031	0.004
			HH21-106383	ASSAY	TB21245447	115.00	116.00	1.00	0.766	0.072	0.033	0.043	0.059	0.004
			HH21-106384	ASSAY	TB21245447	116.00	117.00	1.00	0.213	0.050	0.007	0.009	0.041	0.005
			HH21-106385	ASSAY	TB21245447	117.00	118.00	1.00	0.288	0.079	0.006	0.006	0.037	0.005
			HH21-106386	ASSAY	TB21245447	118.00	119.00	1.00	0.299	0.082	0.005	0.005	0.036	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106388	ASSAY	TB21245447	119.00	120.00	1.00	0.380	0.086	0.007	0.010	0.037	0.004
			HH21-106389	ASSAY	TB21245447	120.00	121.00	1.00	0.558	0.103	0.010	0.014	0.049	0.005
			HH21-106390	ASSAY	TB21245447	121.00	122.00	1.00	0.322	0.088	0.008	0.010	0.031	0.004
			HH21-106391	ASSAY	TB21245447	122.00	123.00	1.00	0.410	0.061	0.031	0.030	0.042	0.005
			HH21-106392	ASSAY	TB21245447	123.00	124.00	1.00	0.613	0.091	0.028	0.044	0.055	0.006
			HH21-106393	ASSAY	TB21245447	124.00	125.00	1.00	0.474	0.065	0.013	0.011	0.038	0.005
			HH21-106394	ASSAY	TB21245447	125.00	126.00	1.00	0.425	0.044	0.012	0.021	0.052	0.005
			HH21-106395	ASSAY	TB21245447	126.00	127.00	1.00	0.311	0.070	0.020	0.019	0.042	0.005
			HH21-106396	ASSAY	TB21245447	127.00	128.00	1.00	0.604	0.108	0.105	0.087	0.101	0.006
			HH21-106397	ASSAY	TB21245447	128.00	129.00	1.00	1.480	0.142	0.067	0.071	0.107	0.006
			HH21-106398	ASSAY	TB21245447	129.00	130.00	1.00	0.767	0.096	0.011	0.023	0.056	0.005
			HH21-106399	ASSAY	TB21245447	130.00	131.00	1.00	0.355	0.081	0.016	0.014	0.031	0.004
			HH21-106400	ASSAY	TB21245447	131.00	132.00	1.00	0.588	0.101	0.024	0.028	0.041	0.004
			HH21-106401	ASSAY	TB21245447	132.00	133.00	1.00	1.090	0.104	0.103	0.070	0.076	0.007
			HH21-106403	ASSAY	TB21245447	133.00	134.00	1.00	1.140	0.129	0.030	0.029	0.061	0.005
			HH21-106404	ASSAY	TB21245447	134.00	135.00	1.00	0.221	0.069	0.017	0.015	0.031	0.003
			HH21-106405	ASSAY	TB21245447	135.00	136.00	1.00	1.200	0.144	0.105	0.067	0.080	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
136.00	159.10	NOR	HH21-106406	ASSAY	TB21245447	136.00	137.00	1.00	0.849	0.151	0.054	0.033	0.067	0.007
NORITE - Medium-dark green. Equigranular medium-grained. Strong pervasive chl-act alteration overprints plag. Trace fg disseminated py+-cpy/po. Massive. Trace ff calcite. Sharp lower contact where a coarse-grained, adcumulate LGAB or phase of gab-vt occurs ~60dtca			HH21-106407	ASSAY	TB21245447	137.00	138.00	1.00	0.572	0.112	0.027	0.019	0.060	0.007
			HH21-106408	ASSAY	TB21245447	138.00	139.00	1.00	0.385	0.102	0.013	0.011	0.054	0.007
			HH21-106409	ASSAY	TB21245447	139.00	140.00	1.00	0.370	0.102	0.011	0.010	0.057	0.007
			HH21-106411	ASSAY	TB21245447	140.00	141.00	1.00	0.386	0.106	0.010	0.010	0.055	0.007
			HH21-106412	ASSAY	TB21245447	141.00	142.00	1.00	0.377	0.090	0.012	0.013	0.052	0.007
			HH21-106413	ASSAY	TB21245447	142.00	143.00	1.00	0.337	0.080	0.005	0.008	0.050	0.006
			HH21-106414	ASSAY	TB21245447	143.00	144.00	1.00	0.279	0.062	0.009	0.010	0.047	0.006
			HH21-106415	ASSAY	TB21245447	144.00	145.00	1.00	0.181	0.077	0.003	0.005	0.041	0.005
			HH21-106416	ASSAY	TB21245447	145.00	146.00	1.00	0.225	0.080	0.004	0.005	0.042	0.005
			HH21-106417	ASSAY	TB21245447	146.00	147.00	1.00	0.179	0.046	0.014	0.011	0.053	0.007
			HH21-106418	ASSAY	TB21245447	147.00	148.00	1.00	0.200	0.042	0.011	0.010	0.055	0.007
			HH21-106419	ASSAY	TB21245447	148.00	149.00	1.00	0.331	0.066	0.015	0.008	0.050	0.006
			HH21-106420	ASSAY	TB21245447	149.00	150.00	1.00	0.476	0.074	0.036	0.013	0.058	0.007
			HH21-106422	ASSAY	TB21236723	150.00	151.00	1.00	0.435	0.056	0.024	0.018	0.077	0.009
			HH21-106423	ASSAY	TB21236723	151.00	152.00	1.00	0.461	0.049	0.018	0.012	0.076	0.008
			HH21-106424	ASSAY	TB21236723	152.00	153.00	1.00	0.589	0.056	0.015	0.008	0.070	0.008
			HH21-106425	ASSAY	TB21236723	153.00	154.00	1.00	0.664	0.076	0.028	0.014	0.072	0.008
			HH21-106426	ASSAY	TB21236723	154.00	155.00	1.00	0.753	0.076	0.033	0.017	0.070	0.007
			HH21-106427	ASSAY	TB21236723	155.00	156.00	1.00	0.728	0.102	0.016	0.012	0.057	0.005
			HH21-106428	ASSAY	TB21236723	156.00	157.00	1.00	0.335	0.068	0.015	0.013	0.044	0.005
HH21-106430	ASSAY	TB21236723	157.00	158.00	1.00	0.515	0.098	0.063	0.047	0.066	0.007			
HH21-106431	ASSAY	TB21236723	158.00	159.10	1.10	0.129	0.035	0.047	0.038	0.055	0.007			
159.10	163.84	LGAB	HH21-106432	ASSAY	TB21236723	159.10	160.00	0.90	0.198	0.077	0.014	0.018	0.024	0.002
LGAB - White and green. Moderate chl alt. Weak Na alt. Coarse-grained. Possible to include with GAB-Vt logged below. Trace disseminated vfg py-cpy-po mineralization. Massive. One ~5cm wide felsic veinlet. Sharp lower contact where cg phase/lgab ends ~60dtca			HH21-106433	ASSAY	TB21236723	160.00	161.00	1.00	0.136	0.079	0.009	0.012	0.021	0.002
			HH21-106434	ASSAY	TB21236723	161.00	162.00	1.00	0.107	0.079	0.012	0.021	0.022	0.002
			HH21-106435	ASSAY	TB21236723	162.00	163.00	1.00	0.169	0.076	0.007	0.015	0.031	0.004
			HH21-106436	ASSAY	TB21236723	163.00	163.84	0.84	0.203	0.083	0.002	0.005	0.020	0.002

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
163.84	170.00	NOR	HH21-106437	ASSAY	TB21236723	163.84	165.00	1.16	0.647	0.113	0.033	0.022	0.071	0.009
Same as NOR above.			HH21-106438	ASSAY	TB21236723	165.00	166.00	1.00	0.698	0.133	0.008	0.010	0.071	0.009
			HH21-106439	ASSAY	TB21236723	166.00	167.00	1.00	0.742	0.136	0.019	0.018	0.076	0.009
			HH21-106440	ASSAY	TB21236723	167.00	168.00	1.00	1.020	0.176	0.041	0.025	0.078	0.008
			HH21-106441	ASSAY	TB21236723	168.00	169.00	1.00	0.508	0.108	0.046	0.029	0.073	0.007
			HH21-106442	ASSAY	TB21236723	169.00	170.00	1.00	0.538	0.067	0.061	0.043	0.071	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
170.00	253.72	GAB-Vt	HH21-106443	ASSAY	TB21236723	170.00	171.00	1.00	0.078	0.024	0.056	0.046	0.064	0.005
		GAB-Vt -	HH21-106444	ASSAY	TB21236723	171.00	172.00	1.00	1.930	0.156	0.350	0.091	0.101	0.007
		Moderate green with moderate-strong pervasive chl	HH21-106445	ASSAY	TB21236723	172.00	173.00	1.00	0.577	0.090	0.111	0.060	0.087	0.008
		alt and local selective Na alt. Dominantly	HH21-106446	ASSAY	TB21236723	173.00	174.00	1.00	0.170	0.056	0.051	0.034	0.041	0.005
		medium-grained with lesser cg phases and lesser	HH21-106447	ASSAY	TB21236723	174.00	175.00	1.00	0.439	0.040	0.099	0.048	0.057	0.005
		fine-grained phases. Coarse-grained phases	HH21-106448	ASSAY	TB21236723	175.00	176.00	1.00	1.260	0.135	0.177	0.109	0.089	0.006
		generally occur in smaller, intermittent patches.	HH21-106449	ASSAY	TB21236723	176.00	177.00	1.00	0.288	0.051	0.069	0.045	0.064	0.006
		Trace diss py and trace up to 0.5-1% blebby and	HH21-106450	ASSAY	TB21236723	177.00	178.00	1.00	0.162	0.019	0.058	0.038	0.041	0.006
		intercumulus (trace qtz vl hosted) po-cpy and py-po	HH21-106451	ASSAY	TB21236723	178.00	179.00	1.00	0.340	0.082	0.118	0.061	0.073	0.006
		mineralization. Mineralization tends to favour cg	HH21-106452	ASSAY	TB21236723	179.00	180.00	1.00	0.769	0.075	0.112	0.075	0.097	0.007
		phases or near contacts with mg/cg phases.	HH21-106454	ASSAY	TB21236723	180.00	181.00	1.00	0.461	0.040	0.061	0.047	0.063	0.006
		Massive. Occasional felsic dikes and qtz vl.	HH21-106455	ASSAY	TB21236723	181.00	182.00	1.00	0.765	0.095	0.051	0.053	0.085	0.006
		Tonalite dike occurring from 248.37-248.54.	HH21-106456	ASSAY	TB21236723	182.00	183.00	1.00	0.538	0.058	0.064	0.058	0.072	0.006
		The unit intercolates with Norite from 251-253.72.	HH21-106457	ASSAY	TB21236723	183.00	184.00	1.00	0.133	0.019	0.047	0.024	0.035	0.005
		Gradational lower contact.	HH21-106458	ASSAY	TB21236723	184.00	185.00	1.00	0.375	0.070	0.092	0.053	0.061	0.007
			HH21-106459	ASSAY	TB21236723	185.00	186.00	1.00	0.275	0.048	0.076	0.044	0.063	0.007
			HH21-106460	ASSAY	TB21236723	186.00	187.00	1.00	0.458	0.058	0.061	0.044	0.071	0.006
			HH21-106461	ASSAY	TB21236723	187.00	188.00	1.00	0.739	0.084	0.099	0.064	0.079	0.006
			HH21-106462	ASSAY	TB21236723	188.00	189.00	1.00	0.330	0.036	0.036	0.044	0.054	0.005
			HH21-106463	ASSAY	TB21236723	189.00	190.00	1.00	0.295	0.102	0.050	0.042	0.054	0.005
			HH21-106464	ASSAY	TB21236723	190.00	191.00	1.00	0.142	0.020	0.034	0.033	0.046	0.004
			HH21-106465	ASSAY	TB21236723	191.00	192.00	1.00	0.692	0.072	0.101	0.169	0.118	0.007
			HH21-106466	ASSAY	TB21236723	192.00	193.00	1.00	0.635	0.049	0.061	0.109	0.166	0.018
			HH21-106467	ASSAY	TB21236723	193.00	194.00	1.00	1.040	0.092	0.077	0.113	0.096	0.007
			HH21-106469	ASSAY	TB21236723	194.00	195.00	1.00	0.317	0.031	0.034	0.033	0.060	0.005
			HH21-106470	ASSAY	TB21236723	195.00	196.00	1.00	0.293	0.034	0.015	0.026	0.055	0.005
			HH21-106471	ASSAY	TB21236723	196.00	197.00	1.00	0.032	0.003	0.016	0.019	0.034	0.004
			HH21-106472	ASSAY	TB21236723	197.00	198.00	1.00	0.339	0.048	0.039	0.032	0.043	0.005
			HH21-106473	ASSAY	TB21236723	198.00	199.00	1.00	0.492	0.059	0.068	0.051	0.067	0.005
			HH21-106474	ASSAY	TB21236723	199.00	200.00	1.00	0.071	0.008	0.014	0.025	0.030	0.004
			HH21-106475	ASSAY	TB21236723	200.00	201.00	1.00	1.060	0.087	0.045	0.062	0.087	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106476	ASSAY	TB21236723	201.00	202.00	1.00	0.085	0.013	0.018	0.026	0.044	0.005
			HH21-106477	ASSAY	TB21236723	202.00	203.00	1.00	0.866	0.054	0.042	0.044	0.066	0.006
			HH21-106478	ASSAY	TB21236723	203.00	204.00	1.00	0.323	0.034	0.021	0.018	0.036	0.005
			HH21-106479	ASSAY	TB21236723	204.00	205.00	1.00	0.338	0.012	0.016	0.033	0.039	0.006
			HH21-106480	ASSAY	TB21236723	205.00	206.00	1.00	0.087	0.025	0.014	0.034	0.034	0.006
			HH21-106481	ASSAY	TB21236723	206.00	207.00	1.00	0.098	0.022	0.011	0.016	0.031	0.006
			HH21-106482	ASSAY	TB21236723	207.00	208.00	1.00	0.295	0.032	0.014	0.031	0.050	0.006
			HH21-106484	ASSAY	TB21236723	208.00	209.00	1.00	0.092	0.024	0.019	0.037	0.038	0.005
			HH21-106485	ASSAY	TB21236723	209.00	210.00	1.00	0.119	0.031	0.019	0.046	0.037	0.005
			HH21-106486	ASSAY	TB21236723	210.00	211.00	1.00	0.178	0.038	0.032	0.047	0.046	0.005
			HH21-106487	ASSAY	TB21236723	211.00	212.00	1.00	0.151	0.038	0.025	0.035	0.044	0.006
			HH21-106488	ASSAY	TB21236723	212.00	213.00	1.00	0.411	0.080	0.029	0.045	0.062	0.006
			HH21-106489	ASSAY	TB21236723	213.00	214.00	1.00	0.087	0.024	0.021	0.019	0.035	0.005
			HH21-106490	ASSAY	TB21236723	214.00	215.00	1.00	0.557	0.103	0.152	0.090	0.101	0.007
			HH21-106491	ASSAY	TB21236723	215.00	216.00	1.00	0.363	0.081	0.037	0.059	0.081	0.007
			HH21-106492	ASSAY	TB21236723	216.00	217.00	1.00	0.408	0.107	0.024	0.032	0.059	0.007
			HH21-106494	ASSAY	TB21236723	217.00	218.00	1.00	1.540	0.154	0.068	0.084	0.133	0.009
			HH21-106495	ASSAY	TB21236723	218.00	219.00	1.00	1.140	0.103	0.087	0.068	0.102	0.008
			HH21-106496	ASSAY	TB21236723	219.00	220.00	1.00	0.320	0.039	0.063	0.051	0.052	0.006
			HH21-106497	ASSAY	TB21236723	220.00	221.00	1.00	0.867	0.082	0.095	0.086	0.072	0.006
			HH21-106498	ASSAY	TB21236723	221.00	222.00	1.00	0.107	0.022	0.023	0.040	0.032	0.006
			HH21-106500	ASSAY	TB21236716	222.00	223.00	1.00	0.113	0.017	0.020	0.024	0.037	0.006
			HH21-106501	ASSAY	TB21236716	223.00	224.00	1.00	0.042	0.013	0.010	0.018	0.034	0.006
			HH21-106502	ASSAY	TB21236716	224.00	225.00	1.00	0.052	0.017	0.013	0.019	0.034	0.006
			HH21-106503	ASSAY	TB21236716	225.00	226.00	1.00	0.043	0.011	0.009	0.018	0.033	0.006
			HH21-106504	ASSAY	TB21236716	226.00	227.00	1.00	0.068	0.015	0.014	0.030	0.042	0.007
			HH21-106505	ASSAY	TB21236716	227.00	228.00	1.00	0.137	0.030	0.029	0.041	0.053	0.006
			HH21-106506	ASSAY	TB21236716	228.00	229.00	1.00	0.030	0.006	0.010	0.018	0.033	0.006
			HH21-106507	ASSAY	TB21236716	229.00	230.00	1.00	0.043	0.008	0.011	0.020	0.034	0.006
			HH21-106508	ASSAY	TB21236716	230.00	231.00	1.00	0.095	0.012	0.009	0.020	0.038	0.007
			HH21-106509	ASSAY	TB21236716	231.00	232.00	1.00	0.062	0.019	0.007	0.016	0.036	0.006
			HH21-106511	ASSAY	TB21236716	232.00	233.00	1.00	0.055	0.018	0.008	0.013	0.030	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106512	ASSAY	TB21236716	233.00	234.00	1.00	0.058	0.019	0.015	0.025	0.036	0.006
			HH21-106513	ASSAY	TB21236716	234.00	235.00	1.00	0.073	0.020	0.023	0.036	0.040	0.006
			HH21-106514	ASSAY	TB21236716	235.00	236.00	1.00	0.058	0.012	0.019	0.032	0.044	0.007
			HH21-106515	ASSAY	TB21236716	236.00	237.00	1.00	0.045	0.010	0.014	0.017	0.033	0.006
			HH21-106516	ASSAY	TB21236716	237.00	238.00	1.00	0.035	0.008	0.023	0.024	0.034	0.006
			HH21-106517	ASSAY	TB21236716	238.00	239.00	1.00	0.182	0.026	0.029	0.042	0.051	0.006
			HH21-106518	ASSAY	TB21236716	239.00	240.00	1.00	0.155	0.031	0.195	0.072	0.055	0.007
			HH21-106519	ASSAY	TB21236716	240.00	241.00	1.00	0.173	0.036	0.066	0.066	0.065	0.007
			HH21-106520	ASSAY	TB21236716	241.00	242.00	1.00	0.163	0.043	0.062	0.058	0.059	0.006
			HH21-106521	ASSAY	TB21236716	242.00	243.00	1.00	0.101	0.012	0.026	0.029	0.038	0.006
			HH21-106523	ASSAY	TB21236716	243.00	244.00	1.00	0.710	0.037	0.110	0.084	0.065	0.008
			HH21-106524	ASSAY	TB21236716	244.00	245.00	1.00	0.730	0.043	0.037	0.039	0.063	0.008
			HH21-106525	ASSAY	TB21236716	245.00	246.00	1.00	0.050	0.007	0.019	0.019	0.030	0.005
			HH21-106526	ASSAY	TB21236716	246.00	247.00	1.00	0.122	0.039	0.013	0.016	0.037	0.007
			HH21-106527	ASSAY	TB21236716	247.00	248.00	1.00	0.101	0.014	0.023	0.034	0.048	0.007
			HH21-106528	ASSAY	TB21236716	248.00	249.00	1.00	0.038	0.009	0.017	0.026	0.034	0.005
			HH21-106529	ASSAY	TB21236716	249.00	250.00	1.00	0.021	0.003	0.018	0.032	0.056	0.007
			HH21-106530	ASSAY	TB21236716	250.00	251.00	1.00	0.035	0.008	0.013	0.026	0.038	0.007
			HH21-106531	ASSAY	TB21236716	251.00	252.00	1.00	0.027	0.006	0.015	0.036	0.042	0.006
			HH21-106532	ASSAY	TB21236716	252.00	253.00	1.00	0.087	0.011	0.020	0.044	0.056	0.007
			HH21-106533	ASSAY	TB21236716	253.00	253.72	0.72	0.026	0.008	0.016	0.037	0.036	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
253.72	269.17	NOR	HH21-106534	ASSAY	TB21236716	253.72	255.00	1.28	0.021	0.003	0.010	0.023	0.034	0.006
NORITE - Dark green. Mod-strong chl alteration with moderate actinolite alt. Sections with mod silica alt. The unit is dominantly medium-grained with fg sections within. Trace sulfides(py,po,cpy) occurring as fg disseminations and fracture infill. Weak/gradational upper and lower contacts.			HH21-106535	ASSAY	TB21236716	255.00	256.00	1.00	0.068	0.015	0.020	0.040	0.052	0.008
			HH21-106536	ASSAY	TB21236716	256.00	257.00	1.00	0.071	0.025	0.009	0.016	0.052	0.007
			HH21-106537	ASSAY	TB21236716	257.00	258.00	1.00	0.045	0.008	0.012	0.020	0.043	0.006
			HH21-106538	ASSAY	TB21236716	258.00	259.00	1.00	0.031	0.007	0.012	0.023	0.044	0.007
			HH21-106539	ASSAY	TB21236716	259.00	260.00	1.00	0.038	0.008	0.023	0.039	0.077	0.009
			HH21-106540	ASSAY	TB21236716	260.00	261.00	1.00	0.050	0.012	0.027	0.043	0.058	0.008
			HH21-106541	ASSAY	TB21236716	261.00	262.00	1.00	0.035	0.009	0.019	0.031	0.046	0.008
			HH21-106542	ASSAY	TB21236716	262.00	263.00	1.00	0.015	0.003	0.007	0.010	0.034	0.006
			HH21-106543	ASSAY	TB21236716	263.00	264.00	1.00	0.117	0.018	0.028	0.039	0.065	0.007
			HH21-106545	ASSAY	TB21236716	264.00	265.00	1.00	0.317	0.042	0.045	0.056	0.058	0.006
			HH21-106546	ASSAY	TB21236716	265.00	266.00	1.00	0.045	0.012	0.018	0.029	0.033	0.006
			HH21-106547	ASSAY	TB21236716	266.00	267.00	1.00	0.012	0.005	0.013	0.024	0.042	0.006
			HH21-106548	ASSAY	TB21236716	267.00	268.00	1.00	0.101	0.010	0.019	0.027	0.043	0.006
			HH21-106549	ASSAY	TB21236716	268.00	269.17	1.17	0.191	0.030	0.024	0.032	0.051	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
269.17	322.19	GAB-Vt	HH21-106551	ASSAY	TB21236716	269.17	270.00	0.83	0.180	0.034	0.030	0.032	0.054	0.008
GAB-VT - Moderate green and white in colour. Mg-cg with minor fg sections. Gradational uopoper contact and sharp lower contact. Strong chl alteration throughout, moderate na-alt occuring in sections, weak actinolite alt.			HH21-106552	ASSAY	TB21236716	270.00	271.00	1.00	1.340	0.105	0.071	0.093	0.124	0.008
			HH21-106553	ASSAY	TB21236716	271.00	272.00	1.00	0.447	0.069	0.089	0.069	0.077	0.006
			HH21-106554	ASSAY	TB21236716	272.00	273.00	1.00	0.502	0.068	0.156	0.102	0.088	0.008
			HH21-106555	ASSAY	TB21236716	273.00	274.00	1.00	0.349	0.038	0.058	0.062	0.064	0.006
			Overall, quite unfoliated	HH21-106556	ASSAY	TB21236716	274.00	275.00	1.00	0.068	0.019	0.023	0.027	0.021
8% felsic dikes running throughout the unit. One mafic dike occuring from 282.84-283.17.			HH21-106557	ASSAY	TB21236716	275.00	276.00	1.00	0.419	0.064	0.116	0.079	0.073	0.006
			HH21-106558	ASSAY	TB21236716	276.00	277.00	1.00	0.086	0.016	0.042	0.030	0.030	0.003
Trace sulfides including cpy, py and po in order of quantity. Sulfides typically occuring as disseminations.			HH21-106559	ASSAY	TB21236716	277.00	278.00	1.00	0.462	0.073	0.099	0.069	0.080	0.006
			HH21-106560	ASSAY	TB21236716	278.00	279.00	1.00	0.153	0.023	0.033	0.047	0.050	0.005
			HH21-106561	ASSAY	TB21236716	279.00	280.00	1.00	0.035	0.010	0.037	0.048	0.048	0.006
			HH21-106562	ASSAY	TB21236716	280.00	281.00	1.00	0.074	0.019	0.016	0.021	0.047	0.006
			HH21-106563	ASSAY	TB21236716	281.00	282.00	1.00	0.121	0.027	0.011	0.020	0.040	0.005
			HH21-106564	ASSAY	TB21236716	282.00	283.00	1.00	0.194	0.044	0.021	0.037	0.046	0.005
			HH21-106565	ASSAY	TB21236716	283.00	284.00	1.00	0.011	0.007	0.005	0.014	0.029	0.005
			HH21-106566	ASSAY	TB21236716	284.00	285.00	1.00	0.175	0.045	0.019	0.036	0.066	0.008
			HH21-106568	ASSAY	TB21236716	285.00	286.00	1.00	0.025	0.003	0.003	0.008	0.034	0.006
			HH21-106569	ASSAY	TB21236716	286.00	287.00	1.00	0.025	0.003	0.011	0.021	0.036	0.005
			HH21-106570	ASSAY	TB21236716	287.00	288.00	1.00	0.083	0.015	0.008	0.010	0.025	0.003
			HH21-106571	ASSAY	TB21236716	288.00	289.00	1.00	0.050	0.009	0.012	0.015	0.028	0.004
			HH21-106572	ASSAY	TB21236716	289.00	290.00	1.00	0.139	0.035	0.005	0.004	0.055	0.005
			HH21-106573	ASSAY	TB21236716	290.00	291.00	1.00	0.482	0.152	0.019	0.008	0.051	0.005
			HH21-106574	ASSAY	TB21236716	291.00	292.00	1.00	0.191	0.059	0.009	0.011	0.042	0.005
			HH21-106575	ASSAY	TB21236716	292.00	293.00	1.00	0.041	0.003	0.017	0.018	0.020	0.003
HH21-106576	ASSAY	TB21236716	293.00	294.00	1.00	0.097	0.013	0.012	0.010	0.038	0.005			
HH21-106578	ASSAY	TB21236718	294.00	295.00	1.00	0.055	0.012	0.007	0.004	0.031	0.004			
HH21-106579	ASSAY	TB21236718	295.00	296.00	1.00	0.210	0.052	0.043	0.028	0.047	0.004			
HH21-106580	ASSAY	TB21236718	296.00	297.00	1.00	0.049	0.013	0.003	0.005	0.023	0.004			
HH21-106582	ASSAY	TB21236718	297.00	298.00	1.00	0.051	0.014	0.008	0.007	0.027	0.004			
HH21-106583	ASSAY	TB21236718	298.00	299.00	1.00	0.051	0.014	0.004	0.009	0.027	0.004			
HH21-106584	ASSAY	TB21236718	299.00	300.00	1.00	0.060	0.013	0.005	0.006	0.029	0.005			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106585	ASSAY	TB21236718	300.00	301.00	1.00	0.050	0.010	0.006	0.007	0.030	0.005
			HH21-106586	ASSAY	TB21236718	301.00	302.00	1.00	0.045	0.008	0.008	0.007	0.028	0.004
			HH21-106587	ASSAY	TB21236718	302.00	303.00	1.00	0.472	0.120	0.028	0.011	0.036	0.005
			HH21-106588	ASSAY	TB21236718	303.00	304.00	1.00	0.261	0.016	0.020	0.025	0.030	0.005
			HH21-106589	ASSAY	TB21236718	304.00	305.00	1.00	0.049	0.010	0.007	0.010	0.029	0.005
			HH21-106590	ASSAY	TB21236718	305.00	306.00	1.00	0.135	0.028	0.046	0.049	0.055	0.007
			HH21-106591	ASSAY	TB21236718	306.00	307.00	1.00	0.137	0.024	0.041	0.034	0.043	0.005
			HH21-106592	ASSAY	TB21236718	307.00	308.00	1.00	0.199	0.025	0.052	0.044	0.063	0.007
			HH21-106593	ASSAY	TB21236718	308.00	309.00	1.00	0.009	0.003	0.015	0.026	0.054	0.007
			HH21-106594	ASSAY	TB21236718	309.00	310.00	1.00	0.378	0.068	0.096	0.065	0.069	0.008
			HH21-106595	ASSAY	TB21236718	310.00	311.00	1.00	0.381	0.086	0.090	0.055	0.061	0.006
			HH21-106596	ASSAY	TB21236718	311.00	312.00	1.00	0.013	0.003	0.021	0.018	0.031	0.005
			HH21-106597	ASSAY	TB21276456	312.00	313.00	1.00	0.004	0.003	0.006	0.013	0.027	0.005
			HH21-106598	ASSAY	TB21276456	313.00	314.00	1.00	0.478	0.044	0.028	0.019	0.034	0.005
			HH21-106599	ASSAY	TB21276456	314.00	315.00	1.00	0.078	0.013	0.012	0.010	0.031	0.005
			HH21-106601	ASSAY	TB21276456	315.00	316.00	1.00	0.923	0.102	0.074	0.046	0.038	0.004
			HH21-106602	ASSAY	TB21276456	316.00	317.00	1.00	0.886	0.112	0.017	0.014	0.046	0.005
			HH21-106603	ASSAY	TB21276456	317.00	318.00	1.00	0.936	0.152	0.157	0.042	0.052	0.006
			HH21-106604	ASSAY	TB21236718	318.00	319.00	1.00	0.408	0.110	0.035	0.023	0.048	0.006
			HH21-106605	ASSAY	TB21236718	319.00	320.00	1.00	0.327	0.129	0.029	0.034	0.044	0.006
			HH21-106606	ASSAY	TB21236718	320.00	321.00	1.00	0.167	0.010	0.009	0.025	0.033	0.005
			HH21-106607	ASSAY	TB21236718	321.00	322.19	1.19	0.205	0.022	0.011	0.038	0.048	0.007
322.19	323.28	DIKE-Felsic	HH21-106608	ASSAY	TB21236718	322.19	323.28	1.09	0.001	0.003	0.001	0.005	0.000	0.000

FELSIC DIKE - White, weakly grey and pink. Mg-fg, transitions to fg at 322.6. Sharp upper and lower contact. Trace pyrite occurring in 3 fg blebs. Weak K-alt following the grain size trend, decreasing as the unit fines.

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
323.28	339.94	GAB-Vt	HH21-106609	ASSAY	TB21236718	323.28	324.00	0.72	0.067	0.022	0.008	0.027	0.028	0.005
		GAB-VT	HH21-106610	ASSAY	TB21236718	324.00	325.00	1.00	0.124	0.023	0.009	0.012	0.025	0.005
		Colour: Moderate grey, green, and white in colour.	HH21-106611	ASSAY	TB21236718	325.00	326.00	1.00	0.069	0.017	0.011	0.011	0.026	0.005
		Grain Size: Mainly fine to medium grained, with some coarse grains.	HH21-106612	ASSAY	TB21236718	326.00	327.00	1.00	0.030	0.015	0.007	0.011	0.024	0.005
		Alteration: Moderate chlorite alteration.	HH21-106613	ASSAY	TB21236718	327.00	328.00	1.00	0.374	0.054	0.041	0.033	0.037	0.005
		Structures: 1-2% felsic dikelettes.	HH21-106614	ASSAY	TB21236718	328.00	329.00	1.00	0.149	0.011	0.025	0.016	0.024	0.005
		Sulfides: Disseminated; cpy, py, and po. cpy:py = 1:1	HH21-106615	ASSAY	TB21236718	329.00	330.00	1.00	0.009	0.003	0.009	0.013	0.018	0.005
		Contacts: Sharp upper contact, weak lower contact	HH21-106616	ASSAY	TB21236718	330.00	331.00	1.00	0.020	0.008	0.008	0.014	0.021	0.005
			HH21-106617	ASSAY	TB21236718	331.00	332.00	1.00	0.030	0.012	0.004	0.019	0.038	0.007
			HH21-106618	ASSAY	TB21236718	332.00	333.00	1.00	0.193	0.025	0.027	0.037	0.030	0.006
			HH21-106619	ASSAY	TB21236718	333.00	334.00	1.00	0.047	0.019	0.014	0.019	0.027	0.005
			HH21-106620	ASSAY	TB21236718	334.00	335.00	1.00	0.309	0.045	0.015	0.015	0.029	0.005
			HH21-106622	ASSAY	TB21236718	335.00	336.00	1.00	0.005	0.003	0.005	0.010	0.015	0.004
			HH21-106623	ASSAY	TB21236718	336.00	337.00	1.00	0.015	0.003	0.005	0.014	0.018	0.005
			HH21-106624	ASSAY	TB21236718	337.00	338.00	1.00	0.138	0.017	0.010	0.014	0.026	0.006
			HH21-106625	ASSAY	TB21236718	338.00	339.00	1.00	0.589	0.052	0.082	0.028	0.046	0.006
			HH21-106626	ASSAY	TB21236718	339.00	339.94	0.94	0.123	0.014	0.042	0.020	0.032	0.006
339.94	348.80	NOR	HH21-106627	ASSAY	TB21236718	339.94	341.00	1.06	0.021	0.005	0.011	0.011	0.018	0.006
		NOR	HH21-106628	ASSAY	TB21236718	341.00	342.00	1.00	0.026	0.005	0.010	0.013	0.018	0.006
		Colour: Moderate green, grey, and white in colour.	HH21-106629	ASSAY	TB21236718	342.00	343.00	1.00	0.205	0.077	0.027	0.020	0.029	0.007
		Grain Size: Fine to medium grained.	HH21-106630	ASSAY	TB21236718	343.00	344.00	1.00	0.308	0.131	0.020	0.017	0.040	0.007
		Alteration: Moderate chlorite alt. Weak actinolite alt.	HH21-106631	ASSAY	TB21236718	344.00	345.00	1.00	0.588	0.157	0.021	0.011	0.052	0.008
		Structures: 2% felsic dikelettes.	HH21-106632	ASSAY	TB21236718	345.00	346.00	1.00	0.662	0.136	0.027	0.015	0.049	0.007
			HH21-106633	ASSAY	TB21236718	346.00	347.00	1.00	0.041	0.012	0.008	0.015	0.025	0.006
		Sulfides: Trace py and po. Mostly disseminated.	HH21-106635	ASSAY	TB21236718	347.00	348.00	1.00	0.044	0.012	0.008	0.011	0.027	0.006
		Contacts: Weak upper contact, weak lower contact.	HH21-106636	ASSAY	TB21236718	348.00	348.80	0.80	0.035	0.010	0.006	0.010	0.024	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
348.80	354.97	GAB-Vt	HH21-106637	ASSAY	TB21236718	348.80	350.00	1.20	0.073	0.023	0.019	0.021	0.034	0.006
GAB-VT			HH21-106638	ASSAY	TB21236718	350.00	351.00	1.00	0.947	0.102	0.045	0.068	0.059	0.006
Moderate green, grey, and white.			HH21-106639	ASSAY	TB21236718	351.00	352.00	1.00	1.740	0.481	0.137	0.115	0.074	0.006
Dominately medium grained. Fine grained in first .50m and again at 352.80 - 353.4m.			HH21-106640	ASSAY	TB21236718	352.00	353.00	1.00	0.139	0.021	0.021	0.018	0.029	0.005
			HH21-106642	ASSAY	TB21236718	353.00	354.00	1.00	0.047	0.013	0.011	0.013	0.032	0.006
Weak chl alt. From 352.34 to 352.51, a Leucogabbro section, with moderate NA-alteration.			HH21-106643	ASSAY	TB21236718	354.00	354.97	0.97	0.095	0.017	0.014	0.015	0.034	0.005
Py, Cpy, and Po tending to form as blebs, with minor fracture fill.														
Weak upper and lower contacts.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
354.97	376.06	NOR	HH21-106644	ASSAY	TB21236718	354.97	356.00	1.03	0.184	0.027	0.032	0.018	0.031	0.005
		NOR	HH21-106645	ASSAY	TB21236718	356.00	357.00	1.00	0.406	0.035	0.074	0.039	0.036	0.006
		Dark grey, purple and green variety.	HH21-106646	ASSAY	TB21236718	357.00	358.00	1.00	0.023	0.010	0.007	0.011	0.028	0.006
		Fine grained dominated.	HH21-106647	ASSAY	TB21236718	358.00	359.00	1.00	0.032	0.011	0.008	0.012	0.031	0.006
		Sulfides disseminated, trace amount. Py and Po	HH21-106648	ASSAY	TB21236718	359.00	360.00	1.00	0.044	0.012	0.011	0.012	0.033	0.007
		Weak chl alt. Occurs in sections within unit. Most sections unaltered. K-alt within felsic dike.	HH21-106649	ASSAY	TB21236718	360.00	361.00	1.00	0.047	0.014	0.013	0.012	0.032	0.006
			HH21-106650	ASSAY	TB21236718	361.00	362.00	1.00	0.067	0.015	0.015	0.013	0.037	0.007
		Weak upper and lower contacts.	HH21-106651	ASSAY	TB21236718	362.00	363.00	1.00	0.075	0.017	0.015	0.014	0.040	0.008
			HH21-106652	ASSAY	TB21236718	363.00	364.00	1.00	0.072	0.015	0.013	0.015	0.041	0.007
			HH21-106653	ASSAY	TB21236718	364.00	365.00	1.00	0.081	0.016	0.014	0.016	0.039	0.007
			HH21-106654	ASSAY	TB21236718	365.00	366.00	1.00	0.048	0.011	0.008	0.013	0.035	0.006
			HH21-106656	ASSAY	TB21243894	366.00	367.00	1.00	0.044	0.015	0.012	0.012	0.031	0.006
			HH21-106657	ASSAY	TB21243894	367.00	368.00	1.00	0.037	0.010	0.007	0.008	0.024	0.004
			HH21-106658	ASSAY	TB21243894	368.00	369.00	1.00	0.076	0.012	0.013	0.012	0.039	0.007
			HH21-106659	ASSAY	TB21243894	369.00	370.00	1.00	0.094	0.016	0.013	0.012	0.045	0.007
			HH21-106660	ASSAY	TB21243894	370.00	371.00	1.00	0.111	0.019	0.015	0.014	0.049	0.008
			HH21-106661	ASSAY	TB21243894	371.00	372.00	1.00	0.097	0.017	0.013	0.012	0.040	0.006
			HH21-106662	ASSAY	TB21243894	372.00	373.00	1.00	0.113	0.019	0.010	0.012	0.043	0.007
			HH21-106663	ASSAY	TB21243894	373.00	374.00	1.00	0.125	0.024	0.009	0.011	0.046	0.007
			HH21-106664	ASSAY	TB21243894	374.00	375.00	1.00	0.141	0.021	0.007	0.010	0.045	0.007
			HH21-106665	ASSAY	TB21243894	375.00	376.06	1.06	0.106	0.016	0.011	0.011	0.049	0.007
376.06	385.28	GAB-Vt	HH21-106666	ASSAY	TB21243894	376.06	377.00	0.94	0.130	0.015	0.010	0.010	0.048	0.007
		GAB-VT	HH21-106667	ASSAY	TB21243894	377.00	378.00	1.00	0.227	0.022	0.011	0.012	0.054	0.008
		Moderate green, grey, and white colour.	HH21-106668	ASSAY	TB21243894	378.00	379.00	1.00	0.118	0.012	0.007	0.010	0.049	0.007
		Medium grained dominated.	HH21-106669	ASSAY	TB21243894	379.00	380.00	1.00	0.039	0.009	0.006	0.008	0.037	0.005
		Weak K-alt and Na-alt. K-alt seen also in felsic dike. After 382.22m, increase in K and Na-alt.	HH21-106670	ASSAY	TB21243894	380.00	381.00	1.00	0.032	0.013	0.009	0.010	0.032	0.005
			HH21-106671	ASSAY	TB21243894	381.00	382.00	1.00	0.035	0.009	0.003	0.010	0.032	0.005
			HH21-106672	ASSAY	TB21243894	382.00	383.00	1.00	0.087	0.012	0.006	0.011	0.029	0.005
		Weak upper and lower contacts.	HH21-106673	ASSAY	TB21243894	383.00	384.00	1.00	0.051	0.011	0.005	0.007	0.030	0.004
		Trace diss sulfides.	HH21-106674	ASSAY	TB21243894	384.00	385.28	1.28	0.034	0.014	0.008	0.010	0.030	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
385.28	395.30	NOR	HH21-106675	ASSAY	TB21243894	385.28	386.00	0.72	0.043	0.014	0.008	0.009	0.032	0.005
		NOR	HH21-106676	ASSAY	TB21243894	386.00	387.00	1.00	0.037	0.013	0.008	0.009	0.032	0.005
		Moderate grey, weak green in colour.	HH21-106678	ASSAY	TB21243894	387.00	388.00	1.00	0.036	0.012	0.007	0.009	0.033	0.005
		Fine grained dominated. Equigranular.	HH21-106679	ASSAY	TB21243894	388.00	389.00	1.00	0.027	0.012	0.006	0.009	0.032	0.005
		Weak chl alt, weak actinolite alt.	HH21-106680	ASSAY	TB21243894	389.00	390.00	1.00	0.030	0.013	0.006	0.008	0.032	0.005
		Strongly foliated felsic dike 394.79 to 395.30m.	HH21-106681	ASSAY	TB21243894	390.00	391.00	1.00	0.030	0.014	0.006	0.009	0.033	0.005
			HH21-106682	ASSAY	TB21243894	391.00	392.00	1.00	0.068	0.015	0.004	0.006	0.029	0.005
		Sulfide barren.	HH21-106683	ASSAY	TB21243894	392.00	393.00	1.00	0.052	0.017	0.007	0.010	0.029	0.005
		Weak upper contact, sharp lower contact.	HH21-106685	ASSAY	TB21243894	393.00	394.00	1.00	0.067	0.016	0.005	0.008	0.029	0.005
			HH21-106686	ASSAY	TB21243894	394.00	395.00	1.00	0.065	0.008	0.003	0.007	0.022	0.003
			HH21-106687	ASSAY	TB21243894	395.00	396.00	1.00	0.117	0.027	0.008	0.007	0.032	0.005
395.30	401.94	GAB-Vt	HH21-106688	ASSAY	TB21243894	396.00	397.00	1.00	0.053	0.020	0.007	0.008	0.031	0.005
		GAB-VT	HH21-106689	ASSAY	TB21243894	397.00	398.00	1.00	0.055	0.021	0.006	0.006	0.030	0.004
		Moderate grey, green, and white in colour.	HH21-106690	ASSAY	TB21243894	398.00	399.00	1.00	0.065	0.020	0.006	0.008	0.032	0.005
		Fine to medium grained (medium dominant).	HH21-106691	ASSAY	TB21243894	399.00	400.00	1.00	0.048	0.016	0.006	0.008	0.031	0.005
		Felsic dikes.	HH21-106692	ASSAY	TB21243894	400.00	401.00	1.00	0.039	0.014	0.003	0.004	0.025	0.004
		Weak chl alt. Weak Na-alt.	HH21-106693	ASSAY	TB21243894	401.00	401.94	0.94	0.049	0.021	0.004	0.006	0.031	0.005
		Sharp upper and lower contacts, both confined by dikes.												
		Sulfide barren.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
401.94	405.80	DIKE-Mafic	HH21-106694	ASSAY	TB21243894	401.94	403.00	1.06	0.002	0.003	0.007	0.015	0.007	0.004
		MAFIC DIKE	HH21-106696	ASSAY	TB21243894	403.00	404.00	1.00	0.001	0.003	0.003	0.012	0.006	0.004
		Fine grained to aphanitic dark grey dike with 10% felsic dikes running through.	HH21-106697	ASSAY	TB21243894	404.00	405.00	1.00	0.001	0.003	0.005	0.012	0.002	0.002
		Trace pyrite occurring as blebs.	HH21-106698	ASSAY	TB21243894	405.00	405.80	0.80	0.003	0.003	0.005	0.010	0.002	0.002
		Weak chl alt.												
		Higher mag susc compared to rock around. (Diabase?)												
		Sharp upper and lower contacts.												
405.80	408.50	GAB-Vt	HH21-106699	ASSAY	TB21243894	405.80	407.00	1.20	0.064	0.021	0.005	0.007	0.030	0.005
		GAB-VT	HH21-106700	ASSAY	TB21243894	407.00	408.50	1.50	0.045	0.014	0.006	0.007	0.024	0.004
		Mod. green and white.												
		Med. grain.												
		Moderate chl alt. Weak actinolite alt.												
		Sharp upper contact, weak lower contact.												
		Mafic dike within unit.												
		Sulfide barren.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
408.50	460.23	NOR	HH21-106701	ASSAY	TB21243894	408.50	410.00	1.50	0.056	0.021	0.007	0.009	0.032	0.005
		NORITE.	HH21-106702	ASSAY	TB21243894	410.00	411.00	1.00	0.057	0.024	0.006	0.008	0.031	0.005
		Dark grey, purple, and green in colour. The unit is weakly chl altered where the rock exhibits a greener colour.	HH21-106703	ASSAY	TB21243894	411.00	412.00	1.00	0.058	0.023	0.009	0.011	0.030	0.005
			HH21-106704	ASSAY	TB21243894	412.00	413.00	1.00	0.048	0.017	0.006	0.009	0.032	0.005
			HH21-106705	ASSAY	TB21243894	413.00	414.00	1.00	0.064	0.025	0.007	0.009	0.031	0.005
		Gradational upper and lower contacts.	HH21-106706	ASSAY	TB21243894	414.00	415.00	1.00	0.061	0.024	0.007	0.009	0.033	0.005
		Fg-mg.	HH21-106707	ASSAY	TB21243894	415.00	416.00	1.00	0.063	0.026	0.007	0.009	0.034	0.005
			HH21-106708	ASSAY	TB21243894	416.00	417.00	1.00	0.062	0.026	0.009	0.010	0.033	0.005
		Non-foliated to weakly foliated. Rare sections of moderate foliation. Mod-strong foliation from 448.48-449.06.	HH21-106709	ASSAY	TB21243894	417.00	418.00	1.00	0.143	0.029	0.012	0.011	0.034	0.005
			HH21-106710	ASSAY	TB21243894	418.00	419.00	1.00	0.055	0.023	0.008	0.009	0.032	0.005
			HH21-106711	ASSAY	TB21243894	419.00	420.00	1.00	0.059	0.022	0.007	0.009	0.032	0.005
		The unit intercepts small gabbroic sections from: 416.91-416.7, 427.78-429.52(intercolated section), 435-435.64), 441-450.42(intercalated). Within these gabbro sections, there is a weak-mod na-alt.	HH21-106712	ASSAY	TB21243894	420.00	421.00	1.00	0.062	0.030	0.007	0.009	0.033	0.005
			HH21-106714	ASSAY	TB21243894	421.00	422.00	1.00	0.057	0.026	0.009	0.010	0.033	0.005
			HH21-106715	ASSAY	TB21243894	422.00	423.00	1.00	0.122	0.033	0.018	0.025	0.042	0.007
		Trace sulfides occurring in a couple fg pyrite bleb.	HH21-106716	ASSAY	TB21243894	423.00	424.00	1.00	0.122	0.049	0.012	0.013	0.040	0.007
			HH21-106717	ASSAY	TB21243894	424.00	425.00	1.00	0.104	0.045	0.007	0.010	0.039	0.006
			HH21-106718	ASSAY	TB21243894	425.00	426.00	1.00	0.079	0.029	0.007	0.010	0.039	0.006
			HH21-106719	ASSAY	TB21243894	426.00	427.00	1.00	0.053	0.015	0.004	0.009	0.037	0.006
			HH21-106721	ASSAY	TB21243894	427.00	428.00	1.00	0.035	0.013	0.005	0.010	0.034	0.005
			HH21-106722	ASSAY	TB21243894	428.00	429.00	1.00	0.176	0.017	0.009	0.016	0.041	0.006
			HH21-106723	ASSAY	TB21243894	429.00	430.00	1.00	0.237	0.042	0.017	0.015	0.044	0.007
			HH21-106724	ASSAY	TB21243894	430.00	431.00	1.00	0.108	0.023	0.010	0.011	0.037	0.006
			HH21-106725	ASSAY	TB21243894	431.00	432.00	1.00	0.103	0.025	0.008	0.009	0.032	0.005
			HH21-106726	ASSAY	TB21243894	432.00	433.00	1.00	0.137	0.028	0.008	0.011	0.037	0.006
			HH21-106727	ASSAY	TB21243894	433.00	434.00	1.00	0.156	0.030	0.008	0.011	0.038	0.006
			HH21-106728	ASSAY	TB21243894	434.00	435.00	1.00	0.144	0.036	0.008	0.011	0.038	0.006
			HH21-106729	ASSAY	TB21243894	435.00	436.00	1.00	0.176	0.042	0.014	0.010	0.042	0.006
			HH21-106730	ASSAY	TB21243894	436.00	437.00	1.00	0.180	0.041	0.008	0.008	0.041	0.006
			HH21-106731	ASSAY	TB21243894	437.00	438.00	1.00	0.195	0.052	0.007	0.009	0.041	0.006
			HH21-106732	ASSAY	TB21243894	438.00	439.00	1.00	0.151	0.048	0.006	0.009	0.040	0.006
			HH21-106734	ASSAY	TB21243895	439.00	440.00	1.00	0.151	0.045	0.008	0.009	0.040	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106735	ASSAY	TB21243895	440.00	441.00	1.00	0.178	0.052	0.009	0.010	0.040	0.006
			HH21-106736	ASSAY	TB21243895	441.00	442.00	1.00	0.158	0.060	0.012	0.009	0.039	0.006
			HH21-106737	ASSAY	TB21243895	442.00	443.00	1.00	0.141	0.057	0.015	0.009	0.037	0.006
			HH21-106738	ASSAY	TB21243895	443.00	444.00	1.00	0.129	0.052	0.028	0.010	0.036	0.005
			HH21-106739	ASSAY	TB21243895	444.00	445.00	1.00	0.139	0.055	0.009	0.009	0.036	0.005
			HH21-106740	ASSAY	TB21243895	445.00	446.00	1.00	0.144	0.051	0.009	0.011	0.036	0.006
			HH21-106741	ASSAY	TB21243895	446.00	447.00	1.00	0.164	0.055	0.014	0.012	0.035	0.005
			HH21-106742	ASSAY	TB21243895	447.00	448.00	1.00	0.145	0.054	0.014	0.011	0.034	0.005
			HH21-106743	ASSAY	TB21243895	448.00	449.00	1.00	0.120	0.044	0.013	0.008	0.030	0.005
			HH21-106744	ASSAY	TB21243895	449.00	450.00	1.00	0.056	0.018	0.011	0.007	0.030	0.005
			HH21-106745	ASSAY	TB21243895	450.00	451.00	1.00	0.063	0.021	0.011	0.010	0.031	0.005
			HH21-106747	ASSAY	TB21243895	451.00	452.00	1.00	0.061	0.017	0.010	0.008	0.030	0.005
			HH21-106748	ASSAY	TB21243895	452.00	453.00	1.00	0.085	0.021	0.010	0.009	0.035	0.006
			HH21-106749	ASSAY	TB21243895	453.00	454.00	1.00	0.096	0.021	0.009	0.010	0.036	0.006
			HH21-106750	ASSAY	TB21243895	454.00	455.00	1.00	0.086	0.026	0.014	0.009	0.035	0.006
			HH21-106751	ASSAY	TB21243895	455.00	456.00	1.00	0.124	0.032	0.014	0.009	0.034	0.005
			HH21-106752	ASSAY	TB21243895	456.00	457.00	1.00	0.110	0.037	0.013	0.008	0.035	0.006
			HH21-106753	ASSAY	TB21243895	457.00	458.00	1.00	0.192	0.040	0.017	0.010	0.034	0.005
			HH21-106754	ASSAY	TB21243895	458.00	459.00	1.00	0.159	0.036	0.022	0.012	0.039	0.006
			HH21-106755	ASSAY	TB21243895	459.00	460.23	1.23	0.093	0.031	0.014	0.011	0.038	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
460.23	493.05	GAB-Vt	HH21-106756	ASSAY	TB21243895	460.23	461.00	0.77	0.100	0.018	0.027	0.013	0.041	0.006
		GAB-VT	HH21-106757	ASSAY	TB21243895	461.00	462.00	1.00	0.085	0.017	0.022	0.013	0.039	0.006
		Dark green, grey, with white in colour.	HH21-106759	ASSAY	TB21243895	462.00	463.00	1.00	0.080	0.019	0.013	0.008	0.027	0.004
		Moderate chl alteration. Weak Na alt.	HH21-106760	ASSAY	TB21243895	463.00	464.00	1.00	0.240	0.039	0.021	0.012	0.039	0.006
			HH21-106761	ASSAY	TB21243895	464.00	465.00	1.00	0.603	0.073	0.044	0.024	0.055	0.006
		Fine to medium grained dominated, with some coarse grained sections.	HH21-106762	ASSAY	TB21243895	465.00	466.00	1.00	3.010	0.222	0.217	0.107	0.139	0.008
			HH21-106763	ASSAY	TB21243895	466.00	467.00	1.00	1.480	0.141	0.157	0.063	0.085	0.006
		Deformed felsic dikes with irregular contacts, occurring from 462.48 to 463.13m; 466.41 to 466.66m. Weak K-alt in dikes.	HH21-106764	ASSAY	TB21243895	467.00	468.00	1.00	1.480	0.173	0.234	0.065	0.089	0.007
			HH21-106765	ASSAY	TB21243895	468.00	469.00	1.00	2.830	0.263	0.265	0.123	0.147	0.008
			HH21-106766	ASSAY	TB21243895	469.00	470.00	1.00	0.719	0.080	0.082	0.036	0.057	0.006
		Coarse grained blebby sulfides; Py, Po, Cpy = 1% overall. Slight decrease in sulfide content toward end of section.	HH21-106767	ASSAY	TB21243895	470.00	471.00	1.00	2.430	0.168	0.671	0.122	0.121	0.007
			HH21-106768	ASSAY	TB21243895	471.00	472.00	1.00	1.860	0.129	0.112	0.070	0.111	0.007
			HH21-106769	ASSAY	TB21243895	472.00	473.00	1.00	0.479	0.049	0.030	0.023	0.048	0.006
		Gradational upper contact. Sharp lower contact.	HH21-106770	ASSAY	TB21243895	473.00	474.00	1.00	1.200	0.106	0.048	0.034	0.070	0.006
			HH21-106771	ASSAY	TB21243895	474.00	475.00	1.00	0.894	0.084	0.069	0.033	0.065	0.005
			HH21-106772	ASSAY	TB21243895	475.00	476.00	1.00	0.731	0.068	0.064	0.029	0.058	0.005
			HH21-106773	ASSAY	TB21243895	476.00	477.00	1.00	0.709	0.165	0.046	0.024	0.058	0.007
			HH21-106774	ASSAY	TB21243895	477.00	478.00	1.00	0.439	0.074	0.019	0.022	0.044	0.005
			HH21-106775	ASSAY	TB21243895	478.00	479.00	1.00	2.020	0.455	0.044	0.044	0.062	0.004
			HH21-106776	ASSAY	TB21243895	479.00	480.00	1.00	1.370	0.240	0.060	0.026	0.046	0.004
			HH21-106778	ASSAY	TB21243895	480.00	481.00	1.00	0.482	0.054	0.040	0.023	0.055	0.005
			HH21-106779	ASSAY	TB21243895	481.00	482.00	1.00	0.556	0.045	0.036	0.020	0.045	0.005
			HH21-106780	ASSAY	TB21243895	482.00	483.00	1.00	0.598	0.070	0.047	0.022	0.043	0.005
			HH21-106781	ASSAY	TB21243895	483.00	484.00	1.00	0.368	0.040	0.043	0.025	0.040	0.005
			HH21-106782	ASSAY	TB21243895	484.00	485.00	1.00	0.009	0.003	0.070	0.021	0.020	0.006
			HH21-106783	ASSAY	TB21243895	485.00	486.00	1.00	0.225	0.018	0.016	0.022	0.032	0.005
			HH21-106784	ASSAY	TB21243895	486.00	487.00	1.00	1.620	0.135	0.014	0.020	0.102	0.006
			HH21-106785	ASSAY	TB21243895	487.00	488.00	1.00	1.240	0.118	0.007	0.010	0.063	0.005
			HH21-106786	ASSAY	TB21243895	488.00	489.00	1.00	1.590	0.153	0.136	0.051	0.067	0.005
			HH21-106787	ASSAY	TB21243895	489.00	490.00	1.00	1.930	0.144	0.033	0.054	0.101	0.006
			HH21-106788	ASSAY	TB21243895	490.00	491.00	1.00	3.920	0.300	0.220	0.117	0.131	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106789	ASSAY	TB21243895	491.00	492.00	1.00	3.660	0.320	0.263	0.188	0.166	0.008
			HH21-106790	ASSAY	TB21243895	492.00	493.05	1.05	2.980	0.246	0.148	0.130	0.143	0.008
493.05	499.22	LGAB												
LGAB			HH21-106791	ASSAY	TB21243895	493.05	494.00	0.95	1.240	0.109	0.029	0.038	0.054	0.004
			HH21-106792	ASSAY	TB21243895	494.00	495.00	1.00	0.735	0.059	0.022	0.028	0.048	0.004
		Creamy white, dark green, weak pink in colour.	HH21-106793	ASSAY	TB21243895	495.00	496.00	1.00	0.042	0.011	0.003	0.004	0.022	0.003
		Coarse to medium grained.	HH21-106794	ASSAY	TB21243895	496.00	497.00	1.00	0.095	0.020	0.001	0.002	0.028	0.004
			HH21-106795	ASSAY	TB21243895	497.00	498.00	1.00	0.340	0.046	0.003	0.005	0.028	0.003
		Shear fabrics. Overall weak strain, but sections of strong strain.	HH21-106797	ASSAY	TB21243895	498.00	499.22	1.22	0.049	0.013	0.003	0.006	0.022	0.004
		Moderate Na alteration, weak K and chl alt.												
		Sulfide content low, small pockets.												
		Sharp upper contact, gradational lower contact.												
499.22	505.48	GAB-Vt												
GAB-VT			HH21-106798	ASSAY	TB21243895	499.22	500.00	0.78	0.060	0.009	0.003	0.005	0.029	0.004
			HH21-106799	ASSAY	TB21243895	500.00	501.00	1.00	0.269	0.037	0.016	0.012	0.036	0.004
		Dark green, white, grey.	HH21-106800	ASSAY	TB21243895	501.00	502.00	1.00	0.486	0.032	0.144	0.046	0.053	0.005
		Fine to medium grained. Fine-grained is majority.	HH21-106801	ASSAY	TB21243895	502.00	503.00	1.00	0.257	0.021	0.004	0.014	0.022	0.003
			HH21-106803	ASSAY	TB21243895	503.00	504.00	1.00	0.006	0.003	0.001	0.013	0.013	0.004
		Ophitic texture from 500.95 to 501.3m. Characterized by bladed chlorite xls within plag matrix.	HH21-106804	ASSAY	TB21243895	504.00	505.48	1.48	0.003	0.003	0.003	0.016	0.009	0.004
		Weak k-alt, weak Na-alt, moderate chl. alt.												
		502.01-502.23m deformed felsic dike with spotty k-alteration through it.												
		Weak mineralization, py appearing as occasional blebs and fracturing infill.												
		Sharp upper lower contact.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
505.48	552.54	TON	HH21-106805	ASSAY	TB21243895	505.48	506.00	0.52	0.001	0.003	0.001	0.008	0.003	0.004
		TONALITE	HH21-106806	ASSAY	TB21243895	506.00	507.00	1.00	0.001	0.003	0.001	0.004	0.002	0.003
		Dark and light grey, white, pink, green.	HH21-106807	ASSAY	TB21243895	507.00	508.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
		Coarse grained. Augen texture in some sections.	HH21-106808	ASSAY	TB21243895	508.00	509.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003
		Overall not foliated, some sections exhibiting foliations. From 544.22 to 546.91m moderate to strong foliation, augen texture observed. Foliation angles range from 45 to 10 degrees.	HH21-106809	ASSAY	TB21243895	509.00	510.00	1.00	0.001	0.003	0.001	0.005	0.002	0.002
			HH21-106810	ASSAY	TB21243895	510.00	511.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			HH21-106812	ASSAY	TB21240312	511.00	512.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003
			HH21-106813	ASSAY	TB21240312	512.00	513.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003
		Sulfide content low, occurring as py.	HH21-106814	ASSAY	TB21240312	513.00	514.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
			HH21-106815	ASSAY	TB21240312	514.00	515.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
		Moderate epidote alt, weak K-alt, weak Na-alt	HH21-106816	ASSAY	TB21240312	515.00	516.00	1.00	0.002	0.003	0.001	0.005	0.002	0.002
		Healed fault at 552.35 to 552.54m. Evidence of serisite.	HH21-106817	ASSAY	TB21240312	516.00	517.00	1.00	1.520	0.121	0.074	0.029	0.030	0.003
			HH21-106818	ASSAY	TB21240312	517.00	518.00	1.00	0.153	0.003	0.004	0.010	0.008	0.003
		Deformed felsic dike occurring from 521.21 to 521.55m. Mafic section from 525.02 to 525.55m.	HH21-106819	ASSAY	TB21240312	518.00	519.00	1.00	0.070	0.006	0.002	0.013	0.008	0.002
			HH21-106820	ASSAY	TB21240312	519.00	520.00	1.00	0.142	0.010	0.006	0.008	0.008	0.002
			HH21-106821	ASSAY	TB21240312	520.00	521.00	1.00	0.013	0.003	0.005	0.005	0.002	0.002
			HH21-106822	ASSAY	TB21240312	521.00	522.00	1.00	0.208	0.014	0.014	0.012	0.008	0.002
			HH21-106823	ASSAY	TB21240312	522.00	523.00	1.00	0.107	0.011	0.007	0.006	0.006	0.002
			HH21-106824	ASSAY	TB21240312	523.00	524.00	1.00	0.021	0.003	0.001	0.005	0.003	0.003
			HH21-106826	ASSAY	TB21240312	524.00	525.00	1.00	0.025	0.005	0.005	0.006	0.004	0.003
			HH21-106827	ASSAY	TB21240312	525.00	526.00	1.00	0.036	0.003	0.004	0.013	0.007	0.004
			HH21-106828	ASSAY	TB21240312	526.00	527.00	1.00	0.003	0.003	0.001	0.002	0.002	0.002
			HH21-106829	ASSAY	TB21240312	527.00	528.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			HH21-106830	ASSAY	TB21240312	528.00	529.00	1.00	0.120	0.012	0.001	0.004	0.006	0.002
			HH21-106831	ASSAY	TB21240312	529.00	530.00	1.00	0.234	0.026	0.004	0.007	0.011	0.002
			HH21-106832	ASSAY	TB21240312	530.00	531.00	1.00	0.109	0.009	0.002	0.007	0.006	0.002
			HH21-106833	ASSAY	TB21240312	531.00	532.00	1.00	0.085	0.009	0.003	0.010	0.005	0.003
			HH21-106834	ASSAY	TB21240312	532.00	533.00	1.00	0.020	0.005	0.001	0.011	0.004	0.002
			HH21-106835	ASSAY	TB21240312	533.00	534.00	1.00	0.187	0.008	0.001	0.008	0.014	0.003
			HH21-106836	ASSAY	TB21240312	534.00	535.00	1.00	0.008	0.005	0.001	0.004	0.003	0.002
			HH21-106837	ASSAY	TB21240312	535.00	536.00	1.00	0.017	0.005	0.001	0.004	0.003	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-106838	ASSAY	TB21240312	536.00	537.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			HH21-106839	ASSAY	TB21240312	537.00	538.00	1.00	0.003	0.003	0.001	0.005	0.002	0.003
			HH21-106840	ASSAY	TB21240312	538.00	539.00	1.00	0.001	0.003	0.001	0.007	0.002	0.003
			HH21-106841	ASSAY	TB21240312	539.00	540.00	1.00	0.001	0.005	0.001	0.015	0.003	0.003
			HH21-106842	ASSAY	TB21240312	540.00	541.00	1.00	0.059	0.003	0.001	0.009	0.004	0.003
			HH21-106844	ASSAY	TB21240312	541.00	542.00	1.00	0.024	0.008	0.001	0.005	0.004	0.003
			HH21-106845	ASSAY	TB21240312	542.00	543.00	1.00	0.013	0.007	0.001	0.004	0.003	0.003
			HH21-106846	ASSAY	TB21240312	543.00	544.00	1.00	0.027	0.007	0.001	0.006	0.004	0.003
			HH21-106847	ASSAY	TB21240312	544.00	545.00	1.00	0.015	0.008	0.001	0.004	0.003	0.003
			HH21-106848	ASSAY	TB21240312	545.00	546.00	1.00	0.071	0.014	0.001	0.004	0.006	0.003
			HH21-106849	ASSAY	TB21240312	546.00	547.00	1.00	0.051	0.008	0.001	0.004	0.006	0.003
			HH21-106850	ASSAY	TB21240312	547.00	548.00	1.00	0.038	0.003	0.001	0.004	0.003	0.002
			HH21-106851	ASSAY	TB21240312	548.00	549.00	1.00	0.010	0.003	0.001	0.004	0.003	0.003
			HH21-106852	ASSAY	TB21240312	549.00	550.00	1.00	0.001	0.003	0.001	0.007	0.002	0.003
			HH21-106853	ASSAY	TB21240312	550.00	551.00	1.00	0.001	0.003	0.001	0.004	0.002	0.003
			HH21-106854	ASSAY	TB21240312	551.00	552.00	1.00	0.001	0.003	0.001	0.006	0.002	0.003
			HH21-106855	ASSAY	TB21240312	552.00	552.54	0.54	0.029	0.007	0.001	0.003	0.009	0.002
552.54	554.12	DIKE-Mafic	HH21-106856	ASSAY	TB21240312	552.54	553.12	0.58	0.145	0.017	0.001	0.002	0.050	0.006
MAFIC DIKE			HH21-106857	ASSAY	TB21240312	553.12	554.12	1.00	0.269	0.030	0.002	0.009	0.054	0.006
Dark green to dark grey colour.														
Fine grained. Unfoliated.														
Moderate chlorite altered. Weak k-alteration in some sections.														
Sulfide barren.														
Sharp upper contact, weak lower contact.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
554.12	567.80	GAB-Vt	HH21-106858	ASSAY	TB21240312	554.12	555.00	0.88	0.127	0.018	0.006	0.010	0.047	0.006
		GAB-VT	HH21-106859	ASSAY	TB21240312	555.00	556.00	1.00	0.131	0.018	0.003	0.007	0.052	0.006
		Dark Grey, green, white.	HH21-106860	ASSAY	TB21240312	556.00	557.00	1.00	0.377	0.027	0.013	0.017	0.052	0.006
		Fine to medium grained.	HH21-106862	ASSAY	TB21240312	557.00	558.00	1.00	0.092	0.011	0.006	0.014	0.044	0.006
		Sulfides fracture filling and disseminated, and fine grained blebs.	HH21-106863	ASSAY	TB21240312	558.00	559.00	1.00	0.334	0.028	0.013	0.021	0.048	0.006
			HH21-106864	ASSAY	TB21240312	559.00	560.00	1.00	0.111	0.012	0.004	0.017	0.036	0.005
		Some intercalated norite throughout.	HH21-106865	ASSAY	TB21240312	560.00	561.00	1.00	0.173	0.015	0.010	0.019	0.034	0.005
			HH21-106866	ASSAY	TB21240312	561.00	562.00	1.00	0.218	0.025	0.045	0.040	0.041	0.005
		Gradational upper and lower contacts.	HH21-106867	ASSAY	TB21240312	562.00	563.00	1.00	1.070	0.095	0.220	0.076	0.045	0.005
			HH21-106868	ASSAY	TB21240312	563.00	564.00	1.00	0.144	0.020	0.012	0.019	0.039	0.007
		2 felsic intrusives within, 1-3cm thick.	HH21-106869	ASSAY	TB21240312	564.00	565.00	1.00	0.661	0.060	0.057	0.041	0.064	0.008
		Weak Na-alt, mod chl alt, weak k-alt, weak actinolite alt.	HH21-106870	ASSAY	TB21240312	565.00	566.00	1.00	0.482	0.050	0.033	0.029	0.055	0.009
			HH21-106872	ASSAY	TB21240312	566.00	567.00	1.00	0.183	0.029	0.026	0.019	0.035	0.006
			HH21-106873	ASSAY	TB21240312	567.00	567.80	0.80	0.137	0.023	0.007	0.013	0.037	0.007
567.80	573.06	NOR	HH21-106874	ASSAY	TB21240312	567.80	569.00	1.20	0.193	0.022	0.015	0.016	0.039	0.006
		NORITE	HH21-106875	ASSAY	TB21240312	569.00	570.00	1.00	0.349	0.034	0.029	0.021	0.045	0.007
		Purple, green, grey colour.	HH21-106877	ASSAY	TB21240312	570.00	571.00	1.00	0.305	0.031	0.032	0.018	0.040	0.006
		Fine grained. Non-foliated.	HH21-106878	ASSAY	TB21240312	571.00	572.00	1.00	0.261	0.032	0.023	0.019	0.038	0.006
			HH21-106879	ASSAY	TB21240312	572.00	573.06	1.06	0.140	0.023	0.007	0.016	0.035	0.006
		Gradational upper and lower contacts.												
		Some intercalated gabbro.												
		Weak Na-alt, mod chl alt, weak actinolite.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
573.06	580.28	GAB-Vt	HH21-106880	ASSAY	TB21240312	573.06	574.00	0.94	0.134	0.026	0.012	0.014	0.032	0.006
		GAB-VT	HH21-106881	ASSAY	TB21240312	574.00	575.00	1.00	0.264	0.034	0.020	0.019	0.038	0.006
		Grey, green,white.	HH21-106882	ASSAY	TB21240312	575.00	576.00	1.00	0.678	0.069	0.042	0.025	0.041	0.006
		Fine to coarse grained. Fine dominant. Non-foliated.	HH21-106883	ASSAY	TB21240312	576.00	577.00	1.00	0.663	0.076	0.053	0.033	0.046	0.005
		Spotty sodic alteration. Moderate chl alt. Weak actinolite alt.	HH21-106884	ASSAY	TB21240312	577.00	578.00	1.00	1.560	0.268	0.121	0.037	0.066	0.007
			HH21-106885	ASSAY	TB21240312	578.00	579.00	1.00	1.220	0.221	0.099	0.030	0.045	0.004
		Sulfides CPY.	HH21-106886	ASSAY	TB21240312	579.00	580.20	1.20	0.497	0.047	0.032	0.017	0.046	0.005
			HH21-106887	ASSAY	TB21240312	580.20	581.00	0.80	0.001	0.003	0.001	0.003	0.001	0.001
		gradational upper contact, sharp lower contact.												
580.28	583.85	DIKE-Intermediate	HH21-106888	ASSAY	TB21240312	581.00	582.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
		INTERMEDIATE DIKE	HH21-106890	ASSAY	TB21243889	582.00	583.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
		Pink, purple, to grey.	HH21-106891	ASSAY	TB21243889	583.00	583.85	0.85	0.004	0.003	0.007	0.006	0.002	0.001
		Fine grained and massive.												
		Few sulfides, likely fg pyrite.												
		Sharp contacts.												
		Silicious unit with moderate patchy k-alt throughout..												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
583.85	605.37	GAB-Vt	HH21-106892	ASSAY	TB21243889	583.85	585.00	1.15	1.040	0.110	0.069	0.045	0.069	0.005
		GAB-VT. Dark green-grey and white. Medium to coarse grained. Mod chl, weak na-alt, weak k-alt, weak actinolite alt.	HH21-106893	ASSAY	TB21243889	585.00	586.00	1.00	2.060	0.157	0.183	0.123	0.083	0.005
			HH21-106894	ASSAY	TB21243889	586.00	587.00	1.00	2.490	0.177	0.178	0.149	0.096	0.006
			HH21-106895	ASSAY	TB21243889	587.00	588.00	1.00	0.624	0.061	0.125	0.073	0.047	0.005
		Weak-no foliation. Occasional ophitic sections within.	HH21-106896	ASSAY	TB21243889	588.00	589.00	1.00	0.486	0.067	0.036	0.027	0.047	0.005
			HH21-106897	ASSAY	TB21243889	589.00	590.00	1.00	2.690	0.178	0.171	0.142	0.121	0.007
		3% felsic dikes, irregular contacts.	HH21-106898	ASSAY	TB21243889	590.00	591.00	1.00	2.490	0.147	0.058	0.073	0.132	0.007
			HH21-106900	ASSAY	TB21243889	591.00	592.00	1.00	0.637	0.043	0.028	0.040	0.054	0.006
		Py, po and cpy occuring as blebs, disseminations and fracture infill.	HH21-106901	ASSAY	TB21243889	592.00	593.00	1.00	0.231	0.005	0.052	0.031	0.032	0.005
			HH21-106902	ASSAY	TB21243889	593.00	594.00	1.00	2.680	0.278	0.194	0.122	0.120	0.007
		Sharp upper and lower contacts.	HH21-106903	ASSAY	TB21243889	594.00	595.00	1.00	0.880	0.099	0.100	0.050	0.050	0.005
			HH21-106904	ASSAY	TB21243889	595.00	596.00	1.00	1.210	0.173	0.115	0.070	0.076	0.006
			HH21-106905	ASSAY	TB21243889	596.00	597.00	1.00	1.100	0.106	0.107	0.062	0.069	0.006
			HH21-106906	ASSAY	TB21243889	597.00	598.00	1.00	0.867	0.096	0.028	0.037	0.046	0.004
			HH21-106907	ASSAY	TB21243889	598.00	599.00	1.00	0.985	0.093	0.030	0.041	0.053	0.004
			HH21-106908	ASSAY	TB21243889	599.00	600.00	1.00	0.548	0.063	0.016	0.018	0.035	0.004
			HH21-106909	ASSAY	TB21243889	600.00	601.00	1.00	2.450	0.174	0.109	0.084	0.140	0.007
			HH21-106910	ASSAY	TB21243889	601.00	602.00	1.00	0.674	0.102	0.141	0.051	0.042	0.004
			HH21-106911	ASSAY	TB21243889	602.00	603.00	1.00	1.230	0.053	0.113	0.077	0.071	0.005
			HH21-106912	ASSAY	TB21243889	603.00	604.00	1.00	0.386	0.041	0.066	0.033	0.033	0.005
			HH21-106913	ASSAY	TB21243889	604.00	605.37	1.37	0.084	0.017	0.013	0.015	0.027	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
605.37	613.20	TON	HH21-106914	ASSAY	TB21243889	605.37	606.00	0.63	0.111	0.008	0.007	0.006	0.008	0.002
		TONALITE.	HH21-106916	ASSAY	TB21243889	606.00	607.00	1.00	0.012	0.003	0.003	0.004	0.002	0.001
		Grey, green, white, weakly pink.	HH21-106917	ASSAY	TB21243889	607.00	608.00	1.00	0.032	0.003	0.004	0.002	0.001	0.001
		Fine to medium grained.	HH21-106918	ASSAY	TB21243889	608.00	609.00	1.00	0.017	0.003	0.003	0.003	0.001	0.001
		Moderate to strong foliations. Ranging from 40-55degrees.	HH21-106919	ASSAY	TB21243889	609.00	610.00	1.00	0.009	0.003	0.002	0.001	0.001	0.001
			HH21-106920	ASSAY	TB21243889	610.00	611.00	1.00	0.003	0.003	0.001	0.001	0.000	0.001
			HH21-106921	ASSAY	TB21243889	611.00	612.00	1.00	0.002	0.003	0.001	0.002	0.000	0.001
		Hairline fractures throughout, infilled with serasite. Patchy k-alt haloing fractures.	HH21-106922	ASSAY	TB21243889	612.00	613.20	1.20	0.001	0.003	0.001	0.001	0.000	0.001
		Sharp upper contact, gradational lower contact.												
		One small, 3cm mafic dike. Similar nature to earlier mafic dike.												
		Unit begins with 60cm of intercalated mafic and felsic dikes.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
613.20	632.20	TON	HH21-106923	ASSAY	TB21243889	613.20	614.00	0.80	0.002	0.003	0.002	0.002	0.001	0.001
		TONALITE	HH21-106924	ASSAY	TB21243889	614.00	615.00	1.00	0.001	0.003	0.003	0.002	0.002	0.001
		Creamy white, dark green, and pink.	HH21-106925	ASSAY	TB21243889	615.00	616.00	1.00	0.066	0.005	0.008	0.007	0.005	0.002
		Medium to coarse grained.	HH21-106926	ASSAY	TB21243889	616.00	617.00	1.00	0.249	0.020	0.018	0.020	0.009	0.002
		Strong k-alt from 613.7 to 615.67m. Hairline fractures along core axis infilled with sericite. Mod quartz alt. Epidote observed filling a fracture around 628.7m. Weak chl alt. Weak, patchy sodic alt.	HH21-106927	ASSAY	TB21243889	617.00	618.00	1.00	0.002	0.003	0.002	0.005	0.002	0.002
			HH21-106928	ASSAY	TB21243889	618.00	619.00	1.00	0.001	0.003	0.012	0.025	0.002	0.002
			HH21-106929	ASSAY	TB21243889	619.00	620.00	1.00	0.001	0.003	0.005	0.035	0.002	0.002
			HH21-106930	ASSAY	TB21243889	620.00	621.00	1.00	0.001	0.003	0.003	0.016	0.001	0.002
		Sulfide barren.	HH21-106931	ASSAY	TB21243889	621.00	622.00	1.00	0.001	0.003	0.002	0.011	0.002	0.002
			HH21-106932	ASSAY	TB21243889	622.00	623.00	1.00	0.001	0.003	0.002	0.008	0.002	0.002
		Fine grained section from 625.63 to 626.40m, moderatley foliated at 35 degrees.	HH21-106933	ASSAY	TB21243889	623.00	624.00	1.00	0.001	0.003	0.001	0.005	0.002	0.002
			HH21-106934	ASSAY	TB21243889	624.00	625.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
		Gradational upper contact, sharp lower contact.	HH21-106936	ASSAY	TB21243889	625.00	626.00	1.00	0.001	0.003	0.001	0.003	0.001	0.001
			HH21-106937	ASSAY	TB21243889	626.00	627.00	1.00	0.001	0.003	0.005	0.025	0.001	0.002
			HH21-106938	ASSAY	TB21243889	627.00	628.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			HH21-106939	ASSAY	TB21243889	628.00	629.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			HH21-106940	ASSAY	TB21243889	629.00	630.00	1.00	0.001	0.003	0.001	0.008	0.002	0.002
			HH21-106941	ASSAY	TB21243889	630.00	631.00	1.00	0.001	0.003	0.002	0.010	0.002	0.003
			HH21-106942	ASSAY	TB21243889	631.00	632.20	1.20	0.001	0.003	0.001	0.009	0.002	0.002
632.20	637.76	TON	HH21-106943	ASSAY	TB21243889	632.20	633.00	0.80	0.001	0.003	0.001	0.001	0.001	0.000
		TONALITE	HH21-106944	ASSAY	TB21243889	633.00	634.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
		Grey, green, white, pink.	HH21-106945	ASSAY	TB21243889	634.00	635.00	1.00	0.001	0.003	0.001	0.000	0.001	0.000
		Fine to medium grained. Strongly foliation from 20 to 35 degrees.	HH21-106947	ASSAY	TB21243889	635.00	636.00	1.00	0.003	0.003	0.002	0.001	0.001	0.000
			HH21-106948	ASSAY	TB21243889	636.00	637.00	1.00	0.001	0.003	0.001	0.000	0.001	0.000
		Sharp upper and lower contacts.	HH21-106949	ASSAY	TB21243889	637.00	637.76	0.76	0.133	0.015	0.003	0.006	0.012	0.001
		Moderate k-alt, moderate chl alt.												
		Felsic dike that may be a healed fault from 632.29 to 632.88m. Silicified with sericite stringers throughout with sharp contacts.												
		Sulfide barren.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
637.76	650.54	GAB	HH21-106950	ASSAY	TB21243889	637.76	639.00	1.24	0.339	0.034	0.019	0.019	0.037	0.005
GAB-VT			HH21-106951	ASSAY	TB21243889	639.00	640.00	1.00	1.580	0.120	0.165	0.077	0.060	0.005
Fine to medium grained with some coarse grained sections. Fine grained section from 640.46 to 641.0m. Section of Leucogabbro 641.28 to 641.64m; coarse grained with moderate sodic alteration. Seeing stronger mineralization in the coarse grained sections.			HH21-106952	ASSAY	TB21243889	640.00	641.00	1.00	1.910	0.307	0.146	0.063	0.077	0.007
			HH21-106953	ASSAY	TB21243889	641.00	642.00	1.00	3.240	0.380	0.133	0.087	0.171	0.006
			HH21-106954	ASSAY	TB21243889	642.00	643.00	1.00	0.367	0.047	0.030	0.016	0.048	0.005
			HH21-106955	ASSAY	TB21243889	643.00	644.00	1.00	0.257	0.047	0.026	0.011	0.040	0.005
Sulfides cpy, py, po; blebby.			HH21-106956	ASSAY	TB21243889	644.00	645.00	1.00	0.351	0.079	0.028	0.012	0.038	0.005
			HH21-106957	ASSAY	TB21243889	645.00	646.00	1.00	0.951	0.158	0.093	0.038	0.055	0.005
Mod chl alt. Weak actinolite alt. Weak Na-alt.			HH21-106958	ASSAY	TB21243889	646.00	647.00	1.00	0.551	0.116	0.051	0.018	0.042	0.004
			HH21-106959	ASSAY	TB21243889	647.00	648.00	1.00	1.320	0.131	0.142	0.053	0.075	0.005
			HH21-106960	ASSAY	TB21243889	648.00	649.00	1.00	1.620	0.128	0.146	0.115	0.084	0.006
			HH21-106961	ASSAY	TB21243889	649.00	649.76	0.76	0.125	0.028	0.019	0.012	0.034	0.005
			HH21-106962	ASSAY	TB21243889	649.76	650.54	0.78	0.233	0.033	0.056	0.027	0.040	0.005
650.54	651.67	DIKE-Intermediate	HH21-106963	ASSAY	TB21243889	650.54	651.67	1.13	0.022	0.003	0.003	0.007	0.005	0.002
Intermediate dyke - Grey-brown-beige-black-white-green in colour with a weak to moderate degree of pervasive K-ep alteration.														
Vfg-fg disseminated pyrite occurs in an abundance of 0.5%.														
Upper and lower contacts are sharp with GABVT.														
651.67	653.76	GAB-Vt	HH21-106964	ASSAY	TB21243889	651.67	652.80	1.13	1.070	0.079	0.031	0.060	0.068	0.005
GABVT - Medium-grained with lesser coarse-grained material, green-grey-black-white(-pink in colour with a weak to moderate degree of pervasive chl-act-ep(-K) alteration.			HH21-106966	ASSAY	TB21243889	652.80	653.76	0.96	0.640	0.057	0.012	0.022	0.051	0.005
Pyx:plg ratio is 55:45 to 65:35. Grain boundaries are generally sharp.														
Vfg-fg blebby py-ccp occurs in an abundance of 0.3%.														
Upper and lower contacts are sharp with intermediate dykes.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
653.76	655.23	DIKE-Intermediate	HH21-106968	ASSAY	TB21255410	653.76	654.50	0.74	0.003	0.003	0.001	0.004	0.003	0.002
Intermediate dyke - Grey-brown-beige-black-white-green in colour with a weak to moderate degree of pervasive K-ep alteration.			HH21-106969	ASSAY	TB21255410	654.50	655.23	0.73	0.001	0.003	0.001	0.003	0.003	0.002
Vfg-fg disseminated pyrite occurs in an abundance of 0.5%.														
Upper and lower contacts are sharp with GABVT.														
655.23	660.89	GAB-Vt	HH21-106970	ASSAY	TB21255410	655.23	656.00	0.77	4.260	0.432	0.291	0.141	0.198	0.009
GABVT - Medium-grained with lesser coarse-grained material, green-grey-black-white(-pink in colour with a weak to moderate degree of pervasive chl-act-ep(-K) alteration.			HH21-106971	ASSAY	TB21255410	656.00	657.00	1.00	0.407	0.056	0.010	0.008	0.030	0.004
			HH21-106972	ASSAY	TB21255410	657.00	658.00	1.00	0.070	0.012	0.009	0.012	0.021	0.003
Pyx:plg ratio is 55:45 to 65:35. Grain boundaries are generally sharp.			HH21-106973	ASSAY	TB21255410	658.00	659.00	1.00	0.032	0.006	0.004	0.006	0.021	0.003
			HH21-106974	ASSAY	TB21255410	659.00	660.00	1.00	1.060	0.166	0.039	0.069	0.063	0.005
Vfg-fg blebby py-ccp occurs in an abundance of 0.3%.			HH21-106975	ASSAY	TB21255410	660.00	660.89	0.89	0.048	0.013	0.007	0.007	0.018	0.003
Upper and lower contacts are sharp with intermediate dykes.														
660.89	663.00	DIKE-Intermediate	HH21-106976	ASSAY	TB21255410	660.89	662.00	1.11	0.092	0.003	0.001	0.005	0.005	0.002
Intermediate dyke - Grey-brown-beige-black-white-green in colour with a weak to moderate degree of pervasive K-ep alteration.			HH21-106977	ASSAY	TB21255410	662.00	663.00	1.00	0.035	0.003	0.003	0.006	0.005	0.002
Vfg-fg disseminated pyrite occurs in an abundance of 0.5%.														
Upper and lower contacts are sharp with GABVT.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
663.00	666.00	GAB-Vt	HH21-106978	ASSAY	TB21255410	663.00	664.00	1.00	0.464	0.050	0.025	0.013	0.034	0.004
GABVT - Medium-grained with lesser coarse-grained material, green-grey-black-white-purple(-pink) in colour with a dominantly moderate degree of pervasive chl-act-ep(-K) alteration.			HH21-106979	ASSAY	TB21255410	664.00	665.00	1.00	0.099	0.015	0.021	0.014	0.025	0.004
			HH21-106980	ASSAY	TB21255410	665.00	666.00	1.00	0.257	0.024	0.017	0.016	0.034	0.004
			Pyx:plg ratio is 60:40 65:35. Grain boundaries are generally sharp.											
Vfg-fg blebby py occurs in an abundance of 0.1%.														
Upper and lower contacts are sharp with intermediate dykes.														
666.00	672.31	TON	HH21-106981	ASSAY	TB21255410	666.00	667.00	1.00	0.021	0.003	0.001	0.003	0.002	0.001
TON - Medium-grained, grey-black-white-pink-blue in colour with a strong foliation of the centimeter and meter scale. Interval exhibits a variable weak to strong degree of pervasive and fracture-localized K-ep alteration.			HH21-106983	ASSAY	TB21255410	667.00	668.00	1.00	0.148	0.006	0.012	0.005	0.005	0.001
			HH21-106984	ASSAY	TB21255410	668.00	669.00	1.00	0.132	0.010	0.005	0.005	0.003	0.001
			HH21-106985	ASSAY	TB21255410	669.00	670.00	1.00	0.079	0.007	0.005	0.002	0.001	0.001
			HH21-106986	ASSAY	TB21255410	670.00	671.15	1.15	0.026	0.003	0.002	0.003	0.001	0.001
			HH21-106987	ASSAY	TB21255410	671.15	672.31	1.16	0.018	0.003	0.002	0.005	0.001	0.001
Vfg-mg vein-hosted and disseminated pyrite in an abundance of 0.1-1%.														
Upper contact is sharp with GABVT. Lower contact is abrupt with augen-textured diorite.														
672.31	693.97	DIOR	HH21-106988	ASSAY	TB21255410	672.31	673.15	0.84	0.001	0.003	0.001	0.007	0.001	0.001
Augen-textured diorite - Medium-grained, strongly foliated, white-grey-black-blue with a weak to moderate degree of K-ep alteration.			HH21-106989	ASSAY	TB21255410	673.15	674.00	0.85	0.001	0.003	0.001	0.002	0.001	0.001
			HH21-106990	ASSAY	TB21255410	674.00	674.80	0.80	0.001	0.003	0.001	0.007	0.001	0.001
			HH21-106991	ASSAY	TB21255410	674.80	675.61	0.81	0.001	0.003	0.001	0.009	0.001	0.002
			Few melanosomes and segments of tonalite are present throughout the interval.											
Vein-hosted and disseminated pyrite occurs in an abundance of 0.5%.														
Upper and lower contacts are abrupt and gradational with tonalite.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
693.97	828.00	TON	HH21-107029	ASSAY	TB21255411	823.17	824.00	0.83	0.001	0.003	0.001	0.004	0.001	0.001
TON - Medium-grained, grey-black-white-pink-blue in colour with a strong foliation as well as leucosomes and melanosomes of the centimeter and meter scale. Interval exhibits a variable weak to strong degree of pervasive and fracture-localized K-ep alteration. Vfg-mg vein-hosted and disseminated pyrite in an abundance of 0.1-1%. Long fracture subparallel to core axis between 780 & 781m. Upper contact is abrupt with augen-textured diorite. Lower contact is abrupt with Camp Lake Fault.			HH21-107030	ASSAY	TB21255411	824.00	825.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
			HH21-107031	ASSAY	TB21255411	825.00	826.00	1.00	0.001	0.003	0.001	0.007	0.000	0.001
			HH21-107032	ASSAY	TB21255411	826.00	827.00	1.00	0.001	0.003	0.002	0.003	0.001	0.001
			HH21-107033	ASSAY	TB21255411	827.00	828.00	1.00	0.015	0.003	0.015	0.004	0.005	0.003
			828.00	830.76	FAULT-CL	HH21-107034	ASSAY	TB21255411	828.00	829.00	1.00	0.370	0.051	0.014
CAMP LAKE FAULT Incredibly blocky and gouged. Difficult to determine any lithology in the fault. Weak-moderate hematite alteration. No visible sulphide. Sharp lower contact ~25dtca			HH21-107035	ASSAY	TB21255411	829.00	830.00	1.00	0.440	0.046	0.017	0.004	0.037	0.004
			HH21-107036	ASSAY	TB21255411	830.00	830.76	0.76	1.080	0.130	0.059	0.061	0.071	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
830.76	908.56	NOR	HH21-107037	ASSAY	TB21255411	830.76	832.00	1.24	1.120	0.148	0.161	0.052	0.093	0.010
		<p>NORITE - Moderate green and purple. Dominantly medium-grained and equigranular except for a small phase consisting of medium-grained and coarse-grained/leuco intervals ~882-883.45m depth. Alteration ranges weak-strong chl-act pervasive. Mineralization is dominantly trace however, intervals of elevated (0.5-2%) po-cpy+/-py mineralization do occur. Mineralization is dominantly fine-grained and disseminated with lesser blebby habit only observed in intervals of elevated mineralization. Massive. Occasional/trace felsic fragment and one mafic dike. Somewhat arbitrary lower contact where Mg values significantly increase and where a couple small, patchy leucocratic phases of melt occur and end.</p>	HH21-107038	ASSAY	TB21255411	832.00	833.00	1.00	2.730	0.353	0.345	0.092	0.120	0.011
			HH21-107040	ASSAY	TB21255411	833.00	834.00	1.00	2.870	0.388	0.340	0.103	0.126	0.010
			HH21-107041	ASSAY	TB21255411	834.00	835.00	1.00	1.960	0.246	0.167	0.050	0.077	0.007
			HH21-107042	ASSAY	TB21255411	835.00	836.00	1.00	1.140	0.197	0.145	0.043	0.078	0.008
			HH21-107043	ASSAY	TB21255411	836.00	837.00	1.00	2.630	0.326	0.305	0.081	0.114	0.009
			HH21-107044	ASSAY	TB21255411	837.00	838.00	1.00	2.660	0.319	0.313	0.094	0.122	0.008
			HH21-107045	ASSAY	TB21255411	838.00	839.00	1.00	2.140	0.264	0.216	0.074	0.090	0.007
			HH21-107046	ASSAY	TB21255411	839.00	840.00	1.00	0.717	0.094	0.063	0.023	0.069	0.008
			HH21-107047	ASSAY	TB21255411	840.00	841.00	1.00	1.220	0.215	0.176	0.035	0.065	0.007
			HH21-107048	ASSAY	TB21255411	841.00	842.00	1.00	0.574	0.132	0.080	0.016	0.054	0.007
			HH21-107049	ASSAY	TB21255411	842.00	843.00	1.00	1.090	0.175	0.147	0.048	0.078	0.007
			HH21-107050	ASSAY	TB21255411	843.00	844.00	1.00	1.760	0.248	0.268	0.104	0.126	0.009
			HH21-107051	ASSAY	TB21255411	844.00	845.00	1.00	1.160	0.182	0.169	0.063	0.098	0.009
			HH21-107052	ASSAY	TB21255411	845.00	846.00	1.00	1.180	0.190	0.197	0.058	0.085	0.008
			HH21-107053	ASSAY	TB21255411	846.00	847.00	1.00	0.212	0.057	0.036	0.010	0.041	0.005
			HH21-107054	ASSAY	TB21255411	847.00	848.00	1.00	0.723	0.143	0.144	0.032	0.068	0.008
			HH21-107056	ASSAY	TB21255411	848.00	849.00	1.00	1.040	0.235	0.319	0.054	0.079	0.008
			HH21-107057	ASSAY	TB21255411	849.00	850.00	1.00	2.140	0.347	0.386	0.104	0.122	0.009
			HH21-107058	ASSAY	TB21255411	850.00	851.00	1.00	1.460	0.246	0.302	0.081	0.105	0.009
			HH21-107059	ASSAY	TB21255411	851.00	852.00	1.00	1.200	0.215	0.289	0.070	0.094	0.008
		HH21-107060	ASSAY	TB21255411	852.00	853.00	1.00	0.276	0.076	0.059	0.015	0.050	0.007	
		HH21-107061	ASSAY	TB21255411	853.00	854.00	1.00	0.216	0.046	0.052	0.018	0.059	0.008	
		HH21-107062	ASSAY	TB21255411	854.00	855.00	1.00	0.253	0.060	0.064	0.020	0.061	0.008	
		HH21-107063	ASSAY	TB21255411	855.00	856.00	1.00	0.187	0.045	0.041	0.016	0.057	0.007	
		HH21-107064	ASSAY	TB21255411	856.00	857.00	1.00	0.331	0.061	0.057	0.021	0.060	0.007	
		HH21-107065	ASSAY	TB21255411	857.00	858.00	1.00	0.606	0.092	0.075	0.027	0.067	0.007	
		HH21-107066	ASSAY	TB21255411	858.00	859.00	1.00	0.698	0.109	0.082	0.032	0.073	0.008	
		HH21-107067	ASSAY	TB21255411	859.00	860.00	1.00	0.423	0.077	0.060	0.021	0.068	0.007	
		HH21-107068	ASSAY	TB21255411	860.00	861.00	1.00	0.201	0.044	0.024	0.012	0.060	0.008	
		HH21-107069	ASSAY	TB21255411	861.00	862.00	1.00	0.322	0.058	0.042	0.019	0.064	0.008	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107070	ASSAY	TB21255411	862.00	863.00	1.00	0.201	0.049	0.037	0.019	0.064	0.008
			HH21-107072	ASSAY	TB21255411	863.00	864.00	1.00	0.155	0.033	0.026	0.013	0.061	0.008
			HH21-107073	ASSAY	TB21255411	864.00	865.00	1.00	0.248	0.049	0.048	0.019	0.060	0.007
			HH21-107074	ASSAY	TB21255411	865.00	866.00	1.00	0.224	0.047	0.034	0.014	0.052	0.006
			HH21-107075	ASSAY	TB21255411	866.00	867.00	1.00	0.239	0.050	0.037	0.012	0.057	0.007
			HH21-107076	ASSAY	TB21255411	867.00	868.00	1.00	0.244	0.046	0.041	0.017	0.055	0.007
			HH21-107077	ASSAY	TB21255411	868.00	869.00	1.00	0.263	0.048	0.031	0.016	0.057	0.007
			HH21-107078	ASSAY	TB21255411	869.00	870.00	1.00	0.148	0.037	0.026	0.013	0.056	0.007
			HH21-107079	ASSAY	TB21255411	870.00	871.00	1.00	0.388	0.068	0.064	0.027	0.071	0.007
			HH21-107080	ASSAY	TB21255411	871.00	872.00	1.00	1.420	0.197	0.150	0.052	0.095	0.007
			HH21-107081	ASSAY	TB21255411	872.00	873.00	1.00	3.100	0.397	0.382	0.108	0.139	0.008
			HH21-107082	ASSAY	TB21255411	873.00	874.00	1.00	0.427	0.072	0.047	0.015	0.059	0.007
			HH21-107083	ASSAY	TB21255411	874.00	875.00	1.00	0.724	0.159	0.077	0.022	0.062	0.007
			HH21-107084	ASSAY	TB21255411	875.00	876.00	1.00	0.101	0.029	0.022	0.010	0.051	0.007
			HH21-107085	ASSAY	TB21255411	876.00	877.00	1.00	0.188	0.033	0.020	0.004	0.053	0.007
			HH21-107086	ASSAY	TB21255411	877.00	878.00	1.00	0.691	0.108	0.098	0.034	0.076	0.007
			HH21-107087	ASSAY	TB21255411	878.00	879.00	1.00	0.917	0.128	0.088	0.032	0.078	0.007
			HH21-107089	ASSAY	TB21255411	879.00	880.00	1.00	1.240	0.172	0.057	0.022	0.078	0.008
			HH21-107090	ASSAY	TB21255411	880.00	881.00	1.00	0.191	0.043	0.010	0.005	0.053	0.007
			HH21-107091	ASSAY	TB21255411	881.00	882.00	1.00	0.142	0.026	0.014	0.005	0.052	0.007
			HH21-107092	ASSAY	TB21255411	882.00	883.00	1.00	3.640	0.221	0.113	0.027	0.059	0.005
			HH21-107093	ASSAY	TB21255411	883.00	884.00	1.00	5.030	0.471	0.317	0.071	0.110	0.008
			HH21-107094	ASSAY	TB21255411	884.00	885.00	1.00	3.750	0.512	0.505	0.112	0.160	0.010
			HH21-107095	ASSAY	TB21255411	885.00	886.00	1.00	1.570	0.202	0.190	0.045	0.082	0.007
			HH21-107096	ASSAY	TB21255411	886.00	887.00	1.00	3.640	0.541	0.418	0.116	0.156	0.010
			HH21-107097	ASSAY	TB21255411	887.00	888.00	1.00	2.490	0.269	0.309	0.082	0.109	0.008
			HH21-107098	ASSAY	TB21255411	888.00	889.00	1.00	3.580	0.385	0.372	0.093	0.131	0.008
			HH21-107099	ASSAY	TB21255411	889.00	890.00	1.00	3.410	0.424	0.507	0.132	0.148	0.009
			HH21-107100	ASSAY	TB21255411	890.00	891.00	1.00	1.380	0.190	0.285	0.042	0.080	0.007
			HH21-107101	ASSAY	TB21255411	891.00	892.00	1.00	3.050	0.384	0.418	0.091	0.131	0.009
			HH21-107102	ASSAY	TB21255411	892.00	893.00	1.00	2.650	0.331	0.285	0.074	0.116	0.008
			HH21-107104	ASSAY	TB21255411	893.00	894.00	1.00	0.656	0.086	0.071	0.024	0.063	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107105	ASSAY	TB21255411	894.00	895.00	1.00	0.541	0.093	0.058	0.015	0.047	0.005
			HH21-107107	ASSAY	TB21255412	895.00	896.00	1.00	0.290	0.034	0.026	0.011	0.049	0.007
			HH21-107108	ASSAY	TB21255412	896.00	897.00	1.00	0.110	0.019	0.009	0.006	0.049	0.007
			HH21-107109	ASSAY	TB21255412	897.00	898.00	1.00	0.332	0.082	0.031	0.011	0.056	0.007
			HH21-107110	ASSAY	TB21255412	898.00	899.00	1.00	1.200	0.155	0.122	0.033	0.075	0.006
			HH21-107111	ASSAY	TB21255412	899.00	900.00	1.00	3.430	0.407	0.375	0.111	0.123	0.007
			HH21-107112	ASSAY	TB21255412	900.00	901.00	1.00	1.100	0.136	0.099	0.032	0.061	0.006
			HH21-107113	ASSAY	TB21255412	901.00	902.00	1.00	3.230	0.380	0.325	0.100	0.122	0.007
			HH21-107114	ASSAY	TB21255412	902.00	903.00	1.00	2.230	0.264	0.257	0.074	0.096	0.006
			HH21-107115	ASSAY	TB21255412	903.00	904.00	1.00	3.490	0.447	0.478	0.113	0.119	0.006
			HH21-107116	ASSAY	TB21255412	904.00	905.00	1.00	0.594	0.066	0.142	0.049	0.030	0.004
			HH21-107117	ASSAY	TB21255412	905.00	906.00	1.00	3.080	0.395	0.433	0.116	0.122	0.008
			HH21-107118	ASSAY	TB21255412	906.00	907.00	1.00	3.840	0.472	0.391	0.098	0.137	0.008
			HH21-107120	ASSAY	TB21255412	907.00	907.78	0.78	2.060	0.295	0.217	0.057	0.098	0.008
			HH21-107121	ASSAY	TB21255412	907.78	908.56	0.78	1.620	0.214	0.119	0.036	0.076	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
908.56	938.65	MNOR	HH21-107122	ASSAY	TB21255412	908.56	909.28	0.72	0.265	0.047	0.012	0.005	0.062	0.008
		MELANONORITE - Moderate to dark green. Dominantly medium-grained with trace coarse-grained phases ~913-914m depth and ~934-935m depth. Strong-extreme pervasive chl-act alt overprinting most textures. Dominantly trace fg/diss py-po-cpy mineralization with small intervals of ~0.5-1% mineralization containing fg and bl mineralization. Massive/overprinted from alt. Occasional feslic veining/dikes. Lower contact chosen where start of strain/shear zone occurs and where Mg value decreases.	HH21-107123	ASSAY	TB21255412	909.28	910.00	0.72	3.160	0.375	0.249	0.119	0.141	0.009
			HH21-107124	ASSAY	TB21255412	910.00	911.00	1.00	1.960	0.251	0.137	0.028	0.085	0.008
			HH21-107125	ASSAY	TB21255412	911.00	912.00	1.00	4.590	0.689	0.241	0.053	0.113	0.009
			HH21-107126	ASSAY	TB21255412	912.00	913.00	1.00	3.580	0.509	0.274	0.046	0.104	0.009
			HH21-107127	ASSAY	TB21255412	913.00	914.00	1.00	3.570	0.493	0.291	0.089	0.099	0.008
			HH21-107128	ASSAY	TB21255412	914.00	915.00	1.00	1.340	0.176	0.136	0.045	0.089	0.008
			HH21-107129	ASSAY	TB21255412	915.00	916.00	1.00	1.280	0.191	0.143	0.046	0.080	0.009
			HH21-107130	ASSAY	TB21255412	916.00	917.00	1.00	4.600	0.578	0.454	0.140	0.166	0.010
			HH21-107131	ASSAY	TB21255412	917.00	918.00	1.00	6.010	0.829	0.618	0.161	0.194	0.011
			HH21-107133	ASSAY	TB21255412	918.00	919.00	1.00	1.860	0.239	0.195	0.056	0.101	0.009
			HH21-107134	ASSAY	TB21255412	919.00	920.00	1.00	0.277	0.038	0.044	0.015	0.061	0.008
			HH21-107135	ASSAY	TB21255412	920.00	921.00	1.00	0.368	0.037	0.040	0.017	0.053	0.008
			HH21-107136	ASSAY	TB21255412	921.00	922.00	1.00	0.783	0.119	0.106	0.026	0.077	0.009
			HH21-107137	ASSAY	TB21255412	922.00	923.00	1.00	3.070	0.310	0.266	0.061	0.116	0.009
			HH21-107138	ASSAY	TB21255412	923.00	924.00	1.00	1.260	0.163	0.170	0.039	0.090	0.009
			HH21-107139	ASSAY	TB21255412	924.00	925.00	1.00	0.454	0.055	0.042	0.016	0.067	0.008
			HH21-107140	ASSAY	TB21255412	925.00	926.00	1.00	1.280	0.172	0.159	0.041	0.077	0.008
			HH21-107141	ASSAY	TB21255412	926.00	927.00	1.00	0.620	0.109	0.078	0.028	0.076	0.007
			HH21-107142	ASSAY	TB21255412	927.00	928.00	1.00	3.840	0.534	0.306	0.126	0.147	0.007
			HH21-107143	ASSAY	TB21255412	928.00	929.00	1.00	4.640	0.568	0.549	0.150	0.184	0.010
		HH21-107144	ASSAY	TB21255412	929.00	930.00	1.00	2.480	0.301	0.186	0.067	0.130	0.009	
		HH21-107145	ASSAY	TB21255412	930.00	931.00	1.00	1.660	0.219	0.090	0.055	0.105	0.009	
		HH21-107146	ASSAY	TB21255412	931.00	932.00	1.00	1.100	0.113	0.043	0.034	0.091	0.009	
		HH21-107147	ASSAY	TB21255412	932.00	933.00	1.00	1.100	0.120	0.060	0.041	0.079	0.008	
		HH21-107148	ASSAY	TB21255412	933.00	934.00	1.00	0.267	0.027	0.048	0.021	0.063	0.008	
		HH21-107149	ASSAY	TB21255412	934.00	935.00	1.00	3.550	0.422	0.380	0.120	0.127	0.008	
		HH21-107150	ASSAY	TB21255412	935.00	936.00	1.00	2.930	0.359	0.358	0.105	0.122	0.009	
		HH21-107151	ASSAY	TB21255412	936.00	937.00	1.00	0.256	0.030	0.046	0.019	0.062	0.008	
		HH21-107153	ASSAY	TB21255412	937.00	938.00	1.00	1.990	0.354	0.279	0.073	0.092	0.008	
		HH21-107154	ASSAY	TB21255412	938.00	938.65	0.65	0.883	0.112	0.090	0.043	0.061	0.006	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
938.65	942.93	GAB-Vt	HH21-107155	ASSAY	TB21255412	938.65	940.00	1.35	0.177	0.025	0.016	0.016	0.018	0.003
		VARITEXTURED GABBRO / LEUCOGABBRO Green and white. Possibly loggable as leucocratic ~940.10+ depth although plag is slightly less than 80%. Strong shearing/strain upper contact to 940.10m depth ~30dtca. Composed of gabbroic, intermediate, and mafic dike material. Possible healed fault. Moderate chl-act alt and Na alt. No visible sulphide. Lower contact where plag significantly decreases and a weak contact ~15dtca	HH21-107156	ASSAY	TB21255412	940.00	941.00	1.00	0.202	0.031	0.012	0.004	0.022	0.003
			HH21-107157	ASSAY	TB21255412	941.00	942.00	1.00	0.170	0.027	0.008	0.003	0.024	0.003
			HH21-107158	ASSAY	TB21255412	942.00	942.93	0.93	0.161	0.038	0.010	0.004	0.024	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
942.93	1,012.50	NOR	HH21-107159	ASSAY	TB21255412	942.93	944.00	1.07	0.766	0.118	0.043	0.017	0.064	0.008
NORITE - Moderate green and purple. Medium-grained and equigranular. Alteration ranges weak-strong chl-act pervasive reflected by purple/green colour. Mineralization is nil to trace fg/diss po-cpy+/-py mineralization. Massive. Occasional felsic fragments and dikes, one mafic dike and one intermediate dike. Somewhat arbitrary lower contact where Mg values increase in addition to alteration.			HH21-107160	ASSAY	TB21255412	944.00	945.00	1.00	0.665	0.096	0.023	0.009	0.058	0.008
			HH21-107161	ASSAY	TB21255412	945.00	946.00	1.00	0.612	0.086	0.011	0.004	0.050	0.007
			HH21-107162	ASSAY	TB21255412	946.00	947.00	1.00	0.249	0.047	0.008	0.003	0.047	0.007
			HH21-107164	ASSAY	TB21255412	947.00	948.00	1.00	0.695	0.100	0.023	0.011	0.054	0.007
			HH21-107165	ASSAY	TB21255412	948.00	949.00	1.00	0.408	0.062	0.023	0.013	0.035	0.005
			HH21-107166	ASSAY	TB21255412	949.00	950.00	1.00	0.524	0.079	0.014	0.005	0.054	0.007
			HH21-107167	ASSAY	TB21255412	950.00	951.00	1.00	2.440	0.281	0.101	0.042	0.074	0.008
			HH21-107168	ASSAY	TB21255412	951.00	952.00	1.00	2.130	0.288	0.036	0.024	0.075	0.008
			HH21-107169	ASSAY	TB21255412	952.00	953.00	1.00	0.095	0.025	0.009	0.010	0.030	0.007
			HH21-107170	ASSAY	TB21255412	953.00	954.00	1.00	0.098	0.023	0.005	0.011	0.035	0.006
			HH21-107171	ASSAY	TB21255412	954.00	955.00	1.00	0.118	0.029	0.004	0.005	0.050	0.008
			HH21-107172	ASSAY	TB21255412	955.00	956.00	1.00	0.194	0.040	0.003	0.003	0.051	0.008
			HH21-107173	ASSAY	TB21255412	956.00	957.00	1.00	0.218	0.046	0.007	0.005	0.050	0.008
			HH21-107174	ASSAY	TB21255412	957.00	958.00	1.00	0.844	0.061	0.020	0.014	0.054	0.008
			HH21-107175	ASSAY	TB21255412	958.00	959.00	1.00	0.150	0.038	0.008	0.006	0.048	0.007
			HH21-107176	ASSAY	TB21255412	959.00	960.00	1.00	0.141	0.034	0.009	0.006	0.052	0.007
			HH21-107177	ASSAY	TB21255412	960.00	961.00	1.00	0.318	0.067	0.008	0.005	0.051	0.008
			HH21-107179	ASSAY	TB21255412	961.00	962.00	1.00	0.172	0.030	0.007	0.006	0.052	0.008
			HH21-107180	ASSAY	TB21255412	962.00	963.00	1.00	0.204	0.051	0.005	0.005	0.051	0.008
			HH21-107181	ASSAY	TB21255412	963.00	964.00	1.00	0.142	0.033	0.004	0.006	0.050	0.008
HH21-107182	ASSAY	TB21255412	964.00	965.00	1.00	0.091	0.025	0.003	0.005	0.050	0.008			
HH21-107183	ASSAY	TB21255412	965.00	966.00	1.00	0.255	0.055	0.005	0.004	0.052	0.008			
HH21-107185	ASSAY	TB21257124	966.00	967.00	1.00	0.135	0.030	0.005	0.005	0.051	0.008			
HH21-107186	ASSAY	TB21257124	967.00	968.00	1.00	0.134	0.031	0.005	0.006	0.053	0.008			
HH21-107187	ASSAY	TB21257124	968.00	969.00	1.00	0.170	0.039	0.010	0.006	0.054	0.008			
HH21-107188	ASSAY	TB21257124	969.00	970.00	1.00	0.207	0.050	0.004	0.007	0.054	0.008			
HH21-107189	ASSAY	TB21257124	970.00	971.00	1.00	0.154	0.041	0.004	0.006	0.054	0.008			
HH21-107190	ASSAY	TB21257124	971.00	972.00	1.00	0.215	0.040	0.004	0.004	0.053	0.008			
HH21-107191	ASSAY	TB21257124	972.00	973.00	1.00	0.156	0.036	0.003	0.006	0.054	0.008			
HH21-107192	ASSAY	TB21257124	973.00	974.00	1.00	0.140	0.032	0.005	0.006	0.052	0.008			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107193	ASSAY	TB21257124	974.00	975.00	1.00	0.078	0.019	0.005	0.005	0.047	0.008
			HH21-107194	ASSAY	TB21257124	975.00	976.00	1.00	0.102	0.024	0.005	0.004	0.049	0.008
			HH21-107195	ASSAY	TB21257124	976.00	977.00	1.00	0.098	0.020	0.006	0.005	0.048	0.008
			HH21-107196	ASSAY	TB21257124	977.00	978.00	1.00	0.120	0.032	0.008	0.006	0.051	0.008
			HH21-107197	ASSAY	TB21257124	978.00	979.00	1.00	0.679	0.065	0.026	0.024	0.058	0.008
			HH21-107198	ASSAY	TB21257124	979.00	980.00	1.00	0.130	0.027	0.007	0.006	0.050	0.008
			HH21-107199	ASSAY	TB21257124	980.00	981.00	1.00	0.158	0.040	0.006	0.007	0.054	0.008
			HH21-107200	ASSAY	TB21257124	981.00	982.00	1.00	0.143	0.033	0.005	0.006	0.051	0.008
			HH21-107201	ASSAY	TB21257124	982.00	983.00	1.00	0.113	0.021	0.009	0.006	0.052	0.008
			HH21-107202	ASSAY	TB21257124	983.00	984.00	1.00	0.094	0.026	0.003	0.005	0.051	0.008
			HH21-107203	ASSAY	TB21257124	984.00	985.00	1.00	0.137	0.030	0.002	0.005	0.053	0.008
			HH21-107205	ASSAY	TB21257124	985.00	986.00	1.00	0.164	0.036	0.001	0.001	0.051	0.008
			HH21-107206	ASSAY	TB21257124	986.00	987.00	1.00	1.040	0.137	0.067	0.019	0.055	0.007
			HH21-107207	ASSAY	TB21257124	987.00	988.00	1.00	1.030	0.146	0.108	0.027	0.070	0.009
			HH21-107208	ASSAY	TB21257124	988.00	989.00	1.00	0.115	0.033	0.009	0.006	0.042	0.007
			HH21-107209	ASSAY	TB21257124	989.00	990.00	1.00	0.142	0.037	0.014	0.008	0.045	0.007
			HH21-107210	ASSAY	TB21257124	990.00	991.00	1.00	0.650	0.095	0.059	0.018	0.061	0.009
			HH21-107211	ASSAY	TB21257124	991.00	992.00	1.00	0.713	0.103	0.064	0.018	0.063	0.009
			HH21-107212	ASSAY	TB21257124	992.00	993.00	1.00	0.963	0.121	0.078	0.023	0.068	0.009
			HH21-107213	ASSAY	TB21257124	993.00	994.00	1.00	0.102	0.019	0.005	0.003	0.020	0.003
			HH21-107214	ASSAY	TB21257124	994.00	995.00	1.00	0.273	0.056	0.024	0.010	0.053	0.008
			HH21-107215	ASSAY	TB21257124	995.00	996.00	1.00	0.427	0.074	0.035	0.014	0.056	0.008
			HH21-107216	ASSAY	TB21257124	996.00	997.00	1.00	0.356	0.059	0.032	0.014	0.056	0.008
			HH21-107218	ASSAY	TB21257124	997.00	998.00	1.00	1.120	0.152	0.094	0.026	0.070	0.008
			HH21-107219	ASSAY	TB21257124	998.00	999.00	1.00	0.960	0.153	0.083	0.023	0.069	0.009
			HH21-107220	ASSAY	TB21257124	999.00	1000.00	1.00	0.748	0.112	0.067	0.020	0.065	0.008
			HH21-107221	ASSAY	TB21257124	1000.00	1001.00	1.00	0.712	0.106	0.073	0.020	0.065	0.008
			HH21-107222	ASSAY	TB21257124	1001.00	1002.00	1.00	1.610	0.211	0.182	0.036	0.079	0.008
			HH21-107223	ASSAY	TB21257124	1002.00	1003.00	1.00	0.900	0.128	0.077	0.033	0.048	0.006
			HH21-107224	ASSAY	TB21257124	1003.00	1004.00	1.00	1.400	0.179	0.130	0.034	0.073	0.008
			HH21-107225	ASSAY	TB21257124	1004.00	1005.00	1.00	0.392	0.058	0.035	0.016	0.035	0.005
			HH21-107227	ASSAY	TB21257124	1005.00	1006.00	1.00	0.604	0.093	0.009	0.005	0.046	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107228	ASSAY	TB21257124	1006.00	1007.00	1.00	0.870	0.119	0.054	0.019	0.063	0.007
			HH21-107229	ASSAY	TB21257124	1007.00	1008.00	1.00	0.853	0.122	0.095	0.025	0.064	0.008
			HH21-107230	ASSAY	TB21257124	1008.00	1009.00	1.00	1.240	0.149	0.107	0.030	0.070	0.008
			HH21-107231	ASSAY	TB21257124	1009.00	1010.00	1.00	0.554	0.094	0.057	0.018	0.061	0.008
			HH21-107232	ASSAY	TB21257124	1010.00	1011.00	1.00	1.020	0.133	0.105	0.029	0.069	0.008
			HH21-107233	ASSAY	TB21257124	1011.00	1012.00	1.00	0.768	0.099	0.090	0.020	0.059	0.008
			HH21-107234	ASSAY	TB21257124	1012.00	1012.50	0.50	0.455	0.076	0.049	0.015	0.058	0.008
1,012.50	1,025.00	MNOR												
		MELANONORITE - Moderate to dark green. Medium-grained and equigranular. Strong-extreme pervasive chl-act alt overprinting most textures. Nil to trace fg/diss py+/-po+/-cpy mineralization. Massive/overprinted from alt except ~1023.50-1024m depth where weak strain/foliation occurs ~60-70dtca. Trace felsic veining. Lower contact where Mg decreases as a result of more observable plag.	HH21-107235	ASSAY	TB21257124	1012.50	1013.00	0.50	0.674	0.100	0.060	0.016	0.061	0.008
			HH21-107236	ASSAY	TB21257124	1013.00	1014.00	1.00	1.360	0.159	0.102	0.031	0.070	0.008
			HH21-107238	ASSAY	TB21257124	1014.00	1015.00	1.00	0.637	0.092	0.048	0.015	0.060	0.008
			HH21-107239	ASSAY	TB21257124	1015.00	1016.00	1.00	0.902	0.118	0.068	0.019	0.064	0.008
			HH21-107240	ASSAY	TB21257124	1016.00	1017.00	1.00	0.673	0.085	0.053	0.016	0.062	0.008
			HH21-107241	ASSAY	TB21257124	1017.00	1018.00	1.00	1.180	0.153	0.109	0.030	0.069	0.008
			HH21-107242	ASSAY	TB21257124	1018.00	1019.00	1.00	1.020	0.124	0.084	0.022	0.068	0.008
			HH21-107243	ASSAY	TB21257124	1019.00	1020.00	1.00	1.290	0.187	0.129	0.031	0.075	0.009
			HH21-107244	ASSAY	TB21257124	1020.00	1021.00	1.00	2.260	0.262	0.276	0.067	0.092	0.008
			HH21-107245	ASSAY	TB21257124	1021.00	1022.00	1.00	0.429	0.068	0.054	0.023	0.054	0.008
			HH21-107246	ASSAY	TB21257124	1022.00	1023.00	1.00	1.840	0.230	0.140	0.047	0.085	0.009
			HH21-107247	ASSAY	TB21257124	1023.00	1024.00	1.00	0.139	0.022	0.034	0.052	0.029	0.005
		HH21-107248	ASSAY	TB21257124	1024.00	1025.00	1.00	3.690	0.459	0.225	0.078	0.125	0.009	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,025.00	1,055.77	GAB-Vt	HH21-107249	ASSAY	TB21257124	1025.00	1026.00	1.00	1.550	0.191	0.070	0.017	0.067	0.006
		VARITEXTURED GABBRO - mixed with some NOR Green and white. Dominantly medium-grained with lesser coarse-grained varitexture. Most varying texture occurs upper contact to ~1040m depth where it then becomes more equigranular and a few instances of NOR are present. Moderate-strong chl-act alt. Weak Na alt. Trace fg/diss py-po-cpy with local increases up to 0.5%. Trace felsic vein controlled/hosted mineralization ~1044-1045m depth. Patch of 20cm leucocratic phase or quartz diorite ~1053.50m depth with ~1-2% fg diss mineralization. Massive with occasional felsic veins and dikes. Arbitrary lower contact chosen where Mg value increases and where visible plag seems to decrease. Possibly marked by a leucocratic phase ~20cm wide.	HH21-107250	ASSAY	TB21257124	1026.00	1027.00	1.00	0.382	0.072	0.025	0.013	0.041	0.005
			HH21-107251	ASSAY	TB21257124	1027.00	1028.00	1.00	1.340	0.163	0.129	0.043	0.061	0.006
			HH21-107253	ASSAY	TB21257124	1028.00	1029.00	1.00	0.376	0.052	0.043	0.015	0.046	0.006
			HH21-107254	ASSAY	TB21257124	1029.00	1030.00	1.00	0.667	0.069	0.038	0.020	0.049	0.006
			HH21-107255	ASSAY	TB21257124	1030.00	1031.00	1.00	1.570	0.190	0.310	0.032	0.069	0.006
			HH21-107256	ASSAY	TB21257124	1031.00	1032.00	1.00	0.670	0.086	0.072	0.029	0.037	0.004
			HH21-107257	ASSAY	TB21257124	1032.00	1033.00	1.00	0.532	0.074	0.046	0.014	0.048	0.006
			HH21-107258	ASSAY	TB21257124	1033.00	1034.00	1.00	1.270	0.175	0.133	0.033	0.079	0.008
			HH21-107259	ASSAY	TB21257124	1034.00	1035.00	1.00	4.150	0.511	0.432	0.097	0.126	0.008
			HH21-107260	ASSAY	TB21257124	1035.00	1036.00	1.00	2.260	0.285	0.189	0.061	0.102	0.008
			HH21-107261	ASSAY	TB21257124	1036.00	1037.00	1.00	2.650	0.299	0.285	0.069	0.109	0.009
			HH21-107263	ASSAY	TB21257126	1037.00	1038.00	1.00	1.200	0.162	0.147	0.035	0.063	0.006
			HH21-107264	ASSAY	TB21257126	1038.00	1039.00	1.00	0.362	0.093	0.035	0.013	0.042	0.005
			HH21-107265	ASSAY	TB21257126	1039.00	1040.00	1.00	2.270	0.283	0.118	0.065	0.101	0.008
			HH21-107266	ASSAY	TB21257126	1040.00	1041.00	1.00	2.660	0.345	0.256	0.077	0.103	0.008
			HH21-107267	ASSAY	TB21257126	1041.00	1042.00	1.00	2.140	0.257	0.126	0.064	0.099	0.008
			HH21-107268	ASSAY	TB21257126	1042.00	1043.00	1.00	2.890	0.368	0.127	0.068	0.110	0.009
			HH21-107269	ASSAY	TB21257126	1043.00	1044.00	1.00	2.050	0.245	0.097	0.059	0.089	0.006
			HH21-107270	ASSAY	TB21257126	1044.00	1045.00	1.00	3.610	0.418	0.079	0.045	0.080	0.005
			HH21-107271	ASSAY	TB21257126	1045.00	1046.00	1.00	0.945	0.106	0.048	0.023	0.053	0.005
			HH21-107272	ASSAY	TB21257126	1046.00	1047.00	1.00	1.410	0.168	0.150	0.048	0.067	0.005
		HH21-107273	ASSAY	TB21257126	1047.00	1048.00	1.00	1.910	0.195	0.140	0.054	0.074	0.005	
		HH21-107274	ASSAY	TB21257126	1048.00	1049.00	1.00	0.402	0.044	0.038	0.015	0.047	0.004	
		HH21-107275	ASSAY	TB21257126	1049.00	1050.00	1.00	1.110	0.130	0.083	0.033	0.061	0.005	
		HH21-107276	ASSAY	TB21257126	1050.00	1051.00	1.00	0.942	0.101	0.106	0.037	0.062	0.006	
		HH21-107277	ASSAY	TB21257126	1051.00	1052.00	1.00	0.665	0.082	0.077	0.025	0.063	0.006	
		HH21-107278	ASSAY	TB21257126	1052.00	1053.00	1.00	0.546	0.067	0.081	0.031	0.060	0.006	
		HH21-107279	ASSAY	TB21257126	1053.00	1054.00	1.00	1.510	0.176	0.189	0.079	0.072	0.006	
		HH21-107280	ASSAY	TB21257126	1054.00	1055.00	1.00	0.900	0.110	0.105	0.036	0.066	0.005	
		HH21-107281	ASSAY	TB21257126	1055.00	1055.77	0.77	1.140	0.125	0.109	0.042	0.069	0.005	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,055.77	1,068.75	NOR	HH21-107282	ASSAY	TB21257126	1055.77	1057.00	1.23	1.380	0.145	0.164	0.078	0.102	0.007
		NORITE - same as above NOR	HH21-107284	ASSAY	TB21257126	1057.00	1058.00	1.00	1.990	0.235	0.227	0.089	0.112	0.007
		Moderate green and purple. Medium-grained and equigranular. Alteration ranges weak-strong chl-act pervasive reflected by purple/green colour.	HH21-107285	ASSAY	TB21257126	1058.00	1059.00	1.00	1.410	0.150	0.158	0.066	0.089	0.007
		Mineralization is nil to trace fg/diss po-cpy+/-py mineralization. Massive. Occasional felsic fragments and dikes.	HH21-107286	ASSAY	TB21257126	1059.00	1060.00	1.00	1.810	0.213	0.203	0.076	0.095	0.006
		Somewhat arbitrary lower contact where Mg values decrease as a result of increased plag.	HH21-107287	ASSAY	TB21257126	1060.00	1061.00	1.00	2.180	0.265	0.215	0.068	0.086	0.007
			HH21-107288	ASSAY	TB21257126	1061.00	1062.00	1.00	2.110	0.268	0.201	0.058	0.086	0.007
			HH21-107289	ASSAY	TB21257126	1062.00	1063.00	1.00	0.834	0.124	0.084	0.028	0.072	0.008
			HH21-107290	ASSAY	TB21257126	1063.00	1064.00	1.00	0.520	0.068	0.086	0.022	0.059	0.007
			HH21-107292	ASSAY	TB21257126	1064.00	1065.00	1.00	2.180	0.254	0.426	0.078	0.104	0.009
			HH21-107293	ASSAY	TB21257126	1065.00	1066.00	1.00	1.220	0.158	0.139	0.037	0.069	0.007
			HH21-107294	ASSAY	TB21257126	1066.00	1067.00	1.00	1.360	0.182	0.149	0.037	0.083	0.008
			HH21-107295	ASSAY	TB21257126	1067.00	1068.00	1.00	1.740	0.224	0.205	0.046	0.090	0.009
			HH21-107296	ASSAY	TB21257126	1068.00	1068.75	0.75	0.965	0.132	0.149	0.031	0.082	0.009
1,068.75	1,084.00	GAB-Vt	HH21-107297	ASSAY	TB21257126	1068.75	1070.00	1.25	2.230	0.300	0.183	0.033	0.068	0.005
		VARITEXTURED GABBRO - mixed with lesser NOR (~10%) and MNOR	HH21-107298	ASSAY	TB21257126	1070.00	1071.00	1.00	2.590	0.306	0.176	0.029	0.060	0.005
		Green and white. Dominantly medium-grained with lesser coarse-grained/leuco varitexture.	HH21-107299	ASSAY	TB21257126	1071.00	1072.00	1.00	1.680	0.220	0.126	0.040	0.063	0.006
		Moderate-strong chl-act alt. Weak Na alt. Phase of strong-extreme altered MNOR ~1080-1080.62m depth.	HH21-107300	ASSAY	TB21257126	1072.00	1073.00	1.00	1.840	0.218	0.151	0.044	0.077	0.007
		Nil to trace fg/diss py-po-cpy mineralization except ~1081.30-1082.80m depth where ~2% disseminated and blebby po-cpy mineralization occurs.	HH21-107301	ASSAY	TB21257126	1073.00	1074.00	1.00	0.516	0.069	0.025	0.008	0.034	0.004
		Occasional felsic veining/dikes. Sall strain/shear zone marking lower contact ~1083.60-1084.23m depth ~50dtca	HH21-107302	ASSAY	TB21257126	1074.00	1075.00	1.00	0.814	0.118	0.068	0.017	0.058	0.007
			HH21-107303	ASSAY	TB21257126	1075.00	1076.00	1.00	1.360	0.176	0.114	0.025	0.083	0.009
			HH21-107304	ASSAY	TB21257126	1076.00	1077.00	1.00	1.760	0.212	0.141	0.036	0.085	0.008
			HH21-107305	ASSAY	TB21257126	1077.00	1078.00	1.00	3.320	0.415	0.104	0.025	0.065	0.005
			HH21-107306	ASSAY	TB21257126	1078.00	1079.00	1.00	5.190	0.626	0.434	0.117	0.146	0.007
			HH21-107307	ASSAY	TB21257126	1079.00	1080.00	1.00	0.723	0.114	0.025	0.006	0.024	0.002
			HH21-107309	ASSAY	TB21257126	1080.00	1081.00	1.00	2.240	0.264	0.232	0.052	0.089	0.006
			HH21-107310	ASSAY	TB21257126	1081.00	1082.00	1.00	6.030	0.805	0.569	0.166	0.233	0.011
			HH21-107311	ASSAY	TB21257126	1082.00	1083.00	1.00	4.100	0.549	0.544	0.143	0.172	0.008
			HH21-107312	ASSAY	TB21257126	1083.00	1084.00	1.00	2.020	0.257	0.255	0.087	0.114	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,084.00	1,097.30	NOR	HH21-107313	ASSAY	TB21257126	1084.00	1085.00	1.00	2.860	0.350	0.285	0.077	0.103	0.007
		<p>NORITE - Moderate green and purple. Medium-grained, equigranular. ~60/40 pyx/plag to ~1088m depth where visible plag decreases. Weak to strong pervasive chl-act alt. Strong mineralization. ~2-4% fg disseminated po-cpy+/-py and (lesser) blebby po-cpy. Massive. Occasional felsic fragments and veinlets. Somewhat arbitrary lower contact where alteration increases to strong-extreme and Mg values increase to >120000 according to pXRF.</p>	HH21-107315	ASSAY	TB21257126	1085.00	1086.00	1.00	7.450	0.882	0.688	0.200	0.209	0.010
			HH21-107316	ASSAY	TB21257126	1086.00	1087.00	1.00	10.450	1.250	0.940	0.284	0.287	0.012
			HH21-107317	ASSAY	TB21257126	1087.00	1088.00	1.00	4.430	0.654	0.399	0.108	0.141	0.008
			HH21-107318	ASSAY	TB21257126	1088.00	1089.00	1.00	9.510	1.200	0.813	0.244	0.251	0.011
			HH21-107319	ASSAY	TB21257126	1089.00	1090.00	1.00	8.270	1.040	0.636	0.194	0.219	0.009
			HH21-107320	ASSAY	TB21257126	1090.00	1091.00	1.00	5.750	0.678	1.900	0.213	0.166	0.009
			HH21-107321	ASSAY	TB21257126	1091.00	1092.00	1.00	13.200	1.570	1.400	0.349	0.354	0.013
			HH21-107322	ASSAY	TB21257126	1092.00	1093.00	1.00	5.610	0.681	0.513	0.139	0.164	0.008
			HH21-107323	ASSAY	TB21257126	1093.00	1094.00	1.00	1.290	0.180	0.183	0.059	0.079	0.007
			HH21-107324	ASSAY	TB21257126	1094.00	1095.00	1.00	3.190	0.450	0.257	0.080	0.111	0.008
			HH21-107325	ASSAY	TB21257126	1095.00	1096.00	1.00	13.900	1.710	1.210	0.335	0.347	0.014
			HH21-107326	ASSAY	TB21257126	1096.00	1097.30	1.30	8.240	0.995	0.598	0.172	0.223	0.010

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,097.30	1,123.80	MNOR	HH21-107327	ASSAY	TB21257126	1097.30	1098.00	0.70	0.127	0.016	0.030	0.011	0.065	0.009
		<p>MELANONORITE/PYROXENITE with 10-20% GAB-Vt - Moderate-dark green. Strong-extreme pervasive chl-act alt. Medium-grained and equigranular. Intervals of GAB-Vt include 1116-1117.60m and 1120-1121.20m depth. Gab-Vt intervals dominantly mg with lesser cg. Mineralization occurs trace up to moderate-strongly with ~2% fg/diss po-cpy+/-py and lesser in Gab-Vt intervals ~0.5%. Massive except small strain zone ~30cm @ 1110m depth ~30-40dtca. Occasional felsic fragments and dikelets. Somewhat arbitrary lower contact where plag/gab-vt become more dominant and reflected in pXRF Mg values.</p>	HH21-107328	ASSAY	TB21257126	1098.00	1099.00	1.00	0.722	0.092	0.062	0.019	0.070	0.009
			HH21-107329	ASSAY	TB21257126	1099.00	1100.00	1.00	0.007	0.003	0.019	0.010	0.053	0.009
			HH21-107330	ASSAY	TB21257126	1100.00	1101.00	1.00	0.008	0.003	0.022	0.012	0.056	0.009
			HH21-107331	ASSAY	TB21257126	1101.00	1102.00	1.00	4.660	0.635	0.424	0.120	0.157	0.010
			HH21-107333	ASSAY	TB21257126	1102.00	1103.00	1.00	5.090	0.633	0.545	0.157	0.180	0.012
			HH21-107334	ASSAY	TB21257126	1103.00	1104.00	1.00	6.190	0.747	0.625	0.155	0.193	0.011
			HH21-107335	ASSAY	TB21257126	1104.00	1105.00	1.00	4.160	0.534	0.323	0.090	0.143	0.009
			HH21-107336	ASSAY	TB21257126	1105.00	1106.00	1.00	1.630	0.208	0.194	0.057	0.107	0.011
			HH21-107337	ASSAY	TB21257126	1106.00	1107.00	1.00	0.726	0.090	0.067	0.026	0.079	0.008
			HH21-107338	ASSAY	TB21257126	1107.00	1108.00	1.00	0.232	0.019	0.037	0.023	0.044	0.006
			HH21-107339	ASSAY	TB21257126	1108.00	1109.00	1.00	1.100	0.145	0.116	0.039	0.088	0.010
			HH21-107341	ASSAY	TB21257127	1109.00	1110.00	1.00	1.760	0.206	0.187	0.054	0.105	0.010
			HH21-107342	ASSAY	TB21257127	1110.00	1111.00	1.00	0.188	0.022	0.049	0.019	0.066	0.009
			HH21-107343	ASSAY	TB21257127	1111.00	1112.00	1.00	0.362	0.052	0.064	0.028	0.070	0.010
			HH21-107344	ASSAY	TB21257127	1112.00	1113.00	1.00	1.140	0.148	0.120	0.038	0.071	0.007
			HH21-107345	ASSAY	TB21257127	1113.00	1114.00	1.00	5.140	0.608	0.389	0.145	0.182	0.012
			HH21-107346	ASSAY	TB21257127	1114.00	1115.00	1.00	3.760	0.479	0.222	0.080	0.136	0.008
			HH21-107347	ASSAY	TB21257127	1115.00	1116.00	1.00	3.960	0.518	0.336	0.102	0.135	0.008
			HH21-107348	ASSAY	TB21257127	1116.00	1117.00	1.00	3.260	0.433	0.214	0.063	0.100	0.006
		HH21-107349	ASSAY	TB21257127	1117.00	1118.00	1.00	0.982	0.126	0.092	0.040	0.074	0.007	
		HH21-107350	ASSAY	TB21257127	1118.00	1119.00	1.00	1.680	0.233	0.189	0.048	0.092	0.009	
		HH21-107351	ASSAY	TB21257127	1119.00	1120.00	1.00	1.020	0.131	0.177	0.089	0.124	0.010	
		HH21-107352	ASSAY	TB21257127	1120.00	1121.00	1.00	1.460	0.175	0.146	0.042	0.069	0.006	
		HH21-107353	ASSAY	TB21257127	1121.00	1122.00	1.00	1.010	0.128	0.095	0.050	0.074	0.007	
		HH21-107354	ASSAY	TB21257127	1122.00	1123.00	1.00	0.102	0.013	0.029	0.054	0.084	0.009	
		HH21-107355	ASSAY	TB21257127	1123.00	1123.80	0.80	0.751	0.105	0.079	0.025	0.063	0.007	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,123.80	1,171.00	GAB-Vt	HH21-107356	ASSAY	TB21257127	1123.80	1125.00	1.20	0.286	0.034	0.035	0.016	0.048	0.005
		GAB-Vt with minor phases of MNOR - Moderate green and white. Dominantly medium-grained with lesser coarse-grained and fine-grained intervals. Moderate to strong pervasive chl-act alt. Small phases of NOR/MNOR typically <1m in length. Upper contact somewhat arbitrary and could anywhere ~1130m depth. Mineralization in GAB-Vt typically trace, but NOR/MNOR phases typically hosting ~1-3% fg/diss py-po-cpy mineralization. Massive with occasional felsic dikes. Gradational lower contact where plag phases out and NOR/MNOR becomes more present.	HH21-107358	ASSAY	TB21257127	1125.00	1126.00	1.00	2.850	0.391	0.217	0.061	0.116	0.008
			HH21-107359	ASSAY	TB21257127	1126.00	1127.00	1.00	2.410	0.276	0.249	0.063	0.082	0.008
			HH21-107360	ASSAY	TB21257127	1127.00	1128.00	1.00	2.730	0.348	0.305	0.101	0.121	0.009
			HH21-107361	ASSAY	TB21257127	1128.00	1129.00	1.00	0.558	0.076	0.096	0.029	0.049	0.006
			HH21-107362	ASSAY	TB21257127	1129.00	1130.00	1.00	0.531	0.080	0.080	0.026	0.037	0.005
			HH21-107363	ASSAY	TB21257127	1130.00	1131.00	1.00	0.526	0.037	0.050	0.019	0.040	0.005
			HH21-107364	ASSAY	TB21257127	1131.00	1132.00	1.00	0.124	0.018	0.015	0.006	0.033	0.005
			HH21-107365	ASSAY	TB21257127	1132.00	1133.00	1.00	0.047	0.003	0.016	0.012	0.034	0.005
			HH21-107366	ASSAY	TB21257127	1133.00	1134.00	1.00	0.390	0.044	0.034	0.018	0.038	0.005
			HH21-107367	ASSAY	TB21257127	1134.00	1135.00	1.00	0.813	0.105	0.045	0.014	0.059	0.007
			HH21-107368	ASSAY	TB21257127	1135.00	1136.00	1.00	0.955	0.150	0.048	0.017	0.057	0.005
			HH21-107369	ASSAY	TB21257127	1136.00	1137.00	1.00	0.418	0.048	0.050	0.019	0.048	0.005
			HH21-107370	ASSAY	TB21257127	1137.00	1138.00	1.00	0.307	0.031	0.037	0.018	0.045	0.005
			HH21-107371	ASSAY	TB21257127	1138.00	1139.00	1.00	0.018	0.003	0.015	0.010	0.031	0.005
			HH21-107372	ASSAY	TB21257127	1139.00	1140.00	1.00	0.150	0.011	0.009	0.010	0.031	0.005
			HH21-107373	ASSAY	TB21257127	1140.00	1141.00	1.00	0.307	0.037	0.028	0.020	0.038	0.005
			HH21-107375	ASSAY	TB21257127	1141.00	1142.00	1.00	0.329	0.065	0.030	0.015	0.042	0.006
			HH21-107376	ASSAY	TB21257127	1142.00	1143.00	1.00	0.375	0.049	0.041	0.013	0.059	0.008
			HH21-107377	ASSAY	TB21257127	1143.00	1144.00	1.00	1.010	0.126	0.084	0.026	0.055	0.006
			HH21-107378	ASSAY	TB21257127	1144.00	1145.00	1.00	0.826	0.123	0.058	0.019	0.052	0.007
		HH21-107379	ASSAY	TB21257127	1145.00	1146.00	1.00	1.280	0.203	0.093	0.030	0.059	0.006	
		HH21-107380	ASSAY	TB21257127	1146.00	1147.00	1.00	2.140	0.306	0.322	0.049	0.075	0.008	
		HH21-107382	ASSAY	TB21257127	1147.00	1148.00	1.00	0.978	0.148	0.085	0.023	0.060	0.008	
		HH21-107383	ASSAY	TB21257127	1148.00	1149.00	1.00	0.682	0.095	0.067	0.021	0.041	0.005	
		HH21-107384	ASSAY	TB21257127	1149.00	1150.00	1.00	1.820	0.209	0.138	0.041	0.063	0.006	
		HH21-107385	ASSAY	TB21257127	1150.00	1151.00	1.00	0.281	0.033	0.051	0.023	0.037	0.005	
		HH21-107386	ASSAY	TB21257127	1151.00	1152.00	1.00	4.480	0.529	0.354	0.117	0.131	0.010	
		HH21-107387	ASSAY	TB21257127	1152.00	1153.00	1.00	5.310	0.685	0.527	0.137	0.161	0.011	
		HH21-107388	ASSAY	TB21257127	1153.00	1154.00	1.00	0.908	0.120	0.104	0.036	0.050	0.005	
		HH21-107389	ASSAY	TB21257127	1154.00	1155.00	1.00	2.250	0.251	0.062	0.036	0.078	0.007	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107390	ASSAY	TB21257127	1155.00	1156.00	1.00	0.722	0.093	0.060	0.021	0.061	0.006
			HH21-107391	ASSAY	TB21257127	1156.00	1157.00	1.00	2.660	0.349	0.220	0.058	0.098	0.008
			HH21-107392	ASSAY	TB21257127	1157.00	1158.00	1.00	1.440	0.167	0.160	0.044	0.069	0.007
			HH21-107394	ASSAY	TB21257127	1158.00	1159.00	1.00	5.010	0.570	0.420	0.156	0.130	0.009
			HH21-107395	ASSAY	TB21257127	1159.00	1160.00	1.00	0.103	0.009	0.035	0.018	0.034	0.005
			HH21-107396	ASSAY	TB21257127	1160.00	1161.00	1.00	1.870	0.231	0.177	0.062	0.076	0.006
			HH21-107397	ASSAY	TB21257127	1161.00	1162.00	1.00	3.150	0.375	0.313	0.108	0.094	0.006
			HH21-107398	ASSAY	TB21257127	1162.00	1163.00	1.00	1.480	0.178	0.222	0.051	0.052	0.005
			HH21-107399	ASSAY	TB21257127	1163.00	1164.00	1.00	2.480	0.306	0.228	0.073	0.088	0.007
			HH21-107400	ASSAY	TB21257127	1164.00	1165.00	1.00	1.280	0.152	0.106	0.050	0.060	0.006
			HH21-107401	ASSAY	TB21257127	1165.00	1166.00	1.00	2.570	0.317	0.247	0.072	0.085	0.007
			HH21-107402	ASSAY	TB21257127	1166.00	1167.00	1.00	1.380	0.173	0.111	0.042	0.061	0.006
			HH21-107403	ASSAY	TB21257127	1167.00	1168.00	1.00	1.200	0.149	0.131	0.042	0.061	0.006
			HH21-107404	ASSAY	TB21257127	1168.00	1169.00	1.00	0.246	0.031	0.042	0.020	0.032	0.005
			HH21-107405	ASSAY	TB21257127	1169.00	1170.00	1.00	1.810	0.196	0.158	0.050	0.059	0.005
			HH21-107406	ASSAY	TB21257127	1170.00	1171.00	1.00	1.620	0.228	0.126	0.044	0.065	0.006
1,171.00	1,175.50	NOR	HH21-107407	ASSAY	TB21257127	1171.00	1172.00	1.00	0.107	0.016	0.017	0.018	0.043	0.007
		NORITE.	HH21-107408	ASSAY	TB21257127	1172.00	1173.00	1.00	1.090	0.133	0.098	0.033	0.061	0.007
		Dark green-grey and black. Gradational upper and lower contacts where we can see the difference in plag content. This unit has a plag/pyx ratio of 40/60. Strong chl and actinolite alteration. Not foliated. Sulfides occurring as fg blebs and disseminations, 0.2% assemblage.	HH21-107409	ASSAY	TB21257127	1173.00	1174.00	1.00	3.510	0.395	0.288	0.072	0.103	0.008
			HH21-107410	ASSAY	TB21257127	1174.00	1175.50	1.50	3.060	0.372	0.301	0.065	0.097	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,175.50	1,178.90	GAB-Vt	HH21-107411	ASSAY	TB21257127	1175.50	1176.00	0.50	0.012	0.003	0.010	0.007	0.025	0.004
GAB-Vt. Green-grey. Gradational contacts created where there is an increase in plag content (50/50 ratio) and variable grain size. The unit is predominantly mg with cg sections. Strong chlorite alteration, mod actinolite alteration and a weak na-alt.			HH21-107412	ASSAY	TB21257127	1176.00	1177.00	1.00	0.357	0.014	0.010	0.012	0.030	0.004
			HH21-107413	ASSAY	TB21257127	1177.00	1178.00	1.00	2.360	0.319	0.210	0.084	0.076	0.006
			HH21-107415	ASSAY	TB21257127	1178.00	1178.90	0.90	3.680	0.452	0.275	0.087	0.095	0.007
			Diorite dike occurring from 1177.39-1177.49 m. Composed of predominantly quartz and plagioclase. Barren.											
1178.33-1178.5: small section with quartz flooding. Minor fg sulfide blebs within.														
Upwards of 0.3% py, cpy and po occurring as fg disseminations and blebs.														
1,178.90	1,182.00	NOR	HH21-107416	ASSAY	TB21257127	1178.90	1180.00	1.10	0.195	0.028	0.022	0.015	0.048	0.007
Norite. Dark green-grey and black. Gradational upper contact where we can see the difference in plag content. Sharp, low-angle lower contact. This unit has a plag/pyx ratio of 40/60. Strong chl and actinolite alteration. Not foliated.			HH21-107417	ASSAY	TB21257127	1180.00	1181.00	1.00	0.344	0.044	0.041	0.018	0.044	0.006
			HH21-107419	ASSAY	TB21257128	1181.00	1182.00	1.00	1.400	0.181	0.075	0.029	0.063	0.006
			Sheared, deformed tonalite dikes occur from 1180.68-1181.92. Approximately composing 40% of this section.											
No sulfides observed														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,182.00	1,193.82	GAB-Vt	HH21-107420	ASSAY	TB21257128	1182.00	1183.00	1.00	3.170	0.351	0.285	0.102	0.099	0.007
		GAB-Vt. Dark green, light grey. The unit is a mix of mg and cg with minor fg sections. Pegmatitic from 1189.27-1189.47 m. The unit is not foliated. Moderate chl and actinolite alteration. 5% felsic intrusives occurring as quartz veins and diorite dikes. Mod K-alt occurring within a diorite dike from A patchy Na-alt occurs from 1192-1193.3 m. Upper and lower contacts are sharp. The upper contact is low angle(15 degrees) and extends to 1182.26 m. A strong increase in plagioclase and variable texture give evidence for litho change. Lower contact sharp due to mafic dike. A diorite dikelet occurs from 1193.32-1193.39. This is followed by a small fg mafic dike from 1193.39-1139.55. The section following this is noritic until the lower contact. Sulfides occurring predominantly as mg-cg blebs but also occurring as fracture infill (proximal to felsic intrusives).	HH21-107421	ASSAY	TB21257128	1183.00	1184.00	1.00	4.710	0.631	0.309	0.100	0.132	0.010
			HH21-107422	ASSAY	TB21257128	1184.00	1185.00	1.00	1.880	0.277	0.140	0.034	0.065	0.006
			HH21-107423	ASSAY	TB21257128	1185.00	1186.00	1.00	4.730	0.746	0.192	0.081	0.138	0.010
			HH21-107424	ASSAY	TB21257128	1186.00	1187.00	1.00	2.570	0.333	0.294	0.068	0.086	0.008
			HH21-107425	ASSAY	TB21257128	1187.00	1188.00	1.00	1.200	0.180	0.146	0.053	0.068	0.007
			HH21-107426	ASSAY	TB21257128	1188.00	1189.00	1.00	2.510	0.359	0.215	0.082	0.085	0.008
			HH21-107427	ASSAY	TB21257128	1189.00	1190.00	1.00	1.380	0.217	0.384	0.134	0.068	0.007
			HH21-107428	ASSAY	TB21257128	1190.00	1191.00	1.00	0.085	0.018	0.011	0.016	0.036	0.005
			HH21-107429	ASSAY	TB21257128	1191.00	1192.00	1.00	0.083	0.012	0.035	0.017	0.037	0.006
			HH21-107430	ASSAY	TB21257128	1192.00	1193.00	1.00	0.207	0.024	0.017	0.015	0.032	0.005
		HH21-107432	ASSAY	TB21257128	1193.00	1193.82	0.82	1.140	0.148	0.070	0.030	0.044	0.005	
1,193.82	1,195.28	DIKE-Mafic	HH21-107433	ASSAY	TB21257128	1193.82	1195.28	1.46	0.004	0.003	0.002	0.011	0.001	0.002
		Mafic Dike. Dark grey. Fg-aphanitic, massive unit. Sharp upper and lower contacts. 2 small felsic clasts occurring around 1194 m. No mineralization.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %	
1,195.28	1,197.83	GAB-Vt	HH21-107434	ASSAY	TB21257128	1195.28	1196.00	0.72	2.120	0.299	0.177	0.051	0.072	0.005	
GAB-Vt. Dark green, mod grey. Unit is predominantly medium grained. Mod-strong chl and actinolite alteration, weak Na-alt. Roughly 20% of the unit is composed of felsic intrusives. Sharp upper and lower contacts with the mafic dikes.			HH21-107435	ASSAY	TB21257128	1196.00	1197.00	1.00	0.490	0.060	0.015	0.011	0.034	0.004	
			HH21-107436	ASSAY	TB21257128	1197.00	1197.83	0.83	5.150	0.637	0.283	0.120	0.163	0.009	
			The unit begins with a felsic dike composed of two sections, a fg section which extends till 1195.41 and a pegmatic section with similar composition. It is composed of quartz, plagioclase(albite) and thin bands of biotite.												
From 1195.95-1196.3 there are tonalite bands running near perpendicular TCA.															
The unit is has 0.2% py,po,cpy assemblage occurring as blebs. Strongest concentration from 1197.3 m onwards.															
1,197.83	1,200.80	DIKE-Mafic	HH21-107437	ASSAY	TB21257128	1197.83	1198.83	1.00	0.033	0.003	0.008	0.018	0.003	0.003	
Mafic Dike. Moderate grey. Fg-aphanitic, massive unit. Sharp upper and lower contacts. More silicious than the above mafic dike.			HH21-107438	ASSAY	TB21257128	1198.83	1200.00	1.17	0.084	0.005	0.043	0.086	0.007	0.003	
			HH21-107439	ASSAY	TB21257128	1200.00	1200.80	0.80	0.024	0.003	0.012	0.018	0.006	0.003	
			Small diorite dike occurring from 1145.15-1145.23 m.												
Clast of gabbro occurring from 1198.8-1198.96 and 1199.05-1199.45.															
Trace sulfides occurring as fracture infill and fg blebs.															

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,200.80	1,222.76	NOR	HH21-107440	ASSAY	TB21257128	1200.80	1202.00	1.20	1.640	0.177	0.139	0.050	0.075	0.006
		Norite.	HH21-107441	ASSAY	TB21257128	1202.00	1203.00	1.00	0.010	0.003	0.025	0.014	0.034	0.006
		Dark green and dark grey. This unit is mostly medium grained. Not foliated. Sharp upper contact with the dike and a subtle contact with the GabVT unit below. Pyx:Plag ratio is at 80:20. Strong chlorite and actinolite alteration occur throughout the unit. The unit is weakly silicious.	HH21-107442	ASSAY	TB21257128	1203.00	1204.00	1.00	5.050	0.643	0.488	0.172	0.198	0.010
			HH21-107443	ASSAY	TB21257128	1204.00	1205.00	1.00	5.220	0.633	0.543	0.198	0.192	0.009
			HH21-107444	ASSAY	TB21257128	1205.00	1206.00	1.00	8.670	1.030	0.911	0.258	0.285	0.013
			HH21-107445	ASSAY	TB21257128	1206.00	1207.00	1.00	8.180	1.040	0.939	0.247	0.284	0.013
			HH21-107446	ASSAY	TB21257128	1207.00	1208.00	1.00	6.520	0.823	0.710	0.211	0.232	0.011
		The unit begins with a strongly sheared gabbro till 1200.93. From 1200.93-1201.07 there is a sheared tonalite dike. There is moderate Na-alt for 10 cm following the intrusive.	HH21-107447	ASSAY	TB21257128	1208.00	1209.00	1.00	9.640	1.110	0.759	0.219	0.283	0.010
			HH21-107448	ASSAY	TB21257128	1209.00	1210.00	1.00	11.850	1.190	1.140	0.425	0.280	0.011
			HH21-107449	ASSAY	TB21257128	1210.00	1211.00	1.00	19.100	2.330	0.860	0.331	0.421	0.013
			HH21-107451	ASSAY	TB21257128	1211.00	1212.00	1.00	12.150	1.470	1.370	0.288	0.343	0.010
		The unit is strongly mineralized with roughly 2% fg-cg blebs of cpy and po occuring together in assemblage and seperately. Pyrite occuring in trace amounts in few blebs.	HH21-107452	ASSAY	TB21257128	1212.00	1213.00	1.00	6.850	0.872	0.514	0.177	0.195	0.008
			HH21-107453	ASSAY	TB21257128	1213.00	1214.00	1.00	9.790	1.160	0.679	0.275	0.267	0.010
			HH21-107454	ASSAY	TB21257128	1214.00	1215.00	1.00	8.100	1.220	0.957	0.289	0.236	0.009
			HH21-107455	ASSAY	TB21257128	1215.00	1216.00	1.00	12.650	1.350	1.840	0.475	0.402	0.013
			HH21-107456	ASSAY	TB21257128	1216.00	1217.00	1.00	16.750	1.850	1.620	0.567	0.483	0.012
			HH21-107457	ASSAY	TB21257128	1217.00	1218.00	1.00	16.350	1.990	2.010	0.538	0.448	0.012
			HH21-107458	ASSAY	TB21257128	1218.00	1219.00	1.00	12.450	1.490	1.180	0.312	0.335	0.011
			HH21-107460	ASSAY	TB21257128	1219.00	1220.00	1.00	11.900	1.460	1.300	0.318	0.332	0.010
			HH21-107461	ASSAY	TB21257128	1220.00	1220.80	0.80	6.980	0.811	0.609	0.167	0.208	0.008
			HH21-107462	ASSAY	TB21257128	1220.80	1222.00	1.20	4.220	0.519	0.329	0.085	0.130	0.006
			HH21-107463	ASSAY	TB21257128	1222.00	1222.76	0.76	6.250	0.543	0.606	0.145	0.213	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,222.76	1,228.57	GAB-Vt	HH21-107464	ASSAY	TB21257128	1222.76	1224.00	1.24	9.730	1.350	0.772	0.376	0.267	0.009
GAB-Vt. Dark green, mod grey. Unit is predominantly medium grained. Mod-strong chl and actinolite alteration, weak silica alt occurring throughout but stronger near pegmatitic sections. The unit is not foliated. Gradational upper and lower contacts where there is an increase in plag/silica and vt.			HH21-107465	ASSAY	TB21257128	1224.00	1225.00	1.00	4.250	0.466	0.180	0.083	0.171	0.007
			HH21-107466	ASSAY	TB21257128	1225.00	1226.00	1.00	4.770	0.615	0.453	0.118	0.168	0.009
			HH21-107467	ASSAY	TB21257128	1226.00	1227.00	1.00	0.332	0.037	0.091	0.028	0.068	0.006
			HH21-107468	ASSAY	TB21257128	1227.00	1228.00	1.00	18.850	1.330	1.260	0.421	0.544	0.016
			HH21-107469	ASSAY	TB21257128	1228.00	1228.57	0.57	2.260	0.236	0.327	0.074	0.095	0.006
Pegmatitic sections occur from: 1222.83-1223.22, 1224.95-1225.25 and 1227.3-1227.75 m. These sections have anhedral grains and have a moderate silica alteration. Blue quartz eyes identified in the 1224.95-1225.25 m section.														
This unit is strongly mineralized. Mineralization is typically composed of mg-cg blebs of po and cpy. It is stronger in the pegmatitic sections. Cpy fracture infill also occurs in these sections. There is weak pyrite mineralization.														
1,228.57	1,233.50	NOR	HH21-107470	ASSAY	TB21257128	1228.57	1230.00	1.43	0.162	0.017	0.026	0.016	0.038	0.005
Norite. Dark greyish green and purple. The unit is medium-grained and equigranular. Pyx:plag occurs at an 80:20. There is a strong chl and actinolite alteration and a weak quartz alt.			HH21-107471	ASSAY	TB21257128	1230.00	1231.00	1.00	0.838	0.103	0.082	0.034	0.057	0.006
			HH21-107472	ASSAY	TB21257128	1231.00	1232.00	1.00	0.260	0.018	0.025	0.020	0.043	0.006
			HH21-107473	ASSAY	TB21257128	1232.00	1233.00	1.00	0.075	0.009	0.020	0.017	0.039	0.006
			HH21-107474	ASSAY	TB21257128	1233.00	1233.50	0.50	5.910	0.698	0.432	0.109	0.175	0.007
There is a weak Cu concentration within the unit, values 600 ppm or less.														
Contacts are gradational.														
Trace sulfides occurring as fg disseminations and one bleb(occurring near lower contact).														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,233.50	1,243.50	GAB-Vt	HH21-107475	ASSAY	TB21257128	1233.50	1234.00	0.50	14.050	1.680	1.330	0.349	0.396	0.012
<p>Gab-Vt. Dark green and light grey. Predominantly cg with sections of mg. Upper and lower contacts are gradational and are identified where there is a decrease in plag content, an increase in Mg concentration and smaller grain size. Not foliated. The unit has mod chl and actinolite alteration and a weak silica alteration.</p> <p>Cpy and Po occur as fg-mg blebs and fracture infill, about 0.5% each. Pyrite occurs in trace amounts.</p>			HH21-107476	ASSAY	TB21257128	1234.00	1235.00	1.00	2.310	0.375	0.323	0.094	0.124	0.007
			HH21-107477	ASSAY	TB21257128	1235.00	1236.00	1.00	3.850	0.569	0.249	0.083	0.124	0.006
			HH21-107479	ASSAY	TB21257128	1236.00	1237.00	1.00	3.680	0.477	0.196	0.094	0.114	0.004
			HH21-107480	ASSAY	TB21257128	1237.00	1238.00	1.00	1.380	0.188	0.063	0.050	0.056	0.003
			HH21-107481	ASSAY	TB21257128	1238.00	1239.00	1.00	4.670	0.279	0.538	0.574	0.178	0.007
			HH21-107482	ASSAY	TB21257128	1239.00	1240.00	1.00	3.260	0.430	0.171	0.071	0.120	0.007
			HH21-107483	ASSAY	TB21257128	1240.00	1241.00	1.00	0.251	0.045	0.016	0.018	0.028	0.004
			HH21-107484	ASSAY	TB21257128	1241.00	1242.00	1.00	1.040	0.074	0.011	0.006	0.047	0.004
			HH21-107485	ASSAY	TB21257128	1242.00	1243.50	1.50	2.900	0.375	0.218	0.104	0.098	0.006
			1,243.50	1,247.68	NOR	HH21-107486	ASSAY	TB21257128	1243.50	1244.25	0.75	5.470	0.679	0.571
<p>Norite.</p> <p>Dark grey, green, black, and white. Medium grained and mostly equigranular. Pyx:plag ratio 80:20. Alteration occurring as moderate actinolite, moderate chlorite. Sulphides .5%. Cpy, Py, Po. Mainly blebby, some disseminated. Gradational upper contact, sharp lower contact.</p>			HH21-107487	ASSAY	TB21257128	1244.25	1245.00	0.75	2.480	0.319	0.254	0.078	0.119	0.009
			HH21-107489	ASSAY	TB21257128	1245.00	1246.00	1.00	2.050	0.247	0.394	0.078	0.095	0.008
			HH21-107490	ASSAY	TB21257128	1246.00	1247.00	1.00	0.447	0.113	0.159	0.026	0.048	0.006
			HH21-107491	ASSAY	TB21257128	1247.00	1247.68	0.68	3.050	0.416	0.268	0.088	0.118	0.008
			1,247.68	1,259.23	GAB-Vt	HH21-107492	ASSAY	TB21257128	1247.68	1249.00	1.32	0.853	0.088	0.059
<p>GAB-Vt.</p> <p>Green, grey, white, and black in colour. Medium to coarse grained, medium grained dominated. Pyx:plag 50:50. Alteration includes moderate chlorite, weak actinolite, weak sodic, and weak k in veins. Sulphides .5% Fine to medium grained blebs and fine grained disseminated. Assemblage includes Cpy, py, and po.</p> <p>33cm felsic vein at beginning of section. Other smaller felsic (maybe Q-Dior) veins at approx. 1255.75 to 1256.05m and again at 1256.67 to 1257.07m.</p> <p>Sharp upper and lower contacts.</p>			HH21-107493	ASSAY	TB21257128	1249.00	1250.00	1.00	0.509	0.076	0.049	0.026	0.051	0.005
			HH21-107494	ASSAY	TB21257128	1250.00	1251.00	1.00	1.240	0.181	0.122	0.052	0.075	0.006
			HH21-107495	ASSAY	TB21257128	1251.00	1252.00	1.00	2.200	0.278	0.131	0.055	0.087	0.006
			HH21-107497	ASSAY	TB21266504	1252.00	1253.00	1.00	1.120	0.141	0.158	0.073	0.063	0.005
			HH21-107498	ASSAY	TB21266504	1253.00	1254.00	1.00	0.748	0.081	0.066	0.044	0.042	0.004
			HH21-107499	ASSAY	TB21266504	1254.00	1255.00	1.00	1.450	0.219	0.091	0.044	0.056	0.005
			HH21-107500	ASSAY	TB21266504	1255.00	1256.00	1.00	1.300	0.154	0.109	0.041	0.045	0.003
			HH21-107501	ASSAY	TB21266504	1256.00	1257.00	1.00	2.510	0.296	0.235	0.075	0.099	0.008
			HH21-107502	ASSAY	TB21266504	1257.00	1258.00	1.00	3.660	0.474	0.296	0.099	0.123	0.010
			HH21-107503	ASSAY	TB21266504	1258.00	1259.23	1.23	3.580	0.488	0.230	0.100	0.133	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,259.23	1,260.86	QDIOR	HH21-107504	ASSAY	TB21266504	1259.23	1260.00	0.77	0.141	0.020	0.030	0.012	0.018	0.002
Q-Dior Dike.			HH21-107505	ASSAY	TB21266504	1260.00	1260.86	0.86	0.017	0.003	0.001	0.003	0.003	0.001
		White, black, and pink in colour. Fine to medium grained. Weak k-alteration. Weakly foliated. No sulphides. Sharp and lower contacts.												
1,260.86	1,262.69	GAB-Vt	HH21-107506	ASSAY	TB21266504	1260.86	1262.00	1.14	0.190	0.043	0.021	0.013	0.030	0.004
GAB-Vt.			HH21-107507	ASSAY	TB21266504	1262.00	1262.69	0.69	0.665	0.152	0.050	0.030	0.048	0.006
		Dark green to grey in colour, with some white and black. Pyx:plag = 60:40. Medium to coarse grained, medium grained dominated. Weak chlorite alteration, weak actinolite alteration. Sulphides assemblage of Py, .3%. Medium grained blebs.												
		Weakly foliated felsic dike from 1261.28 to 1261.72m. Sharp upper and gradational lower contacts.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,262.69	1,308.00	NOR	HH21-107508	ASSAY	TB21266504	1262.69	1264.00	1.31	0.103	0.015	0.092	0.075	0.082	0.007
		Norite.	HH21-107509	ASSAY	TB21266504	1264.00	1265.00	1.00	0.008	0.005	0.035	0.052	0.063	0.006
		Dark green to dark grey, black, white in colour.	HH21-107510	ASSAY	TB21266504	1265.00	1266.00	1.00	0.423	0.049	0.072	0.058	0.069	0.006
		Medium grained with few VT and fine-grained segments. Pyx:plag = 85:15 to 65:35. Moderate chlorite to, weak actinolite alteration. Trace to 0.5% fine-grained disseminated to blebby py-po-ccp.	HH21-107511	ASSAY	TB21266504	1266.00	1267.00	1.00	0.174	0.022	0.022	0.021	0.038	0.006
		Dominantly trace with 0.5% from 1284.82-1286.50m, an interval which contains a ~10cm long segment of VT material.	HH21-107512	ASSAY	TB21266504	1267.00	1268.00	1.00	0.017	0.003	0.004	0.012	0.033	0.005
			HH21-107513	ASSAY	TB21266504	1268.00	1269.00	1.00	0.032	0.003	0.009	0.013	0.033	0.006
			HH21-107514	ASSAY	TB21266504	1269.00	1270.00	1.00	0.044	0.011	0.032	0.038	0.051	0.006
			HH21-107515	ASSAY	TB21266504	1270.00	1271.00	1.00	0.003	0.003	0.003	0.021	0.038	0.006
		Millimeter to centimeter-scale qtz-plg-bt veins occur intermittently.	HH21-107516	ASSAY	TB21266504	1271.00	1272.00	1.00	0.003	0.003	0.011	0.014	0.034	0.006
			HH21-107517	ASSAY	TB21266504	1272.00	1273.00	1.00	0.005	0.003	0.015	0.014	0.036	0.006
			HH21-107519	ASSAY	TB21266504	1273.00	1274.00	1.00	0.234	0.033	0.130	0.048	0.041	0.006
		Gradational upper contact.	HH21-107520	ASSAY	TB21266504	1274.00	1275.00	1.00	0.190	0.006	0.022	0.019	0.044	0.007
			HH21-107521	ASSAY	TB21266504	1275.00	1276.00	1.00	0.058	0.007	0.012	0.026	0.048	0.008
			HH21-107522	ASSAY	TB21266504	1276.00	1277.00	1.00	0.008	0.003	0.007	0.008	0.038	0.007
			HH21-107523	ASSAY	TB21266504	1277.00	1278.00	1.00	0.054	0.009	0.006	0.016	0.048	0.008
			HH21-107525	ASSAY	TB21266504	1278.00	1279.00	1.00	0.042	0.005	0.004	0.008	0.047	0.008
			HH21-107526	ASSAY	TB21266504	1279.00	1280.00	1.00	0.055	0.007	0.006	0.014	0.048	0.009
			HH21-107527	ASSAY	TB21266504	1280.00	1281.00	1.00	0.003	0.003	0.025	0.019	0.044	0.008
			HH21-107528	ASSAY	TB21266504	1281.00	1282.00	1.00	0.007	0.003	0.006	0.013	0.045	0.008
			HH21-107529	ASSAY	TB21266504	1282.00	1283.00	1.00	0.059	0.005	0.019	0.021	0.050	0.009
			HH21-107530	ASSAY	TB21266504	1283.00	1284.00	1.00	0.029	0.005	0.034	0.027	0.057	0.008
			HH21-107531	ASSAY	TB21266504	1284.00	1285.00	1.00	0.820	0.110	0.099	0.047	0.082	0.009
			HH21-107532	ASSAY	TB21266504	1285.00	1286.00	1.00	2.350	0.298	0.267	0.081	0.108	0.008
			HH21-107533	ASSAY	TB21266504	1286.00	1287.00	1.00	0.674	0.083	0.149	0.067	0.053	0.007
			HH21-107534	ASSAY	TB21266504	1287.00	1288.00	1.00	0.086	0.008	0.013	0.014	0.041	0.007
			HH21-107535	ASSAY	TB21266504	1288.00	1289.00	1.00	0.015	0.005	0.010	0.018	0.042	0.007
			HH21-107536	ASSAY	TB21266504	1289.00	1290.00	1.00	0.005	0.003	0.001	0.013	0.047	0.008
			HH21-107537	ASSAY	TB21266504	1290.00	1291.00	1.00	0.008	0.003	0.013	0.021	0.050	0.008
			HH21-107538	ASSAY	TB21266504	1291.00	1292.00	1.00	0.006	0.003	0.005	0.017	0.049	0.008
			HH21-107539	ASSAY	TB21266504	1292.00	1293.00	1.00	0.006	0.003	0.001	0.014	0.044	0.008
			HH21-107540	ASSAY	TB21266504	1293.00	1294.00	1.00	0.008	0.003	0.056	0.015	0.048	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-107541	ASSAY	TB21266504	1294.00	1295.00	1.00	0.025	0.006	0.005	0.014	0.045	0.007
			HH21-107542	ASSAY	TB21266504	1295.00	1296.00	1.00	0.062	0.014	0.027	0.034	0.053	0.007
			HH21-107543	ASSAY	TB21266504	1296.00	1297.00	1.00	0.291	0.043	0.029	0.025	0.053	0.008
			HH21-107545	ASSAY	TB21266504	1297.00	1298.00	1.00	0.082	0.012	0.020	0.017	0.043	0.007
			HH21-107546	ASSAY	TB21266504	1298.00	1299.00	1.00	0.109	0.014	0.009	0.023	0.047	0.007
			HH21-107547	ASSAY	TB21266504	1299.00	1300.00	1.00	0.067	0.010	0.006	0.022	0.048	0.007
			HH21-107548	ASSAY	TB21266504	1300.00	1301.00	1.00	0.009	0.003	0.045	0.014	0.041	0.007
			HH21-107549	ASSAY	TB21266504	1301.00	1302.00	1.00	0.033	0.003	0.031	0.013	0.043	0.007
			HH21-107550	ASSAY	TB21266504	1302.00	1303.00	1.00	0.290	0.045	0.012	0.026	0.043	0.006
			HH21-107551	ASSAY	TB21266504	1303.00	1304.00	1.00	0.001	0.003	0.014	0.011	0.040	0.007
			HH21-107552	ASSAY	TB21266504	1304.00	1305.00	1.00	0.026	0.005	0.011	0.028	0.057	0.008
			HH21-107553	ASSAY	TB21266504	1305.00	1306.00	1.00	0.129	0.017	0.019	0.020	0.046	0.007
			HH21-107554	ASSAY	TB21266504	1306.00	1307.00	1.00	0.007	0.003	0.002	0.011	0.041	0.007
			HH21-107556	ASSAY	TB21266504	1307.00	1308.00	1.00	0.081	0.007	0.002	0.015	0.044	0.007

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	185.80	-60.14	EXSPRINT	O	
5.08	185.56	-60.05	EXSPRINT	O	
10.03	185.57	-60.12	EXSPRINT	O	
15.13	185.69	-60.16	EXSPRINT	O	
20.01	185.61	-60.15	EXSPRINT	O	
25.08	185.66	-60.20	EXSPRINT	O	
30.02	185.84	-60.26	EXSPRINT	O	
35.07	186.03	-60.32	EXSPRINT	O	
40.01	186.10	-60.42	EXSPRINT	O	
45.00	186.27	-60.37	EXSPRINT	O	
50.02	186.30	-60.35	EXSPRINT	O	
55.00	186.45	-60.36	EXSPRINT	O	
60.05	186.49	-60.38	EXSPRINT	O	
65.09	186.51	-60.35	EXSPRINT	O	
70.06	186.64	-60.34	EXSPRINT	O	
75.07	186.67	-60.31	EXSPRINT	O	
80.05	186.84	-60.31	EXSPRINT	O	
85.06	187.05	-60.28	EXSPRINT	O	
90.03	187.16	-60.24	EXSPRINT	O	
95.00	187.32	-60.20	EXSPRINT	O	
100.01	187.56	-60.21	EXSPRINT	O	
105.10	187.67	-60.12	EXSPRINT	O	
110.03	187.78	-60.06	EXSPRINT	O	
115.04	187.96	-60.04	EXSPRINT	O	
120.09	188.06	-59.96	EXSPRINT	O	
125.01	188.28	-59.95	EXSPRINT	O	
130.10	188.44	-59.95	EXSPRINT	O	
135.00	188.66	-59.92	EXSPRINT	O	
140.11	188.78	-59.86	EXSPRINT	O	
145.11	188.94	-59.89	EXSPRINT	O	
150.05	189.20	-59.83	EXSPRINT	O	
155.01	189.44	-59.82	EXSPRINT	O	
160.07	189.58	-59.77	EXSPRINT	O	
165.05	189.73	-59.74	EXSPRINT	O	
170.06	190.01	-59.70	EXSPRINT	O	
175.00	190.26	-59.70	EXSPRINT	O	
180.08	190.37	-59.71	EXSPRINT	O	

185.09	190.44	-59.70	EXSPRINT	O
190.09	190.59	-59.75	EXSPRINT	O
195.04	190.68	-59.73	EXSPRINT	O
200.04	190.82	-59.73	EXSPRINT	O
205.00	190.93	-59.75	EXSPRINT	O
210.02	191.13	-59.79	EXSPRINT	O
215.00	191.22	-59.80	EXSPRINT	O
220.02	191.37	-59.80	EXSPRINT	O
225.07	191.48	-59.82	EXSPRINT	O
230.07	191.60	-59.85	EXSPRINT	O
235.02	191.86	-59.84	EXSPRINT	O
240.08	191.93	-59.79	EXSPRINT	O
245.01	192.11	-59.77	EXSPRINT	O
250.10	192.22	-59.74	EXSPRINT	O
255.00	192.40	-59.73	EXSPRINT	O
260.11	192.58	-59.69	EXSPRINT	O
265.04	192.82	-59.65	EXSPRINT	O
270.10	193.08	-59.61	EXSPRINT	O
275.00	193.24	-59.50	EXSPRINT	O
280.10	193.43	-59.47	EXSPRINT	O
285.07	193.52	-59.46	EXSPRINT	O
290.08	193.71	-59.44	EXSPRINT	O
295.05	194.01	-59.49	EXSPRINT	O
300.02	194.36	-59.50	EXSPRINT	O
305.04	194.81	-59.55	EXSPRINT	O
310.09	195.10	-59.56	EXSPRINT	O
315.09	195.42	-59.58	EXSPRINT	O
320.04	195.58	-59.56	EXSPRINT	O
325.05	195.71	-59.54	EXSPRINT	O
330.03	196.00	-59.45	EXSPRINT	O
335.01	196.27	-59.42	EXSPRINT	O
340.10	196.61	-59.41	EXSPRINT	O
345.03	196.93	-59.36	EXSPRINT	O
350.09	197.21	-59.34	EXSPRINT	O
355.05	197.57	-59.27	EXSPRINT	O
360.04	197.81	-59.18	EXSPRINT	O
365.00	198.08	-59.13	EXSPRINT	O
370.07	198.36	-59.09	EXSPRINT	O
375.03	198.57	-59.11	EXSPRINT	O
380.07	198.72	-59.05	EXSPRINT	O

Hole Number: 21-703

Units: METRIC

385.06	199.01	-59.04	EXSPRINT	O
390.00	199.19	-59.06	EXSPRINT	O
395.04	199.36	-59.04	EXSPRINT	O
400.05	199.57	-59.03	EXSPRINT	O
405.08	199.72	-59.02	EXSPRINT	O
410.06	199.98	-58.99	EXSPRINT	O
415.11	200.14	-58.97	EXSPRINT	O
420.11	200.39	-58.95	EXSPRINT	O
425.03	200.62	-58.93	EXSPRINT	O
430.11	200.89	-58.92	EXSPRINT	O
435.01	201.11	-58.88	EXSPRINT	O
440.10	201.34	-58.90	EXSPRINT	O
445.11	201.65	-58.82	EXSPRINT	O
450.03	201.88	-58.83	EXSPRINT	O
455.10	202.15	-58.81	EXSPRINT	O
460.09	202.13	-58.77	EXSPRINT	O
465.00	202.32	-58.77	EXSPRINT	O
470.09	202.81	-58.64	EXSPRINT	O
475.02	202.98	-58.69	EXSPRINT	O
480.08	202.60	-58.78	EXSPRINT	O
485.04	202.87	-58.96	EXSPRINT	O
490.03	202.74	-59.07	EXSPRINT	O
495.09	202.65	-59.14	EXSPRINT	O
500.11	202.84	-59.13	EXSPRINT	O
505.08	203.16	-59.14	EXSPRINT	O
510.07	203.16	-59.11	EXSPRINT	O
515.11	203.36	-59.08	EXSPRINT	O
520.03	203.52	-59.02	EXSPRINT	O
525.00	203.82	-59.41	EXSPRINT	O
530.04	204.06	-59.76	EXSPRINT	O
535.02	204.12	-59.77	EXSPRINT	O
540.08	204.05	-59.80	EXSPRINT	O
545.03	204.22	-59.77	EXSPRINT	O
550.09	204.33	-59.80	EXSPRINT	O
555.01	204.46	-59.82	EXSPRINT	O
560.08	204.52	-59.86	EXSPRINT	O
565.05	204.72	-59.85	EXSPRINT	O
570.08	204.74	-59.86	EXSPRINT	O
575.00	204.88	-59.86	EXSPRINT	O
580.01	204.95	-59.86	EXSPRINT	O

Hole Number: 21-703

Units: METRIC

585.05	205.06	-59.84	EXSPRINT	O
590.07	205.07	-59.86	EXSPRINT	O
595.11	205.20	-59.88	EXSPRINT	O
600.01	205.16	-59.86	EXSPRINT	O
605.05	205.27	-59.85	EXSPRINT	O
610.01	205.39	-59.90	EXSPRINT	O
615.13	205.56	-59.85	EXSPRINT	O
620.00	205.65	-59.83	EXSPRINT	O
625.00	205.66	-59.67	EXSPRINT	O
630.06	205.62	-59.64	EXSPRINT	O
635.11	205.64	-59.60	EXSPRINT	O
640.01	205.73	-59.62	EXSPRINT	O
645.06	206.28	-59.94	EXSPRINT	O
650.10	206.59	-60.28	EXSPRINT	O
655.06	207.25	-60.63	EXSPRINT	O
660.11	207.52	-60.93	EXSPRINT	O
665.10	207.09	-61.12	EXSPRINT	O
670.01	207.26	-61.17	EXSPRINT	O
675.06	207.55	-61.35	EXSPRINT	O
680.12	207.83	-61.46	EXSPRINT	O
685.09	208.03	-61.49	EXSPRINT	O
690.07	208.08	-61.43	EXSPRINT	O
695.06	208.12	-61.45	EXSPRINT	O
700.04	208.10	-61.42	EXSPRINT	O
705.10	208.23	-61.36	EXSPRINT	O
710.09	208.16	-61.36	EXSPRINT	O
715.08	208.20	-61.32	EXSPRINT	O
720.07	208.34	-61.44	EXSPRINT	O
725.01	208.21	-61.47	EXSPRINT	O
730.07	208.18	-61.48	EXSPRINT	O
735.01	208.18	-61.41	EXSPRINT	O
740.07	208.36	-61.26	EXSPRINT	O
745.04	208.65	-61.37	EXSPRINT	O
750.06	208.45	-61.22	EXSPRINT	O
755.08	208.50	-61.32	EXSPRINT	O
760.08	208.71	-61.36	EXSPRINT	O
765.03	208.33	-61.50	EXSPRINT	O
770.10	208.52	-61.44	EXSPRINT	O
775.08	208.53	-61.45	EXSPRINT	O
780.01	208.57	-61.40	EXSPRINT	O

Hole Number: 21-703

Units: METRIC

785.03	208.75	-61.37	EXSPRINT	O
790.10	208.73	-61.33	EXSPRINT	O
795.06	208.83	-61.32	EXSPRINT	O
800.10	208.81	-61.34	EXSPRINT	O
805.01	209.15	-61.24	EXSPRINT	O
810.01	208.95	-61.13	EXSPRINT	O
815.09	209.13	-61.06	EXSPRINT	O
820.10	208.88	-61.10	EXSPRINT	O
825.06	208.98	-61.09	EXSPRINT	O
830.01	209.45	-61.11	EXSPRINT	O
835.09	209.62	-60.97	EXSPRINT	O
840.11	210.05	-60.91	EXSPRINT	O
845.02	210.77	-60.77	EXSPRINT	O
850.01	210.40	-60.74	EXSPRINT	O
855.02	210.52	-60.63	EXSPRINT	O
860.10	210.64	-60.58	EXSPRINT	O
865.07	210.76	-60.61	EXSPRINT	O
870.04	210.82	-60.62	EXSPRINT	O
875.10	210.78	-60.59	EXSPRINT	O
880.11	210.82	-60.58	EXSPRINT	O
885.01	210.95	-60.51	EXSPRINT	O
890.05	210.90	-60.48	EXSPRINT	O
895.12	210.91	-60.46	EXSPRINT	O
900.02	210.82	-60.44	EXSPRINT	O
905.05	210.92	-60.36	EXSPRINT	O
910.05	210.97	-60.33	EXSPRINT	O
915.04	210.90	-60.32	EXSPRINT	O
920.09	211.03	-60.24	EXSPRINT	O
925.06	210.87	-60.24	EXSPRINT	O
930.09	211.01	-60.18	EXSPRINT	O
935.00	210.91	-60.21	EXSPRINT	O
940.06	211.03	-60.23	EXSPRINT	O
945.10	211.04	-60.23	EXSPRINT	O
950.01	211.08	-60.26	EXSPRINT	O
955.08	211.06	-60.23	EXSPRINT	O
960.09	211.09	-60.24	EXSPRINT	O
965.05	211.15	-60.20	EXSPRINT	O
970.08	211.00	-60.17	EXSPRINT	O
975.04	211.02	-60.22	EXSPRINT	O
980.07	210.85	-60.28	EXSPRINT	O

Hole Number: 21-703

Units: METRIC

985.03	210.68	-60.33	EXSPRINT	O
990.07	210.54	-60.31	EXSPRINT	O
995.02	210.57	-60.30	EXSPRINT	O
1000.11	210.55	-60.28	EXSPRINT	O
1005.08	210.50	-60.29	EXSPRINT	O
1010.02	210.49	-60.29	EXSPRINT	O
1015.04	210.48	-60.30	EXSPRINT	O
1020.02	210.43	-60.28	EXSPRINT	O
1025.03	210.32	-60.35	EXSPRINT	O
1030.01	210.42	-60.38	EXSPRINT	O
1035.02	210.48	-60.44	EXSPRINT	O
1040.04	210.44	-60.52	EXSPRINT	O
1045.06	210.51	-60.49	EXSPRINT	O
1050.01	210.46	-60.48	EXSPRINT	O
1055.04	210.42	-60.45	EXSPRINT	O
1060.10	210.47	-60.44	EXSPRINT	O
1065.09	210.36	-60.43	EXSPRINT	O
1070.00	210.38	-60.42	EXSPRINT	O
1075.05	210.27	-60.39	EXSPRINT	O
1080.08	210.16	-60.39	EXSPRINT	O
1085.01	209.96	-60.36	EXSPRINT	O
1090.09	209.90	-60.31	EXSPRINT	O
1095.08	209.86	-60.29	EXSPRINT	O
1100.05	209.89	-60.26	EXSPRINT	O
1105.08	209.89	-60.26	EXSPRINT	O
1110.03	209.94	-60.25	EXSPRINT	O
1115.07	209.84	-60.24	EXSPRINT	O
1120.07	209.57	-60.29	EXSPRINT	O
1125.10	209.41	-60.23	EXSPRINT	O
1130.06	209.30	-60.17	EXSPRINT	O
1135.00	209.27	-60.11	EXSPRINT	O
1140.12	209.20	-60.05	EXSPRINT	O
1145.08	209.05	-60.03	EXSPRINT	O
1150.11	208.97	-59.92	EXSPRINT	O
1155.04	208.96	-59.86	EXSPRINT	O
1160.09	208.74	-59.88	EXSPRINT	O
1165.06	208.61	-59.83	EXSPRINT	O
1170.03	208.50	-59.80	EXSPRINT	O
1175.02	208.29	-59.81	EXSPRINT	O
1180.10	207.82	-59.80	EXSPRINT	O

Hole Number: **21-703**

Units: **METRIC**

1185.01	207.42	-59.83	EXSPRINT	O
1190.01	207.33	-59.84	EXSPRINT	O
1195.04	207.21	-59.83	EXSPRINT	O
1200.08	207.26	-59.81	EXSPRINT	O
1205.05	207.06	-59.81	EXSPRINT	O
1210.10	206.93	-59.79	EXSPRINT	O
1215.05	206.77	-59.87	EXSPRINT	O
1220.04	206.80	-59.83	EXSPRINT	O
1225.04	206.71	-59.82	EXSPRINT	O
1230.04	206.53	-59.84	EXSPRINT	O
1235.06	206.49	-59.79	EXSPRINT	O
1240.05	206.43	-59.73	EXSPRINT	O
1245.01	206.28	-59.71	EXSPRINT	O
1250.01	206.10	-59.68	EXSPRINT	O
1255.07	206.00	-59.65	EXSPRINT	O
1260.06	205.95	-59.65	EXSPRINT	O
1265.09	205.69	-59.62	EXSPRINT	O
1270.02	205.66	-59.60	EXSPRINT	O
1275.00	205.55	-59.62	EXSPRINT	O
1280.05	205.42	-59.55	EXSPRINT	O
1285.01	205.30	-59.56	EXSPRINT	O



**Detailed Log Report
Hole Number 21-705**

Project Name: LDI - Mine	Primary Coordinates Grid: MINE:	Hole Status: Completed
Project Code: LDI MINE	North: 31,840.29	Length: 1,302.00
Location:	East: 31,885.28	Hole Size: NQ
Start Date: Nov 14, 2021	Elev: -582.76	Hole Type: DDH
Completed Date: Dec 26, 2021	Collar Dip: -58.90	Casing: No
Contractor: G4 Forage Drilling	Collar Az: 202.73	Cemented: Yes
Core Storage: Lac des Iles Minesite-cross piles	Destination Coordinates Grid: UTM83-16	Collar Survey: N Plugged: N
Units: METRIC	North: 5,449,444.97	Multishot Survey: N Pulse EM Survey: N
Start Log: Nov 19, 2021	East: 309,248.39	EOH: 1,302.00
End Log: Dec 28, 2021	Elev: -582.76	Artesian Cond: No
Logged By 1: Cassandra Black	Claim: 252	Abandon Reason:

Comments:

Detailed Lithology

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
0.00	8.45	NOR												
<p>NOR</p> <p>Grey, black. Medium grained. Pyx:Plag 60:40. Mostly diffuse grain boundaries.</p> <p>The first 0.91m of the unit is varitextured, remainder of the unit is mg.</p> <p>Trace Py diss mineralisation.</p> <p>Weakly altered, weak chl and act alt. Most alteration is within felsic dike, mod K and SiO2 alt.</p> <p>Felsic dike: 7.38-8.02m</p> <p>Gradational lower contact.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
8.45	9.76	VN												
FELSIC VEIN														
White, black, pink. Mg. Sulfide barren. Moderate K and SiO2 alt. Gradational upper and lower contacts.														
9.76	17.54	NOR												
NOR														
Grey, black, brown, white. Fg to Mg. Pyx:Plag 60:40 to 55:45. Diffuse grain boundaries. Trace diss min. Weakly Na and K altered. Becomes more altered towards the contact with mafic dike. Gradational upper and lower contacts.														
17.54	36.17	DIKE-Mafic												
MAFIC DIKE														
Black. Fine grained, aphanitic. More intermediate between 18.96-19.80m. Sheared at 12dtca 21-21.5m. 0.2% fg diss Py. Weak K-alt and epidote alt. Gradational upper contact, sharp lower contact.														
36.17	105.70	GAB-Vt												
GAB-VT														
Green, grey, black, white. Fg to Cg. Pyx:Plag 30:70 to 40:60. Sharp and diffuse grain boundaries. Appears to be more noritic between the interval 56-64m. Coarse grained sections scattered throughout with an almost LGAB between 98-100m interval. Weak to moderate chl and act alt. 1% Mineralization Cpy, Py, Po disseminated to mg blebs with some fracture filling. Felsic Dikes: 43.68-44.03m; 49.95-50.03m; 55.19-55.35m; 95.39-95.46m; 97.43-97.58m Intermediate Dikes: 46.99-47.04m; 94.62-95.08m Sharp upper and gradational lower contacts.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
105.70	126.83	NOR												
<p>NOR</p> <p>Grey, green, black. Mg. Pyx:Plag 60:40. Sharp and diffuse grain boundaries.</p> <p>Coarser grained GABVT sections between 113-119m. These host the majority of the trace mineralization with medium grained Cpy, Py and Po blebs. The rest of the mineralization is disseminated. Weakly chl and act alt.</p> <p>Felsic dikes: 117.14-117.19m; 118.47-118.53m; 119.16-119.22m</p> <p>Gradational upper and lower contacts.</p>														
126.83	144.70	GAB-Vt												
<p>GABVT</p> <p>Grey, green, black. Fg to Mg. Pyx:Plag 45:55 to 40:60. Mostly diffuse grain boundaries.</p> <p>Some noritic portions.</p> <p>0.3% Po, Cpy, Py mg blebs and fg diss.</p> <p>Moderate chl and act alt, weak Na alt.</p> <p>Gradational upper and lower contacts.</p>														
144.70	173.86	NOR												
<p>NOR</p> <p>Grey, purple, black. Fg to Mg. Pyx:Plag 60:40. Sharp and diffuse grain boundaries.</p> <p>Mostly mg with some fg sections.</p> <p>Trace Py fg diss.</p> <p>Moderate chl and act alt. Strongly altered and sheared at 166.5-167.1m and again at 168.8-169m. Unit contains a number of mm to 1 cm scale quartz and other felsic veins as well as larger felsic dikes.</p> <p>Felsic dikes: 151.91-152.01m; 159.82-159.91m; 162.53-162.64m; 163.06-163.25m; 164.1-164.2m.</p> <p>Gradational upper and lower contacts.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
173.86	175.16	VN												
<p>FELSIC VEIN</p> <p>White, brown, pink. Calcite and Quartz. Mg. Sulphide barren. Moderate K-alt. Gradational upper and lower contacts.</p>														
175.16	180.86	NOR												
<p>NOR</p> <p>Same as NOR unit above Vein. Felsic Dike: 178.37-178.47m. Gradational upper and lower contacts.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
180.86	392.80	GAB-Vt	HH21-108864	ASSAY	TB21332000	274.89	276.00	1.11	0.029	0.006	0.005	0.015	0.034	0.006
		GABVT	HH21-108865	ASSAY	TB21332000	276.00	277.00	1.00	0.429	0.034	0.026	0.043	0.053	0.007
		Grey, green, black, white, purple. Fg to Mg. Pyx:Plag 60:40 to 40:60. Sharp and diffuse grain boundaries. Hosts some noritic sections.	HH21-108866	ASSAY	TB21332000	277.00	278.00	1.00	0.852	0.076	0.087	0.070	0.072	0.008
		Variably trace to 1.5% mineralisation Cpy, Py and Po-Pn. Fg to Mg blebby and diss with few veinlets. Variably weak to strong, dominantly moderate pervasive chl and act alteration with intermittent epidote alteration.	HH21-108867	ASSAY	TB21332000	278.00	279.00	1.00	0.212	0.039	0.016	0.030	0.041	0.006
			HH21-108868	ASSAY	TB21332000	279.00	280.00	1.00	0.321	0.031	0.012	0.043	0.054	0.007
			HH21-108869	ASSAY	TB21332000	280.00	281.00	1.00	0.313	0.028	0.030	0.039	0.054	0.007
			HH21-108870	ASSAY	TB21332000	281.00	282.00	1.00	0.040	0.009	0.009	0.019	0.031	0.005
			HH21-108871	ASSAY	TB21332000	282.00	283.00	1.00	0.640	0.082	0.034	0.044	0.051	0.007
		An intermediate dyke is present from 305.53-305.98m. Tonalitic veins and dykes as well as qtz-plg-bt veins and dykes on the millimeter, centimeter and tens of centimeter scale are common throughout the interval.	HH21-108872	ASSAY	TB21332000	283.00	284.00	1.00	0.139	0.014	0.030	0.041	0.046	0.007
			HH21-108873	ASSAY	TB21332000	284.00	285.00	1.00	0.334	0.026	0.027	0.044	0.046	0.005
			HH21-108874	ASSAY	TB21332000	285.00	286.00	1.00	0.310	0.045	0.025	0.050	0.054	0.007
			HH21-108875	ASSAY	TB21332000	286.00	287.00	1.00	0.022	0.003	0.009	0.026	0.033	0.006
			HH21-108876	ASSAY	TB21332000	287.00	288.00	1.00	0.329	0.029	0.020	0.039	0.059	0.007
		Gradational upper contact. Lower contact with norite is gradational and obscured by pervasive moderate to strong chl-act alteration.	HH21-108877	ASSAY	TB21332000	288.00	289.00	1.00	0.068	0.013	0.006	0.039	0.070	0.007
			HH21-108878	ASSAY	TB21332000	289.00	290.00	1.00	0.247	0.017	0.006	0.015	0.038	0.005
			HH21-108879	ASSAY	TB21332000	290.00	291.00	1.00	0.506	0.091	0.016	0.032	0.040	0.006
			HH21-108881	ASSAY	TB21332000	291.00	292.00	1.00	0.106	0.014	0.009	0.032	0.045	0.006
			HH21-108882	ASSAY	TB21332000	292.00	293.00	1.00	0.378	0.039	0.001	0.004	0.061	0.007
			HH21-108883	ASSAY	TB21332000	293.00	294.00	1.00	0.344	0.021	0.029	0.064	0.053	0.006
			HH21-108884	ASSAY	TB21332000	294.00	295.00	1.00	0.053	0.003	0.021	0.027	0.027	0.005
			HH21-108885	ASSAY	TB21332000	295.00	296.00	1.00	0.065	0.008	0.021	0.084	0.070	0.009
			HH21-108886	ASSAY	TB21332000	296.00	297.00	1.00	0.630	0.053	0.002	0.025	0.039	0.004
			HH21-108888	ASSAY	TB21332000	297.00	298.00	1.00	0.502	0.069	0.009	0.025	0.043	0.005
			HH21-108889	ASSAY	TB21332000	298.00	299.00	1.00	0.491	0.052	0.031	0.043	0.053	0.006
			HH21-108890	ASSAY	TB21332000	299.00	300.00	1.00	0.525	0.054	0.021	0.034	0.051	0.007
			HH21-108891	ASSAY	TB21332000	300.00	301.00	1.00	0.206	0.025	0.012	0.031	0.041	0.006
			HH21-108892	ASSAY	TB21332000	301.00	302.00	1.00	0.001	0.003	0.005	0.019	0.033	0.006
			HH21-108893	ASSAY	TB21332000	302.00	303.00	1.00	0.001	0.003	0.004	0.013	0.031	0.006
			HH21-108894	ASSAY	TB21332000	303.00	304.00	1.00	0.006	0.003	0.010	0.022	0.032	0.006
			HH21-108895	ASSAY	TB21332000	304.00	305.00	1.00	0.005	0.003	0.008	0.017	0.035	0.005
			HH21-108896	ASSAY	TB21332000	305.00	306.00	1.00	0.001	0.003	0.011	0.023	0.021	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108897	ASSAY	TB21332000	306.00	307.00	1.00	0.007	0.003	0.018	0.049	0.061	0.008
			HH21-108898	ASSAY	TB21332000	307.00	308.00	1.00	0.004	0.003	0.009	0.020	0.032	0.006
			HH21-108899	ASSAY	TB21332000	308.00	309.00	1.00	0.486	0.015	0.025	0.038	0.062	0.006
			HH21-108900	ASSAY	TB21332000	309.00	310.00	1.00	0.017	0.003	0.021	0.023	0.039	0.006
			HH21-108901	ASSAY	TB21332000	310.00	311.00	1.00	0.177	0.020	0.025	0.026	0.041	0.006
			HH21-108902	ASSAY	TB21332000	311.00	312.00	1.00	1.145	0.061	0.069	0.049	0.059	0.006
			HH21-108903	ASSAY	TB21332000	312.00	313.00	1.00	0.284	0.020	0.012	0.013	0.040	0.007
			HH21-108904	ASSAY	TB21332000	313.00	314.00	1.00	0.002	0.003	0.016	0.020	0.035	0.006
			HH21-108905	ASSAY	TB21332000	314.00	315.00	1.00	0.690	0.033	0.044	0.036	0.062	0.006
			HH21-108906	ASSAY	TB21332000	315.00	316.00	1.00	0.001	0.003	0.006	0.016	0.037	0.007
			HH21-108908	ASSAY	TB21332000	316.00	317.00	1.00	0.417	0.023	0.025	0.022	0.037	0.006
			HH21-108909	ASSAY	TB21332000	317.00	318.00	1.00	0.048	0.009	0.013	0.020	0.038	0.005
			HH21-108910	ASSAY	TB21332000	318.00	319.00	1.00	0.032	0.003	0.020	0.034	0.047	0.006
			HH21-108911	ASSAY	TB21332000	319.00	320.00	1.00	0.946	0.107	0.041	0.035	0.047	0.006
			HH21-108912	ASSAY	TB21332000	320.00	321.00	1.00	0.001	0.003	0.008	0.017	0.026	0.006
			HH21-108913	ASSAY	TB21332000	321.00	322.00	1.00	0.006	0.003	0.014	0.043	0.056	0.008
			HH21-108914	ASSAY	TB21332000	322.00	323.00	1.00	0.001	0.003	0.004	0.025	0.034	0.006
			HH21-108915	ASSAY	TB21332000	323.00	324.00	1.00	0.001	0.003	0.010	0.023	0.033	0.006
			HH21-108916	ASSAY	TB21332000	324.00	325.00	1.00	0.005	0.003	0.001	0.008	0.039	0.007
			HH21-108917	ASSAY	TB21332000	325.00	326.00	1.00	0.046	0.007	0.002	0.015	0.030	0.006
			HH21-108919	ASSAY	TB21332000	326.00	327.00	1.00	0.024	0.003	0.010	0.024	0.035	0.006
			HH21-108920	ASSAY	TB21332000	327.00	328.00	1.00	0.207	0.018	0.003	0.014	0.032	0.005
			HH21-108921	ASSAY	TB21332000	328.00	329.00	1.00	0.198	0.036	0.004	0.023	0.024	0.005
			HH21-108922	ASSAY	TB21332000	329.00	330.00	1.00	0.020	0.003	0.001	0.015	0.021	0.005
			HH21-108923	ASSAY	TB21332000	330.00	331.00	1.00	0.031	0.007	0.001	0.017	0.023	0.005
			HH21-108924	ASSAY	TB21332000	331.00	332.00	1.00	0.006	0.003	0.001	0.014	0.017	0.004
			HH21-108925	ASSAY	TB21332000	332.00	333.00	1.00	0.006	0.003	0.002	0.016	0.021	0.005
			HH21-108926	ASSAY	TB21332000	333.00	334.00	1.00	0.026	0.009	0.005	0.019	0.026	0.005
			HH21-108927	ASSAY	TB21332000	334.00	335.00	1.00	0.016	0.007	0.005	0.021	0.031	0.006
			HH21-108928	ASSAY	TB21332000	335.00	336.00	1.00	0.012	0.006	0.010	0.019	0.027	0.005
			HH21-108930	ASSAY	TB21332000	336.00	337.00	1.00	0.069	0.007	0.005	0.016	0.026	0.005
			HH21-108931	ASSAY	TB21332000	337.00	338.00	1.00	0.052	0.006	0.005	0.023	0.025	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108932	ASSAY	TB21332000	338.00	339.00	1.00	0.029	0.003	0.005	0.018	0.018	0.004
			HH21-108933	ASSAY	TB21332000	339.00	340.00	1.00	0.001	0.003	0.001	0.016	0.023	0.005
			HH21-108934	ASSAY	TB21332000	340.00	341.00	1.00	0.001	0.003	0.001	0.014	0.019	0.006
			HH21-108935	ASSAY	TB21332000	341.00	342.00	1.00	0.001	0.003	0.001	0.021	0.017	0.006
			HH21-108936	ASSAY	TB21332000	342.00	343.00	1.00	0.001	0.003	0.001	0.021	0.017	0.006
			HH21-108937	ASSAY	TB21332000	343.00	344.00	1.00	0.005	0.003	0.001	0.018	0.017	0.007
			HH21-108938	ASSAY	TB21332000	344.00	345.00	1.00	0.002	0.003	0.001	0.013	0.009	0.006
			HH21-108939	ASSAY	TB21332000	345.00	346.00	1.00	0.020	0.005	0.001	0.015	0.015	0.007
			HH21-108940	ASSAY	TB21332000	346.00	347.00	1.00	0.005	0.003	0.001	0.010	0.011	0.004
			HH21-108942	ASSAY	TB21332002	347.00	348.00	1.00	0.026	0.009	0.002	0.008	0.013	0.005
			HH21-108943	ASSAY	TB21332002	348.00	349.00	1.00	0.036	0.011	0.002	0.005	0.018	0.005
			HH21-108944	ASSAY	TB21332002	349.00	350.00	1.00	0.031	0.013	0.004	0.005	0.023	0.005
			HH21-108945	ASSAY	TB21332002	350.00	351.00	1.00	0.046	0.028	0.002	0.005	0.024	0.004
			HH21-108946	ASSAY	TB21332002	351.00	352.00	1.00	0.098	0.054	0.004	0.004	0.026	0.005
			HH21-108947	ASSAY	TB21332002	352.00	353.00	1.00	0.063	0.024	0.002	0.004	0.025	0.004
			HH21-108948	ASSAY	TB21332002	353.00	354.00	1.00	0.050	0.019	0.002	0.005	0.018	0.003
			HH21-108949	ASSAY	TB21332002	354.00	355.00	1.00	0.016	0.006	0.001	0.005	0.010	0.002
			HH21-108950	ASSAY	TB21332002	355.00	356.00	1.00	0.066	0.027	0.002	0.004	0.024	0.004
			HH21-108951	ASSAY	TB21332002	356.00	357.00	1.00	0.042	0.018	0.003	0.008	0.023	0.004
			HH21-108952	ASSAY	TB21332002	357.00	358.00	1.00	0.082	0.041	0.002	0.003	0.023	0.004
			HH21-108953	ASSAY	TB21332002	358.00	359.00	1.00	0.089	0.039	0.004	0.005	0.029	0.005
			HH21-108955	ASSAY	TB21332002	359.00	360.00	1.00	0.114	0.030	0.020	0.011	0.033	0.005
			HH21-108956	ASSAY	TB21332002	360.00	361.00	1.00	0.208	0.030	0.030	0.037	0.054	0.006
			HH21-108957	ASSAY	TB21332002	361.00	362.00	1.00	0.001	0.003	0.006	0.034	0.044	0.005
			HH21-108958	ASSAY	TB21332002	362.00	363.00	1.00	0.001	0.003	0.002	0.020	0.032	0.004
			HH21-108959	ASSAY	TB21332002	363.00	364.00	1.00	0.001	0.003	0.004	0.027	0.033	0.004
			HH21-108960	ASSAY	TB21332002	364.00	365.00	1.00	0.001	0.003	0.003	0.022	0.029	0.004
			HH21-108961	ASSAY	TB21332002	365.00	366.00	1.00	0.001	0.003	0.003	0.021	0.027	0.004
			HH21-108962	ASSAY	TB21332002	366.00	367.00	1.00	0.007	0.005	0.007	0.035	0.040	0.004
			HH21-108963	ASSAY	TB21332002	367.00	368.00	1.00	0.013	0.005	0.004	0.022	0.028	0.004
			HH21-108964	ASSAY	TB21332002	368.00	369.00	1.00	0.266	0.018	0.014	0.027	0.038	0.005
			HH21-108965	ASSAY	TB21332002	369.00	370.00	1.00	0.023	0.006	0.005	0.009	0.022	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-108966	ASSAY	TB21332002	370.00	371.00	1.00	0.069	0.008	0.008	0.016	0.029	0.005
			HH21-108967	ASSAY	TB21332002	371.00	372.00	1.00	0.070	0.012	0.013	0.028	0.040	0.004
			HH21-108968	ASSAY	TB21332002	372.00	373.00	1.00	0.310	0.044	0.020	0.032	0.044	0.005
			HH21-108969	ASSAY	TB21332002	373.00	374.00	1.00	0.120	0.021	0.009	0.015	0.026	0.004
			HH21-108970	ASSAY	TB21332002	374.00	375.00	1.00	0.030	0.007	0.010	0.019	0.032	0.004
			HH21-108972	ASSAY	TB21332002	375.00	376.00	1.00	0.324	0.032	0.034	0.028	0.032	0.004
			HH21-108973	ASSAY	TB21332002	376.00	377.00	1.00	0.105	0.027	0.002	0.005	0.023	0.003
			HH21-108974	ASSAY	TB21332002	377.00	378.00	1.00	0.275	0.047	0.016	0.020	0.033	0.004
			HH21-108975	ASSAY	TB21332002	378.00	379.00	1.00	0.115	0.064	0.015	0.021	0.036	0.004
			HH21-108976	ASSAY	TB21332002	379.00	380.00	1.00	0.271	0.070	0.056	0.065	0.057	0.005
			HH21-108977	ASSAY	TB21332002	380.00	381.00	1.00	0.063	0.026	0.030	0.023	0.037	0.005
			HH21-108978	ASSAY	TB21332002	381.00	382.00	1.00	0.609	0.223	0.100	0.048	0.049	0.004
			HH21-108979	ASSAY	TB21332002	382.00	383.00	1.00	0.244	0.101	0.022	0.016	0.034	0.004
			HH21-108980	ASSAY	TB21332002	383.00	384.00	1.00	0.134	0.078	0.007	0.007	0.011	0.002
			HH21-108981	ASSAY	TB21332002	384.00	385.00	1.00	0.321	0.185	0.004	0.004	0.023	0.003
			HH21-108982	ASSAY	TB21332002	385.00	386.00	1.00	0.519	0.235	0.007	0.005	0.037	0.005
			HH21-108983	ASSAY	TB21332002	386.00	387.00	1.00	1.670	0.575	0.020	0.008	0.044	0.007
			HH21-108984	ASSAY	TB21332002	387.00	388.00	1.00	0.738	0.283	0.017	0.015	0.041	0.007
			HH21-108985	ASSAY	TB21332002	388.00	389.00	1.00	0.300	0.071	0.017	0.012	0.031	0.005
			HH21-108986	ASSAY	TB21332002	389.00	390.00	1.00	0.053	0.010	0.024	0.021	0.033	0.006
			HH21-108988	ASSAY	TB21332002	390.00	391.00	1.00	0.026	0.005	0.009	0.007	0.024	0.004
			HH21-108989	ASSAY	TB21332002	391.00	392.00	1.00	0.073	0.010	0.012	0.010	0.036	0.006
			HH21-108990	ASSAY	TB21332002	392.00	392.80	0.80	0.129	0.016	0.012	0.010	0.038	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
392.80	402.14	NOR	HH21-108991	ASSAY	TB21332002	392.80	394.00	1.20	0.122	0.017	0.011	0.011	0.041	0.006
<p>NOR - fine- to medium-grained, green-grey-black-purple-white in colour with a dominantly strong with lesser moderate to weak degree of pervasive chl-act alteration. Few gabbroic segments are present in the interval.</p> <p>Pyrite is present in a trace abundance throughout the interval.</p> <p>A fractured interval is present from 396.0-396.51m.</p> <p>Upper and lower contacts with GABVT are gradational and obscured by pervasive moderate to strong chl-act alteration.</p>			HH21-108993	ASSAY	TB21332002	394.00	395.00	1.00	0.121	0.016	0.017	0.018	0.047	0.007
			HH21-108994	ASSAY	TB21332002	395.00	396.00	1.00	0.129	0.012	0.016	0.014	0.046	0.007
			HH21-108995	ASSAY	TB21332002	396.00	397.00	1.00	0.133	0.011	0.012	0.011	0.049	0.007
			HH21-108996	ASSAY	TB21332002	397.00	398.00	1.00	0.135	0.013	0.013	0.010	0.050	0.007
			HH21-108997	ASSAY	TB21332002	398.00	399.00	1.00	0.149	0.011	0.011	0.009	0.051	0.007
			HH21-108998	ASSAY	TB21332002	399.00	400.00	1.00	0.175	0.014	0.011	0.010	0.051	0.008
			HH21-108999	ASSAY	TB21332002	400.00	401.00	1.00	0.165	0.015	0.010	0.010	0.050	0.008
HH21-109000	ASSAY	TB21332002	401.00	402.14	1.14	0.128	0.014	0.011	0.009	0.048	0.007			
402.14	405.61	GAB	HH21-109001	ASSAY	TB21332002	402.14	403.00	0.86	0.041	0.012	0.017	0.009	0.036	0.005
<p>GAB - Medium-grained, green-grey-black-white in colour with a weak to moderate degree of pervasive chl-act alteration.</p> <p>Pyrite occurs as disseminations in a trace abundance.</p> <p>Millimeter to centimeter scale Qtz-plg-bt veins occur throughout the interval.</p> <p>Upper contact with NOR is gradational and obscured by pervasive chl-act alteration. Lower contact is sharp with a mafic dyke.</p>			HH21-109002	ASSAY	TB21332002	403.00	404.00	1.00	0.075	0.021	0.007	0.009	0.039	0.006
			HH21-109003	ASSAY	TB21332002	404.00	405.00	1.00	0.075	0.015	0.010	0.010	0.038	0.006
			HH21-109004	ASSAY	TB21332002	405.00	405.61	0.61	0.055	0.013	0.007	0.009	0.035	0.005
			<p>Mafic dyke with lesser intermediate material - Fine-grained, black-grey-green-white in colour with a weak degree of pervasive chl alteration.</p> <p>Vfg disseminated and vein hosted pyrite occurs in an abundance of 0.5%.</p> <p>Upper and lower contacts are sharp with GAB and GABVT respectively.</p>			HH21-109005	ASSAY	TB21332002	405.61	406.60	0.99	0.002	0.003	0.001
HH21-109006	ASSAY	TB21332002				406.60	407.64	1.04	0.003	0.003	0.020	0.022	0.005	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
407.64	468.20	GAB-Vt	HH21-109007	ASSAY	TB21332002	407.64	409.00	1.36	0.149	0.012	0.012	0.009	0.052	0.007
GABVT -Medium to coarse-grained, green-black-white-grey in colour with a dominantly weak to moderate degree of pervasive chl-act alteration.			HH21-109008	ASSAY	TB21332002	409.00	410.00	1.00	0.090	0.014	0.010	0.007	0.039	0.006
			HH21-109009	ASSAY	TB21332002	410.00	411.00	1.00	0.102	0.024	0.017	0.011	0.036	0.006
			HH21-109010	ASSAY	TB21332002	411.00	412.00	1.00	0.071	0.017	0.013	0.009	0.035	0.006
			HH21-109011	ASSAY	TB21332002	412.00	413.00	1.00	0.051	0.012	0.011	0.010	0.034	0.005
Few noritic segments are present at the top of the interval and from 464.50 to 465.59 m.			HH21-109013	ASSAY	TB21332002	413.00	414.00	1.00	0.635	0.060	0.072	0.042	0.056	0.005
			HH21-109014	ASSAY	TB21332002	414.00	415.00	1.00	1.345	0.110	0.122	0.066	0.088	0.006
Vfg-cg blebby po-ccp-pn(-py) occur in an average abundance of 3.5% from 413.32-438.83m.			HH21-109015	ASSAY	TB21332002	415.00	416.00	1.00	1.510	0.110	0.178	0.065	0.094	0.006
			HH21-109016	ASSAY	TB21332002	416.00	417.00	1.00	3.680	0.306	0.291	0.109	0.205	0.008
Qtz-plg-bt dykes and veins, generally on the scale of tens of centimeters, occur throughout the interval.			HH21-109017	ASSAY	TB21332002	417.00	418.00	1.00	4.370	0.283	0.302	0.195	0.176	0.007
			HH21-109018	ASSAY	TB21332002	418.00	419.00	1.00	8.410	0.547	0.778	0.356	0.380	0.011
Upper contact is sharp with a mafic dyke. The unit lower contact with the diorite is gradational.			HH21-109020	ASSAY	TB21339786	419.00	420.00	1.00	8.690	0.615	0.583	0.306	0.418	0.012
			HH21-109021	ASSAY	TB21339786	420.00	421.00	1.00	4.170	0.316	0.488	0.208	0.175	0.007
			HH21-109022	ASSAY	TB21339786	421.00	422.00	1.00	4.370	0.329	0.418	0.236	0.163	0.007
			HH21-109023	ASSAY	TB21339786	422.00	423.00	1.00	2.260	0.157	0.287	0.107	0.107	0.006
			HH21-109024	ASSAY	TB21339786	423.00	424.00	1.00	4.830	0.300	0.987	0.178	0.255	0.009
			HH21-109025	ASSAY	TB21339786	424.00	425.00	1.00	2.730	0.180	0.245	0.171	0.141	0.007
			HH21-109026	ASSAY	TB21339786	425.00	426.00	1.00	4.290	0.293	0.321	0.310	0.197	0.007
			HH21-109027	ASSAY	TB21339786	426.00	427.00	1.00	4.780	0.336	0.227	0.119	0.237	0.008
			HH21-109028	ASSAY	TB21339786	427.00	428.00	1.00	6.370	0.317	0.660	0.336	0.349	0.010
			HH21-109029	ASSAY	TB21339786	428.00	429.00	1.00	5.650	0.401	1.510	0.264	0.265	0.011
			HH21-109030	ASSAY	TB21339786	429.00	430.00	1.00	1.315	0.066	0.114	0.042	0.093	0.006
			HH21-109031	ASSAY	TB21339786	430.00	431.00	1.00	0.697	0.063	0.132	0.045	0.062	0.006
			HH21-109032	ASSAY	TB21339786	431.00	432.00	1.00	0.961	0.140	0.108	0.046	0.074	0.007
			HH21-109033	ASSAY	TB21339786	432.00	433.00	1.00	1.095	0.121	0.097	0.051	0.076	0.006
			HH21-109034	ASSAY	TB21339786	433.00	434.00	1.00	3.860	0.272	0.179	0.105	0.215	0.010
			HH21-109035	ASSAY	TB21339786	434.00	435.00	1.00	2.450	0.160	0.448	0.247	0.141	0.008
			HH21-109036	ASSAY	TB21339786	435.00	436.00	1.00	2.100	0.108	0.377	0.090	0.114	0.006
			HH21-109037	ASSAY	TB21339786	436.00	437.00	1.00	1.935	0.162	0.371	0.102	0.118	0.007
			HH21-109038	ASSAY	TB21339786	437.00	438.00	1.00	0.894	0.095	0.327	0.089	0.075	0.006
			HH21-109039	ASSAY	TB21339786	438.00	439.00	1.00	11.550	0.540	0.270	0.272	0.591	0.018

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109041	ASSAY	TB21339786	439.00	440.00	1.00	0.147	0.029	0.008	0.011	0.019	0.002
			HH21-109042	ASSAY	TB21339786	440.00	440.97	0.97	0.281	0.080	0.017	0.013	0.043	0.006
			HH21-109043	ASSAY	TB21339786	440.97	441.64	0.67	0.030	0.003	0.003	0.011	0.001	0.000
			HH21-109044	ASSAY	TB21339786	441.64	442.35	0.71	0.046	0.016	0.003	0.012	0.013	0.002
			HH21-109045	ASSAY	TB21339786	442.35	443.00	0.65	0.297	0.035	0.003	0.006	0.034	0.004
			HH21-109046	ASSAY	TB21339786	443.00	444.00	1.00	0.407	0.051	0.007	0.009	0.044	0.005
			HH21-109047	ASSAY	TB21339786	444.00	445.00	1.00	1.830	0.188	0.160	0.110	0.089	0.007
			HH21-109048	ASSAY	TB21339786	445.00	446.00	1.00	4.310	0.251	0.322	0.164	0.185	0.008
			HH21-109049	ASSAY	TB21339786	446.00	447.00	1.00	1.490	0.139	0.081	0.073	0.098	0.006
			HH21-109051	ASSAY	TB21339786	447.00	448.00	1.00	1.215	0.158	0.072	0.040	0.064	0.005
			HH21-109052	ASSAY	TB21339786	448.00	449.00	1.00	1.195	0.123	0.051	0.027	0.066	0.005
			HH21-109053	ASSAY	TB21339786	449.00	450.00	1.00	1.455	0.111	0.078	0.046	0.078	0.004
			HH21-109054	ASSAY	TB21339786	450.00	451.00	1.00	0.455	0.042	0.036	0.030	0.045	0.005
			HH21-109055	ASSAY	TB21339786	451.00	452.00	1.00	1.620	0.102	0.025	0.042	0.074	0.006
			HH21-109056	ASSAY	TB21339786	452.00	453.00	1.00	2.270	0.175	0.036	0.060	0.109	0.006
			HH21-109057	ASSAY	TB21339786	453.00	454.00	1.00	2.430	0.186	0.074	0.086	0.130	0.006
			HH21-109058	ASSAY	TB21339786	454.00	455.00	1.00	1.660	0.126	0.056	0.073	0.083	0.006
			HH21-109059	ASSAY	TB21339786	455.00	456.00	1.00	1.880	0.176	0.206	0.105	0.095	0.006
			HH21-109060	ASSAY	TB21339786	456.00	457.00	1.00	0.376	0.028	0.013	0.023	0.040	0.004
			HH21-109062	ASSAY	TB21339786	457.00	458.00	1.00	0.063	0.014	0.004	0.007	0.017	0.003
			HH21-109063	ASSAY	TB21339786	458.00	459.00	1.00	0.046	0.013	0.002	0.007	0.021	0.003
			HH21-109064	ASSAY	TB21339786	459.00	460.00	1.00	0.054	0.020	0.002	0.010	0.025	0.004
			HH21-109065	ASSAY	TB21339786	460.00	461.00	1.00	0.052	0.010	0.003	0.004	0.023	0.004
			HH21-109066	ASSAY	TB21339786	461.00	462.00	1.00	0.041	0.009	0.005	0.008	0.028	0.004
			HH21-109067	ASSAY	TB21339786	462.00	463.00	1.00	0.138	0.022	0.003	0.011	0.031	0.004
			HH21-109068	ASSAY	TB21339786	463.00	464.00	1.00	0.101	0.023	0.005	0.009	0.027	0.004
			HH21-109069	ASSAY	TB21339786	464.00	464.50	0.50	0.325	0.045	0.015	0.037	0.066	0.005
			HH21-109070	ASSAY	TB21339786	464.50	465.59	1.09	0.111	0.024	0.005	0.014	0.034	0.005
			HH21-109071	ASSAY	TB21339786	465.59	467.00	1.41	0.009	0.003	0.002	0.012	0.017	0.004
			HH21-109073	ASSAY	TB21339786	467.00	468.20	1.20	0.003	0.003	0.001	0.007	0.012	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %	
468.20	491.16	DIOR	HH21-109074	ASSAY	TB21339786	468.20	469.00	0.80	0.002	0.003	0.001	0.006	0.010	0.004	
DIOR- White, grey, green in colour. Medium-grained. The unit displays a weak to strong augen-gneissic structure. Moderate chl-, act-, Na- alteration throughout the rock and very locally moderate to strong K- alteration. Poorly mineralized (0.1% sulfide content), with py and cpy visible as diss. fg to mg and fracture-fillings. Sharp lower contact with the tonalite.			HH21-109075	ASSAY	TB21339786	469.00	470.00	1.00	0.007	0.003	0.001	0.007	0.010	0.004	
			HH21-109076	ASSAY	TB21339786	470.00	471.00	1.00	0.003	0.003	0.001	0.005	0.004	0.004	0.004
			HH21-109077	ASSAY	TB21339786	471.00	472.00	1.00	0.002	0.003	0.001	0.004	0.003	0.004	0.004
			HH21-109078	ASSAY	TB21339786	472.00	473.00	1.00	0.002	0.003	0.004	0.007	0.004	0.004	0.004
			HH21-109079	ASSAY	TB21339786	473.00	474.00	1.00	0.003	0.003	0.001	0.004	0.002	0.003	0.003
			HH21-109080	ASSAY	TB21339786	474.00	475.00	1.00	0.009	0.003	0.001	0.003	0.002	0.003	0.003
			HH21-109081	ASSAY	TB21339786	475.00	476.00	1.00	0.012	0.003	0.001	0.004	0.002	0.003	0.003
			HH21-109082	ASSAY	TB21339786	476.00	477.00	1.00	0.006	0.003	0.001	0.004	0.002	0.003	0.003
			HH21-109083	ASSAY	TB21339786	477.00	478.00	1.00	0.019	0.003	0.002	0.008	0.005	0.004	0.004
			HH21-109084	ASSAY	TB21339786	478.00	479.00	1.00	0.008	0.003	0.001	0.004	0.001	0.003	0.003
			HH21-109085	ASSAY	TB21339786	479.00	480.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003	0.002
			HH21-109086	ASSAY	TB21339786	480.00	481.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003	0.003
			HH21-109088	ASSAY	TB21339786	481.00	482.00	1.00	0.001	0.003	0.001	0.004	0.002	0.003	0.003
			HH21-109089	ASSAY	TB21339786	482.00	483.00	1.00	0.001	0.003	0.001	0.007	0.002	0.003	0.003
			HH21-109090	ASSAY	TB21339786	483.00	484.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003	0.003
			HH21-109091	ASSAY	TB21339786	484.00	485.00	1.00	0.001	0.003	0.001	0.006	0.002	0.003	0.003
			HH21-109092	ASSAY	TB21339786	485.00	486.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003	0.002
HH21-109093	ASSAY	TB21339786	486.00	487.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003	0.002			
HH21-109094	ASSAY	TB21339786	487.00	488.00	1.00	0.001	0.003	0.001	0.004	0.002	0.003	0.002			
HH21-109095	ASSAY	TB21339786	488.00	489.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003	0.002			
HH21-109096	ASSAY	TB21339786	489.00	490.00	1.00	0.001	0.003	0.004	0.014	0.003	0.003	0.003			
HH21-109098	ASSAY	TB21347272	490.00	491.16	1.16	0.001	0.003	0.001	0.005	0.003	0.003	0.002			
491.16	585.71	TON	HH21-109099	ASSAY	TB21347272	491.16	492.00	0.84	0.001	0.003	0.001	0.002	0.001	0.001	
TON- Dominantly grey-white in colour. Fine- to medium-grained. Moderately to strongly foliated. Weak to moderate Na-alteration and patchy (weak to moderate) K-alteration. Regular jointing between 500.40m and 508m, with sericite filling joints.			HH21-109100	ASSAY	TB21347272	492.00	493.38	1.38	0.001	0.003	0.001	0.002	0.000	0.001	
			585.71	586.90	DIKE-Felsic										
DIKE - Felsic. Medium-grained. Strong K-alt.															

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
586.90	602.71	DIOR												
DIOR- White, grey, green in colour. Textural features similar as those of the diorite observed at 468.20 - 491.16 m (i.e., medium-grained size, moderate to strong augen-gneissic structure). Moderate chl-, act-, Na- alteration. No visible sulfide mineralization. Gradational lower contact with the tonalite.														
602.71	616.00	TON												
TON- Dominantly dark grey-white in colour. Fine- to medium-grained. Moderate to strong gneissic foliation throughout the unit. Weak to moderate Na-alteration and patchy (weak to moderate) K-alteration. No visible mineralization.														
616.00	618.76	DIKE-Intermediate												
DIKE - Intermediate. Fine-grained. Patchy K-alt.														
618.76	643.39	TON												
TON- Dominantly dark grey-white in colour. Fine- to medium-grained. Moderate to strong gneissic foliation. Weak to moderate Na-alteration and patchy (weak to moderate) K-alteration. Regular jointing between 625.20 and 626.00 m, with sericite filling joints. No visible mineralization.														
643.39	653.39	DIKE-Felsic												
DIKE - Felsic. Medium-grained.														
653.39	766.39	TON												
TON- Dominantly dark grey-white in colour. Overall, similar textural features as the tonalite observed at different depth levels from 602.71 m; i.e., a fine- to medium-grain size and a moderate to strong gneissic foliation. Weak to moderate Na-alteration and patchy (weak to moderate) K-alteration. Traces of pyrite.														
766.39	767.58	DIKE-Intermediate												
DIKE- Intermediate. Dominantly fine-grained														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
767.58	877.89	TON												
TON- Dominantly dark grey-white in colour. Similar textural features as the tonalite observed at different depth levels from 602.71 m. Poorly mineralized as well. Traces of pyrite. At 800- 837 m depth level, fine- to coarse-grain size pyrite blebs are often filling joints.														
877.89	879.06	DIKE-Mafic												
DIKE- Mafic. Fine-grained														
879.06	884.69	TON												
TON- Overall, similar textural features as the tonalite unit described above. Interlaced with sericite-filled joints in its lower contact (with the adjacent intermediate dike).														
884.69	885.83	DIKE-Intermediate												
DIKE- Intermediate. fine-grained.														
885.83	895.20	TON												
TON- Overall, similar textural features as the tonalite unit described above. Interlaced with sericite-filled joints in its upper contact (with the adjacent intermediate dike). Moderate to strong Na- and K-alteration. The alteration becomes pronounced near the Camp Lake Fault Zone. Numerous joints affect the unit as well at the vicinity of the Fault Zone.														
895.20	900.00	FAULT-CL												
FAULT- Camp Lake Fault. It is hosted in strongly altered tonalite and norite. It is defined among others by fault gouge, clay and fragmented rocks.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
900.00	1,069.57	NOR	HH21-109101	ASSAY	TB21347272	900.00	901.00	1.00	0.053	0.006	0.001	0.009	0.041	0.006
NOR- Green-white-grey in colour. Medium grained. Strongly chl- and act alteration around the Camp Lake Fault zone. Alteration becomes moderate when moving away from the fault.			HH21-109102	ASSAY	TB21347272	901.00	902.00	1.00	0.232	0.028	0.006	0.011	0.040	0.006
			HH21-109103	ASSAY	TB21347272	902.00	903.00	1.00	0.316	0.034	0.018	0.016	0.041	0.006
			HH21-109104	ASSAY	TB21347272	903.00	904.00	1.00	0.354	0.037	0.010	0.017	0.048	0.006
Sulfide mineralization, mostly pyrite and pyrrhotite than chalcopyrite, is visible between 922 and 929 m and in few spots from 950 to 1000 m, making up to 0.3 - 0.5% of the rock volume in those zones. There, sulfides appear either as disseminated fine grains or medium-grain size blebs. In few places within those mineralized areas, they are associated to 1 to 4 cm thick pulses of noritic to gabbroic composition cutting through the norite. The sulfides are also found along tiny shear zones (e.g., at 993.26 -993.58 m). The rest of the norite unit is poorly mineralized (usually trace to 0.1% diss. fg of sulfides). Small sulfide-rich gabbro-noritic pulses are still seen in few places (e.g., at 1032-1034 m and 1057.00-1057.50 m).			HH21-109105	ASSAY	TB21347272	904.00	905.00	1.00	0.186	0.031	0.009	0.010	0.043	0.006
			HH21-109106	ASSAY	TB21347272	905.00	906.00	1.00	0.178	0.030	0.013	0.009	0.041	0.006
			HH21-109107	ASSAY	TB21347272	906.00	907.00	1.00	0.205	0.033	0.011	0.009	0.043	0.007
			HH21-109108	ASSAY	TB21347272	907.00	908.00	1.00	0.252	0.037	0.014	0.010	0.041	0.006
			HH21-109109	ASSAY	TB21347272	908.00	909.00	1.00	0.362	0.053	0.071	0.012	0.043	0.006
			HH21-109110	ASSAY	TB21347272	909.00	910.00	1.00	0.556	0.075	0.032	0.013	0.048	0.007
			HH21-109111	ASSAY	TB21347272	910.00	911.00	1.00	2.330	0.245	0.156	0.054	0.085	0.007
			HH21-109113	ASSAY	TB21347272	911.00	912.00	1.00	0.511	0.072	0.056	0.024	0.057	0.007
			HH21-109114	ASSAY	TB21347272	912.00	913.00	1.00	0.151	0.021	0.029	0.016	0.050	0.007
			HH21-109115	ASSAY	TB21347272	913.00	914.00	1.00	0.617	0.104	0.051	0.028	0.055	0.007
			Evidence of ductile shearing deformation is common from 1011m to 1017m and between 1048 and 1056 m; felsic and mafic pulses in form of dikes and veins are visible at those depth levels too.			HH21-109116	ASSAY	TB21347272	914.00	915.00	1.00	0.341	0.056	0.060
HH21-109117	ASSAY	TB21347272				915.00	916.00	1.00	0.841	0.119	0.168	0.149	0.146	0.010
HH21-109118	ASSAY	TB21347272				916.00	917.00	1.00	0.840	0.092	0.116	0.091	0.106	0.008
HH21-109119	ASSAY	TB21347272				917.00	918.00	1.00	0.116	0.023	0.007	0.006	0.036	0.006
HH21-109120	ASSAY	TB21347272				918.00	919.00	1.00	0.146	0.027	0.007	0.006	0.039	0.006
HH21-109121	ASSAY	TB21347272				919.00	920.00	1.00	0.152	0.030	0.011	0.007	0.036	0.006
HH21-109122	ASSAY	TB21347272				920.00	921.00	1.00	0.193	0.035	0.010	0.007	0.041	0.007
HH21-109123	ASSAY	TB21347272				921.00	922.00	1.00	0.261	0.029	0.018	0.011	0.034	0.005
HH21-109124	ASSAY	TB21347272				922.00	923.00	1.00	2.650	0.185	0.438	0.087	0.142	0.011
HH21-109125	ASSAY	TB21347272				923.00	924.00	1.00	0.827	0.074	0.032	0.027	0.051	0.006
HH21-109126	ASSAY	TB21347272				924.00	925.00	1.00	0.713	0.093	0.055	0.021	0.055	0.007
HH21-109127	ASSAY	TB21347272				925.00	926.00	1.00	0.286	0.049	0.028	0.012	0.050	0.007
HH21-109128	ASSAY	TB21347272				926.00	927.00	1.00	2.760	0.307	0.245	0.080	0.098	0.008
HH21-109129	ASSAY	TB21347272				927.00	928.00	1.00	0.340	0.052	0.035	0.017	0.057	0.008
HH21-109130	ASSAY	TB21347272				928.00	929.00	1.00	2.140	0.218	0.176	0.095	0.102	0.009
HH21-109131	ASSAY	TB21347272				929.00	930.00	1.00	0.283	0.048	0.038	0.024	0.043	0.007
HH21-109132	ASSAY	TB21347272				930.00	931.00	1.00	0.114	0.023	0.005	0.003	0.039	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109133	ASSAY	TB21347272	931.00	932.00	1.00	0.192	0.034	0.015	0.009	0.047	0.007
			HH21-109135	ASSAY	TB21347272	932.00	933.00	1.00	0.152	0.031	0.020	0.011	0.048	0.007
			HH21-109136	ASSAY	TB21347272	933.00	934.00	1.00	0.137	0.027	0.014	0.008	0.046	0.007
			HH21-109137	ASSAY	TB21347272	934.00	935.00	1.00	0.160	0.028	0.012	0.008	0.045	0.007
			HH21-109138	ASSAY	TB21347272	935.00	936.00	1.00	0.126	0.024	0.014	0.010	0.046	0.007
			HH21-109140	ASSAY	TB21347272	936.00	937.00	1.00	0.181	0.030	0.012	0.008	0.045	0.007
			HH21-109141	ASSAY	TB21347272	937.00	938.00	1.00	0.258	0.041	0.024	0.013	0.047	0.007
			HH21-109142	ASSAY	TB21347272	938.00	939.00	1.00	0.230	0.039	0.020	0.011	0.048	0.007
			HH21-109143	ASSAY	TB21347272	939.00	940.00	1.00	0.128	0.027	0.012	0.008	0.045	0.007
			HH21-109144	ASSAY	TB21347272	940.00	941.00	1.00	0.151	0.028	0.012	0.008	0.045	0.007
			HH21-109145	ASSAY	TB21347272	941.00	942.00	1.00	0.120	0.028	0.008	0.007	0.040	0.006
			HH21-109146	ASSAY	TB21347272	942.00	943.00	1.00	0.174	0.032	0.010	0.008	0.045	0.007
			HH21-109147	ASSAY	TB21347272	943.00	944.00	1.00	0.136	0.024	0.009	0.008	0.043	0.007
			HH21-109148	ASSAY	TB21347272	944.00	945.00	1.00	0.126	0.028	0.012	0.008	0.045	0.007
			HH21-109149	ASSAY	TB21347272	945.00	946.00	1.00	0.234	0.036	0.022	0.009	0.045	0.007
			HH21-109150	ASSAY	TB21347272	946.00	947.00	1.00	0.151	0.029	0.011	0.008	0.043	0.007
			HH21-109151	ASSAY	TB21347272	947.00	948.00	1.00	0.160	0.030	0.010	0.008	0.041	0.006
			HH21-109152	ASSAY	TB21347272	948.00	949.00	1.00	0.138	0.030	0.009	0.008	0.043	0.007
			HH21-109153	ASSAY	TB21347272	949.00	950.00	1.00	0.156	0.026	0.010	0.008	0.041	0.006
			HH21-109154	ASSAY	TB21347272	950.00	951.00	1.00	0.148	0.028	0.010	0.009	0.042	0.006
			HH21-109155	ASSAY	TB21347272	951.00	952.00	1.00	2.760	0.292	0.250	0.117	0.111	0.010
			HH21-109156	ASSAY	TB21347272	952.00	953.00	1.00	1.885	0.184	0.243	0.074	0.112	0.008
			HH21-109157	ASSAY	TB21347272	953.00	954.00	1.00	0.339	0.036	0.031	0.030	0.060	0.008
			HH21-109158	ASSAY	TB21347272	954.00	955.00	1.00	0.142	0.014	0.015	0.026	0.048	0.008
			HH21-109159	ASSAY	TB21347272	955.00	956.00	1.00	0.116	0.010	0.021	0.027	0.044	0.008
			HH21-109161	ASSAY	TB21347272	956.00	957.00	1.00	1.370	0.120	0.106	0.068	0.076	0.008
			HH21-109162	ASSAY	TB21347272	957.00	958.00	1.00	0.097	0.011	0.019	0.031	0.052	0.008
			HH21-109163	ASSAY	TB21347272	958.00	959.00	1.00	0.018	0.003	0.007	0.015	0.041	0.007
			HH21-109164	ASSAY	TB21347272	959.00	960.00	1.00	0.004	0.003	0.005	0.012	0.044	0.008
			HH21-109165	ASSAY	TB21347272	960.00	961.00	1.00	0.002	0.003	0.005	0.013	0.042	0.007
			HH21-109166	ASSAY	TB21347272	961.00	962.00	1.00	0.004	0.003	0.013	0.013	0.024	0.004
			HH21-109167	ASSAY	TB21347272	962.00	963.00	1.00	0.032	0.003	0.005	0.020	0.049	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109168	ASSAY	TB21347272	963.00	964.00	1.00	0.004	0.003	0.009	0.033	0.059	0.008
			HH21-109169	ASSAY	TB21347272	964.00	965.00	1.00	0.329	0.011	0.026	0.040	0.055	0.008
			HH21-109170	ASSAY	TB21347272	965.00	966.00	1.00	0.068	0.006	0.016	0.031	0.055	0.008
			HH21-109172	ASSAY	TB21347272	966.00	967.00	1.00	0.709	0.073	0.063	0.047	0.073	0.008
			HH21-109173	ASSAY	TB21347272	967.00	968.00	1.00	0.388	0.036	0.038	0.030	0.058	0.008
			HH21-109174	ASSAY	TB21347272	968.00	969.00	1.00	1.615	0.168	0.143	0.061	0.081	0.009
			HH21-109176	ASSAY	TB21357025	969.00	970.00	1.00	1.660	0.169	0.129	0.061	0.078	0.009
			HH21-109177	ASSAY	TB21357025	970.00	971.00	1.00	0.107	0.014	0.010	0.024	0.048	0.008
			HH21-109178	ASSAY	TB21357025	971.00	972.00	1.00	0.196	0.021	0.020	0.033	0.063	0.008
			HH21-109179	ASSAY	TB21357025	972.00	973.00	1.00	1.515	0.148	0.057	0.043	0.099	0.008
			HH21-109180	ASSAY	TB21357025	973.00	974.00	1.00	0.333	0.036	0.026	0.025	0.057	0.008
			HH21-109181	ASSAY	TB21357025	974.00	975.00	1.00	0.019	0.003	0.004	0.010	0.041	0.008
			HH21-109182	ASSAY	TB21357025	975.00	976.00	1.00	0.008	0.003	0.001	0.009	0.039	0.008
			HH21-109183	ASSAY	TB21357025	976.00	977.00	1.00	0.032	0.003	0.007	0.012	0.040	0.007
			HH21-109184	ASSAY	TB21357025	977.00	978.00	1.00	0.005	0.003	0.010	0.011	0.042	0.007
			HH21-109185	ASSAY	TB21357025	978.00	979.00	1.00	0.340	0.038	0.044	0.035	0.053	0.008
			HH21-109187	ASSAY	TB21357025	979.00	980.00	1.00	0.903	0.096	0.077	0.038	0.066	0.009
			HH21-109188	ASSAY	TB21357025	980.00	981.00	1.00	0.008	0.003	0.002	0.011	0.040	0.008
			HH21-109189	ASSAY	TB21357025	981.00	982.00	1.00	0.011	0.003	0.004	0.012	0.039	0.008
			HH21-109190	ASSAY	TB21357025	982.00	983.00	1.00	0.006	0.003	0.001	0.009	0.039	0.008
			HH21-109191	ASSAY	TB21357025	983.00	984.00	1.00	0.002	0.003	0.003	0.009	0.037	0.007
			HH21-109192	ASSAY	TB21357025	984.00	985.00	1.00	0.184	0.027	0.027	0.027	0.046	0.008
			HH21-109193	ASSAY	TB21357025	985.00	986.25	1.25	0.210	0.008	0.011	0.065	0.022	0.005
			HH21-109194	ASSAY	TB21357025	986.25	987.00	0.75	0.144	0.010	0.016	0.023	0.046	0.008
			HH21-109195	ASSAY	TB21357025	987.00	988.00	1.00	0.059	0.011	0.024	0.025	0.054	0.008
			HH21-109196	ASSAY	TB21357025	988.00	989.00	1.00	0.224	0.024	0.033	0.029	0.058	0.008
			HH21-109197	ASSAY	TB21357025	989.00	990.00	1.00	0.175	0.023	0.030	0.043	0.060	0.009
			HH21-109198	ASSAY	TB21357025	990.00	991.00	1.00	0.066	0.008	0.013	0.019	0.047	0.009
			HH21-109199	ASSAY	TB21357025	991.00	992.00	1.00	0.166	0.022	0.015	0.023	0.053	0.009
			HH21-109200	ASSAY	TB21357025	992.00	992.97	0.97	0.071	0.009	0.009	0.019	0.043	0.007
			HH21-109201	ASSAY	TB21357025	992.97	994.00	1.03	0.423	0.043	0.055	0.079	0.069	0.007
			HH21-109202	ASSAY	TB21357025	994.00	995.00	1.00	0.162	0.022	0.036	0.043	0.063	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109203	ASSAY	TB21357025	995.00	996.00	1.00	0.105	0.012	0.022	0.030	0.050	0.008
			HH21-109204	ASSAY	TB21357025	996.00	997.00	1.00	0.214	0.026	0.036	0.037	0.060	0.009
			HH21-109205	ASSAY	TB21357025	997.00	998.00	1.00	0.025	0.003	0.012	0.021	0.052	0.008
			HH21-109206	ASSAY	TB21357025	998.00	999.00	1.00	0.116	0.016	0.025	0.029	0.058	0.009
			HH21-109207	ASSAY	TB21357025	999.00	1000.00	1.00	0.666	0.074	0.059	0.063	0.076	0.010
			HH21-109209	ASSAY	TB21357025	1000.00	1001.00	1.00	0.596	0.075	0.077	0.054	0.081	0.010
			HH21-109210	ASSAY	TB21357025	1001.00	1002.00	1.00	0.258	0.030	0.039	0.043	0.058	0.008
			HH21-109211	ASSAY	TB21357025	1002.00	1003.00	1.00	0.336	0.035	0.023	0.037	0.065	0.009
			HH21-109212	ASSAY	TB21357025	1003.00	1004.00	1.00	0.004	0.003	0.009	0.016	0.044	0.008
			HH21-109213	ASSAY	TB21357025	1004.00	1005.00	1.00	0.055	0.008	0.011	0.019	0.046	0.008
			HH21-109214	ASSAY	TB21357025	1005.00	1006.00	1.00	0.013	0.003	0.005	0.023	0.052	0.009
			HH21-109215	ASSAY	TB21357025	1006.00	1007.00	1.00	0.030	0.006	0.012	0.032	0.056	0.009
			HH21-109216	ASSAY	TB21357025	1007.00	1008.00	1.00	0.055	0.007	0.010	0.024	0.054	0.009
			HH21-109217	ASSAY	TB21357025	1008.00	1009.00	1.00	0.120	0.014	0.020	0.028	0.050	0.008
			HH21-109218	ASSAY	TB21357025	1009.00	1010.00	1.00	0.014	0.003	0.010	0.022	0.051	0.009
			HH21-109219	ASSAY	TB21357025	1010.00	1011.00	1.00	0.862	0.112	0.024	0.016	0.070	0.008
			HH21-109221	ASSAY	TB21357025	1011.00	1012.00	1.00	0.614	0.073	0.010	0.005	0.065	0.008
			HH21-109222	ASSAY	TB21357025	1012.00	1013.00	1.00	0.013	0.003	0.004	0.010	0.032	0.005
			HH21-109223	ASSAY	TB21357025	1013.00	1014.00	1.00	0.051	0.009	0.007	0.008	0.047	0.007
			HH21-109224	ASSAY	TB21357025	1014.00	1015.00	1.00	0.044	0.006	0.013	0.017	0.045	0.007
			HH21-109225	ASSAY	TB21357025	1015.00	1016.00	1.00	0.356	0.048	0.018	0.018	0.048	0.007
			HH21-109226	ASSAY	TB21357025	1016.00	1017.00	1.00	0.409	0.049	0.028	0.022	0.054	0.008
			HH21-109227	ASSAY	TB21357025	1017.00	1018.00	1.00	0.050	0.008	0.011	0.015	0.045	0.008
			HH21-109228	ASSAY	TB21357025	1018.00	1019.00	1.00	1.035	0.548	0.122	0.084	0.086	0.010
			HH21-109229	ASSAY	TB21357025	1019.00	1020.00	1.00	0.067	0.009	0.015	0.019	0.047	0.008
			HH21-109230	ASSAY	TB21357025	1020.00	1021.00	1.00	0.005	0.003	0.007	0.016	0.046	0.008
			HH21-109231	ASSAY	TB21357025	1021.00	1022.00	1.00	0.004	0.003	0.003	0.013	0.042	0.007
			HH21-109232	ASSAY	TB21357025	1022.00	1023.00	1.00	0.077	0.009	0.007	0.011	0.047	0.008
			HH21-109233	ASSAY	TB21357025	1023.00	1024.00	1.00	0.020	0.003	0.009	0.013	0.046	0.008
			HH21-109234	ASSAY	TB21357025	1024.00	1025.00	1.00	0.022	0.006	0.012	0.013	0.044	0.008
			HH21-109235	ASSAY	TB21357025	1025.00	1026.00	1.00	0.032	0.003	0.011	0.013	0.044	0.008
			HH21-109237	ASSAY	TB21357025	1026.00	1027.00	1.00	0.001	0.003	0.008	0.011	0.042	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109238	ASSAY	TB21357025	1027.00	1028.00	1.00	0.007	0.003	0.012	0.014	0.046	0.008
			HH21-109239	ASSAY	TB21357025	1028.00	1028.65	0.65	0.631	0.073	0.024	0.026	0.068	0.008
			HH21-109240	ASSAY	TB21357025	1028.65	1030.00	1.35	0.183	0.026	0.020	0.019	0.038	0.006
			HH21-109241	ASSAY	TB21357025	1030.00	1031.00	1.00	0.402	0.038	0.037	0.042	0.059	0.007
			HH21-109242	ASSAY	TB21357025	1031.00	1032.00	1.00	0.131	0.018	0.027	0.034	0.068	0.009
			HH21-109243	ASSAY	TB21357025	1032.00	1033.00	1.00	0.114	0.019	0.018	0.031	0.067	0.009
			HH21-109244	ASSAY	TB21357025	1033.00	1034.00	1.00	0.098	0.011	0.013	0.017	0.049	0.008
			HH21-109245	ASSAY	TB21357025	1034.00	1035.00	1.00	0.037	0.006	0.012	0.019	0.043	0.008
			HH21-109247	ASSAY	TB21357025	1035.00	1036.00	1.00	0.034	0.006	0.008	0.010	0.049	0.008
			HH21-109248	ASSAY	TB21357025	1036.00	1037.00	1.00	0.081	0.009	0.010	0.010	0.049	0.008
			HH21-109249	ASSAY	TB21357025	1037.00	1038.00	1.00	0.026	0.006	0.014	0.018	0.054	0.009
			HH21-109250	ASSAY	TB21357025	1038.00	1039.00	1.00	0.008	0.003	0.010	0.015	0.049	0.008
			HH21-109251	ASSAY	TB21357025	1039.00	1040.00	1.00	0.164	0.022	0.020	0.026	0.062	0.009
			HH21-109252	ASSAY	TB21357025	1040.00	1041.00	1.00	0.793	0.102	0.017	0.020	0.063	0.009
			HH21-109254	ASSAY	TB21356050	1041.00	1042.00	1.00	0.281	0.034	0.021	0.018	0.061	0.008
			HH21-109255	ASSAY	TB21356050	1042.00	1043.00	1.00	0.202	0.022	0.012	0.018	0.056	0.008
			HH21-109256	ASSAY	TB21356050	1043.00	1044.00	1.00	0.004	0.005	0.011	0.024	0.057	0.008
			HH21-109257	ASSAY	TB21356050	1044.00	1045.00	1.00	0.046	0.007	0.018	0.026	0.062	0.010
			HH21-109258	ASSAY	TB21356050	1045.00	1046.00	1.00	0.024	0.003	0.008	0.013	0.037	0.007
			HH21-109259	ASSAY	TB21356050	1046.00	1047.00	1.00	0.011	0.003	0.004	0.011	0.048	0.008
			HH21-109260	ASSAY	TB21356050	1047.00	1048.00	1.00	0.075	0.009	0.006	0.014	0.047	0.008
			HH21-109261	ASSAY	TB21356050	1048.00	1049.00	1.00	0.049	0.007	0.011	0.016	0.029	0.005
			HH21-109262	ASSAY	TB21356050	1049.00	1050.00	1.00	0.030	0.003	0.014	0.025	0.048	0.008
			HH21-109263	ASSAY	TB21356050	1050.00	1051.00	1.00	0.261	0.029	0.013	0.026	0.044	0.006
			HH21-109264	ASSAY	TB21356050	1051.00	1052.00	1.00	0.466	0.056	0.027	0.048	0.072	0.011
			HH21-109265	ASSAY	TB21356050	1052.00	1053.00	1.00	0.007	0.003	0.007	0.018	0.051	0.008
			HH21-109266	ASSAY	TB21356050	1053.00	1054.00	1.00	0.017	0.003	0.004	0.017	0.052	0.008
			HH21-109267	ASSAY	TB21356050	1054.00	1055.00	1.00	0.154	0.017	0.009	0.018	0.042	0.007
			HH21-109268	ASSAY	TB21356050	1055.00	1056.00	1.00	0.041	0.005	0.006	0.016	0.021	0.004
			HH21-109269	ASSAY	TB21356050	1056.00	1057.00	1.00	0.069	0.006	0.016	0.030	0.060	0.008
			HH21-109270	ASSAY	TB21356050	1057.00	1058.00	1.00	1.640	0.178	0.162	0.195	0.165	0.012
			HH21-109271	ASSAY	TB21356050	1058.00	1059.00	1.00	0.031	0.003	0.010	0.038	0.031	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109272	ASSAY	TB21356050	1059.00	1060.00	1.00	0.035	0.003	0.009	0.028	0.025	0.004
			HH21-109273	ASSAY	TB21356050	1060.00	1061.00	1.00	0.105	0.005	0.055	0.076	0.024	0.005
			HH21-109275	ASSAY	TB21356050	1061.00	1062.00	1.00	0.139	0.016	0.030	0.065	0.083	0.006
			HH21-109276	ASSAY	TB21356050	1062.00	1063.00	1.00	0.112	0.011	0.026	0.059	0.080	0.005
			HH21-109277	ASSAY	TB21356050	1063.00	1064.00	1.00	0.172	0.025	0.024	0.037	0.056	0.006
			HH21-109278	ASSAY	TB21356050	1064.00	1065.00	1.00	0.065	0.008	0.014	0.019	0.041	0.006
			HH21-109279	ASSAY	TB21356050	1065.00	1066.00	1.00	0.055	0.009	0.021	0.025	0.038	0.006
			HH21-109280	ASSAY	TB21356050	1066.00	1067.00	1.00	0.006	0.003	0.013	0.022	0.051	0.006
			HH21-109281	ASSAY	TB21356050	1067.00	1068.00	1.00	0.030	0.003	0.008	0.013	0.039	0.005
			HH21-109282	ASSAY	TB21356050	1068.00	1069.00	1.00	0.119	0.012	0.011	0.021	0.043	0.006
			HH21-109283	ASSAY	TB21356050	1069.00	1069.57	0.57	0.008	0.003	0.005	0.010	0.037	0.006
1,069.57	1,070.65	DIKE-Mafic	HH21-109284	ASSAY	TB21356050	1069.57	1070.65	1.08	0.063	0.013	0.011	0.017	0.026	0.005
		DIKE- Mafic. Fine-grained.												
1,070.65	1,087.09	GAB-Vt	HH21-109285	ASSAY	TB21356050	1070.65	1071.40	0.75	0.022	0.003	0.005	0.014	0.037	0.006
		GABVT	HH21-109286	ASSAY	TB22050324	1071.40	1072.00	0.60	0.111	0.013	0.003	0.013	0.043	0.006
		Grey, white, black, green. Fg to Cg. Fine grained section from 1083.95-1084.76m. Sharp to diffuse grain boundaries. Pyx:Plag 40:60 to 45:55. Trace fine grained disseminated py, cpy and po, up to 0.3% diss py, po, cpy from 1082-1086m. Moderate chl and act alt. Moderate Na alt. Sharp upper and gradational lower contacts.	HH21-109287	ASSAY	TB22050324	1072.00	1073.00	1.00	0.047	0.003	0.002	0.007	0.041	0.005
			HH21-109288	ASSAY	TB22050324	1073.00	1074.00	1.00	0.046	0.005	0.005	0.012	0.039	0.006
			HH21-109289	ASSAY	TB22050324	1074.00	1075.00	1.00	0.016	0.003	0.011	0.015	0.041	0.006
			HH21-109291	ASSAY	TB22050324	1075.00	1076.00	1.00	0.147	0.018	0.015	0.021	0.037	0.005
			HH21-109292	ASSAY	TB22050324	1076.00	1077.00	1.00	0.270	0.037	0.017	0.026	0.043	0.006
			HH21-109293	ASSAY	TB22050324	1077.00	1078.00	1.00	0.193	0.019	0.010	0.019	0.045	0.007
			HH21-109294	ASSAY	TB22050324	1078.00	1079.00	1.00	0.067	0.007	0.006	0.011	0.041	0.006
			HH21-109295	ASSAY	TB22050324	1079.00	1080.00	1.00	0.137	0.020	0.014	0.024	0.047	0.006
			HH21-109297	ASSAY	TB21356050	1080.00	1081.00	1.00	0.289	0.032	0.024	0.023	0.036	0.005
			HH21-109298	ASSAY	TB21356050	1081.00	1082.00	1.00	0.020	0.003	0.005	0.012	0.035	0.006
			HH21-109299	ASSAY	TB21356050	1082.00	1083.00	1.00	0.202	0.028	0.020	0.033	0.049	0.006
			HH21-109300	ASSAY	TB21356050	1083.00	1084.00	1.00	0.526	0.055	0.055	0.066	0.074	0.008
			HH21-109301	ASSAY	TB21356050	1084.00	1085.00	1.00	0.010	0.003	0.007	0.020	0.022	0.006
			HH21-109302	ASSAY	TB21356050	1085.00	1086.00	1.00	0.145	0.017	0.016	0.032	0.048	0.006
			HH21-109303	ASSAY	TB21356050	1086.00	1087.09	1.09	0.090	0.007	0.010	0.021	0.034	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,087.09	1,206.06	NOR	HH21-109304	ASSAY	TB21356050	1087.09	1088.00	0.91	0.023	0.003	0.006	0.013	0.034	0.007
		NOR	HH21-109305	ASSAY	TB21356050	1088.00	1089.00	1.00	0.067	0.006	0.007	0.014	0.034	0.006
		Grey, purple, white, green, black. Medium grained with Mg-Cg GABVT pulses/ clasts. Pyx:Plag 60:50. Overall, mineralization is trace disseminated though the most mineralization is observed within the GABVT clasts. This mineralization is disseminated to cg blebby po, py, and cpy. Weak to moderate chl and act alt. Gradational upper and lower contacts.	HH21-109306	ASSAY	TB21356050	1089.00	1090.00	1.00	0.029	0.003	0.004	0.011	0.033	0.006
			HH21-109307	ASSAY	TB21356050	1090.00	1091.00	1.00	0.002	0.003	0.005	0.014	0.034	0.006
			HH21-109308	ASSAY	TB21356050	1091.00	1092.00	1.00	0.308	0.034	0.042	0.043	0.056	0.007
			HH21-109309	ASSAY	TB21356050	1092.00	1093.00	1.00	0.014	0.003	0.004	0.012	0.032	0.006
			HH21-109310	ASSAY	TB21356050	1093.00	1094.00	1.00	1.145	0.129	0.063	0.145	0.127	0.010
		Larger GABVT pulses observed at 1113-1117m, 1122.5-1124.3m and 1127.20-1127.5m.	HH21-109311	ASSAY	TB21356050	1094.00	1095.00	1.00	0.337	0.095	0.030	0.042	0.055	0.007
		Fine grained intervals at 1125.83-1126.14m, 1127.96-1128.43m, 1155.82 - 1156.86m.	HH21-109312	ASSAY	TB21356050	1095.00	1096.00	1.00	0.019	0.003	0.004	0.009	0.035	0.006
			HH21-109313	ASSAY	TB21356050	1096.00	1097.00	1.00	0.011	0.003	0.004	0.008	0.031	0.006
			HH21-109314	ASSAY	TB21356050	1097.00	1098.00	1.00	0.003	0.003	0.004	0.008	0.032	0.006
			HH21-109316	ASSAY	TB21356050	1098.00	1099.00	1.00	0.030	0.003	0.004	0.010	0.030	0.006
			HH21-109317	ASSAY	TB21356050	1099.00	1100.00	1.00	0.009	0.003	0.004	0.011	0.033	0.006
			HH21-109318	ASSAY	TB21356050	1100.00	1101.00	1.00	0.002	0.003	0.003	0.009	0.032	0.006
			HH21-109319	ASSAY	TB21356050	1101.00	1102.00	1.00	0.199	0.027	0.005	0.011	0.036	0.006
			HH21-109320	ASSAY	TB21356050	1102.00	1103.00	1.00	0.002	0.003	0.002	0.010	0.032	0.006
			HH21-109321	ASSAY	TB21356050	1103.00	1104.00	1.00	0.012	0.003	0.003	0.032	0.055	0.006
			HH21-109323	ASSAY	TB21356050	1104.00	1105.00	1.00	0.004	0.003	0.003	0.020	0.044	0.006
			HH21-109324	ASSAY	TB21356050	1105.00	1106.00	1.00	0.001	0.003	0.001	0.011	0.036	0.006
			HH21-109325	ASSAY	TB21356050	1106.00	1107.00	1.00	0.001	0.003	0.001	0.008	0.033	0.006
			HH21-109326	ASSAY	TB21356050	1107.00	1108.00	1.00	0.001	0.003	0.001	0.008	0.034	0.006
			HH21-109327	ASSAY	TB21356050	1108.00	1109.00	1.00	0.001	0.003	0.001	0.008	0.034	0.006
			HH21-109328	ASSAY	TB21356050	1109.00	1110.00	1.00	0.008	0.003	0.002	0.008	0.034	0.006
			HH21-109329	ASSAY	TB21356050	1110.00	1111.00	1.00	0.003	0.003	0.001	0.007	0.035	0.006
			HH21-109330	ASSAY	TB21356050	1111.00	1112.00	1.00	0.001	0.003	0.001	0.008	0.033	0.006
			HH21-109332	ASSAY	TB22001407	1112.00	1113.00	1.00	0.003	0.003	0.001	0.009	0.035	0.006
			HH21-109333	ASSAY	TB22001407	1113.00	1114.00	1.00	0.028	0.003	0.003	0.013	0.034	0.006
			HH21-109334	ASSAY	TB22001407	1114.00	1115.00	1.00	0.007	0.003	0.003	0.015	0.036	0.006
			HH21-109335	ASSAY	TB22001407	1115.00	1116.00	1.00	0.065	0.010	0.011	0.021	0.023	0.006
			HH21-109336	ASSAY	TB22001407	1116.00	1117.00	1.00	0.024	0.003	0.011	0.014	0.035	0.006
			HH21-109337	ASSAY	TB22001407	1117.00	1118.00	1.00	0.003	0.003	0.006	0.008	0.037	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109338	ASSAY	TB22001407	1118.00	1119.00	1.00	0.001	0.003	0.001	0.008	0.035	0.006
			HH21-109339	ASSAY	TB22001407	1119.00	1120.00	1.00	0.003	0.003	0.002	0.011	0.037	0.006
			HH21-109340	ASSAY	TB22001407	1120.00	1121.00	1.00	0.023	0.003	0.003	0.009	0.035	0.006
			HH21-109341	ASSAY	TB22001407	1121.00	1122.00	1.00	0.026	0.003	0.004	0.007	0.036	0.006
			HH21-109342	ASSAY	TB22001407	1122.00	1123.00	1.00	0.090	0.013	0.019	0.046	0.052	0.007
			HH21-109343	ASSAY	TB22001407	1123.00	1124.00	1.00	0.076	0.007	0.015	0.040	0.050	0.007
			HH21-109344	ASSAY	TB22001407	1124.00	1125.00	1.00	0.004	0.003	0.002	0.012	0.036	0.006
			HH21-109345	ASSAY	TB22001407	1125.00	1126.00	1.00	0.002	0.003	0.002	0.005	0.032	0.005
			HH21-109346	ASSAY	TB22001407	1126.00	1127.00	1.00	0.010	0.003	0.014	0.035	0.051	0.007
			HH21-109347	ASSAY	TB22001407	1127.00	1128.00	1.00	0.184	0.022	0.022	0.048	0.059	0.007
			HH21-109348	ASSAY	TB22001407	1128.00	1129.00	1.00	0.277	0.030	0.010	0.027	0.057	0.007
			HH21-109349	ASSAY	TB22001407	1129.00	1130.00	1.00	0.028	0.003	0.006	0.013	0.037	0.006
			HH21-109351	ASSAY	TB22001407	1130.00	1131.00	1.00	0.004	0.003	0.005	0.012	0.042	0.007
			HH21-109352	ASSAY	TB22001407	1131.00	1132.00	1.00	0.133	0.022	0.013	0.032	0.064	0.008
			HH21-109353	ASSAY	TB22001407	1132.00	1133.00	1.00	0.024	0.003	0.005	0.013	0.049	0.008
			HH21-109354	ASSAY	TB22001407	1133.00	1134.00	1.00	0.133	0.014	0.021	0.018	0.053	0.008
			HH21-109355	ASSAY	TB22001407	1134.00	1135.00	1.00	0.004	0.003	0.001	0.008	0.045	0.008
			HH21-109356	ASSAY	TB22001407	1135.00	1136.00	1.00	0.009	0.003	0.001	0.008	0.046	0.008
			HH21-109358	ASSAY	TB22001407	1136.00	1137.00	1.00	0.005	0.003	0.013	0.024	0.043	0.008
			HH21-109359	ASSAY	TB22001407	1137.00	1138.00	1.00	0.002	0.003	0.001	0.008	0.047	0.008
			HH21-109360	ASSAY	TB22001407	1138.00	1139.00	1.00	0.012	0.003	0.002	0.009	0.049	0.008
			HH21-109361	ASSAY	TB22001407	1139.00	1140.00	1.00	0.005	0.003	0.002	0.010	0.048	0.008
			HH21-109362	ASSAY	TB22001407	1140.00	1141.00	1.00	0.003	0.003	0.003	0.013	0.029	0.007
			HH21-109363	ASSAY	TB22001407	1141.00	1142.00	1.00	0.001	0.003	0.001	0.006	0.045	0.008
			HH21-109364	ASSAY	TB22001407	1142.00	1143.00	1.00	0.006	0.003	0.002	0.008	0.044	0.008
			HH21-109365	ASSAY	TB22001407	1143.00	1144.00	1.00	0.005	0.003	0.002	0.009	0.045	0.008
			HH21-109366	ASSAY	TB22001407	1144.00	1145.00	1.00	0.001	0.003	0.002	0.006	0.045	0.008
			HH21-109367	ASSAY	TB22001407	1145.00	1146.00	1.00	0.058	0.005	0.005	0.013	0.046	0.008
			HH21-109368	ASSAY	TB22001407	1146.00	1147.00	1.00	0.018	0.003	0.006	0.009	0.042	0.007
			HH21-109369	ASSAY	TB22001407	1147.00	1148.00	1.00	0.067	0.007	0.002	0.008	0.047	0.008
			HH21-109370	ASSAY	TB22001407	1148.00	1149.00	1.00	0.002	0.003	0.003	0.010	0.044	0.007
			HH21-109371	ASSAY	TB22001407	1149.00	1150.00	1.00	0.018	0.003	0.002	0.010	0.046	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109372	ASSAY	TB22001407	1150.00	1151.00	1.00	0.001	0.003	0.001	0.008	0.048	0.008
			HH21-109373	ASSAY	TB22001407	1151.00	1152.00	1.00	0.003	0.003	0.003	0.006	0.050	0.008
			HH21-109374	ASSAY	TB22001407	1152.00	1153.00	1.00	0.399	0.044	0.017	0.035	0.069	0.009
			HH21-109375	ASSAY	TB22001407	1153.00	1154.00	1.00	0.036	0.003	0.009	0.013	0.052	0.008
			HH21-109376	ASSAY	TB22001407	1154.00	1155.00	1.00	0.020	0.003	0.004	0.011	0.047	0.007
			HH21-109378	ASSAY	TB22001407	1155.00	1155.82	0.82	0.261	0.025	0.016	0.045	0.072	0.009
			HH21-109379	ASSAY	TB22001407	1155.82	1157.00	1.18	0.128	0.010	0.013	0.030	0.032	0.005
			HH21-109380	ASSAY	TB22001407	1157.00	1158.00	1.00	0.817	0.102	0.018	0.051	0.094	0.009
			HH21-109381	ASSAY	TB22001407	1158.00	1159.00	1.00	0.009	0.003	0.005	0.010	0.044	0.006
			HH21-109382	ASSAY	TB22001407	1159.00	1160.00	1.00	0.012	0.003	0.001	0.010	0.045	0.007
			HH21-109383	ASSAY	TB22001407	1160.00	1161.00	1.00	0.004	0.003	0.007	0.017	0.049	0.007
			HH21-109384	ASSAY	TB22001407	1161.00	1162.00	1.00	0.146	0.032	0.016	0.022	0.055	0.007
			HH21-109385	ASSAY	TB22001407	1162.00	1163.00	1.00	0.003	0.003	0.003	0.014	0.047	0.007
			HH21-109387	ASSAY	TB22001407	1163.00	1164.00	1.00	0.009	0.003	0.004	0.021	0.053	0.008
			HH21-109388	ASSAY	TB22001407	1164.00	1165.00	1.00	0.030	0.007	0.008	0.021	0.051	0.007
			HH21-109389	ASSAY	TB22001407	1165.00	1166.00	1.00	0.057	0.009	0.008	0.016	0.045	0.007
			HH21-109390	ASSAY	TB22001407	1166.00	1167.00	1.00	1.600	0.182	0.108	0.102	0.119	0.010
			HH21-109391	ASSAY	TB22001407	1167.00	1168.00	1.00	0.064	0.008	0.035	0.015	0.049	0.007
			HH21-109392	ASSAY	TB22001407	1168.00	1169.00	1.00	0.003	0.003	0.008	0.019	0.047	0.008
			HH21-109393	ASSAY	TB22001407	1169.00	1170.00	1.00	0.694	0.073	0.044	0.043	0.073	0.008
			HH21-109394	ASSAY	TB22001407	1170.00	1171.00	1.00	0.669	0.077	0.055	0.038	0.070	0.008
			HH21-109395	ASSAY	TB22001407	1171.00	1172.00	1.00	0.173	0.016	0.014	0.016	0.053	0.007
			HH21-109396	ASSAY	TB22001407	1172.00	1173.00	1.00	0.007	0.003	0.004	0.011	0.049	0.008
			HH21-109397	ASSAY	TB22001407	1173.00	1174.00	1.00	0.005	0.005	0.005	0.021	0.050	0.008
			HH21-109398	ASSAY	TB22001407	1174.00	1175.00	1.00	0.002	0.003	0.005	0.014	0.048	0.008
			HH21-109399	ASSAY	TB22001407	1175.00	1176.00	1.00	0.002	0.003	0.003	0.013	0.047	0.008
			HH21-109401	ASSAY	TB22001407	1176.00	1177.00	1.00	0.002	0.003	0.009	0.009	0.049	0.008
			HH21-109402	ASSAY	TB22001407	1177.00	1178.00	1.00	0.002	0.003	0.003	0.012	0.050	0.008
			HH21-109403	ASSAY	TB22001407	1178.00	1179.00	1.00	0.035	0.005	0.003	0.008	0.051	0.008
			HH21-109404	ASSAY	TB22001407	1179.00	1180.00	1.00	0.002	0.003	0.003	0.010	0.050	0.008
			HH21-109405	ASSAY	TB22001407	1180.00	1181.00	1.00	0.003	0.003	0.003	0.012	0.051	0.008
			HH21-109406	ASSAY	TB22001407	1181.00	1182.00	1.00	0.028	0.003	0.003	0.012	0.049	0.008

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109407	ASSAY	TB22001407	1182.00	1183.00	1.00	0.008	0.003	0.003	0.010	0.046	0.008
			HH21-109408	ASSAY	TB22001407	1183.00	1184.00	1.00	0.215	0.024	0.008	0.032	0.055	0.009
			HH21-109410	ASSAY	TB22001408	1184.00	1185.00	1.00	0.003	0.003	0.002	0.011	0.049	0.008
			HH21-109411	ASSAY	TB22001408	1185.00	1186.00	1.00	0.001	0.003	0.001	0.011	0.050	0.008
			HH21-109412	ASSAY	TB22001408	1186.00	1187.00	1.00	0.001	0.003	0.001	0.010	0.049	0.008
			HH21-109413	ASSAY	TB22001408	1187.00	1188.00	1.00	0.002	0.003	0.003	0.008	0.034	0.006
			HH21-109414	ASSAY	TB22001408	1188.00	1189.00	1.00	0.002	0.003	0.001	0.012	0.049	0.008
			HH21-109415	ASSAY	TB22001408	1189.00	1190.00	1.00	0.003	0.003	0.002	0.012	0.049	0.008
			HH21-109416	ASSAY	TB22001408	1190.00	1191.00	1.00	0.026	0.003	0.002	0.011	0.050	0.008
			HH21-109417	ASSAY	TB22001408	1191.00	1192.00	1.00	0.003	0.003	0.001	0.011	0.048	0.008
			HH21-109418	ASSAY	TB22001408	1192.00	1193.00	1.00	0.007	0.003	0.014	0.009	0.048	0.008
			HH21-109419	ASSAY	TB22001408	1193.00	1194.00	1.00	0.004	0.003	0.001	0.007	0.052	0.008
			HH21-109420	ASSAY	TB22001408	1194.00	1195.00	1.00	0.003	0.003	0.001	0.010	0.051	0.008
			HH21-109421	ASSAY	TB22001408	1195.00	1196.00	1.00	0.001	0.003	0.001	0.007	0.044	0.007
			HH21-109422	ASSAY	TB22001408	1196.00	1197.00	1.00	0.001	0.003	0.001	0.009	0.045	0.007
			HH21-109423	ASSAY	TB22001408	1197.00	1198.00	1.00	0.001	0.003	0.001	0.010	0.048	0.008
			HH21-109424	ASSAY	TB22001408	1198.00	1199.00	1.00	0.085	0.009	0.004	0.019	0.054	0.008
			HH21-109425	ASSAY	TB22001408	1199.00	1200.00	1.00	0.002	0.003	0.003	0.016	0.052	0.008
			HH21-109427	ASSAY	TB22001408	1200.00	1201.00	1.00	0.004	0.003	0.003	0.021	0.057	0.008
			HH21-109428	ASSAY	TB22001408	1201.00	1202.00	1.00	0.007	0.003	0.003	0.018	0.054	0.008
			HH21-109429	ASSAY	TB22001408	1202.00	1203.00	1.00	0.003	0.003	0.002	0.016	0.051	0.008
			HH21-109430	ASSAY	TB22001408	1203.00	1204.00	1.00	0.095	0.013	0.013	0.029	0.061	0.008
			HH21-109431	ASSAY	TB22001408	1204.00	1205.00	1.00	0.059	0.009	0.012	0.038	0.053	0.006
			HH21-109433	ASSAY	TB22001408	1205.00	1206.06	1.06	0.003	0.003	0.004	0.015	0.046	0.007

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,206.06	1,223.27	GAB-Vt	HH21-109434	ASSAY	TB22001408	1206.06	1207.00	0.94	0.028	0.003	0.008	0.019	0.049	0.007
		GABVT- Grey, white, black, green. Vari-textural patterns defined among others by heterogeneity in grain size (Fg to Cg) and presence of deformed (elongated and broken) mafic clasts with resorbed margins (e.g., around 1210.05 - 1210.40 m and 1220.50 -1222.00m). Sulfide mineralization (py+po > cpy) mostly as interstitial material and only visible between 1214 and 1223 m within the mafic clasts and in 1 to 2 cm thick Mg to Cg veins of gabbroic composition. Moderate chl, act and Na alt. Gradational lower contact.	HH21-109435	ASSAY	TB22001408	1207.00	1208.00	1.00	0.005	0.003	0.004	0.011	0.041	0.007
			HH21-109436	ASSAY	TB22001408	1208.00	1209.00	1.00	0.013	0.003	0.005	0.012	0.041	0.006
			HH21-109437	ASSAY	TB22001408	1209.00	1210.00	1.00	0.006	0.003	0.004	0.011	0.033	0.005
			HH21-109438	ASSAY	TB22001408	1210.00	1211.00	1.00	0.011	0.003	0.009	0.020	0.046	0.007
			HH21-109439	ASSAY	TB22001408	1211.00	1212.00	1.00	0.009	0.003	0.019	0.032	0.058	0.008
			HH21-109440	ASSAY	TB22001408	1212.00	1213.00	1.00	0.011	0.003	0.003	0.013	0.038	0.006
			HH21-109441	ASSAY	TB22001408	1213.00	1214.00	1.00	0.034	0.003	0.004	0.014	0.049	0.008
			HH21-109442	ASSAY	TB22001408	1214.00	1215.00	1.00	0.006	0.003	0.005	0.013	0.048	0.007
			HH21-109443	ASSAY	TB22001408	1215.00	1216.00	1.00	0.551	0.047	0.043	0.050	0.075	0.009
			HH21-109444	ASSAY	TB22001408	1216.00	1217.00	1.00	1.725	0.190	0.198	0.129	0.111	0.010
			HH21-109445	ASSAY	TB22001408	1217.00	1218.00	1.00	0.339	0.023	0.050	0.040	0.064	0.007
			HH21-109446	ASSAY	TB22001408	1218.00	1219.00	1.00	0.125	0.013	0.006	0.009	0.038	0.005
			HH21-109447	ASSAY	TB22001408	1219.00	1220.00	1.00	0.124	0.011	0.040	0.034	0.043	0.005
			HH21-109448	ASSAY	TB22001408	1220.00	1221.00	1.00	0.962	0.122	0.084	0.091	0.084	0.008
			HH21-109449	ASSAY	TB22001408	1221.00	1222.00	1.00	4.290	0.668	0.413	0.263	0.236	0.017
		HH21-109450	ASSAY	TB22001408	1222.00	1223.27	1.27	0.123	0.014	0.031	0.033	0.038	0.006	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,223.27	1,258.14	NOR	HH21-109452	ASSAY	TB22001408	1223.27	1224.00	0.73	0.343	0.042	0.049	0.069	0.065	0.009
NOR- Grey, purple, green, black. Medium-grained. Weak to moderate chl and act alt. Poorly mineralized: Sulfide mineralization (py+cpy+po) visible near its upper margin (1229.00 - 1229.50 m interval) as disseminated fine- to medium-grains and as interstitial material; there the sulfide content is about 2%.			HH21-109453	ASSAY	TB22001408	1224.00	1225.00	1.00	0.003	0.003	0.003	0.013	0.049	0.008
			HH21-109454	ASSAY	TB22001408	1225.00	1226.00	1.00	0.002	0.003	0.003	0.013	0.049	0.008
			HH21-109455	ASSAY	TB22001408	1226.00	1227.00	1.00	0.002	0.003	0.001	0.011	0.052	0.008
			HH21-109456	ASSAY	TB22001408	1227.00	1228.00	1.00	0.002	0.003	0.003	0.011	0.052	0.008
			HH21-109457	ASSAY	TB22001408	1228.00	1229.00	1.00	0.094	0.003	0.013	0.029	0.067	0.009
			HH21-109458	ASSAY	TB22001408	1229.00	1230.00	1.00	0.667	0.072	0.051	0.089	0.100	0.010
			HH21-109459	ASSAY	TB22001408	1230.00	1231.00	1.00	0.048	0.003	0.011	0.020	0.057	0.009
			HH21-109461	ASSAY	TB22001408	1231.00	1232.00	1.00	0.005	0.003	0.009	0.018	0.057	0.009
			HH21-109462	ASSAY	TB22001408	1232.00	1233.00	1.00	0.003	0.003	0.004	0.013	0.051	0.008
			HH21-109463	ASSAY	TB22001408	1233.00	1234.00	1.00	0.002	0.003	0.002	0.013	0.052	0.008
			HH21-109464	ASSAY	TB22001408	1234.00	1235.00	1.00	0.002	0.003	0.005	0.010	0.051	0.008
			HH21-109465	ASSAY	TB22001408	1235.00	1236.00	1.00	0.029	0.003	0.001	0.013	0.050	0.008
			HH21-109466	ASSAY	TB22001408	1236.00	1237.00	1.00	0.001	0.003	0.003	0.013	0.050	0.007
			HH21-109467	ASSAY	TB22001408	1237.00	1238.00	1.00	0.002	0.003	0.018	0.019	0.049	0.007
			HH21-109468	ASSAY	TB22001408	1238.00	1239.00	1.00	0.002	0.003	0.001	0.010	0.053	0.008
			HH21-109469	ASSAY	TB22001408	1239.00	1240.00	1.00	0.032	0.003	0.005	0.015	0.056	0.008
			HH21-109470	ASSAY	TB22001408	1240.00	1241.00	1.00	0.004	0.003	0.001	0.014	0.055	0.008
			HH21-109471	ASSAY	TB22001408	1241.00	1242.00	1.00	0.002	0.003	0.001	0.013	0.054	0.008
			HH21-109472	ASSAY	TB22001408	1242.00	1243.00	1.00	0.003	0.003	0.002	0.026	0.051	0.008
			HH21-109473	ASSAY	TB22001408	1243.00	1244.00	1.00	0.003	0.003	0.001	0.017	0.055	0.008
			HH21-109474	ASSAY	TB22001408	1244.00	1245.00	1.00	0.006	0.003	0.001	0.013	0.052	0.008
			HH21-109475	ASSAY	TB22001408	1245.00	1246.00	1.00	0.001	0.003	0.001	0.014	0.054	0.008
			HH21-109477	ASSAY	TB22001408	1246.00	1247.00	1.00	0.001	0.003	0.001	0.013	0.052	0.008
HH21-109478	ASSAY	TB22001408	1247.00	1248.00	1.00	0.002	0.003	0.001	0.008	0.048	0.008			
HH21-109479	ASSAY	TB22001408	1248.00	1249.00	1.00	0.001	0.003	0.001	0.008	0.050	0.008			
HH21-109480	ASSAY	TB22001408	1249.00	1250.06	1.06	0.023	0.003	0.001	0.009	0.047	0.007			
HH21-109481	ASSAY	TB22001408	1250.06	1251.00	0.94	0.030	0.003	0.002	0.010	0.052	0.008			
HH21-109482	ASSAY	TB22001408	1251.00	1252.00	1.00	0.002	0.003	0.001	0.012	0.054	0.008			
HH21-109483	ASSAY	TB22001408	1252.00	1253.00	1.00	0.001	0.003	0.007	0.008	0.051	0.008			
HH21-109484	ASSAY	TB22001408	1253.00	1254.00	1.00	0.002	0.003	0.001	0.006	0.049	0.007			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109485	ASSAY	TB22001408	1254.00	1255.00	1.00	0.002	0.003	0.002	0.011	0.051	0.008
			HH21-109486	ASSAY	TB22001408	1255.00	1256.00	1.00	0.003	0.003	0.001	0.016	0.059	0.008
			HH21-109488	ASSAY	TB22001411	1256.00	1257.00	1.00	0.001	0.003	0.001	0.009	0.048	0.007
			HH21-109489	ASSAY	TB22001411	1257.00	1258.14	1.14	0.026	0.003	0.003	0.007	0.028	0.005
1,258.14	1,262.00	DIKE-Mafic												
		DIKE- Mafic. Fine-grained	HH21-109490	ASSAY	TB22001411	1258.14	1259.00	0.86	0.001	0.003	0.001	0.005	0.001	0.002
			HH21-109491	ASSAY	TB22001411	1259.00	1260.00	1.00	0.001	0.003	0.001	0.004	0.001	0.003
			HH21-109492	ASSAY	TB22001411	1260.00	1261.00	1.00	0.001	0.003	0.001	0.004	0.001	0.002
			HH21-109493	ASSAY	TB22001411	1261.00	1262.00	1.00	0.011	0.003	0.002	0.010	0.003	0.002

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,262.00	1,302.00	NOR	HH21-109494	ASSAY	TB22001411	1262.00	1263.00	1.00	0.006	0.003	0.006	0.022	0.066	0.006
NOR- Grey, purple, green, black. Medium-grained. Overall, weak to moderate chl and act alt. Very poorly mineralized except from 1292.73 to 1297.00 m where the sulfide content is around 1-2%, with sulfides (Cpy-py-po) often as disseminated fine- to medium-size grains. EOH			HH21-109495	ASSAY	TB22001411	1263.00	1264.00	1.00	0.096	0.012	0.005	0.014	0.056	0.008
			HH21-109496	ASSAY	TB22001411	1264.00	1265.00	1.00	0.025	0.003	0.002	0.012	0.057	0.008
			HH21-109497	ASSAY	TB22001411	1265.00	1266.00	1.00	0.002	0.003	0.002	0.007	0.040	0.006
			HH21-109498	ASSAY	TB22001411	1266.00	1267.00	1.00	0.002	0.003	0.001	0.004	0.023	0.003
			HH21-109499	ASSAY	TB22001411	1267.00	1268.00	1.00	0.074	0.007	0.003	0.008	0.051	0.007
			HH21-109500	ASSAY	TB22001411	1268.00	1269.00	1.00	0.011	0.003	0.002	0.010	0.054	0.008
			HH21-109501	ASSAY	TB22001411	1269.00	1270.00	1.00	0.001	0.003	0.008	0.017	0.054	0.007
			HH21-109502	ASSAY	TB22001411	1270.00	1271.00	1.00	0.004	0.003	0.009	0.022	0.073	0.008
			HH21-109503	ASSAY	TB22001411	1271.00	1272.00	1.00	0.040	0.003	0.005	0.013	0.057	0.008
			HH21-109504	ASSAY	TB22001411	1272.00	1273.50	1.50	0.020	0.003	0.004	0.011	0.027	0.004
			HH21-109505	ASSAY	TB22001411	1273.50	1274.00	0.50	0.002	0.003	0.002	0.008	0.055	0.008
			HH21-109507	ASSAY	TB22001411	1274.00	1275.00	1.00	0.001	0.003	0.001	0.008	0.055	0.008
			HH21-109508	ASSAY	TB22001411	1275.00	1276.00	1.00	0.001	0.003	0.001	0.008	0.056	0.008
			HH21-109509	ASSAY	TB22001411	1276.00	1277.00	1.00	0.005	0.003	0.001	0.006	0.054	0.008
			HH21-109510	ASSAY	TB22001411	1277.00	1278.00	1.00	0.001	0.003	0.001	0.006	0.054	0.008
			HH21-109511	ASSAY	TB22001411	1278.00	1279.00	1.00	0.001	0.003	0.002	0.008	0.057	0.008
			HH21-109513	ASSAY	TB22001411	1279.00	1280.00	1.00	0.001	0.003	0.001	0.009	0.055	0.008
			HH21-109514	ASSAY	TB22001411	1280.00	1281.00	1.00	0.001	0.003	0.001	0.007	0.056	0.008
			HH21-109515	ASSAY	TB22001411	1281.00	1282.00	1.00	0.002	0.003	0.001	0.007	0.057	0.008
			HH21-109516	ASSAY	TB22001411	1282.00	1283.00	1.00	0.002	0.003	0.003	0.008	0.053	0.007
			HH21-109517	ASSAY	TB22001411	1283.00	1284.00	1.00	0.001	0.003	0.001	0.008	0.057	0.008
			HH21-109518	ASSAY	TB22001411	1284.00	1285.00	1.00	0.002	0.003	0.004	0.013	0.066	0.009
			HH21-109519	ASSAY	TB22001411	1285.00	1286.00	1.00	0.014	0.003	0.019	0.094	0.166	0.011
			HH21-109520	ASSAY	TB22001411	1286.00	1287.00	1.00	0.010	0.005	0.014	0.056	0.111	0.008
			HH21-109521	ASSAY	TB22001411	1287.00	1288.00	1.00	0.001	0.003	0.003	0.011	0.061	0.008
			HH21-109522	ASSAY	TB22001411	1288.00	1289.00	1.00	0.002	0.003	0.008	0.020	0.067	0.008
HH21-109523	ASSAY	TB22001411	1289.00	1290.00	1.00	0.004	0.003	0.013	0.039	0.087	0.008			
HH21-109524	ASSAY	TB22001411	1290.00	1291.00	1.00	0.002	0.003	0.008	0.020	0.061	0.007			
HH21-109525	ASSAY	TB22001411	1291.00	1292.00	1.00	0.003	0.003	0.012	0.013	0.065	0.007			
HH21-109526	ASSAY	TB22001411	1292.00	1293.00	1.00	0.016	0.008	0.068	0.089	0.173	0.009			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109528	ASSAY	TB22001411	1293.00	1294.45	1.45	0.004	0.003	0.006	0.012	0.031	0.005
			HH21-109529	ASSAY	TB22001411	1294.45	1295.00	0.55	0.152	0.015	0.032	0.067	0.142	0.010
			HH21-109530	ASSAY	TB22001411	1295.00	1296.00	1.00	0.017	0.008	0.016	0.050	0.114	0.009
			HH21-109531	ASSAY	TB22001411	1296.00	1297.00	1.00	0.550	0.087	0.028	0.083	0.199	0.010
			HH21-109532	ASSAY	TB22001411	1297.00	1298.00	1.00	0.004	0.003	0.002	0.027	0.078	0.008
			HH21-109533	ASSAY	TB22001411	1298.00	1299.00	1.00	0.005	0.005	0.006	0.026	0.079	0.008
			HH21-109534	ASSAY	TB22001411	1299.00	1300.00	1.00	0.001	0.005	0.001	0.009	0.059	0.008
			HH21-109535	ASSAY	TB22001411	1300.00	1301.00	1.00	0.029	0.005	0.002	0.012	0.064	0.008
			HH21-109536	ASSAY	TB22001411	1301.00	1302.00	1.00	0.090	0.015	0.002	0.012	0.062	0.008

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	202.96	-58.91	EXSPRINT	O	
5.00	203.47	-58.59	EXSPRINT	O	
10.00	203.38	-58.51	EXSPRINT	O	
15.00	203.12	-58.37	EXSPRINT	O	
20.00	203.18	-58.36	EXSPRINT	O	
25.00	203.21	-58.34	EXSPRINT	O	
30.00	203.19	-58.29	EXSPRINT	O	
35.00	203.18	-58.26	EXSPRINT	O	
40.00	203.20	-58.31	EXSPRINT	O	
45.00	203.36	-58.37	EXSPRINT	O	
50.00	203.43	-58.46	EXSPRINT	O	
55.00	203.52	-58.53	EXSPRINT	O	
60.00	203.49	-58.57	EXSPRINT	O	
65.00	203.52	-58.56	EXSPRINT	O	
70.00	203.61	-58.55	EXSPRINT	O	
75.00	203.57	-58.58	EXSPRINT	O	
80.00	203.66	-58.57	EXSPRINT	O	
85.00	203.74	-58.53	EXSPRINT	O	
90.00	203.67	-58.55	EXSPRINT	O	
95.00	203.71	-58.55	EXSPRINT	O	
100.00	203.82	-58.51	EXSPRINT	O	
105.00	203.80	-58.47	EXSPRINT	O	
110.00	203.91	-58.45	EXSPRINT	O	
115.00	203.88	-58.47	EXSPRINT	O	
120.00	203.98	-58.48	EXSPRINT	O	
125.00	203.95	-58.46	EXSPRINT	O	
130.00	203.91	-58.46	EXSPRINT	O	
135.00	204.02	-58.45	EXSPRINT	O	
140.00	204.16	-58.41	EXSPRINT	O	
145.00	204.05	-58.42	EXSPRINT	O	
150.00	204.12	-58.44	EXSPRINT	O	
155.00	204.11	-58.43	EXSPRINT	O	
160.00	204.10	-58.44	EXSPRINT	O	
165.00	204.11	-58.44	EXSPRINT	O	
170.00	204.12	-58.40	EXSPRINT	O	
175.00	204.19	-58.37	EXSPRINT	O	
180.00	204.16	-58.33	EXSPRINT	O	

185.00	204.12	-58.39	EXSPRINT	O
190.00	204.27	-58.33	EXSPRINT	O
195.00	204.02	-58.38	EXSPRINT	O
200.00	204.05	-58.30	EXSPRINT	O
205.00	204.21	-58.25	EXSPRINT	O
210.00	204.14	-58.24	EXSPRINT	O
215.00	204.10	-58.24	EXSPRINT	O
220.00	204.18	-58.24	EXSPRINT	O
225.00	204.14	-58.31	EXSPRINT	O
230.00	204.19	-58.38	EXSPRINT	O
235.00	204.14	-58.41	EXSPRINT	O
240.00	204.11	-58.36	EXSPRINT	O
245.00	204.07	-58.45	EXSPRINT	O
250.00	203.98	-58.51	EXSPRINT	O
255.00	203.95	-58.52	EXSPRINT	O
260.00	204.17	-58.61	EXSPRINT	O
265.00	203.96	-58.59	EXSPRINT	O
270.00	204.14	-58.54	EXSPRINT	O
275.00	204.11	-58.55	EXSPRINT	O
280.00	204.25	-58.53	EXSPRINT	O
285.00	204.27	-58.53	EXSPRINT	O
290.00	204.33	-58.51	EXSPRINT	O
295.00	204.24	-58.52	EXSPRINT	O
300.00	204.31	-58.53	EXSPRINT	O
305.00	204.26	-58.49	EXSPRINT	O
310.00	204.27	-58.51	EXSPRINT	O
315.00	204.29	-58.49	EXSPRINT	O
320.00	204.30	-58.48	EXSPRINT	O
325.00	204.37	-58.48	EXSPRINT	O
330.00	204.37	-58.46	EXSPRINT	O
335.00	204.43	-58.45	EXSPRINT	O
340.00	204.46	-58.42	EXSPRINT	O
345.00	204.48	-58.41	EXSPRINT	O
350.00	204.49	-58.41	EXSPRINT	O
355.00	204.45	-58.42	EXSPRINT	O
360.00	204.47	-58.48	EXSPRINT	O
365.00	204.62	-58.87	EXSPRINT	O
370.00	204.84	-59.20	EXSPRINT	O
375.00	204.79	-59.22	EXSPRINT	O
380.00	204.89	-59.22	EXSPRINT	O

385.00	204.92	-59.24	EXSPRINT	O
390.00	204.96	-59.26	EXSPRINT	O
395.00	205.00	-59.28	EXSPRINT	O
400.00	205.03	-59.32	EXSPRINT	O
405.00	205.17	-59.36	EXSPRINT	O
410.00	205.11	-59.36	EXSPRINT	O
415.00	205.12	-59.44	EXSPRINT	O
420.00	205.14	-59.44	EXSPRINT	O
425.00	205.19	-59.49	EXSPRINT	O
430.00	205.23	-59.49	EXSPRINT	O
435.00	205.28	-59.54	EXSPRINT	O
440.00	205.36	-59.56	EXSPRINT	O
445.00	205.36	-59.57	EXSPRINT	O
450.00	205.44	-59.54	EXSPRINT	O
455.00	205.47	-59.56	EXSPRINT	O
460.00	205.63	-59.56	EXSPRINT	O
465.00	205.77	-59.60	EXSPRINT	O
470.00	205.87	-59.55	EXSPRINT	O
475.00	205.86	-59.56	EXSPRINT	O
480.00	205.94	-59.60	EXSPRINT	O
485.00	206.05	-59.53	EXSPRINT	O
490.00	205.97	-59.54	EXSPRINT	O
495.00	205.92	-59.55	EXSPRINT	O
500.00	205.84	-59.66	EXSPRINT	O
505.00	205.85	-59.64	EXSPRINT	O
510.00	205.90	-59.61	EXSPRINT	O
515.00	205.99	-59.60	EXSPRINT	O
520.00	206.05	-59.60	EXSPRINT	O
525.00	206.08	-59.58	EXSPRINT	O
530.00	206.15	-59.59	EXSPRINT	O
535.00	206.21	-59.60	EXSPRINT	O
540.00	206.49	-59.60	EXSPRINT	O
545.00	206.57	-59.70	EXSPRINT	O
550.00	206.68	-59.75	EXSPRINT	O
555.00	206.76	-59.79	EXSPRINT	O
560.00	206.79	-59.83	EXSPRINT	O
565.00	206.80	-59.85	EXSPRINT	O
570.00	206.86	-59.80	EXSPRINT	O
575.00	206.76	-59.80	EXSPRINT	O
580.00	206.85	-59.79	EXSPRINT	O

585.00	206.91	-59.74	EXSPRINT	O
590.00	206.91	-59.73	EXSPRINT	O
595.00	206.90	-59.69	EXSPRINT	O
600.00	207.01	-59.67	EXSPRINT	O
605.00	207.08	-59.79	EXSPRINT	O
610.00	207.09	-59.84	EXSPRINT	O
615.00	207.17	-60.00	EXSPRINT	O
620.00	207.55	-60.20	EXSPRINT	O
625.00	207.69	-60.28	EXSPRINT	O
630.00	207.81	-60.33	EXSPRINT	O
635.00	207.89	-60.32	EXSPRINT	O
640.00	208.09	-60.47	EXSPRINT	O
645.00	208.33	-60.68	EXSPRINT	O
650.00	208.48	-60.77	EXSPRINT	O
655.00	208.57	-60.81	EXSPRINT	O
660.00	208.73	-60.85	EXSPRINT	O
665.00	208.74	-60.86	EXSPRINT	O
670.00	208.85	-60.87	EXSPRINT	O
675.00	208.84	-60.85	EXSPRINT	O
680.00	208.86	-60.83	EXSPRINT	O
685.00	208.80	-60.81	EXSPRINT	O
690.00	208.88	-60.78	EXSPRINT	O
695.00	208.88	-60.74	EXSPRINT	O
700.00	208.90	-60.86	EXSPRINT	O
705.00	208.88	-60.89	EXSPRINT	O
710.00	208.84	-60.95	EXSPRINT	O
715.00	208.92	-61.02	EXSPRINT	O
720.00	208.97	-60.99	EXSPRINT	O
725.00	208.99	-61.07	EXSPRINT	O
730.00	209.04	-61.03	EXSPRINT	O
735.00	209.09	-61.19	EXSPRINT	O
740.00	209.44	-61.56	EXSPRINT	O
745.00	209.56	-61.57	EXSPRINT	O
750.00	209.64	-61.57	EXSPRINT	O
755.00	209.55	-61.64	EXSPRINT	O
760.00	209.55	-61.60	EXSPRINT	O
765.00	209.71	-61.55	EXSPRINT	O
770.00	210.04	-61.54	EXSPRINT	O
775.00	210.12	-61.52	EXSPRINT	O
780.00	210.42	-61.53	EXSPRINT	O

785.00	210.83	-61.44	EXSPRINT	O
790.00	211.06	-61.34	EXSPRINT	O
795.00	211.30	-61.25	EXSPRINT	O
800.00	211.20	-61.19	EXSPRINT	O
805.00	211.30	-61.10	EXSPRINT	O
810.00	211.52	-60.97	EXSPRINT	O
815.00	211.52	-60.95	EXSPRINT	O
820.00	211.62	-60.89	EXSPRINT	O
825.00	211.74	-60.88	EXSPRINT	O
830.00	211.97	-60.86	EXSPRINT	O
835.00	211.89	-60.86	EXSPRINT	O
840.00	212.20	-60.81	EXSPRINT	O
845.00	212.20	-60.85	EXSPRINT	O
850.00	212.23	-60.88	EXSPRINT	O
855.00	212.23	-60.79	EXSPRINT	O
860.00	212.32	-60.90	EXSPRINT	O
865.00	212.60	-60.93	EXSPRINT	O
870.00	212.77	-60.96	EXSPRINT	O
875.00	212.79	-61.00	EXSPRINT	O
880.00	212.74	-60.94	EXSPRINT	O
885.00	212.58	-60.62	EXSPRINT	O
890.00	212.34	-60.46	EXSPRINT	O
895.00	212.19	-60.47	EXSPRINT	O
900.00	212.29	-60.47	EXSPRINT	O
905.00	212.42	-60.32	EXSPRINT	O
910.00	212.51	-60.24	EXSPRINT	O
915.00	212.44	-60.14	EXSPRINT	O
920.00	212.50	-60.10	EXSPRINT	O
925.00	212.51	-60.08	EXSPRINT	O
930.00	212.55	-59.99	EXSPRINT	O
935.00	212.54	-59.93	EXSPRINT	O
940.00	212.62	-59.88	EXSPRINT	O
945.00	212.76	-59.83	EXSPRINT	O
950.00	212.70	-59.80	EXSPRINT	O
955.00	212.83	-59.75	EXSPRINT	O
960.00	212.89	-59.72	EXSPRINT	O
965.00	212.96	-59.69	EXSPRINT	O
970.00	212.90	-59.68	EXSPRINT	O
975.00	212.90	-59.67	EXSPRINT	O
980.00	212.86	-59.64	EXSPRINT	O

Hole Number: 21-705

Units: METRIC

985.00	212.85	-59.60	EXSPRINT	O
990.00	212.95	-59.56	EXSPRINT	O
995.00	213.05	-59.49	EXSPRINT	O
1000.00	213.13	-59.47	EXSPRINT	O
1005.00	213.09	-59.43	EXSPRINT	O
1010.00	213.07	-59.41	EXSPRINT	O
1015.00	213.26	-59.39	EXSPRINT	O
1020.00	213.30	-59.33	EXSPRINT	O
1025.00	213.30	-59.33	EXSPRINT	O
1030.00	213.29	-59.34	EXSPRINT	O
1035.00	213.29	-59.28	EXSPRINT	O
1040.00	213.33	-59.25	EXSPRINT	O
1045.00	213.31	-59.35	EXSPRINT	O
1050.00	213.37	-59.36	EXSPRINT	O
1055.00	213.47	-59.23	EXSPRINT	O
1060.00	213.51	-59.22	EXSPRINT	O
1065.00	213.54	-59.21	EXSPRINT	O
1070.00	213.54	-59.22	EXSPRINT	O
1075.00	213.62	-59.20	EXSPRINT	O
1080.00	213.63	-59.15	EXSPRINT	O
1085.00	213.53	-59.09	EXSPRINT	O
1090.00	213.60	-59.03	EXSPRINT	O
1095.00	213.68	-58.96	EXSPRINT	O
1100.00	213.64	-58.94	EXSPRINT	O
1105.00	213.74	-58.94	EXSPRINT	O
1110.00	213.75	-58.92	EXSPRINT	O
1115.00	213.74	-58.87	EXSPRINT	O
1120.00	213.79	-58.78	EXSPRINT	O
1125.00	213.86	-58.78	EXSPRINT	O
1130.00	213.77	-58.76	EXSPRINT	O
1135.00	213.83	-58.76	EXSPRINT	O
1140.00	213.97	-58.75	EXSPRINT	O
1145.00	214.07	-58.73	EXSPRINT	O
1150.00	214.18	-58.70	EXSPRINT	O
1155.00	214.26	-58.68	EXSPRINT	O
1160.00	214.32	-58.68	EXSPRINT	O
1165.00	214.33	-58.65	EXSPRINT	O
1170.00	214.29	-58.67	EXSPRINT	O
1175.00	214.32	-58.65	EXSPRINT	O
1180.00	214.46	-58.68	EXSPRINT	O

Hole Number: **21-705**

Units: **METRIC**

1185.00	214.53	-58.69	EXSPRINT	O
1190.00	214.51	-58.83	EXSPRINT	O
1195.00	214.41	-58.79	EXSPRINT	O
1200.00	214.54	-58.78	EXSPRINT	O
1205.00	214.55	-58.75	EXSPRINT	O
1210.00	214.58	-58.73	EXSPRINT	O
1215.00	214.57	-58.75	EXSPRINT	O
1220.00	214.57	-58.82	EXSPRINT	O
1225.00	214.61	-58.80	EXSPRINT	O
1230.00	214.64	-58.88	EXSPRINT	O
1235.00	214.75	-58.80	EXSPRINT	O
1240.00	214.71	-58.80	EXSPRINT	O
1245.00	214.83	-58.75	EXSPRINT	O
1250.00	214.71	-58.78	EXSPRINT	O
1255.00	214.70	-58.77	EXSPRINT	O
1260.00	214.54	-58.81	EXSPRINT	O
1265.00	213.87	-58.93	EXSPRINT	O
1270.00	213.50	-58.87	EXSPRINT	O
1275.00	213.57	-58.84	EXSPRINT	O
1280.00	213.53	-58.83	EXSPRINT	O
1285.00	213.58	-58.76	EXSPRINT	O
1290.00	213.69	-58.77	EXSPRINT	O
1295.00	213.62	-58.71	EXSPRINT	O



Detailed Log Report
Hole Number 21-706Z

Project Name:	LDI - Mine	Primary Coordinates Grid:	MINE:	Hole Status:	Completed
Project Code:	LDI MINE	North:	31,841.31	Length:	1,107.00
Location:		East:	31,885.61	Hole Size:	NQ
Start Date:	Dec 26, 2021	Elev:	-580.80	Hole Type:	DDH
Completed Date:	Jan 23, 2022	Collar Dip:	-57.40	Casing:	No
Contractor:	G4 Forage Drilling	Collar Az:	195.66	Cemented:	Yes
Core Storage:	Lac des Iles Minesite-cross piles	Destination Coordinates Grid:	UTM83-16	Collar Survey:	N
Units:	METRIC	North:	5,449,445.98	Plugged:	N
Start Log:	Jan 04, 2022	East:	309,248.74	Multishot Survey:	N
End Log:	Jan 25, 2022	Elev:	-580.80	Pulse EM Survey:	N
Logged By 1:	Victoria Currie	Claim:	252	EOH:	1,107.00
				Artesian Cond:	No
				Abandon Reason:	

Comments: Drill Hole: 21-706 was renamed to: 21-706Z through Fusion Client by kchovancak on 2022-01-24 07:20:40; 18m of steel is left at the bottom of the hole

Detailed Lithology

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd	Pt	Au	Cu	Co	Ni
									ppm	ppm	ppm	%	%	%
0.00	16.85	NOR												
<p>NOR - grey-black-green in colour, dominantly medium grained, diffuse grain boundaries, moderate chl-act alteration pervasively throughout. Short intervals of VT. Crosscut by felsic dikes/veins ranging in width from 2-10cm. Mafic dike from 15.05-15.31m. Mineralization consists of trace fg disseminated cpy+py.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
16.85	30.80	DIKE-Mafic												
<p>DIKE - black, mafic in composition, fine grained. No mineralization present. Sharp upper and lower contacts with NOR and GABVT. Sheared near upper contact. Intermediate whisps present throughout. Weak chl alteration pervasively throughout..</p>														
30.80	99.00	GAB-Vt												
<p>GABVT - grey-white-black-green in colour, variably fine to coarse grained, intermittent leucocratic sections, moderate chl-act alteration pervasively throughout the unit, weak K-alt near upper contact with mafic dike from 30.80-32.25m. Mineralization consists of 0.3-0.5% fg disseminated and fg-mg blebby py+cpy+po. Sharp upper contact with mafic dike. Gradational lower contact with NOR.</p>														
99.00	113.90	NOR												
<p>NOR - grey-black-green in colour, dominantly medium grained, diffuse grain boundaries, moderate chl-act alteration pervasively throughout. Short intervals of VT. Crosscut by felsic dikes/veins ranging in width from 2-10cm. Mineralization consists of fg diss and fg blebby cpy+py+po.</p>														
113.90	140.90	GAB-Vt												
<p>GABVT - grey-white-black-green in colour, variably fine to coarse grained, intermittent leucocratic sections, moderate chl-act alteration pervasively throughout the unit. Mineralization consists of 0.3% fg disseminated and fg-mg blebby cpy+py>po. Gradational upper and lower contacts with NOR.</p>														
140.90	193.73	NOR												
<p>NOR - grey-black-green in colour, dominantly medium grained, diffuse grain boundaries, moderate chl-act alteration pervasively throughout, intermittent intervals of strong chl-act alteration. Short intervals of VT within. Mineralization consists of trace fg diss and fg blebby cpy+py+po. Gradational upper and lower contacts with GABVT.</p>														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %	
193.73	239.00	GAB-Vt													
<p>GABVT - grey-white-black-green in colour, variably fine to coarse grained, intermittent leucocratic sections, moderate chl-act alteration pervasively throughout the unit. Mineralization consists of 0.3% fg disseminated and fg-mg blebby cpy+py>po. Gradational upper contact with NOR. Gradational lower contact with NOR.</p>															
239.00	251.52	NOR													
<p>NOR - grey-black-green in colour, dominantly medium grained, diffuse grain boundaries, moderate chl-act alteration pervasively throughout, intermittent intervals of strong chl-act alteration. Nil to trace mineralization. Gradational upper and lower contacts with GABVT.</p>															
251.52	320.37	GAB-Vt													
<p>GABVT - grey-white-black-green in colour, variably fine to coarse grained, intermittent leucocratic sections, moderate chl-act alteration pervasively throughout the unit and local selective weak ep alt. Mineralization consists of trace up to 1% local fg disseminated and fg-mg blebby cpy+py+po. Mixing with tonalitic fragments ~273-286m depth with shallow angles and along core axis. Gradational upper contact with NOR. Sharp lower contact with felsic dike.</p>			HH21-109566	ASSAY	TB22006231	301.84	303.00	1.16	0.056	0.003	0.006	0.020	0.028	0.004	
			HH21-109567	ASSAY	TB22006231	303.00	304.00	1.00	0.090	0.005	0.016	0.033	0.036	0.004	
			HH21-109568	ASSAY	TB22006231	304.00	305.00	1.00	0.020	0.006	0.010	0.024	0.036	0.005	
			HH21-109569	ASSAY	TB22006231	305.00	306.00	1.00	0.050	0.012	0.008	0.017	0.037	0.005	
			HH21-109570	ASSAY	TB22006231	306.00	307.00	1.00	0.757	0.049	0.018	0.083	0.100	0.007	
			HH21-109571	ASSAY	TB22006231	307.00	308.00	1.00	0.028	0.003	0.007	0.025	0.035	0.006	
			HH21-109572	ASSAY	TB22006231	308.00	309.00	1.00	0.057	0.017	0.010	0.035	0.038	0.006	
			HH21-109573	ASSAY	TB22006231	309.00	310.00	1.00	0.006	0.003	0.005	0.021	0.029	0.005	
			HH21-109574	ASSAY	TB22006231	310.00	311.00	1.00	0.005	0.003	0.002	0.017	0.022	0.004	
			HH21-109575	ASSAY	TB22006231	311.00	312.00	1.00	0.005	0.003	0.002	0.018	0.026	0.005	
			HH21-109576	ASSAY	TB22006231	312.00	313.00	1.00	0.004	0.003	0.003	0.016	0.033	0.006	
			HH21-109577	ASSAY	TB22006231	313.00	314.00	1.00	0.004	0.003	0.004	0.020	0.032	0.006	
			HH21-109578	ASSAY	TB22006231	314.00	315.00	1.00	0.010	0.003	0.006	0.021	0.048	0.006	
			HH21-109579	ASSAY	TB22006231	315.00	316.00	1.00	0.012	0.003	0.009	0.032	0.039	0.006	
			HH21-109581	ASSAY	TB22006231	316.00	317.00	1.00	0.015	0.003	0.004	0.013	0.030	0.005	
HH21-109582	ASSAY	TB22006231	317.00	318.00	1.00	0.006	0.003	0.007	0.023	0.029	0.005				
HH21-109583	ASSAY	TB22006231	318.00	319.00	1.00	0.009	0.003	0.002	0.016	0.037	0.007				
HH21-109584	ASSAY	TB22006231	319.00	320.37	1.37	0.007	0.003	0.003	0.017	0.023	0.004				

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
320.37	321.80	DIKE-Felsic	HH21-109585	ASSAY	TB22006231	320.37	321.80	1.43	0.286	0.003	0.002	0.014	0.018	0.001

FELSIC DIKE - White-pink-grey, medum-grained, plag-rich/crowded, weak k alt and sil alt. Trace py mineralization. Sharp lower contact.

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
321.80	392.05	GAB-Vt	HH21-109586	ASSAY	TB22006231	321.80	323.00	1.20	0.003	0.003	0.001	0.015	0.031	0.006
GABVT - grey-white-black-green in colour, variably fine to coarse grained, intermittent leucocratic sections, moderate chl-act alteration pervasively throughout the unit. Mineralization consists of trace local fg disseminated and up to 3% blebby cpy+py+po (376-389m depth). Occasional felsic dike and dikelets. Sharp upper contact with felsic dike. Sharp lower contact with mafic dike.			HH21-109587	ASSAY	TB22006231	323.00	324.00	1.00	0.005	0.003	0.005	0.021	0.029	0.006
			HH21-109588	ASSAY	TB22006231	324.00	325.00	1.00	0.007	0.003	0.004	0.016	0.030	0.006
			HH21-109589	ASSAY	TB22006231	325.00	326.00	1.00	0.004	0.003	0.001	0.013	0.030	0.005
			HH21-109590	ASSAY	TB22006231	326.00	327.00	1.00	0.005	0.003	0.005	0.027	0.043	0.006
			HH21-109591	ASSAY	TB22006231	327.00	328.00	1.00	0.004	0.003	0.003	0.018	0.032	0.005
			HH21-109592	ASSAY	TB22006231	328.00	329.00	1.00	0.006	0.003	0.002	0.019	0.030	0.005
			HH21-109593	ASSAY	TB22006231	329.00	330.00	1.00	0.005	0.003	0.007	0.021	0.030	0.006
			HH21-109594	ASSAY	TB22006231	330.00	331.00	1.00	0.006	0.003	0.003	0.022	0.040	0.007
			HH21-109595	ASSAY	TB22006231	331.00	332.00	1.00	0.005	0.003	0.003	0.015	0.030	0.006
			HH21-109596	ASSAY	TB22006231	332.00	333.00	1.00	0.009	0.003	0.004	0.018	0.038	0.006
			HH21-109597	ASSAY	TB22006231	333.00	334.00	1.00	0.003	0.003	0.002	0.011	0.034	0.006
			HH21-109598	ASSAY	TB22006231	334.00	335.00	1.00	0.002	0.003	0.003	0.011	0.029	0.006
			HH21-109599	ASSAY	TB22006231	335.00	336.00	1.00	0.003	0.003	0.002	0.015	0.031	0.006
			HH21-109600	ASSAY	TB22006231	336.00	337.00	1.00	0.003	0.003	0.004	0.023	0.044	0.007
			HH21-109601	ASSAY	TB22006231	337.00	338.00	1.00	0.001	0.003	0.003	0.014	0.040	0.007
			HH21-109603	ASSAY	TB22006231	338.00	339.00	1.00	0.004	0.003	0.003	0.013	0.029	0.005
			HH21-109604	ASSAY	TB22006231	339.00	340.00	1.00	0.108	0.007	0.008	0.019	0.032	0.006
			HH21-109605	ASSAY	TB22006231	340.00	341.00	1.00	0.228	0.017	0.002	0.010	0.029	0.005
HH21-109606	ASSAY	TB22006231	341.00	342.00	1.00	0.042	0.015	0.002	0.011	0.013	0.004			
HH21-109607	ASSAY	TB22006231	342.00	343.00	1.00	0.061	0.019	0.007	0.017	0.021	0.004			
HH21-109608	ASSAY	TB22006231	343.00	344.00	1.00	0.079	0.017	0.012	0.018	0.020	0.004			
HH21-109609	ASSAY	TB22006231	344.00	345.00	1.00	0.033	0.010	0.008	0.022	0.022	0.005			
HH21-109610	ASSAY	TB22006231	345.00	346.00	1.00	0.006	0.003	0.010	0.021	0.028	0.005			
HH21-109611	ASSAY	TB22006231	346.00	347.00	1.00	0.079	0.010	0.006	0.016	0.025	0.005			
HH21-109612	ASSAY	TB22006231	347.00	348.00	1.00	0.035	0.010	0.015	0.016	0.026	0.005			
HH21-109613	ASSAY	TB22006231	348.00	349.00	1.00	0.273	0.090	0.018	0.022	0.034	0.005			
HH21-109614	ASSAY	TB22006231	349.00	350.00	1.00	0.115	0.023	0.024	0.023	0.035	0.005			
HH21-109616	ASSAY	TB22006231	350.00	351.00	1.00	0.133	0.022	0.017	0.013	0.029	0.005			
HH21-109617	ASSAY	TB22006231	351.00	352.00	1.00	0.281	0.084	0.021	0.014	0.029	0.005			
HH21-109618	ASSAY	TB22006231	352.00	353.00	1.00	0.390	0.121	0.030	0.019	0.033	0.005			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109619	ASSAY	TB22006231	353.00	354.00	1.00	0.697	0.199	0.028	0.015	0.035	0.005
			HH21-109620	ASSAY	TB22006231	354.00	355.00	1.00	0.361	0.114	0.027	0.016	0.031	0.005
			HH21-109622	ASSAY	TB22006231	355.00	356.00	1.00	0.442	0.168	0.018	0.014	0.029	0.006
			HH21-109623	ASSAY	TB22006231	356.00	357.00	1.00	0.493	0.167	0.037	0.022	0.035	0.006
			HH21-109624	ASSAY	TB22006231	357.00	358.00	1.00	0.790	0.069	0.076	0.039	0.054	0.005
			HH21-109625	ASSAY	TB22006231	358.00	359.00	1.00	0.252	0.023	0.068	0.036	0.034	0.005
			HH21-109626	ASSAY	TB22006231	359.00	360.00	1.00	0.016	0.003	0.005	0.014	0.025	0.005
			HH21-109627	ASSAY	TB22006231	360.00	361.00	1.00	0.092	0.011	0.013	0.030	0.037	0.006
			HH21-109628	ASSAY	TB22006231	361.00	362.00	1.00	0.057	0.010	0.014	0.032	0.039	0.006
			HH21-109629	ASSAY	TB22006231	362.00	363.00	1.00	0.201	0.020	0.023	0.033	0.036	0.005
			HH21-109630	ASSAY	TB22006231	363.00	364.00	1.00	0.551	0.061	0.042	0.055	0.074	0.006
			HH21-109632	ASSAY	TB22006231	364.00	365.00	1.00	0.366	0.053	0.013	0.026	0.043	0.005
			HH21-109633	ASSAY	TB22006231	365.00	366.00	1.00	1.160	0.130	0.080	0.072	0.099	0.007
			HH21-109634	ASSAY	TB22006231	366.00	367.00	1.00	0.052	0.015	0.010	0.015	0.034	0.006
			HH21-109635	ASSAY	TB22006231	367.00	368.00	1.00	0.107	0.016	0.016	0.016	0.037	0.005
			HH21-109636	ASSAY	TB22006231	368.00	369.00	1.00	0.383	0.065	0.021	0.014	0.044	0.007
			HH21-109637	ASSAY	TB22006231	369.00	370.00	1.00	0.107	0.020	0.022	0.021	0.045	0.007
			HH21-109638	ASSAY	TB22006231	370.00	371.00	1.00	0.891	0.153	0.088	0.026	0.048	0.004
			HH21-109639	ASSAY	TB22006231	371.00	372.00	1.00	0.873	0.080	0.068	0.030	0.043	0.005
			HH21-109640	ASSAY	TB22006231	372.00	373.00	1.00	0.400	0.030	0.019	0.012	0.042	0.004
			HH21-109641	ASSAY	TB22006231	373.00	374.00	1.00	0.458	0.042	0.036	0.023	0.037	0.004
			HH21-109642	ASSAY	TB22006231	374.00	375.00	1.00	0.092	0.014	0.029	0.013	0.032	0.004
			HH21-109644	ASSAY	TB22017843	375.00	376.00	1.00	0.193	0.022	0.024	0.015	0.033	0.004
			HH21-109645	ASSAY	TB22017843	376.00	377.00	1.00	4.520	0.375	0.436	0.227	0.166	0.008
			HH21-109646	ASSAY	TB22017843	377.00	378.00	1.00	3.500	0.388	0.451	0.235	0.139	0.007
			HH21-109647	ASSAY	TB22017843	378.00	379.00	1.00	2.100	0.133	0.289	0.101	0.082	0.005
			HH21-109648	ASSAY	TB22017843	379.00	380.00	1.00	3.410	0.290	0.181	0.127	0.151	0.008
			HH21-109649	ASSAY	TB22017843	380.00	381.00	1.00	11.450	0.590	0.370	0.263	0.637	0.022
			HH21-109650	ASSAY	TB22017843	381.00	382.00	1.00	4.160	0.281	0.338	0.398	0.219	0.009
			HH21-109651	ASSAY	TB22017843	382.00	383.00	1.00	3.170	0.233	0.280	0.272	0.183	0.008
			HH21-109652	ASSAY	TB22017843	383.00	384.00	1.00	7.970	0.775	0.348	0.254	0.540	0.016
			HH21-109653	ASSAY	TB22017843	384.00	385.00	1.00	4.800	0.252	0.377	0.465	0.248	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109654	ASSAY	TB22017843	385.00	386.00	1.00	6.680	1.125	0.347	0.310	0.339	0.012
			HH21-109655	ASSAY	TB22017843	386.00	387.00	1.00	0.104	0.018	0.025	0.019	0.044	0.006
			HH21-109656	ASSAY	TB22017843	387.00	388.00	1.00	0.079	0.016	0.016	0.012	0.041	0.006
			HH21-109657	ASSAY	TB22017843	388.00	389.00	1.00	2.290	0.149	0.158	0.112	0.110	0.005
			HH21-109658	ASSAY	TB22017843	389.00	390.00	1.00	0.662	0.050	0.089	0.050	0.067	0.007
			HH21-109659	ASSAY	TB22017843	390.00	391.00	1.00	0.127	0.020	0.015	0.012	0.052	0.007
			HH21-109660	ASSAY	TB22017843	391.00	392.05	1.05	0.182	0.027	0.033	0.030	0.059	0.006
392.05	394.05	DIKE-Mafic												
			HH21-109661	ASSAY	TB22017843	392.05	393.00	0.95	0.014	0.003	0.002	0.012	0.005	0.003
		MAFIC DIKE - black, aphanitic. Somewhat plag phyric in first 30cm. Sharp lower contact.	HH21-109662	ASSAY	TB22017843	393.00	394.05	1.05	0.006	0.003	0.001	0.005	0.003	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
394.05	462.52	NOR	HH21-109663	ASSAY	TB22017843	394.05	395.00	0.95	0.081	0.017	0.014	0.009	0.039	0.006
NOR - grey-purple-green in colour, dominantly medium grained, diffuse grain boundaries, moderate chl-act alteration pervasively throughout, intermittent intervals of strong chl-act alteration. Locally appears gabbroic. Nil to trace mineralization. Occasional felsic dike and dikelets. Sharp upper contact with mafic dike, gradational lower contact with gabvt.			HH21-109665	ASSAY	TB22017843	395.00	396.00	1.00	0.241	0.029	0.035	0.020	0.060	0.007
			HH21-109666	ASSAY	TB22017843	396.00	397.00	1.00	0.071	0.014	0.011	0.008	0.037	0.006
			HH21-109667	ASSAY	TB22017843	397.00	398.00	1.00	0.059	0.016	0.010	0.008	0.040	0.006
			HH21-109668	ASSAY	TB22017843	398.00	399.00	1.00	0.133	0.023	0.017	0.011	0.054	0.007
			HH21-109669	ASSAY	TB22017843	399.00	400.00	1.00	0.135	0.022	0.017	0.010	0.052	0.007
			HH21-109670	ASSAY	TB22017843	400.00	401.00	1.00	0.225	0.031	0.023	0.022	0.070	0.008
			HH21-109671	ASSAY	TB22017843	401.00	402.00	1.00	0.249	0.032	0.041	0.040	0.076	0.008
			HH21-109672	ASSAY	TB22017843	402.00	403.00	1.00	0.505	0.060	0.054	0.069	0.114	0.010
			HH21-109673	ASSAY	TB22017843	403.00	404.00	1.00	0.203	0.023	0.014	0.012	0.038	0.004
			HH21-109674	ASSAY	TB22017843	404.00	405.00	1.00	0.129	0.023	0.011	0.010	0.050	0.007
			HH21-109675	ASSAY	TB22017843	405.00	406.00	1.00	0.251	0.032	0.019	0.018	0.052	0.006
			HH21-109677	ASSAY	TB22017843	406.00	407.00	1.00	0.201	0.025	0.018	0.017	0.051	0.007
			HH21-109678	ASSAY	TB22017843	407.00	408.00	1.00	0.259	0.021	0.018	0.014	0.048	0.005
			HH21-109679	ASSAY	TB22017843	408.00	409.00	1.00	0.236	0.020	0.007	0.005	0.059	0.008
			HH21-109680	ASSAY	TB22017843	409.00	410.00	1.00	0.248	0.022	0.012	0.009	0.058	0.007
			HH21-109681	ASSAY	TB22017843	410.00	411.00	1.00	0.226	0.034	0.019	0.011	0.059	0.008
			HH21-109683	ASSAY	TB22017843	411.00	412.00	1.00	0.068	0.019	0.014	0.009	0.031	0.004
			HH21-109684	ASSAY	TB22017843	412.00	413.00	1.00	0.029	0.011	0.004	0.005	0.029	0.005
			HH21-109685	ASSAY	TB22017843	413.00	414.00	1.00	0.031	0.010	0.007	0.005	0.033	0.005
			HH21-109686	ASSAY	TB22017843	414.00	415.00	1.00	0.046	0.012	0.008	0.005	0.033	0.005
HH21-109687	ASSAY	TB22017843	415.00	416.00	1.00	0.071	0.023	0.006	0.005	0.038	0.005			
HH21-109688	ASSAY	TB22017843	416.00	417.00	1.00	0.061	0.021	0.007	0.006	0.036	0.005			
HH21-109689	ASSAY	TB22017843	417.00	418.00	1.00	0.095	0.021	0.010	0.007	0.038	0.005			
HH21-109690	ASSAY	TB22017843	418.00	419.00	1.00	0.098	0.028	0.013	0.008	0.038	0.005			
HH21-109691	ASSAY	TB22017843	419.00	420.00	1.00	0.068	0.024	0.009	0.005	0.036	0.005			
HH21-109692	ASSAY	TB22017843	420.00	421.00	1.00	0.054	0.018	0.005	0.004	0.034	0.005			
HH21-109693	ASSAY	TB22017843	421.00	422.00	1.00	0.040	0.010	0.006	0.005	0.031	0.004			
HH21-109695	ASSAY	TB22017843	422.00	423.00	1.00	0.051	0.012	0.007	0.005	0.028	0.004			
HH21-109696	ASSAY	TB22017843	423.00	424.00	1.00	0.044	0.012	0.006	0.004	0.030	0.004			
HH21-109697	ASSAY	TB22017843	424.00	425.00	1.00	0.037	0.011	0.006	0.004	0.027	0.004			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			HH21-109698	ASSAY	TB22017843	425.00	426.00	1.00	0.034	0.019	0.006	0.005	0.027	0.004
			HH21-109699	ASSAY	TB22017843	426.00	427.00	1.00	0.045	0.011	0.007	0.006	0.030	0.004
			HH21-109700	ASSAY	TB22017843	427.00	428.00	1.00	0.043	0.015	0.006	0.006	0.029	0.004
			HH21-109701	ASSAY	TB22017843	428.00	429.00	1.00	0.082	0.018	0.006	0.006	0.032	0.005
			HH21-109702	ASSAY	TB22017843	429.00	430.00	1.00	0.076	0.022	0.006	0.006	0.028	0.004
			HH21-109703	ASSAY	TB22017843	430.00	431.00	1.00	0.069	0.020	0.006	0.006	0.029	0.004
			HH21-109704	ASSAY	TB22017843	431.00	432.00	1.00	0.110	0.022	0.008	0.008	0.034	0.005
			HH21-109705	ASSAY	TB22017843	432.00	433.00	1.00	0.104	0.021	0.007	0.006	0.032	0.005
			HH21-109706	ASSAY	TB22017843	433.00	434.00	1.00	0.084	0.018	0.009	0.006	0.030	0.004
			HH21-109708	ASSAY	TB22017843	434.00	435.00	1.00	0.054	0.015	0.008	0.005	0.026	0.004
			HH21-109709	ASSAY	TB22017843	435.00	436.00	1.00	0.070	0.022	0.007	0.007	0.029	0.004
			HH21-109710	ASSAY	TB22017843	436.00	437.00	1.00	0.060	0.023	0.007	0.007	0.030	0.004
			HH21-109711	ASSAY	TB22017843	437.00	438.00	1.00	0.062	0.018	0.010	0.005	0.025	0.004
			HH21-109712	ASSAY	TB22017843	438.00	439.00	1.00	0.097	0.023	0.005	0.007	0.035	0.005
			HH21-109713	ASSAY	TB22017843	439.00	440.00	1.00	0.099	0.024	0.008	0.006	0.031	0.004
			HH21-109714	ASSAY	TB22017843	440.00	441.00	1.00	0.025	0.011	0.011	0.009	0.024	0.005
			HH21-109715	ASSAY	TB22017843	441.00	442.00	1.00	0.097	0.037	0.007	0.006	0.034	0.006
			HH21-109716	ASSAY	TB22017843	442.00	443.00	1.00	0.132	0.053	0.010	0.006	0.038	0.006
			HH21-109717	ASSAY	TB22017843	443.00	444.00	1.00	0.130	0.049	0.007	0.006	0.039	0.006
			HH21-109718	ASSAY	TB22017843	444.00	445.00	1.00	0.136	0.050	0.007	0.007	0.041	0.006
			HH21-109719	ASSAY	TB22017843	445.00	446.00	1.00	0.150	0.043	0.006	0.007	0.042	0.006
			HH21-109720	ASSAY	TB22017843	446.00	447.00	1.00	0.071	0.026	0.004	0.004	0.035	0.005
			WW22-100002	ASSAY	TB22017844	447.00	448.00	1.00	0.073	0.020	0.011	0.007	0.038	0.006
			WW22-100003	ASSAY	TB22017844	448.00	449.00	1.00	0.073	0.018	0.009	0.007	0.039	0.006
			WW22-100004	ASSAY	TB22017844	449.00	450.00	1.00	0.045	0.016	0.012	0.011	0.033	0.005
			WW22-100005	ASSAY	TB22017844	450.00	451.00	1.00	0.078	0.023	0.009	0.007	0.028	0.004
			WW22-100006	ASSAY	TB22017844	451.00	452.00	1.00	0.112	0.031	0.016	0.008	0.034	0.005
			WW22-100007	ASSAY	TB22017844	452.00	453.00	1.00	0.132	0.033	0.013	0.008	0.033	0.005
			WW22-100008	ASSAY	TB22017844	453.00	454.00	1.00	0.154	0.043	0.017	0.009	0.036	0.006
			WW22-100009	ASSAY	TB22017844	454.00	455.00	1.00	0.154	0.044	0.008	0.010	0.042	0.007
			WW22-100011	ASSAY	TB22017844	455.00	456.00	1.00	0.161	0.039	0.010	0.009	0.045	0.007
			WW22-100012	ASSAY	TB22017844	456.00	457.00	1.00	0.178	0.045	0.008	0.008	0.044	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100013	ASSAY	TB22017844	457.00	458.00	1.00	0.213	0.061	0.007	0.009	0.044	0.007
			WW22-100014	ASSAY	TB22017844	458.00	459.00	1.00	0.194	0.057	0.007	0.008	0.045	0.007
			WW22-100015	ASSAY	TB22017844	459.00	460.00	1.00	0.176	0.050	0.006	0.009	0.041	0.006
			WW22-100016	ASSAY	TB22017844	460.00	461.20	1.20	0.169	0.062	0.008	0.008	0.036	0.006
			WW22-100017	ASSAY	TB22017844	461.20	462.52	1.32	0.143	0.060	0.010	0.009	0.035	0.005

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
462.52	502.77	GAB-Vt	WW22-100018	ASSAY	TB22017844	462.52	464.00	1.48	0.331	0.063	0.019	0.011	0.036	0.005
		GABVT	WW22-100019	ASSAY	TB22017844	464.00	465.00	1.00	0.145	0.050	0.013	0.009	0.035	0.005
		Grey, green, white, black. Fine to coarse, dominantly medium grained. Diffuse and sharp grain boundaries. Mod chl and act alt. 1% diss to cg cpy, po, py, some fracture filling. Occasional felsic veins and dikelettes. Gradational upper contact with NOR and gradational lower contact with TON.	WW22-100020	ASSAY	TB22017844	465.00	466.00	1.00	0.162	0.057	0.012	0.007	0.029	0.005
			WW22-100021	ASSAY	TB22017844	466.00	467.00	1.00	0.127	0.045	0.008	0.008	0.030	0.005
			WW22-100022	ASSAY	TB22017844	467.00	468.00	1.00	0.127	0.045	0.015	0.013	0.027	0.005
			WW22-100023	ASSAY	TB22017844	468.00	469.00	1.00	0.431	0.052	0.038	0.014	0.031	0.005
			WW22-100024	ASSAY	TB22017844	469.00	470.00	1.00	0.101	0.031	0.020	0.015	0.032	0.006
			WW22-100025	ASSAY	TB22017844	470.00	471.00	1.00	0.256	0.036	0.026	0.014	0.035	0.005
			WW22-100026	ASSAY	TB22017844	471.00	472.00	1.00	0.791	0.064	0.091	0.035	0.054	0.006
			WW22-100027	ASSAY	TB22017844	472.00	473.00	1.00	0.641	0.055	0.048	0.022	0.048	0.005
			WW22-100028	ASSAY	TB22017844	473.00	474.00	1.00	0.546	0.065	0.052	0.020	0.049	0.005
			WW22-100029	ASSAY	TB22017844	474.00	475.00	1.00	0.925	0.093	0.109	0.046	0.062	0.006
			WW22-100030	ASSAY	TB22017844	475.00	476.00	1.00	0.777	0.099	0.123	0.036	0.077	0.007
			WW22-100031	ASSAY	TB22017844	476.00	477.00	1.00	3.310	0.581	0.226	0.149	0.387	0.013
			WW22-100032	ASSAY	TB22017844	477.00	478.00	1.00	2.530	0.271	0.454	0.101	0.195	0.009
			WW22-100034	ASSAY	TB22017844	478.00	479.00	1.00	1.770	0.134	0.150	0.068	0.082	0.006
			WW22-100035	ASSAY	TB22017844	479.00	480.00	1.00	1.060	0.105	0.146	0.056	0.071	0.005
			WW22-100036	ASSAY	TB22017844	480.00	481.00	1.00	1.350	0.114	0.111	0.050	0.075	0.006
			WW22-100037	ASSAY	TB22017844	481.00	482.00	1.00	0.738	0.104	0.138	0.062	0.060	0.006
			WW22-100038	ASSAY	TB22017844	482.00	483.00	1.00	3.500	0.347	0.192	0.106	0.177	0.008
			WW22-100039	ASSAY	TB22017844	483.00	484.00	1.00	0.556	0.121	0.022	0.013	0.039	0.004
			WW22-100040	ASSAY	TB22017844	484.00	485.00	1.00	1.785	0.145	0.183	0.079	0.108	0.006
			WW22-100041	ASSAY	TB22017844	485.00	486.00	1.00	2.410	0.196	0.077	0.042	0.149	0.007
			WW22-100042	ASSAY	TB22017844	486.00	487.00	1.00	4.440	0.463	0.256	0.121	0.257	0.012
			WW22-100043	ASSAY	TB22017844	487.00	488.00	1.00	2.310	0.254	0.110	0.083	0.161	0.008
			WW22-100044	ASSAY	TB22017844	488.00	489.00	1.00	2.110	0.131	0.150	0.077	0.142	0.007
			WW22-100045	ASSAY	TB22017844	489.00	490.00	1.00	0.824	0.084	0.112	0.045	0.090	0.006
			WW22-100047	ASSAY	TB22017844	490.00	491.00	1.00	0.107	0.025	0.013	0.011	0.034	0.005
			WW22-100048	ASSAY	TB22017844	491.00	492.00	1.00	0.062	0.022	0.016	0.012	0.031	0.004
			WW22-100049	ASSAY	TB22017844	492.00	493.00	1.00	0.867	0.085	0.093	0.042	0.066	0.005
			WW22-100050	ASSAY	TB22017844	493.00	494.00	1.00	0.911	0.092	0.062	0.039	0.065	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100051	ASSAY	TB22017844	494.00	495.00	1.00	2.400	0.217	0.343	0.106	0.120	0.006
			WW22-100052	ASSAY	TB22017844	495.00	496.00	1.00	1.490	0.095	0.084	0.070	0.088	0.005
			WW22-100053	ASSAY	TB22017844	496.00	497.00	1.00	1.275	0.083	0.086	0.058	0.059	0.004
			WW22-100054	ASSAY	TB22017844	497.00	498.00	1.00	1.815	0.156	0.089	0.060	0.085	0.004
			WW22-100055	ASSAY	TB22017844	498.00	499.00	1.00	0.521	0.035	0.032	0.024	0.043	0.004
			WW22-100056	ASSAY	TB22017844	499.00	500.00	1.00	0.411	0.048	0.039	0.031	0.044	0.005
			WW22-100058	ASSAY	TB22017844	500.00	501.00	1.00	0.011	0.005	0.006	0.015	0.018	0.003
			WW22-100059	ASSAY	TB22017844	501.00	502.00	1.00	0.001	0.003	0.005	0.018	0.016	0.003
			WW22-100060	ASSAY	TB22017844	502.00	502.77	0.77	0.001	0.003	0.001	0.006	0.009	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
502.77	561.94	TON	WW22-100061	ASSAY	TB22017844	502.77	504.00	1.23	0.001	0.003	0.004	0.005	0.009	0.003
		TON White, black, grey, purple, green, pink. Dominantly coarse grained, mg last 3m. Weak to moderate foliation. Coarse grained displays augen texture. Weak k-alt, epi-alt, chl-alt. Grey to purple qtz observed. Mafic dike present. Trace diss py min. Gradational upper and sharp lower contact.	WW22-100062	ASSAY	TB22017844	504.00	505.00	1.00	0.001	0.003	0.001	0.004	0.007	0.003
			WW22-100063	ASSAY	TB22017844	505.00	506.00	1.00	0.001	0.003	0.001	0.004	0.006	0.003
			WW22-100064	ASSAY	TB22017844	506.00	507.00	1.00	0.001	0.003	0.001	0.004	0.004	0.003
			WW22-100065	ASSAY	TB22017844	507.00	508.00	1.00	0.001	0.003	0.001	0.004	0.003	0.003
			WW22-100066	ASSAY	TB22017844	508.00	509.00	1.00	0.001	0.003	0.001	0.004	0.003	0.003
			WW22-100067	ASSAY	TB22017844	509.00	510.00	1.00	0.001	0.003	0.001	0.004	0.003	0.003
			WW22-100068	ASSAY	TB22017844	510.00	511.00	1.00	0.001	0.003	0.001	0.014	0.002	0.004
			WW22-100069	ASSAY	TB22017844	511.00	512.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
			WW22-100071	ASSAY	TB22017844	512.00	513.00	1.00	0.001	0.003	0.002	0.004	0.002	0.003
			WW22-100072	ASSAY	TB22017844	513.00	514.00	1.00	0.001	0.003	0.001	0.005	0.001	0.003
			WW22-100073	ASSAY	TB22017844	514.00	515.00	1.00	0.203	0.020	0.003	0.011	0.008	0.003
			WW22-100074	ASSAY	TB22017844	515.00	516.00	1.00	0.073	0.005	0.009	0.014	0.006	0.003
			WW22-100075	ASSAY	TB22017844	516.00	517.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
			WW22-100076	ASSAY	TB22017844	517.00	518.00	1.00	0.001	0.003	0.001	0.006	0.003	0.003
			WW22-100077	ASSAY	TB22017844	518.00	519.00	1.00	0.001	0.003	0.001	0.006	0.002	0.003
			WW22-100078	ASSAY	TB22017844	519.00	520.00	1.00	0.002	0.003	0.001	0.006	0.002	0.003
			WW22-100080	ASSAY	TB22017846	520.00	521.00	1.00	0.001	0.003	0.001	0.004	0.002	0.003
			WW22-100081	ASSAY	TB22017846	521.00	522.00	1.00	0.001	0.003	0.003	0.003	0.002	0.002
			WW22-100082	ASSAY	TB22017846	522.00	523.00	1.00	0.001	0.003	0.005	0.006	0.002	0.003
			WW22-100083	ASSAY	TB22017846	523.00	524.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
			WW22-100084	ASSAY	TB22017846	524.00	525.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003
			WW22-100085	ASSAY	TB22017846	525.00	526.00	1.00	0.001	0.003	0.001	0.005	0.002	0.003
			WW22-100086	ASSAY	TB22017846	526.00	527.00	1.00	0.001	0.003	0.004	0.014	0.002	0.003
		WW22-100087	ASSAY	TB22017846	527.00	528.00	1.00	0.001	0.003	0.001	0.003	0.002	0.003	
		WW22-100088	ASSAY	TB22017846	528.00	529.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002	
		WW22-100089	ASSAY	TB22017846	529.00	530.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002	
		WW22-100090	ASSAY	TB22017846	530.00	531.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002	
		WW22-100091	ASSAY	TB22017846	531.00	532.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002	
		WW22-100092	ASSAY	TB22017846	532.00	533.00	1.00	0.001	0.003	0.001	0.005	0.002	0.002	
		WW22-100093	ASSAY	TB22017846	533.00	534.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002	

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100094	ASSAY	TB22017846	534.00	535.00	1.00	0.004	0.003	0.001	0.011	0.005	0.003
			WW22-100096	ASSAY	TB22017846	535.00	536.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			WW22-100097	ASSAY	TB22017846	536.00	537.00	1.00	0.001	0.003	0.001	0.006	0.002	0.002
			WW22-100098	ASSAY	TB22017846	537.00	538.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			WW22-100099	ASSAY	TB22017846	538.00	539.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			WW22-100100	ASSAY	TB22017846	539.00	540.00	1.00	0.001	0.003	0.001	0.005	0.002	0.002
			WW22-100101	ASSAY	TB22017846	540.00	541.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			WW22-100102	ASSAY	TB22017846	541.00	542.00	1.00	0.001	0.003	0.001	0.004	0.002	0.003
			WW22-100103	ASSAY	TB22017846	542.00	543.00	1.00	0.001	0.003	0.001	0.007	0.003	0.003
			WW22-100104	ASSAY	TB22017846	543.00	544.00	1.00	0.001	0.003	0.001	0.004	0.002	0.002
			WW22-100105	ASSAY	TB22017846	544.00	545.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			WW22-100106	ASSAY	TB22017846	545.00	546.00	1.00	0.001	0.003	0.001	0.006	0.002	0.002
			WW22-100107	ASSAY	TB22017846	546.00	547.00	1.00	0.001	0.003	0.001	0.003	0.002	0.002
			WW22-100108	ASSAY	TB22017846	547.00	548.00	1.00	0.001	0.003	0.001	0.017	0.003	0.003
			WW22-100109	ASSAY	TB22017846	548.00	549.00	1.00	0.001	0.003	0.002	0.004	0.002	0.002
			WW22-100110	ASSAY	TB22017846	549.00	550.00	1.00	0.001	0.003	0.001	0.007	0.001	0.002
			WW22-100111	ASSAY	TB22017846	550.00	551.00	1.00	0.001	0.003	0.001	0.002	0.002	0.002
			WW22-100112	ASSAY	TB22017846	551.00	552.00	1.00	0.001	0.003	0.001	0.011	0.001	0.002
			WW22-100113	ASSAY	TB22017846	552.00	553.00	1.00	0.001	0.003	0.001	0.003	0.001	0.002
			WW22-100114	ASSAY	TB22017846	553.00	554.00	1.00	0.001	0.003	0.001	0.002	0.001	0.002
			WW22-100115	ASSAY	TB22017846	554.00	555.00	1.00	0.025	0.005	0.004	0.002	0.002	0.002
			WW22-100117	ASSAY	TB22017846	555.00	556.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			WW22-100118	ASSAY	TB22017846	556.00	557.00	1.00	0.001	0.003	0.001	0.001	0.000	0.001
			WW22-100119	ASSAY	TB22017846	557.00	558.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
			WW22-100120	ASSAY	TB22017846	558.00	559.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
			WW22-100121	ASSAY	TB22017846	559.00	560.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			WW22-100123	ASSAY	TB22017846	560.00	561.00	1.00	0.001	0.003	0.001	0.001	0.000	0.001
			WW22-100124	ASSAY	TB22017846	561.00	561.94	0.94	0.063	0.007	0.005	0.003	0.006	0.001

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
561.94	594.92	GAB-Vt	WW22-100125	ASSAY	TB22017846	561.94	563.00	1.06	0.080	0.007	0.001	0.007	0.036	0.005
		GABVT	WW22-100126	ASSAY	TB22017846	563.00	564.00	1.00	0.092	0.009	0.003	0.014	0.033	0.005
		Grey, green, white, black. Medium to coarse grained. Sharp and diffuse grain boundaries. Leucocratic 587-589m. 0.5% diss to mg py, cpy, po. Moderate chl and act alt. Felsic veins and dikelettes occasionally present. Sharp upper and lower contacts.	WW22-100127	ASSAY	TB22017846	564.00	565.00	1.00	0.857	0.090	0.092	0.069	0.066	0.006
			WW22-100128	ASSAY	TB22017846	565.00	566.00	1.00	0.877	0.080	0.049	0.031	0.056	0.006
			WW22-100129	ASSAY	TB22017846	566.00	567.00	1.00	0.215	0.026	0.017	0.017	0.038	0.007
			WW22-100130	ASSAY	TB22017846	567.00	568.00	1.00	0.267	0.033	0.014	0.015	0.041	0.007
			WW22-100131	ASSAY	TB22017846	568.00	569.00	1.00	0.178	0.017	0.011	0.015	0.042	0.008
			WW22-100132	ASSAY	TB22017846	569.00	570.00	1.00	0.269	0.039	0.029	0.026	0.040	0.006
			WW22-100133	ASSAY	TB22017846	570.00	571.00	1.00	0.130	0.017	0.009	0.012	0.034	0.006
			WW22-100134	ASSAY	TB22017846	571.00	572.00	1.00	0.136	0.017	0.008	0.012	0.033	0.006
			WW22-100135	ASSAY	TB22017846	572.00	573.00	1.00	1.770	0.106	0.102	0.087	0.116	0.008
			WW22-100136	ASSAY	TB22017846	573.00	574.00	1.00	0.117	0.013	0.012	0.014	0.034	0.006
			WW22-100137	ASSAY	TB22017846	574.00	575.00	1.00	0.084	0.015	0.009	0.014	0.031	0.006
			WW22-100138	ASSAY	TB22017846	575.00	576.00	1.00	0.259	0.042	0.028	0.022	0.036	0.006
			WW22-100139	ASSAY	TB22017846	576.00	577.00	1.00	0.550	0.115	0.025	0.013	0.034	0.006
			WW22-100140	ASSAY	TB22017846	577.00	578.00	1.00	1.215	0.228	0.032	0.020	0.038	0.004
			WW22-100141	ASSAY	TB22017846	578.00	579.00	1.00	0.640	0.120	0.006	0.004	0.037	0.005
			WW22-100143	ASSAY	TB22017846	579.00	580.00	1.00	0.219	0.054	0.011	0.007	0.036	0.005
			WW22-100144	ASSAY	TB22017846	580.00	581.00	1.00	1.810	0.184	0.046	0.029	0.078	0.007
			WW22-100145	ASSAY	TB22017846	581.00	582.00	1.00	2.950	0.167	0.212	0.196	0.249	0.008
			WW22-100146	ASSAY	TB22017846	582.00	583.00	1.00	0.359	0.060	0.062	0.017	0.042	0.005
			WW22-100147	ASSAY	TB22017846	583.00	584.00	1.00	4.540	0.366	0.187	0.163	0.367	0.012
			WW22-100148	ASSAY	TB22017846	584.00	585.00	1.00	1.695	0.109	0.057	0.052	0.141	0.007
			WW22-100149	ASSAY	TB22017846	585.00	586.00	1.00	2.580	0.119	0.133	0.071	0.114	0.006
			WW22-100150	ASSAY	TB22017846	586.00	587.00	1.00	2.650	0.273	0.142	0.106	0.157	0.009
			WW22-100152	ASSAY	TB22017846	587.00	588.00	1.00	0.575	0.050	0.013	0.010	0.033	0.003
			WW22-100153	ASSAY	TB22017846	588.00	589.00	1.00	0.612	0.049	0.023	0.024	0.053	0.004
			WW22-100154	ASSAY	TB22017846	589.00	590.00	1.00	0.720	0.051	0.028	0.025	0.046	0.003
			WW22-100155	ASSAY	TB22017846	590.00	591.00	1.00	0.079	0.011	0.006	0.007	0.024	0.003
			WW22-100156	ASSAY	TB22017846	591.00	592.00	1.00	0.085	0.019	0.016	0.014	0.029	0.005
			WW22-100158	ASSAY	TB22017847	592.00	593.00	1.00	0.226	0.023	0.021	0.026	0.043	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100159	ASSAY	TB22017847	593.00	594.00	1.00	0.014	0.003	0.007	0.009	0.016	0.003
			WW22-100160	ASSAY	TB22017847	594.00	594.92	0.92	0.002	0.003	0.001	0.007	0.018	0.003
594.92	597.89	DIKE-Intermediate												
		Intermediate Dike	WW22-100161	ASSAY	TB22017847	594.92	596.00	1.08	0.003	0.003	0.001	0.007	0.002	0.002
			WW22-100162	ASSAY	TB22017847	596.00	597.00	1.00	0.001	0.003	0.001	0.003	0.001	0.001
		Grey, fine grained. Trace diss and cg py. Weak chl alt veins. Sharp upper and lower contact.	WW22-100163	ASSAY	TB22017847	597.00	597.89	0.89	0.001	0.003	0.001	0.005	0.001	0.001
597.89	621.12	TON												
		TON	WW22-100164	ASSAY	TB22017847	597.89	599.00	1.11	0.001	0.003	0.001	0.003	0.004	0.003
			WW22-100165	ASSAY	TB22017847	599.00	600.00	1.00	0.006	0.003	0.002	0.003	0.004	0.003
		White, black, grey, pink, green. Coarse grained dom. Medium grained last 5m of interval. Weak to moderate foliated. Trace diss py min. Moderate k-alt, weak epi-alt. Grey/purple qtz. Felsic dikes and veins occasionally. Sharp upper and lower contacts.	WW22-100166	ASSAY	TB22017847	600.00	601.00	1.00	0.004	0.003	0.001	0.006	0.003	0.003
			WW22-100167	ASSAY	TB22017847	601.00	602.00	1.00	0.052	0.003	0.002	0.010	0.006	0.003
			WW22-100168	ASSAY	TB22017847	602.00	603.11	1.11	0.245	0.021	0.006	0.010	0.011	0.003
			WW22-100170	ASSAY	TB22017847	603.11	604.00	0.89	0.285	0.039	0.016	0.020	0.014	0.003
			WW22-100171	ASSAY	TB22017847	604.00	605.00	1.00	0.347	0.024	0.023	0.020	0.016	0.003
			WW22-100172	ASSAY	TB22017847	605.00	606.00	1.00	0.169	0.015	0.005	0.012	0.016	0.003
			WW22-100173	ASSAY	TB22017847	606.00	607.00	1.00	0.002	0.003	0.001	0.005	0.003	0.003
			WW22-100174	ASSAY	TB22017847	607.00	608.00	1.00	0.263	0.020	0.009	0.014	0.018	0.003
			WW22-100175	ASSAY	TB22017847	608.00	609.00	1.00	0.107	0.009	0.009	0.011	0.009	0.003
			WW22-100176	ASSAY	TB22017847	609.00	610.00	1.00	0.053	0.006	0.002	0.007	0.006	0.002
			WW22-100177	ASSAY	TB22017847	610.00	611.00	1.00	0.002	0.003	0.001	0.006	0.003	0.003
			WW22-100178	ASSAY	TB22017847	611.00	612.00	1.00	0.001	0.003	0.001	0.006	0.002	0.003
			WW22-100179	ASSAY	TB22017847	612.00	613.00	1.00	0.002	0.003	0.001	0.005	0.002	0.003
			WW22-100180	ASSAY	TB22017847	613.00	614.00	1.00	0.123	0.009	0.005	0.008	0.010	0.003
			WW22-100181	ASSAY	TB22017847	614.00	615.00	1.00	0.006	0.003	0.001	0.003	0.002	0.003
			WW22-100182	ASSAY	TB22017847	615.00	616.00	1.00	0.002	0.003	0.001	0.003	0.002	0.002
			WW22-100183	ASSAY	TB22017847	616.00	617.00	1.00	0.002	0.003	0.001	0.000	0.001	0.001
			WW22-100184	ASSAY	TB22017847	617.00	618.00	1.00	0.001	0.003	0.001	0.001	0.001	0.000
			WW22-100185	ASSAY	TB22017847	618.00	619.00	1.00	0.390	0.035	0.007	0.003	0.022	0.002
			WW22-100186	ASSAY	TB22017847	619.00	620.00	1.00	0.002	0.003	0.001	0.000	0.001	0.001
			WW22-100187	ASSAY	TB22017847	620.00	621.12	1.12	0.363	0.034	0.089	0.029	0.027	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
621.12	645.41	NOR	WW22-100188	ASSAY	TB22017847	621.12	622.00	0.88	0.304	0.043	0.017	0.010	0.059	0.007
		NOR	WW22-100189	ASSAY	TB22017847	622.00	623.00	1.00	0.347	0.031	0.012	0.012	0.066	0.008
		Grey, purple, green. Medium grained. Sharp and diffuse grain boundaries. Pyx:Plag 60:40. Trace diss cpy and py. Moderate chl and act alt. Sharp upper contact with TON, gradational lower contact with GABVT.	WW22-100191	ASSAY	TB22017847	623.00	624.00	1.00	0.290	0.020	0.021	0.015	0.070	0.008
			WW22-100192	ASSAY	TB22017847	624.00	625.00	1.00	0.266	0.024	0.011	0.013	0.063	0.008
			WW22-100193	ASSAY	TB22017847	625.00	626.00	1.00	0.227	0.028	0.010	0.013	0.055	0.007
			WW22-100194	ASSAY	TB22017847	626.00	627.00	1.00	0.217	0.027	0.022	0.017	0.057	0.007
			WW22-100195	ASSAY	TB22017847	627.00	628.00	1.00	0.138	0.018	0.010	0.015	0.048	0.007
			WW22-100196	ASSAY	TB22017847	628.00	629.00	1.00	0.138	0.014	0.006	0.015	0.044	0.006
			WW22-100197	ASSAY	TB22017847	629.00	630.00	1.00	0.198	0.026	0.010	0.018	0.044	0.006
			WW22-100198	ASSAY	TB22017847	630.00	631.00	1.00	0.162	0.033	0.006	0.009	0.032	0.005
			WW22-100199	ASSAY	TB22017847	631.00	632.00	1.00	0.189	0.021	0.012	0.017	0.045	0.007
			WW22-100200	ASSAY	TB22017847	632.00	633.00	1.00	0.252	0.023	0.011	0.022	0.049	0.007
			WW22-100201	ASSAY	TB22017847	633.00	634.00	1.00	0.199	0.018	0.011	0.018	0.048	0.008
			WW22-100202	ASSAY	TB22017847	634.00	635.00	1.00	0.196	0.023	0.009	0.016	0.048	0.008
			WW22-100203	ASSAY	TB22017847	635.00	636.00	1.00	0.635	0.110	0.028	0.024	0.053	0.008
			WW22-100204	ASSAY	TB22017847	636.00	637.00	1.00	0.138	0.014	0.007	0.012	0.040	0.006
			WW22-100205	ASSAY	TB22017847	637.00	638.00	1.00	0.144	0.019	0.010	0.012	0.041	0.007
			WW22-100206	ASSAY	TB22017847	638.00	639.00	1.00	0.166	0.024	0.007	0.014	0.042	0.007
			WW22-100208	ASSAY	TB22017847	639.00	640.00	1.00	0.145	0.016	0.007	0.013	0.040	0.007
			WW22-100209	ASSAY	TB22017847	640.00	641.00	1.00	0.167	0.025	0.008	0.014	0.039	0.007
			WW22-100210	ASSAY	TB22017847	641.00	642.00	1.00	0.130	0.028	0.007	0.013	0.037	0.007
			WW22-100211	ASSAY	TB22017847	642.00	643.00	1.00	0.277	0.041	0.013	0.021	0.037	0.007
			WW22-100212	ASSAY	TB22017847	643.00	644.00	1.00	0.703	0.072	0.078	0.030	0.044	0.007
			WW22-100213	ASSAY	TB22017847	644.00	645.41	1.41	0.686	0.080	0.110	0.031	0.044	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
645.41	656.34	GAB-Vt	WW22-100214	ASSAY	TB22017847	645.41	646.80	1.39	1.610	0.193	0.194	0.071	0.082	0.006
		GABVT	WW22-100215	ASSAY	TB22017847	646.80	648.00	1.20	1.665	0.157	0.161	0.045	0.094	0.006
		Grey, green, white, black. Medium to coarse grained.	WW22-100217	ASSAY	TB22017847	648.00	649.00	1.00	3.060	0.262	0.262	0.096	0.116	0.006
		Pyx:Plag 45:55. Sharp and diffuse grain boundaries.	WW22-100218	ASSAY	TB22017847	649.00	650.00	1.00	2.160	0.194	0.200	0.076	0.094	0.005
		0.5% diss to mg blebby py, cpy, and po. Moderate chl	WW22-100219	ASSAY	TB22017847	650.00	651.00	1.00	0.890	0.178	0.100	0.037	0.058	0.005
		and act alt. Gradational upper and sharp lower	WW22-100220	ASSAY	TB22017847	651.00	652.00	1.00	1.935	0.160	0.014	0.034	0.080	0.005
		contact. Occasional felsic/qtz veins 2-5cm scale.	WW22-100222	ASSAY	TB22017847	652.00	653.00	1.00	2.120	0.193	0.083	0.065	0.102	0.005
			WW22-100223	ASSAY	TB22017847	653.00	654.00	1.00	1.415	0.113	0.143	0.054	0.086	0.006
			WW22-100224	ASSAY	TB22017847	654.00	655.00	1.00	1.060	0.111	0.044	0.038	0.054	0.004
			WW22-100225	ASSAY	TB22017847	655.00	656.34	1.34	2.710	0.195	0.043	0.074	0.139	0.005
656.34	688.54	TON	WW22-100226	ASSAY	TB22017847	656.34	657.60	1.26	0.124	0.011	0.006	0.008	0.017	0.003
		TON	WW22-100227	ASSAY	TB22017847	657.60	659.00	1.40	0.010	0.005	0.003	0.014	0.013	0.004
		White, black, pink, green. Coarse grained augen	WW22-100228	ASSAY	TB22017847	659.00	660.00	1.00	0.216	0.017	0.015	0.028	0.020	0.004
		texture. Trace diss, fg blebs and fracture filling py,	WW22-100229	ASSAY	TB22017847	660.00	661.00	1.00	0.042	0.003	0.005	0.007	0.009	0.003
		cpy. Moderate k-alt, weak chl and act alt. Mafic dikes	WW22-100230	ASSAY	TB22017847	661.00	662.00	1.00	0.212	0.014	0.005	0.008	0.013	0.003
		and felsic veins 2-5cm scale throughout unit. Sharp	WW22-100231	ASSAY	TB22017847	662.00	663.00	1.00	0.516	0.031	0.011	0.024	0.021	0.004
		upper and lower contacts.	WW22-100232	ASSAY	TB22017847	663.00	664.00	1.00	0.109	0.005	0.002	0.007	0.008	0.003
			WW22-100233	ASSAY	TB22017847	664.00	665.00	1.00	0.023	0.003	0.001	0.007	0.005	0.003
			WW22-100234	ASSAY	TB22017847	665.00	666.00	1.00	0.001	0.003	0.005	0.007	0.002	0.003
			WW22-100236	ASSAY	TB22019771	666.00	667.00	1.00	0.004	0.003	0.001	0.005	0.002	0.003
			WW22-100237	ASSAY	TB22019771	667.00	668.00	1.00	0.010	0.003	0.001	0.004	0.003	0.003
			WW22-100238	ASSAY	TB22019771	668.00	669.00	1.00	0.001	0.003	0.001	0.006	0.003	0.003
			WW22-100239	ASSAY	TB22019771	669.00	670.00	1.00	0.001	0.003	0.001	0.004	0.003	0.003
			WW22-100240	ASSAY	TB22019771	670.00	671.00	1.00	0.031	0.003	0.002	0.006	0.003	0.003
			WW22-100241	ASSAY	TB22019771	671.00	672.00	1.00	0.001	0.003	0.001	0.009	0.002	0.003
			WW22-100242	ASSAY	TB22019771	672.00	673.00	1.00	0.023	0.003	0.001	0.007	0.003	0.002
			WW22-100244	ASSAY	TB22019771	673.00	674.00	1.00	0.050	0.003	0.003	0.007	0.004	0.003
			WW22-100245	ASSAY	TB22019771	674.00	674.82	0.82	0.068	0.003	0.001	0.005	0.003	0.003

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
688.54	690.08	DIKE-Intermediate												
Intermediate Dike														
Brown, pink, green. Fine grained. Sulfide poor. Weak K-alt, weak chl alt. Sharp upper and lower contacts.														
690.08	700.37	TON												
TON														
White, pink, black, purple. Coarse grained, augen texture. Trace fg blebby py. 5% blue/purple qtz present. Moderate to strong K-alt. Sharp upper and lower contact. Sharp upper contact and gradational lower contact with foliated TON unit. Intermediate dikes within interval.														
700.37	711.66	TON												
TON														
White, pink, black, purple. Medium grained. Foliated 40-50dtca. Trace fg blebby py. Moderate K-alt. Gradational upper and sharp lower contact.														
711.66	714.82	DIKE-Intermediate												
Intermediate Dike														
Grey, green, brown. Fine grained. Sulfide poor. Weak k-alt, Sharp upper and lower contacts.														
714.82	773.19	TON												
TON														
White, black, pink, purple/blue. Fine to medium grained with short cg augen textured sections. Foliate 30-55dtca. ~2-5% locally blue/purple qtz present. Trace diss to mg blebby pyrite. Weak to moderate k-alt, weak chl and act alt. Sharp upper and lower contact.														
773.19	774.57	VN												
QTZ Vein														
White, massive qtz vein. no sulfides. Sharp upper contact with mafic dike and sharp lower contact with intermediate dike. No alt.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
774.57	845.95	TON	WW22-100246	ASSAY	TB22019771	827.34	828.00	0.66	0.001	0.003	0.001	0.002	0.001	0.001
TON			WW22-100247	ASSAY	TB22019771	828.00	829.00	1.00	0.001	0.003	0.004	0.001	0.001	0.001
White, black, pink, green, purple/blue. Fine to medium grained. Weak to moderate foliation. 5-10% blue/purple qtz locally. Moderate K-alt, weak chl and act alt, weak epi alt. Felsic to mafic dikes present throughout. Trace diss to mg blebby pyrite. Sharp upper and lower contact.			WW22-100248	ASSAY	TB22019771	829.00	830.00	1.00	0.001	0.003	0.001	0.004	0.004	0.002
			WW22-100249	ASSAY	TB22019771	830.00	831.00	1.00	0.002	0.003	0.001	0.001	0.001	0.001
			WW22-100250	ASSAY	TB22019771	831.00	832.00	1.00	0.001	0.003	0.001	0.000	0.001	0.001
			WW22-100251	ASSAY	TB22019771	832.00	833.00	1.00	0.001	0.003	0.001	0.002	0.002	0.001
			WW22-100252	ASSAY	TB22019771	833.00	834.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			WW22-100253	ASSAY	TB22019771	834.00	835.00	1.00	0.001	0.003	0.001	0.003	0.001	0.001
			WW22-100254	ASSAY	TB22019771	835.00	836.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			WW22-100255	ASSAY	TB22019771	836.00	837.00	1.00	0.001	0.003	0.001	0.004	0.001	0.001
			WW22-100256	ASSAY	TB22019771	837.00	838.00	1.00	0.001	0.003	0.001	0.005	0.001	0.002
			WW22-100257	ASSAY	TB22019771	838.00	839.00	1.00	0.001	0.003	0.001	0.003	0.001	0.001
			WW22-100258	ASSAY	TB22019771	839.00	840.00	1.00	0.001	0.003	0.001	0.001	0.001	0.001
			WW22-100259	ASSAY	TB22019771	840.00	841.00	1.00	0.001	0.003	0.001	0.002	0.001	0.001
			WW22-100260	ASSAY	TB22019771	841.00	842.00	1.00	0.001	0.003	0.001	0.000	0.001	0.001
			WW22-100261	ASSAY	TB22019771	842.00	843.00	1.00	0.001	0.003	0.001	0.000	0.001	0.001
			WW22-100262	ASSAY	TB22019771	843.00	844.00	1.00	0.001	0.003	0.010	0.001	0.002	0.001
			WW22-100263	ASSAY	TB22019771	844.00	845.00	1.00	0.007	0.003	0.001	0.000	0.002	0.000
			WW22-100264	ASSAY	TB22019771	845.00	845.70	0.70	0.025	0.003	0.007	0.002	0.004	0.003
			WW22-100265	ASSAY	TB22019771	845.70	846.29	0.59	0.209	0.032	0.005	0.001	0.018	0.003
845.95	846.29	FAULT-CL												
CAMP LAKE FAULT														
Expressed as a short interval of fault gouge. Fine grained strongly altered and silicified host rock. No sulfides. Tonliate just before the fault is strongly epi and mod k-altered. Norite after the fault is moderately altered with evidence of shearing and veins.														

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
846.29	878.04	NOR	WW22-100266	ASSAY	TB22019771	846.29	847.00	0.71	0.950	0.131	0.016	0.020	0.051	0.004
NOR			WW22-100268	ASSAY	TB22019771	847.00	848.00	1.00	1.395	0.175	0.015	0.018	0.057	0.006
Grey, black, white. Medium grained, with short cg pegmatitic GABVT locally. Sharp and diffues grain boundaires. Trace diss py,cpy and po. Moderate chl and act alt. Felsic veins and dikes intermittently within the interval, possibly causing the plag to be more visible than typical NOR. Sharp upper and gradational lower contact.			WW22-100269	ASSAY	TB22019771	848.00	849.00	1.00	0.430	0.045	0.016	0.043	0.045	0.007
			WW22-100270	ASSAY	TB22019771	849.00	850.00	1.00	0.028	0.003	0.002	0.014	0.034	0.005
			WW22-100271	ASSAY	TB22019771	850.00	851.00	1.00	0.029	0.003	0.003	0.013	0.036	0.006
			WW22-100272	ASSAY	TB22019771	851.00	852.00	1.00	0.964	0.128	0.100	0.033	0.057	0.008
			WW22-100273	ASSAY	TB22019771	852.00	853.00	1.00	2.130	0.283	0.293	0.128	0.126	0.010
			WW22-100275	ASSAY	TB22019771	853.00	854.00	1.00	0.884	0.100	0.119	0.056	0.075	0.008
			WW22-100276	ASSAY	TB22019771	854.00	855.00	1.00	0.136	0.023	0.032	0.036	0.059	0.007
			WW22-100277	ASSAY	TB22019771	855.00	856.00	1.00	0.558	0.076	0.104	0.068	0.091	0.008
			WW22-100278	ASSAY	TB22019771	856.00	857.00	1.00	0.310	0.051	0.056	0.037	0.064	0.008
			WW22-100279	ASSAY	TB22019771	857.00	858.00	1.00	2.460	0.262	0.225	0.098	0.134	0.011
			WW22-100280	ASSAY	TB22019771	858.00	859.00	1.00	0.129	0.016	0.015	0.020	0.049	0.007
			WW22-100281	ASSAY	TB22019771	859.00	860.00	1.00	0.878	0.123	0.074	0.041	0.098	0.010
			WW22-100282	ASSAY	TB22019771	860.00	861.00	1.00	0.728	0.112	0.046	0.017	0.143	0.015
			WW22-100283	ASSAY	TB22019771	861.00	862.00	1.00	1.910	0.251	0.213	0.049	0.084	0.008
			WW22-100284	ASSAY	TB22019771	862.00	863.00	1.00	0.515	0.061	0.025	0.007	0.033	0.003
			WW22-100285	ASSAY	TB22019771	863.00	864.00	1.00	0.875	0.116	0.073	0.017	0.069	0.009
			WW22-100286	ASSAY	TB22019771	864.00	865.00	1.00	0.910	0.135	0.101	0.025	0.065	0.008
			WW22-100287	ASSAY	TB22019771	865.00	866.00	1.00	0.958	0.135	0.095	0.022	0.064	0.009
			WW22-100288	ASSAY	TB22019771	866.00	867.00	1.00	0.711	0.098	0.061	0.016	0.066	0.008
			WW22-100289	ASSAY	TB22019771	867.00	868.00	1.00	0.471	0.072	0.044	0.011	0.053	0.007
WW22-100290	ASSAY	TB22019771	868.00	869.00	1.00	0.658	0.087	0.053	0.015	0.060	0.008			
WW22-100291	ASSAY	TB22019771	869.00	870.00	1.00	0.494	0.077	0.033	0.010	0.057	0.008			
WW22-100293	ASSAY	TB22019771	870.00	871.00	1.00	0.813	0.109	0.052	0.014	0.065	0.008			
WW22-100294	ASSAY	TB22019771	871.00	872.00	1.00	0.456	0.062	0.030	0.008	0.058	0.008			
WW22-100295	ASSAY	TB22019771	872.00	873.00	1.00	2.210	0.250	0.175	0.046	0.085	0.008			
WW22-100296	ASSAY	TB22019771	873.00	874.00	1.00	0.598	0.093	0.061	0.017	0.060	0.008			
WW22-100297	ASSAY	TB22019771	874.00	875.00	1.00	3.140	0.352	0.318	0.076	0.106	0.009			
WW22-100298	ASSAY	TB22019771	875.00	876.00	1.00	4.080	0.424	0.425	0.097	0.125	0.010			
WW22-100299	ASSAY	TB22019771	876.00	877.00	1.00	1.570	0.182	0.165	0.041	0.089	0.009			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100300	ASSAY	TB22019771	877.00	878.04	1.04	2.120	0.264	0.157	0.039	0.113	0.009
878.04	885.25	PYXT-OI	WW22-100301	ASSAY	TB22019771	878.04	879.00	0.96	0.742	0.145	0.049	0.013	0.178	0.014
Ultramafic Interval. OL-PYXT			WW22-100302	ASSAY	TB22019771	879.00	880.00	1.00	0.200	0.067	0.007	0.007	0.174	0.015
Black with light to dark grey crystals. Light coloured crystals are iridescent. Coarse grained. Sulfide poor. 'Soapy' serpentized feel. pXRF Mg values > 20%, and mag sus values > 100SI. Sulfide poor.			WW22-100303	ASSAY	TB22019771	880.00	881.00	1.00	0.217	0.057	0.010	0.010	0.177	0.015
Similar to the ultramafic interval seen in drillholes 21-657, 20-414 and 20-415. Could potentially be a serpentized olivine pyroxenite - but thin section needed to confirm this. Two thin sections taken in this interval. Gradational upper and lower contact.			WW22-100304	ASSAY	TB22204173	881.00	882.00	1.00	0.159	0.057	0.011	0.006	0.169	0.014
			WW22-100305	ASSAY	TB22019771	882.00	883.00	1.00	0.163	0.058	0.006	0.005	0.173	0.014
			WW22-100306	ASSAY	TB22204173	883.00	884.00	1.00	0.116	0.046	0.010	0.005	0.175	0.014
			WW22-100307	ASSAY	TB22019771	884.00	885.25	1.25	0.214	0.063	0.013	0.006	0.183	0.015

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
885.25	925.70	NOR	WW22-100309	ASSAY	TB22019771	885.25	886.00	0.75	0.231	0.056	0.016	0.009	0.150	0.012
NOR			WW22-100310	ASSAY	TB22019771	886.00	887.00	1.00	5.950	0.752	0.621	0.149	0.207	0.012
Grey, white, black. Medium to coarse grained, though medium dominant. Pyx:Plag 60:40 to 55:45. Short intervals of GABVT intermittent. Sulfide tend to be hosted more so in the GABVT clasts. 0.5% diss to mg blebby py, cpy, po with a cg bleb of cpy, po at 901.56m. Moderate chl and act alt, mod Na alt. Gradational upper and sharp lower contacts. Felsic dike and veins present. Cg pyrite present within felsic dike at 923.55-924m.			WW22-100311	ASSAY	TB22019771	887.00	888.00	1.00	4.450	0.553	0.430	0.092	0.160	0.010
			WW22-100312	ASSAY	TB22019771	888.00	889.00	1.00	4.110	0.545	0.403	0.096	0.215	0.013
			WW22-100314	ASSAY	TB22019772	889.00	890.00	1.00	0.958	0.154	0.036	0.026	0.179	0.013
			WW22-100315	ASSAY	TB22019772	890.00	891.00	1.00	0.108	0.043	0.005	0.016	0.149	0.013
			WW22-100316	ASSAY	TB22019772	891.00	892.00	1.00	0.094	0.034	0.002	0.022	0.158	0.013
			WW22-100317	ASSAY	TB22019772	892.00	893.00	1.00	0.991	0.113	0.067	0.031	0.089	0.007
			WW22-100318	ASSAY	TB22019772	893.00	894.00	1.00	1.890	0.217	0.108	0.039	0.096	0.006
			WW22-100319	ASSAY	TB22019772	894.00	895.00	1.00	0.542	0.075	0.081	0.025	0.078	0.008
			WW22-100320	ASSAY	TB22019772	895.00	896.00	1.00	4.450	0.533	0.396	0.125	0.136	0.008
			WW22-100321	ASSAY	TB22019772	896.00	897.00	1.00	2.690	0.351	0.141	0.060	0.082	0.006
			WW22-100322	ASSAY	TB22019772	897.00	898.00	1.00	5.240	0.664	0.467	0.138	0.162	0.010
			WW22-100323	ASSAY	TB22019772	898.00	899.00	1.00	2.760	0.389	0.235	0.081	0.101	0.007
			WW22-100324	ASSAY	TB22019772	899.00	900.00	1.00	0.029	0.003	0.023	0.018	0.045	0.006
			WW22-100326	ASSAY	TB22019772	900.00	901.00	1.00	0.397	0.054	0.014	0.008	0.055	0.007
			WW22-100327	ASSAY	TB22019772	901.00	902.00	1.00	3.370	0.409	0.179	0.105	0.122	0.009
			WW22-100328	ASSAY	TB22019772	902.00	903.00	1.00	0.701	0.093	0.025	0.022	0.059	0.007
			WW22-100329	ASSAY	TB22019772	903.00	904.00	1.00	6.700	0.784	0.372	0.202	0.241	0.012
			WW22-100330	ASSAY	TB22019772	904.00	905.00	1.00	5.110	0.553	0.436	0.153	0.180	0.009
			WW22-100331	ASSAY	TB22019772	905.00	906.00	1.00	3.030	0.428	0.297	0.101	0.130	0.008
			WW22-100332	ASSAY	TB22019772	906.00	907.00	1.00	3.950	0.502	0.583	0.142	0.148	0.009
WW22-100333	ASSAY	TB22019772	907.00	908.00	1.00	0.556	0.065	0.071	0.032	0.073	0.009			
WW22-100334	ASSAY	TB22019772	908.00	909.00	1.00	3.450	0.411	0.149	0.076	0.131	0.009			
WW22-100335	ASSAY	TB22019772	909.00	910.00	1.00	4.060	0.472	0.274	0.137	0.154	0.008			
WW22-100336	ASSAY	TB22019772	910.00	911.00	1.00	5.740	0.667	0.425	0.197	0.209	0.009			
WW22-100337	ASSAY	TB22019772	911.00	912.00	1.00	4.910	0.607	0.328	0.151	0.158	0.007			
WW22-100338	ASSAY	TB22019772	912.00	913.00	1.00	4.150	0.471	0.303	0.129	0.155	0.008			
WW22-100339	ASSAY	TB22019772	913.00	914.00	1.00	7.040	0.812	0.436	0.201	0.223	0.009			
WW22-100340	ASSAY	TB22019772	914.00	915.00	1.00	3.530	0.402	0.182	0.121	0.132	0.008			
WW22-100341	ASSAY	TB22019772	915.00	916.00	1.00	3.330	0.388	0.295	0.109	0.129	0.008			

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100342	ASSAY	TB22019772	916.00	917.00	1.00	3.530	0.408	0.370	0.130	0.152	0.010
			WW22-100343	ASSAY	TB22019772	917.00	918.00	1.00	4.160	0.512	0.323	0.115	0.147	0.008
			WW22-100344	ASSAY	TB22019772	918.00	919.00	1.00	2.080	0.250	0.118	0.062	0.088	0.006
			WW22-100346	ASSAY	TB22019772	919.00	920.00	1.00	0.795	0.111	0.017	0.021	0.057	0.005
			WW22-100347	ASSAY	TB22019772	920.00	921.00	1.00	0.670	0.094	0.014	0.021	0.049	0.005
			WW22-100348	ASSAY	TB22019772	921.00	922.00	1.00	0.242	0.032	0.013	0.012	0.018	0.002
			WW22-100349	ASSAY	TB22019772	922.00	923.00	1.00	1.345	0.164	0.023	0.027	0.063	0.007
			WW22-100350	ASSAY	TB22019772	923.00	924.40	1.40	1.105	0.142	0.018	0.022	0.057	0.008
			WW22-100351	ASSAY	TB22019772	924.40	925.70	1.30	1.030	0.131	0.018	0.014	0.055	0.006
925.70	927.56	DIKE-Felsic												
		Felsic Dike	WW22-100352	ASSAY	TB22019772	925.70	926.50	0.80	0.168	0.021	0.006	0.012	0.008	0.001
			WW22-100353	ASSAY	TB22019772	926.50	927.56	1.06	0.043	0.005	0.017	0.019	0.004	0.001

White, brown, black. Medium grained. Weak chl and k-alt. Trace diss py min. Sharp upper and lower contact.

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
927.56	949.17	NOR	WW22-100354	ASSAY	TB22019772	927.56	929.00	1.44	1.880	0.232	0.137	0.033	0.085	0.008
NOR			WW22-100355	ASSAY	TB22019772	929.00	930.00	1.00	0.736	0.102	0.036	0.012	0.038	0.004
Grey, green, white, black. Medium grained. Pyx:Plag 60:40 to 55:45. Sharp and diffuse grain boundaries. Trace diss py, cpy, po. Moderate chl and act alt. Weak Na alt. Felsic dikes and dikelettes within interval. Gradational upper and lower contacts.			WW22-100356	ASSAY	TB22019772	930.00	931.00	1.00	0.600	0.091	0.046	0.008	0.061	0.007
			WW22-100358	ASSAY	TB22019772	931.00	932.00	1.00	1.665	0.228	0.282	0.056	0.094	0.008
			WW22-100359	ASSAY	TB22019772	932.00	933.00	1.00	2.020	0.254	0.158	0.045	0.087	0.009
			WW22-100360	ASSAY	TB22019772	933.00	934.00	1.00	1.060	0.143	0.048	0.021	0.064	0.007
			WW22-100361	ASSAY	TB22019772	934.00	935.00	1.00	0.946	0.149	0.024	0.012	0.066	0.008
			WW22-100362	ASSAY	TB22019772	935.00	936.00	1.00	0.172	0.039	0.001	0.002	0.053	0.008
			WW22-100363	ASSAY	TB22019772	936.00	937.00	1.00	0.543	0.074	0.028	0.017	0.051	0.007
			WW22-100365	ASSAY	TB22019772	937.00	938.00	1.00	0.945	0.097	0.045	0.026	0.042	0.005
			WW22-100366	ASSAY	TB22019772	938.00	939.00	1.00	0.929	0.114	0.058	0.023	0.046	0.005
			WW22-100367	ASSAY	TB22019772	939.00	940.00	1.00	0.349	0.059	0.022	0.008	0.054	0.007
			WW22-100368	ASSAY	TB22019772	940.00	941.00	1.00	0.497	0.079	0.027	0.007	0.053	0.007
			WW22-100369	ASSAY	TB22019772	941.00	942.00	1.00	2.080	0.248	0.179	0.045	0.085	0.008
			WW22-100370	ASSAY	TB22019772	942.00	943.00	1.00	2.950	0.331	0.160	0.037	0.098	0.008
			WW22-100371	ASSAY	TB22019772	943.00	944.00	1.00	1.465	0.178	0.085	0.026	0.061	0.004
			WW22-100372	ASSAY	TB22019772	944.00	945.00	1.00	3.260	0.423	0.160	0.083	0.097	0.007
			WW22-100373	ASSAY	TB22019772	945.00	946.00	1.00	0.952	0.114	0.050	0.026	0.046	0.004
			WW22-100374	ASSAY	TB22019772	946.00	947.00	1.00	1.390	0.170	0.113	0.042	0.077	0.008
			WW22-100375	ASSAY	TB22019772	947.00	948.00	1.00	3.070	0.345	0.042	0.023	0.078	0.006
			WW22-100376	ASSAY	TB22019772	948.00	949.17	1.17	2.470	0.267	0.091	0.037	0.076	0.004

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
949.17	973.93	GAB-Vt	WW22-100377	ASSAY	TB22019772	949.17	950.00	0.83	2.360	0.283	0.238	0.105	0.098	0.006
		GABVT	WW22-100378	ASSAY	TB22019772	950.00	951.00	1.00	2.810	0.639	0.282	0.140	0.103	0.007
		Green, grey, white, black. Fg to cg. Pyx:Plag 40:60. Sharp and diffuse grain boundaries. 0.5% diss to cg blebby py, cpy, po. Moderate chl and act alt. Felsic veins and dikes occasionally. Gradational upper and sharp lower contact.	WW22-100379	ASSAY	TB22019772	951.00	952.00	1.00	1.825	0.249	0.059	0.046	0.062	0.004
			WW22-100380	ASSAY	TB22019772	952.00	953.00	1.00	1.415	0.164	0.045	0.022	0.053	0.004
			WW22-100381	ASSAY	TB22019772	953.00	954.00	1.00	0.516	0.064	0.077	0.040	0.051	0.004
			WW22-100382	ASSAY	TB22019772	954.00	955.00	1.00	0.515	0.048	0.049	0.024	0.036	0.004
			WW22-100383	ASSAY	TB22019772	955.00	956.00	1.00	2.220	0.295	0.152	0.086	0.080	0.006
			WW22-100384	ASSAY	TB22019772	956.00	957.00	1.00	0.306	0.038	0.019	0.019	0.029	0.003
			WW22-100385	ASSAY	TB22019772	957.00	958.00	1.00	0.021	0.003	0.004	0.006	0.020	0.003
			WW22-100387	ASSAY	TB22019772	958.00	959.00	1.00	0.644	0.079	0.031	0.029	0.036	0.003
			WW22-100388	ASSAY	TB22019772	959.00	960.00	1.00	1.160	0.126	0.037	0.016	0.046	0.004
			WW22-100389	ASSAY	TB22019772	960.00	961.00	1.00	0.744	0.080	0.019	0.015	0.019	0.003
			WW22-100390	ASSAY	TB22019772	961.00	962.00	1.00	1.220	0.152	0.154	0.075	0.083	0.005
			WW22-100392	ASSAY	TB22019773	962.00	963.00	1.00	2.250	0.310	0.222	0.077	0.087	0.006
			WW22-100393	ASSAY	TB22019773	963.00	964.00	1.00	5.380	0.596	0.420	0.188	0.171	0.013
			WW22-100394	ASSAY	TB22019773	964.00	965.00	1.00	2.180	0.259	0.164	0.059	0.088	0.008
			WW22-100395	ASSAY	TB22019773	965.00	966.00	1.00	3.680	0.490	0.331	0.110	0.127	0.009
			WW22-100396	ASSAY	TB22019773	966.00	967.00	1.00	1.690	0.226	0.168	0.061	0.070	0.006
			WW22-100397	ASSAY	TB22019773	967.00	968.00	1.00	3.030	0.397	0.173	0.096	0.107	0.007
			WW22-100398	ASSAY	TB22019773	968.00	969.00	1.00	4.660	0.669	0.051	0.035	0.108	0.006
			WW22-100399	ASSAY	TB22019773	969.00	970.00	1.00	1.580	0.222	0.028	0.016	0.061	0.006
			WW22-100400	ASSAY	TB22019773	970.00	971.00	1.00	3.480	0.471	0.102	0.058	0.092	0.007
			WW22-100401	ASSAY	TB22019773	971.00	972.00	1.00	0.503	0.103	0.026	0.015	0.044	0.006
			WW22-100402	ASSAY	TB22019773	972.00	973.18	1.18	0.268	0.049	0.012	0.012	0.031	0.004
			WW22-100403	ASSAY	TB22019773	973.18	973.93	0.75	0.137	0.025	0.002	0.003	0.035	0.005
973.93	975.92	DIKE-Felsic	WW22-100404	ASSAY	TB22019773	973.93	974.95	1.02	0.038	0.021	0.001	0.001	0.004	0.001
		Felsic Dike	WW22-100405	ASSAY	TB22019773	974.95	975.92	0.97	0.029	0.006	0.004	0.003	0.013	0.002
		White, black, grey, pink. Fine to medium grained. Qtz-bt-plag. Moderate K-alt. Sulfide poor. Sharp upper and lower contact.												

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
975.92	1,012.00	PYXT-OI	WW22-100406	ASSAY	TB22019773	975.92	977.00	1.08	0.584	0.078	0.011	0.014	0.039	0.004
		Ultramafic Interval. - OL-PYXT	WW22-100407	ASSAY	TB22019773	977.00	978.00	1.00	0.276	0.043	0.007	0.005	0.055	0.007
		Similar to ultramafic interval observed earlier on in the hole.	WW22-100409	ASSAY	TB22019773	978.00	979.00	1.00	0.966	0.100	0.011	0.010	0.054	0.005
		Black with light to dark grey crystals. Light coloured crystals are iridescent. Medium to coarse grained.	WW22-100410	ASSAY	TB22019773	979.00	980.00	1.00	0.368	0.080	0.001	0.004	0.141	0.011
		Medium grained from 975.92-1004m, coarse grained 1004-1007.05m, and then medium 1007.05-1012m.	WW22-100411	ASSAY	TB22019773	980.00	981.00	1.00	0.433	0.085	0.011	0.011	0.151	0.012
		Overall sulfide poor, with exception of 992-996m with trace diss po. 'Soapy' serpentinized feel. Felsic dikes present in the first 6m of the interval.	WW22-100412	ASSAY	TB22019773	981.00	982.00	1.00	0.277	0.063	0.015	0.013	0.117	0.010
		pXRF Mg values within the medium grained portions ranges between 12-15% and the coarse grained section ranges from 15-20%. Mag sus values > 100SI.	WW22-100413	ASSAY	TB22019773	982.00	983.00	1.00	2.780	0.304	0.129	0.043	0.098	0.007
		Similar to the ultramafic interval seen in drillholes 21-657, 20-414 and 20-415. Could potentially be a serpentinized olivine pyroxenite - but thin section needed to confirm this. Four thin sections taken (2 in Mg and 2 in Cg) in this interval. Gradational upper and lower contact.	WW22-100414	ASSAY	TB22019773	983.00	984.00	1.00	0.015	0.003	0.006	0.009	0.006	0.001
			WW22-100415	ASSAY	TB22019773	984.00	985.00	1.00	1.760	0.182	0.122	0.037	0.069	0.005
			WW22-100416	ASSAY	TB22019773	985.00	986.00	1.00	0.539	0.097	0.046	0.022	0.112	0.009
			WW22-100418	ASSAY	TB22019773	986.00	987.00	1.00	0.475	0.108	0.041	0.012	0.149	0.012
			WW22-100419	ASSAY	TB22019773	987.00	988.00	1.00	1.050	0.167	0.065	0.026	0.155	0.012
			WW22-100420	ASSAY	TB22019773	988.00	989.00	1.00	0.555	0.089	0.046	0.026	0.162	0.013
			WW22-100421	ASSAY	TB22019773	989.00	990.00	1.00	0.386	0.086	0.021	0.004	0.158	0.013
			WW22-100422	ASSAY	TB22019773	990.00	991.00	1.00	1.645	0.284	0.157	0.004	0.116	0.010
			WW22-100423	ASSAY	TB22019773	991.00	992.00	1.00	0.731	0.127	0.059	0.029	0.161	0.013
			WW22-100424	ASSAY	TB22204173	992.00	993.00	1.00	1.320	0.200	0.090	0.027	0.156	0.013
			WW22-100425	ASSAY	TB22019773	993.00	994.00	1.00	0.463	0.094	0.038	0.017	0.145	0.012
			WW22-100426	ASSAY	TB22204173	994.00	995.00	1.00	0.271	0.058	0.014	0.001	0.090	0.008
			WW22-100427	ASSAY	TB22019773	995.00	996.00	1.00	5.340	0.658	0.389	0.107	0.222	0.014
			WW22-100428	ASSAY	TB22019773	996.00	997.00	1.00	7.640	0.886	0.840	0.186	0.214	0.012
			WW22-100429	ASSAY	TB22019773	997.00	998.00	1.00	4.490	0.546	0.470	0.099	0.145	0.010
			WW22-100430	ASSAY	TB22019773	998.00	999.00	1.00	6.040	0.744	0.517	0.120	0.185	0.011
			WW22-100431	ASSAY	TB22019773	999.00	1000.00	1.00	6.430	0.766	0.645	0.145	0.185	0.010
			WW22-100432	ASSAY	TB22019773	1000.00	1001.00	1.00	3.160	0.377	0.288	0.087	0.110	0.008
			WW22-100433	ASSAY	TB22019773	1001.00	1002.00	1.00	0.150	0.050	0.006	0.006	0.152	0.012
			WW22-100434	ASSAY	TB22019773	1002.00	1003.00	1.00	0.206	0.058	0.007	0.004	0.162	0.013
			WW22-100435	ASSAY	TB22019773	1003.00	1004.00	1.00	0.829	0.129	0.065	0.014	0.181	0.014
			WW22-100436	ASSAY	TB22204173	1004.00	1005.00	1.00	0.922	0.138	0.096	0.024	0.188	0.014
			WW22-100437	ASSAY	TB22204173	1005.00	1006.00	1.00	0.141	0.045	0.009	0.007	0.189	0.015
			WW22-100438	ASSAY	TB22019773	1006.00	1007.00	1.00	0.141	0.042	0.009	0.006	0.169	0.014

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100440	ASSAY	TB22019773	1007.00	1008.00	1.00	0.847	0.131	0.087	0.010	0.135	0.012
			WW22-100441	ASSAY	TB22019773	1008.00	1009.00	1.00	2.110	0.255	0.147	0.038	0.152	0.013
			WW22-100442	ASSAY	TB22019773	1009.00	1010.00	1.00	0.174	0.039	0.048	0.061	0.094	0.008
			WW22-100443	ASSAY	TB22019773	1010.00	1011.00	1.00	0.123	0.034	0.018	0.010	0.103	0.009
			WW22-100444	ASSAY	TB22019773	1011.00	1012.00	1.00	0.181	0.038	0.003	0.008	0.121	0.010
1,012.00	1,034.69	NOR	WW22-100445	ASSAY	TB22019773	1012.00	1013.00	1.00	0.226	0.035	0.034	0.020	0.051	0.008
NOR			WW22-100446	ASSAY	TB22019773	1013.00	1014.00	1.00	0.168	0.014	0.024	0.012	0.036	0.005
		Grey, green, white, black. Medium grained. Diffuse grain boundaries. Pyx:Plag 60:40. Trace disseminated to mg bleby cpy, po, py. Mostly disseminated. Mg sulphides are Po. Moderate chl alt. Leucocratic segment from 1020.60-1021.38m. GABVT segments 5-10cm occasionally. Felsic veins and dikes present in unit. Gradational upper and lower contacts.	WW22-100447	ASSAY	TB22019773	1014.00	1015.07	1.07	0.235	0.030	0.032	0.018	0.048	0.007
			WW22-100448	ASSAY	TB22019773	1015.07	1016.00	0.93	1.530	0.195	0.155	0.033	0.071	0.007
			WW22-100449	ASSAY	TB22019773	1016.00	1017.00	1.00	1.090	0.151	0.115	0.031	0.082	0.010
			WW22-100450	ASSAY	TB22019773	1017.00	1018.00	1.00	3.730	0.517	0.353	0.086	0.125	0.010
			WW22-100451	ASSAY	TB22019773	1018.00	1019.00	1.00	3.050	0.401	0.284	0.051	0.138	0.011
			WW22-100452	ASSAY	TB22019773	1019.00	1020.00	1.00	2.690	0.390	0.309	0.071	0.115	0.009
			WW22-100454	ASSAY	TB22019773	1020.00	1021.00	1.00	1.040	0.151	0.072	0.019	0.048	0.005
			WW22-100455	ASSAY	TB22019773	1021.00	1022.00	1.00	4.960	0.584	0.335	0.101	0.131	0.008
			WW22-100456	ASSAY	TB22019773	1022.00	1023.00	1.00	0.149	0.044	0.030	0.007	0.042	0.007
			WW22-100457	ASSAY	TB22019773	1023.00	1024.00	1.00	0.530	0.083	0.058	0.018	0.057	0.008
			WW22-100458	ASSAY	TB22019773	1024.00	1025.00	1.00	0.226	0.053	0.023	0.006	0.044	0.007
			WW22-100459	ASSAY	TB22019773	1025.00	1026.00	1.00	1.365	0.192	0.137	0.038	0.072	0.008
			WW22-100461	ASSAY	TB22019773	1026.00	1027.00	1.00	1.940	0.231	0.202	0.056	0.070	0.006
			WW22-100462	ASSAY	TB22019773	1027.00	1028.00	1.00	1.740	0.210	0.186	0.038	0.072	0.006
			WW22-100463	ASSAY	TB22019773	1028.00	1029.00	1.00	4.620	0.303	0.273	0.043	0.104	0.008
			WW22-100464	ASSAY	TB22019773	1029.00	1030.00	1.00	1.235	0.148	0.107	0.036	0.074	0.008
			WW22-100465	ASSAY	TB22019773	1030.00	1031.00	1.00	2.800	0.343	0.081	0.016	0.063	0.005
			WW22-100466	ASSAY	TB22019773	1031.00	1032.00	1.00	0.160	0.023	0.006	0.006	0.034	0.005
			WW22-100467	ASSAY	TB22019773	1032.00	1033.40	1.40	2.140	0.253	0.123	0.034	0.067	0.006
			WW22-100468	ASSAY	TB22019773	1033.40	1034.69	1.29	1.380	0.151	0.034	0.008	0.070	0.006

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,034.69	1,048.81	MNOR	WW22-100470	ASSAY	TB22019775	1034.69	1036.00	1.31	1.285	0.203	0.077	0.009	0.074	0.007
		MNOR	WW22-100471	ASSAY	TB22019775	1036.00	1037.00	1.00	1.245	0.243	0.117	0.049	0.156	0.012
		Dark grey, black, green. Medium grained. Sharp and diffuse boundaries. Pyx:Plag 60:40 to 65:35, plag poor.	WW22-100472	ASSAY	TB22019775	1037.00	1038.00	1.00	0.645	0.108	0.060	0.008	0.130	0.011
		Trace disseminated cpy, po. Moderate chl and act alt.	WW22-100473	ASSAY	TB22019775	1038.00	1039.00	1.00	1.315	0.240	0.057	0.002	0.095	0.010
		Gradational upper and lower contact.	WW22-100474	ASSAY	TB22019775	1039.00	1040.00	1.00	0.562	0.111	0.046	0.014	0.139	0.011
			WW22-100475	ASSAY	TB22019775	1040.00	1041.00	1.00	0.208	0.059	0.008	0.004	0.148	0.011
			WW22-100476	ASSAY	TB22019775	1041.00	1042.00	1.00	0.321	0.066	0.059	0.011	0.105	0.010
			WW22-100477	ASSAY	TB22019775	1042.00	1043.00	1.00	0.378	0.072	0.020	0.000	0.125	0.011
			WW22-100478	ASSAY	TB22019775	1043.00	1044.00	1.00	0.132	0.046	0.051	0.001	0.103	0.012
			WW22-100479	ASSAY	TB22019775	1044.00	1045.00	1.00	2.910	0.368	0.516	0.002	0.105	0.012
			WW22-100480	ASSAY	TB22019775	1045.00	1046.00	1.00	2.140	0.220	0.087	0.001	0.100	0.011
			WW22-100481	ASSAY	TB22019775	1046.00	1047.00	1.00	1.090	0.131	0.076	0.004	0.080	0.009
			WW22-100483	ASSAY	TB22019775	1047.00	1048.00	1.00	0.648	0.113	0.071	0.019	0.116	0.011
			WW22-100484	ASSAY	TB22019775	1048.00	1048.81	0.81	0.169	0.063	0.045	0.049	0.133	0.011

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
1,048.81	1,107.00	NOR	WW22-100485	ASSAY	TB22019775	1048.81	1050.04	1.23	0.127	0.026	0.009	0.006	0.034	0.004
		NOR	WW22-100486	ASSAY	TB22019775	1050.04	1051.00	0.96	0.602	0.091	0.074	0.023	0.055	0.007
		Grey, white, black, green. Fine to coarse grained, medium dominant. Sharp and diffuse grain boundaries. Leucocratic NORVT interval between 1072-1079m which also hosts the greatest Cu pXRF value of 2586.	WW22-100487	ASSAY	TB22019775	1051.00	1052.00	1.00	0.150	0.028	0.017	0.012	0.051	0.007
		Mineralization varies within this interval. It begins as trace disseminated to fg blebby cpy, po, py from 1048.81-1069m. Increases to 1.5% disseminated to medium grained cpy, po, py from 1069-1083m. Decreases to 1% disseminated to medium grained cpy, po, py from 1083-1104m.	WW22-100488	ASSAY	TB22019775	1052.00	1053.00	1.00	0.033	0.006	0.011	0.014	0.034	0.004
		Mafic and felsic dikes intermittent. Moderate chl and act alt. Gradational upper contact.	WW22-100489	ASSAY	TB22019775	1053.00	1054.00	1.00	0.122	0.007	0.030	0.023	0.040	0.005
		END OF HOLE - HAD TO WEDGE THIS HOLE, DUE TO DRILLING ERROR. 18M OF STEEL IS LEFT AT BOTTOM OF HOLE.	WW22-100490	ASSAY	TB22019775	1054.00	1055.00	1.00	0.844	0.106	0.081	0.029	0.052	0.005
			WW22-100491	ASSAY	TB22019775	1055.00	1056.00	1.00	5.020	0.620	0.417	0.120	0.159	0.009
			WW22-100492	ASSAY	TB22019775	1056.00	1057.00	1.00	0.403	0.061	0.044	0.015	0.066	0.009
			WW22-100493	ASSAY	TB22019775	1057.00	1058.00	1.00	0.603	0.104	0.059	0.023	0.068	0.008
			WW22-100494	ASSAY	TB22019775	1058.00	1059.00	1.00	0.398	0.066	0.041	0.011	0.051	0.006
			WW22-100495	ASSAY	TB22019775	1059.00	1060.00	1.00	0.713	0.090	0.049	0.012	0.058	0.006
			WW22-100496	ASSAY	TB22019775	1060.00	1061.00	1.00	0.214	0.060	0.021	0.011	0.062	0.007
			WW22-100497	ASSAY	TB22019775	1061.00	1062.00	1.00	0.443	0.085	0.070	0.025	0.123	0.011
			WW22-100498	ASSAY	TB22019775	1062.00	1063.00	1.00	2.720	0.318	0.128	0.036	0.096	0.007
			WW22-100499	ASSAY	TB22019775	1063.00	1064.00	1.00	1.530	0.223	0.097	0.021	0.084	0.008
			WW22-100501	ASSAY	TB22019775	1064.00	1065.00	1.00	2.450	0.311	0.219	0.052	0.093	0.008
			WW22-100502	ASSAY	TB22019775	1065.00	1066.00	1.00	1.045	0.135	0.071	0.024	0.081	0.009
			WW22-100503	ASSAY	TB22019775	1066.00	1067.00	1.00	2.540	0.327	0.238	0.055	0.115	0.009
			WW22-100504	ASSAY	TB22019775	1067.00	1068.00	1.00	4.110	0.517	0.354	0.081	0.138	0.010
			WW22-100505	ASSAY	TB22019775	1068.00	1069.00	1.00	3.540	0.427	0.346	0.075	0.117	0.009
			WW22-100506	ASSAY	TB22019775	1069.00	1070.00	1.00	4.280	0.520	0.374	0.121	0.139	0.009
			WW22-100507	ASSAY	TB22019775	1070.00	1071.00	1.00	0.519	0.076	0.050	0.029	0.070	0.005
			WW22-100508	ASSAY	TB22019775	1071.00	1072.00	1.00	1.190	0.183	0.058	0.023	0.052	0.005
			WW22-100509	ASSAY	TB22019775	1072.00	1073.00	1.00	1.635	0.236	0.172	0.071	0.089	0.008
			WW22-100510	ASSAY	TB22019775	1073.00	1074.00	1.00	0.504	0.113	0.074	0.035	0.078	0.009
			WW22-100511	ASSAY	TB22019775	1074.00	1075.00	1.00	0.219	0.039	0.018	0.009	0.045	0.006
			WW22-100512	ASSAY	TB22019775	1075.00	1076.00	1.00	0.593	0.118	0.066	0.040	0.067	0.007
			WW22-100513	ASSAY	TB22019775	1076.00	1077.00	1.00	2.850	0.342	0.161	0.099	0.104	0.008
			WW22-100514	ASSAY	TB22019775	1077.00	1078.00	1.00	0.937	0.101	0.157	0.073	0.068	0.006
			WW22-100516	ASSAY	TB22019775	1078.00	1079.00	1.00	0.553	0.080	0.083	0.056	0.082	0.007
			WW22-100517	ASSAY	TB22019775	1079.00	1080.00	1.00	0.260	0.036	0.084	0.087	0.115	0.009

From	To	Lithology	Sample #	Sample Type	Lab #	From	To	Len	Pd ppm	Pt ppm	Au ppm	Cu %	Co %	Ni %
			WW22-100518	ASSAY	TB22019775	1080.00	1081.00	1.00	1.975	0.232	0.200	0.098	0.133	0.010
			WW22-100519	ASSAY	TB22019775	1081.00	1082.00	1.00	3.280	0.376	0.401	0.161	0.187	0.012
			WW22-100520	ASSAY	TB22019775	1082.00	1083.00	1.00	2.690	0.327	0.233	0.118	0.149	0.011
			WW22-100521	ASSAY	TB22019775	1083.00	1084.00	1.00	0.056	0.007	0.051	0.052	0.078	0.008
			WW22-100522	ASSAY	TB22019775	1084.00	1084.92	0.92	0.683	0.085	0.081	0.075	0.090	0.007
			WW22-100524	ASSAY	TB22019775	1084.92	1086.00	1.08	3.370	0.389	0.220	0.128	0.111	0.009
			WW22-100525	ASSAY	TB22019775	1086.00	1087.00	1.00	1.640	0.159	0.057	0.047	0.081	0.006
			WW22-100526	ASSAY	TB22019775	1087.00	1088.00	1.00	4.020	0.486	0.173	0.120	0.132	0.009
			WW22-100527	ASSAY	TB22019775	1088.00	1089.00	1.00	4.200	0.499	0.277	0.116	0.146	0.010
			WW22-100528	ASSAY	TB22019775	1089.00	1090.00	1.00	3.300	0.350	0.287	0.090	0.122	0.010
			WW22-100529	ASSAY	TB22019775	1090.00	1091.00	1.00	1.025	0.136	0.065	0.029	0.074	0.009
			WW22-100530	ASSAY	TB22019775	1091.00	1092.00	1.00	0.992	0.138	0.069	0.036	0.071	0.007
			WW22-100531	ASSAY	TB22019775	1092.00	1093.00	1.00	6.480	0.729	0.700	0.199	0.199	0.011
			WW22-100532	ASSAY	TB22019775	1093.00	1094.00	1.00	5.730	0.637	0.625	0.211	0.203	0.013
			WW22-100533	ASSAY	TB22019775	1094.00	1095.00	1.00	6.810	0.756	0.730	0.179	0.195	0.012
			WW22-100534	ASSAY	TB22019775	1095.00	1096.00	1.00	10.800	1.280	0.820	0.230	0.245	0.011
			WW22-100535	ASSAY	TB22019775	1096.00	1097.00	1.00	1.780	0.205	0.165	0.042	0.086	0.008
			WW22-100536	ASSAY	TB22019775	1097.00	1098.00	1.00	3.450	0.438	0.381	0.103	0.125	0.009
			WW22-100537	ASSAY	TB22019775	1098.00	1099.00	1.00	1.650	0.198	0.157	0.046	0.090	0.008
			WW22-100538	ASSAY	TB22019775	1099.00	1100.00	1.00	2.400	0.278	0.240	0.062	0.106	0.009
			WW22-100539	ASSAY	TB22019775	1100.00	1101.00	1.00	4.240	0.494	0.445	0.090	0.130	0.009
			WW22-100541	ASSAY	TB22019775	1101.00	1102.00	1.00	3.500	0.426	0.357	0.098	0.116	0.009
			WW22-100542	ASSAY	TB22019775	1102.00	1103.00	1.00	4.840	0.577	0.446	0.149	0.149	0.010
			WW22-100543	ASSAY	TB22019775	1103.00	1104.00	1.00	1.470	0.185	0.109	0.044	0.071	0.007
			WW22-100544	ASSAY	TB22019775	1104.00	1105.00	1.00	0.569	0.062	0.021	0.008	0.037	0.004
			WW22-100545	ASSAY	TB22019775	1105.00	1106.00	1.00	0.200	0.021	0.024	0.016	0.036	0.005
			WW22-100546	ASSAY	TB22019775	1106.00	1107.00	1.00	1.165	0.144	0.161	0.049	0.059	0.006

Survey Data					
Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.04	195.89	-57.71	EXSPRINT	O	
5.04	195.96	-57.42	EXSPRINT	O	
10.11	196.17	-57.47	EXSPRINT	O	
15.00	196.16	-57.57	EXSPRINT	O	
20.07	196.07	-57.53	EXSPRINT	O	
25.03	195.99	-57.65	EXSPRINT	O	
30.11	196.20	-57.59	EXSPRINT	O	
35.01	196.07	-57.51	EXSPRINT	O	
40.12	196.32	-57.58	EXSPRINT	O	
45.00	196.25	-57.49	EXSPRINT	O	
50.02	196.41	-57.57	EXSPRINT	O	
55.09	196.46	-57.52	EXSPRINT	O	
60.08	196.54	-57.50	EXSPRINT	O	
65.12	196.57	-57.43	EXSPRINT	O	
70.00	196.42	-57.43	EXSPRINT	O	
75.02	196.59	-57.41	EXSPRINT	O	
80.00	196.82	-57.37	EXSPRINT	O	
85.05	196.79	-57.38	EXSPRINT	O	
90.03	196.81	-57.40	EXSPRINT	O	
95.08	197.00	-57.35	EXSPRINT	O	
100.00	196.92	-57.46	EXSPRINT	O	
105.12	197.22	-57.48	EXSPRINT	O	
110.10	197.36	-57.58	EXSPRINT	O	
115.11	197.32	-57.59	EXSPRINT	O	
120.13	197.25	-57.68	EXSPRINT	O	
125.16	197.22	-57.68	EXSPRINT	O	
130.04	197.17	-57.71	EXSPRINT	O	
135.01	197.23	-57.62	EXSPRINT	O	
140.05	197.07	-57.57	EXSPRINT	O	
145.12	197.28	-57.68	EXSPRINT	O	
150.09	197.38	-57.68	EXSPRINT	O	
155.01	197.33	-57.73	EXSPRINT	O	
160.02	197.37	-57.77	EXSPRINT	O	
165.07	197.25	-57.81	EXSPRINT	O	
170.09	197.41	-57.84	EXSPRINT	O	
175.03	197.36	-57.82	EXSPRINT	O	
180.12	197.33	-57.86	EXSPRINT	O	

185.00	197.51	-57.81	EXSPRINT	O
190.08	197.64	-57.82	EXSPRINT	O
195.05	197.40	-57.81	EXSPRINT	O
200.01	197.53	-57.80	EXSPRINT	O
205.04	197.71	-57.81	EXSPRINT	O
210.00	197.83	-57.80	EXSPRINT	O
215.12	197.91	-57.78	EXSPRINT	O
220.00	197.86	-57.79	EXSPRINT	O
225.04	198.01	-57.81	EXSPRINT	O
230.05	198.04	-57.82	EXSPRINT	O
235.13	198.05	-57.81	EXSPRINT	O
240.02	198.03	-57.80	EXSPRINT	O
245.08	197.97	-57.81	EXSPRINT	O
250.08	197.92	-57.81	EXSPRINT	O
255.04	197.88	-57.77	EXSPRINT	O
260.11	197.97	-57.76	EXSPRINT	O
265.02	197.99	-57.78	EXSPRINT	O
270.10	198.18	-57.77	EXSPRINT	O
275.01	198.18	-57.76	EXSPRINT	O
280.00	198.12	-57.78	EXSPRINT	O
285.05	198.09	-57.74	EXSPRINT	O
290.13	198.16	-57.76	EXSPRINT	O
295.08	198.24	-57.76	EXSPRINT	O
300.09	198.20	-57.72	EXSPRINT	O
305.07	198.23	-57.69	EXSPRINT	O
310.11	198.21	-57.67	EXSPRINT	O
315.08	198.31	-57.71	EXSPRINT	O
320.06	198.48	-57.64	EXSPRINT	O
325.05	198.52	-57.62	EXSPRINT	O
330.14	198.46	-57.59	EXSPRINT	O
335.01	198.61	-57.60	EXSPRINT	O
340.09	198.65	-57.64	EXSPRINT	O
345.05	198.48	-57.61	EXSPRINT	O
350.05	198.59	-57.63	EXSPRINT	O
355.03	198.48	-57.61	EXSPRINT	O
360.02	198.52	-57.62	EXSPRINT	O
365.05	198.49	-57.64	EXSPRINT	O
370.02	198.58	-57.60	EXSPRINT	O
375.08	198.58	-57.55	EXSPRINT	O
380.14	198.53	-57.58	EXSPRINT	O

385.04	198.93	-57.67	EXSPRINT	O
390.03	198.97	-57.75	EXSPRINT	O
395.12	199.16	-57.78	EXSPRINT	O
400.04	199.19	-57.74	EXSPRINT	O
405.00	199.18	-57.87	EXSPRINT	O
410.11	199.18	-57.82	EXSPRINT	O
415.07	199.12	-57.95	EXSPRINT	O
420.11	199.14	-57.89	EXSPRINT	O
425.14	199.00	-57.88	EXSPRINT	O
430.09	199.12	-57.93	EXSPRINT	O
435.01	199.04	-57.91	EXSPRINT	O
440.06	199.05	-57.94	EXSPRINT	O
445.04	199.07	-57.99	EXSPRINT	O
450.08	199.16	-57.93	EXSPRINT	O
455.08	199.14	-57.97	EXSPRINT	O
460.03	199.24	-57.96	EXSPRINT	O
465.04	199.20	-57.98	EXSPRINT	O
470.09	199.10	-57.94	EXSPRINT	O
475.09	199.13	-57.92	EXSPRINT	O
480.05	199.27	-58.06	EXSPRINT	O
485.09	199.47	-58.10	EXSPRINT	O
490.12	199.58	-58.10	EXSPRINT	O
495.13	199.65	-58.16	EXSPRINT	O
500.04	199.70	-58.14	EXSPRINT	O
505.10	199.68	-58.25	EXSPRINT	O
510.12	199.75	-58.34	EXSPRINT	O
515.11	199.95	-58.30	EXSPRINT	O
520.03	199.90	-58.38	EXSPRINT	O
525.02	200.01	-58.39	EXSPRINT	O
530.01	199.99	-58.39	EXSPRINT	O
535.09	200.17	-58.41	EXSPRINT	O
540.05	200.12	-58.43	EXSPRINT	O
545.02	200.12	-58.39	EXSPRINT	O
550.02	200.21	-58.27	EXSPRINT	O
555.13	200.21	-58.31	EXSPRINT	O
560.12	200.38	-58.37	EXSPRINT	O
565.09	200.49	-58.41	EXSPRINT	O
570.02	200.51	-58.40	EXSPRINT	O
575.10	200.56	-58.44	EXSPRINT	O
580.10	200.71	-58.64	EXSPRINT	O

585.05	200.78	-58.68	EXSPRINT	O
590.10	200.86	-58.71	EXSPRINT	O
595.01	201.08	-58.73	EXSPRINT	O
600.08	201.54	-58.82	EXSPRINT	O
605.03	202.14	-58.91	EXSPRINT	O
610.10	202.21	-58.95	EXSPRINT	O
615.04	202.23	-58.92	EXSPRINT	O
620.09	202.29	-58.90	EXSPRINT	O
625.00	202.24	-58.89	EXSPRINT	O
630.02	202.35	-58.91	EXSPRINT	O
635.04	202.17	-58.95	EXSPRINT	O
640.10	202.44	-59.11	EXSPRINT	O
645.10	202.67	-59.27	EXSPRINT	O
650.10	202.86	-59.34	EXSPRINT	O
655.10	202.70	-59.39	EXSPRINT	O
660.00	203.14	-59.48	EXSPRINT	O
665.10	203.17	-59.61	EXSPRINT	O
670.10	203.30	-59.66	EXSPRINT	O
675.00	203.42	-59.63	EXSPRINT	O
680.00	203.50	-59.67	EXSPRINT	O
685.10	203.68	-59.73	EXSPRINT	O
690.10	203.72	-59.75	EXSPRINT	O
695.00	203.81	-59.75	EXSPRINT	O
700.00	203.86	-59.78	EXSPRINT	O
705.10	203.89	-59.83	EXSPRINT	O
710.10	203.96	-59.96	EXSPRINT	O
715.00	204.00	-59.96	EXSPRINT	O
720.10	203.94	-59.95	EXSPRINT	O
725.00	203.85	-60.05	EXSPRINT	O
730.00	203.78	-60.10	EXSPRINT	O
735.10	203.90	-60.21	EXSPRINT	O
740.10	203.81	-60.28	EXSPRINT	O
745.10	203.78	-60.32	EXSPRINT	O
750.10	203.53	-60.29	EXSPRINT	O
755.10	203.42	-60.22	EXSPRINT	O
760.20	203.15	-60.16	EXSPRINT	O
765.10	203.23	-60.14	EXSPRINT	O
770.10	203.06	-60.13	EXSPRINT	O
775.10	202.97	-60.12	EXSPRINT	O
780.00	203.11	-60.17	EXSPRINT	O

785.00	203.09	-59.70	EXSPRINT	O
790.10	203.14	-59.68	EXSPRINT	O
795.10	203.17	-59.74	EXSPRINT	O
800.00	203.27	-59.77	EXSPRINT	O
805.00	203.28	-59.91	EXSPRINT	O
810.10	203.28	-60.01	EXSPRINT	O
815.10	203.35	-59.97	EXSPRINT	O
820.10	203.43	-60.07	EXSPRINT	O
825.10	203.50	-60.16	EXSPRINT	O
830.10	203.64	-60.18	EXSPRINT	O
835.00	203.83	-60.26	EXSPRINT	O
840.10	204.09	-60.27	EXSPRINT	O
845.00	203.76	-60.27	EXSPRINT	O
850.00	203.57	-60.32	EXSPRINT	O
855.10	203.50	-60.31	EXSPRINT	O
860.00	203.52	-60.33	EXSPRINT	O
865.10	203.59	-60.30	EXSPRINT	O
870.10	203.80	-60.24	EXSPRINT	O
875.10	203.71	-60.28	EXSPRINT	O
880.10	203.84	-60.26	EXSPRINT	O
885.10	203.93	-60.25	EXSPRINT	O
890.10	204.02	-60.27	EXSPRINT	O
895.10	204.23	-60.26	EXSPRINT	O
900.10	204.25	-60.24	EXSPRINT	O
905.10	204.35	-60.25	EXSPRINT	O
910.10	204.37	-60.29	EXSPRINT	O
915.10	204.34	-60.28	EXSPRINT	O
920.10	204.42	-60.29	EXSPRINT	O
925.00	204.40	-60.24	EXSPRINT	O
930.10	204.65	-60.21	EXSPRINT	O
935.10	204.89	-60.19	EXSPRINT	O
940.00	205.08	-60.16	EXSPRINT	O
945.10	205.15	-60.14	EXSPRINT	O
950.10	205.26	-60.13	EXSPRINT	O
955.10	205.54	-60.17	EXSPRINT	O
960.10	205.58	-60.17	EXSPRINT	O
965.10	205.68	-60.28	EXSPRINT	O
970.00	205.77	-60.28	EXSPRINT	O
975.00	205.66	-60.28	EXSPRINT	O
980.10	205.70	-60.29	EXSPRINT	O

Hole Number: **21-706Z**

Units: **METRIC**

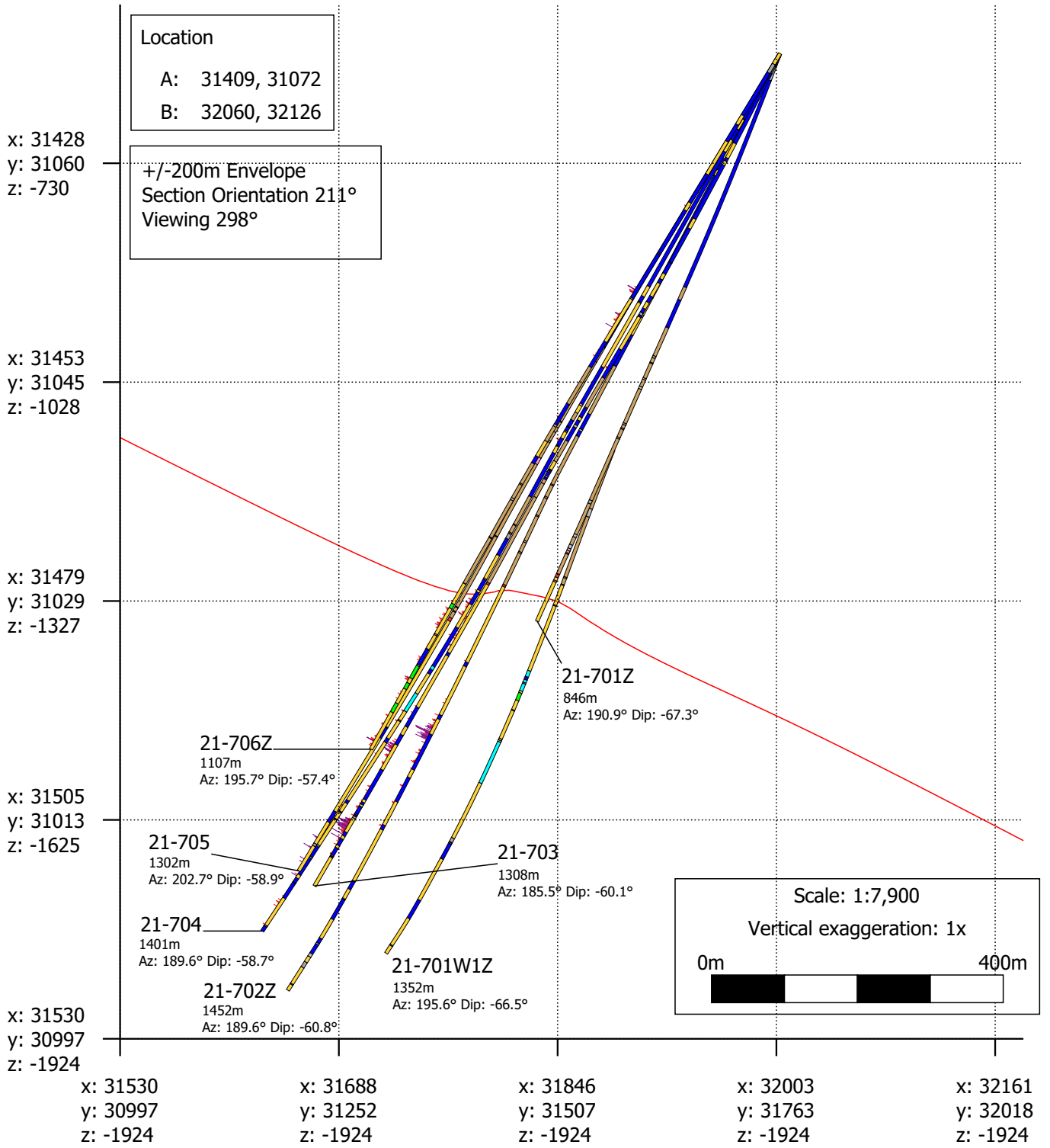
985.10	205.61	-60.31	EXSPRINT	O
990.10	205.59	-60.33	EXSPRINT	O
995.00	205.73	-60.49	EXSPRINT	O
1000.07	205.62	-60.48	EXSPRINT	O
1005.00	205.84	-60.46	EXSPRINT	O
1010.03	206.11	-60.41	EXSPRINT	O
1015.10	206.24	-60.46	EXSPRINT	O
1020.00	206.16	-60.46	EXSPRINT	O
1025.04	206.35	-60.47	EXSPRINT	O
1030.00	206.23	-60.46	EXSPRINT	O
1035.10	206.22	-60.47	EXSPRINT	O
1040.09	206.16	-60.49	EXSPRINT	O
1045.03	206.24	-60.51	EXSPRINT	O
1050.00	206.30	-60.50	EXSPRINT	O
1055.09	206.26	-60.48	EXSPRINT	O
1060.10	206.44	-60.46	EXSPRINT	O
1065.10	206.53	-60.45	EXSPRINT	O
1070.00	206.78	-60.47	EXSPRINT	O
1075.13	206.80	-60.40	EXSPRINT	O
1080.07	206.65	-60.49	EXSPRINT	O
1085.08	206.63	-60.47	EXSPRINT	O
1090.02	206.75	-60.45	EXSPRINT	O
1095.08	206.76	-60.38	EXSPRINT	O
1100.05	206.77	-60.38	EXSPRINT	O

Appendix C: Drill plan and cross sections



Impala Canada	
Camp Lake 2021 Drill Program Plan Map	
Date: 2023-03-02	
Author: Kyle Miller	
Office: LDI	
Drawing:	
Scale: 1:3500	Projection: UTM Zone 16 (NAD 83)

A 2021 Camp Lake Cross Section B



Legend

Lithology

OB	DIKE-Intermediate	EGAB	GAB-Hbl	PYXT
DIA	DIKE-Mafic	FAULT	MT	TON
DIKE-Felsic	DIOR	GAB VT	NOR	VEIN

Pd (ppm)

≤ 0.5	≤ 1	≤ 2	≤ 3.5	≤ 7	> 7
-------	-----	-----	-------	-----	-----

Surfaces

Camp Lake Fault



Appendix D: Assay Certificates



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: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: 1
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 18-MAY-2021
Account: MZI

CERTIFICATE TB21101517

Project: 18-101

P.O. No.: 182449

This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 25-APR-2021.

The following have access to data associated with this certificate:

JAMI BROWN
DENIS DECHARTE
LDIM WEBTRIEVE

KAITLYN CHOVANCAK
CLAIRE MCGUINNESS

SAM DAVIES
KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21101517

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-103769		1.19	<1	1	<5	1	<1	1	12.50	<0.5
HH21-103770		3.18	10	115	28	118	363	51	6.37	<0.5
HH21-103771		1.85	9	198	69	95	385	54	6.87	<0.5
HH21-103772		2.41	9	248	70	102	406	55	7.14	<0.5
HH21-103773		2.14	11	221	53	113	490	65	8.72	<0.5
HH21-103774		1.41	8	449	64	83	524	67	8.95	<0.5
HH21-103775		2.05	11	337	36	100	649	83	11.40	<0.5
HH21-103776		2.89	8	378	55	67	490	60	7.96	<0.5
HH21-103777		2.33	11	338	59	84	422	49	6.06	<0.5
HH21-103778		0.07	5010	2030	1300	88	85	62	0.26	0.6
HH21-103779		2.47	7	369	43	46	523	64	8.98	<0.5
HH21-103780		2.64	9	310	87	72	283	30	3.68	<0.5
HH21-103781		2.42	19	855	169	112	691	82	11.45	<0.5
HH21-103782		2.79	9	437	125	85	526	68	9.32	<0.5
HH21-103783		2.50	10	459	72	89	617	76	10.75	<0.5
HH21-103784		2.59	7	560	103	57	665	79	11.25	<0.5
HH21-103785		2.89	14	588	72	137	612	63	8.09	<0.5
HH21-103786		3.68	5	463	57	44	413	47	5.59	<0.5
HH21-103787		1.53	7	15	<5	174	64	23	1.29	<0.5
HH21-103788		2.64	5	5	<5	206	57	29	1.56	<0.5
HH21-103789		2.59	3	2	<5	190	57	38	1.93	<0.5
HH21-103790		2.43	<1	1	<5	62	31	34	1.77	<0.5
HH21-103791		2.87	4	2	<5	100	31	33	1.67	<0.5
HH21-103792		2.46	<1	3	<5	108	38	30	1.60	<0.5
HH21-103793		2.62	1	4	<5	101	33	29	1.42	<0.5
HH21-103794		2.74	1	2	<5	86	31	40	2.02	<0.5
HH21-103795		2.53	1	13	<5	94	39	40	2.03	<0.5
HH21-103796		2.52	<1	1	<5	92	41	45	2.37	<0.5
HH21-103797		2.48	8	7	<5	171	44	44	2.33	<0.5
HH21-103798		0.07	88	631	321	4690	4650	121	4.06	2.5
HH21-103799		2.27	40	50	7	303	75	32	1.79	<0.5
HH21-103800		2.28	3	7	<5	128	42	35	1.75	<0.5
HH21-103801		2.43	2	18	<5	139	84	31	1.84	<0.5
HH21-103802		2.25	4	19	<5	144	42	26	1.36	<0.5
HH21-103803		2.46	10	4	<5	216	30	30	1.49	<0.5
HH21-103804		2.53	15	2	<5	200	31	31	1.52	<0.5
HH21-103805		2.40	7	11	<5	136	42	32	1.42	<0.5
HH21-103806		2.35	17	12	<5	157	67	32	1.34	<0.5
HH21-103807		2.68	22	6	<5	294	67	31	1.42	<0.5
HH21-103808		1.12	<1	1	<5	1	<1	<1	12.90	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21101517

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-103809		2.43	47	35	<5	418	113	34	1.61	<0.5
HH21-103810		2.38	22	53	<5	327	93	28	1.48	<0.5
HH21-103811		2.39	28	450	110	228	400	48	5.58	<0.5
HH21-103812		2.29	6	365	90	44	421	35	4.54	<0.5
HH21-103813		2.03	5	258	63	49	406	36	4.61	<0.5
HH21-103814		2.39	6	92	32	60	259	28	3.52	<0.5
HH21-103815		2.43	16	630	201	141	463	45	5.63	<0.5
HH21-103816		2.35	20	314	88	179	418	45	5.55	<0.5
HH21-103817		2.40	8	169	67	111	349	45	5.49	<0.5
HH21-103818		2.48	7	136	52	99	302	39	4.83	<0.5
HH21-103819		2.62	15	213	33	242	327	48	4.73	<0.5
HH21-103820		2.43	18	74	14	318	301	52	5.20	<0.5
HH21-103821		2.35	15	340	50	200	371	51	5.69	<0.5
HH21-103822		2.35	4	250	55	44	325	41	5.52	<0.5
HH21-103823		2.38	4	273	62	54	352	45	6.05	<0.5
HH21-103824		2.42	7	356	82	76	379	48	6.39	<0.5
HH21-103825		2.18	7	287	74	79	368	47	6.28	<0.5
HH21-103826		2.33	7	385	86	64	358	43	5.62	<0.5
HH21-103827		0.07	2000	1620	216	8870	643	51	4.62	4.9
HH21-103828		2.45	7	349	86	43	345	41	5.45	<0.5
HH21-103829		2.41	65	763	160	438	590	52	5.72	<0.5
HH21-103830		2.61	23	548	96	231	506	49	5.47	<0.5
HH21-103831		2.32	15	224	27	262	407	52	5.52	<0.5
HH21-103832		2.36	6	289	81	163	275	35	4.36	<0.5
HH21-103833		2.36	20	811	111	239	607	53	6.00	<0.5
HH21-103834		2.43	9	289	63	95	395	40	4.80	<0.5
HH21-103835		2.24	9	321	80	105	391	52	6.58	<0.5
HH21-103836		2.05	16	377	101	150	462	56	7.41	<0.5
HH21-103837		2.19	38	741	156	337	540	43	5.11	<0.5
HH21-103838		2.43	14	288	69	142	304	25	2.45	<0.5
HH21-103839		2.30	9	302	57	114	357	35	3.84	<0.5
HH21-103840		2.39	9	92	18	189	410	58	6.23	<0.5
HH21-103841		2.43	13	141	16	198	389	53	5.90	<0.5
HH21-103842		2.35	30	839	92	594	700	65	5.62	0.6
HH21-103843		2.56	16	149	24	311	411	56	5.83	<0.5
HH21-103844		2.38	20	708	103	263	502	42	4.42	<0.5
HH21-103845		2.43	48	1085	145	637	625	50	5.17	0.5
HH21-103846		0.07	95	618	289	4340	4240	114	3.84	1.8



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556 TENTH AVE
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Page: Appendix 1
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Finalized Date: 18-MAY-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21101517

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21101518

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 25-APR-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21101518

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
HH21-103847		1.16	<1	<1	<5	2	3	<1	12.25	<0.5
HH21-103848		2.27	30	831	115	460	675	51	5.75	<0.5
HH21-103849		2.33	70	1100	124	703	959	60	5.95	<0.5
HH21-103850		2.42	48	1020	141	824	999	63	6.15	<0.5
HH21-103851		2.15	20	467	101	478	500	40	4.84	<0.5
HH21-103852		2.52	39	948	201	646	743	50	5.22	0.5
HH21-103853		2.26	10	489	108	239	522	35	4.39	<0.5
HH21-103854		2.30	12	451	114	824	647	44	4.78	<0.5
HH21-103855		2.49	35	361	80	712	793	67	6.89	0.9
HH21-103856		2.63	18	293	53	96	322	36	4.26	<0.5
HH21-103857		2.33	5	579	106	77	362	30	3.81	<0.5
HH21-103858		2.42	59	1480	196	911	806	46	4.85	<0.5
HH21-103859		2.38	38	1480	162	447	1285	65	4.48	<0.5
HH21-103860		2.33	7	476	134	78	473	40	5.20	<0.5
HH21-103861		2.38	36	749	134	603	749	63	6.56	0.7
HH21-103862		2.55	25	1060	145	329	946	51	4.68	<0.5
HH21-103863		2.24	2	683	112	28	437	24	2.93	<0.5
HH21-103864		2.50	3	441	104	17	312	24	3.28	<0.5
HH21-103865		2.14	1	228	75	14	240	20	2.68	<0.5
HH21-103866		2.33	2	281	61	34	317	27	3.55	<0.5
HH21-103867		0.07	4890	2080	1325	87	83	63	0.26	0.7
HH21-103868		2.43	61	1640	204	1155	1350	58	4.53	0.8
HH21-103869		2.28	7	1430	149	248	916	42	3.44	<0.5
HH21-103870		2.29	5	664	111	127	367	28	3.13	<0.5
HH21-103871		2.23	20	73	23	592	162	21	2.28	<0.5
HH21-103872		2.31	23	564	69	407	400	27	2.58	<0.5
HH21-103873		0.07	80	623	334	4280	4200	111	3.87	1.7
HH21-103874		2.18	43	1280	228	556	908	45	4.15	<0.5
HH21-103875		2.45	35	954	189	640	736	44	4.49	<0.5
HH21-103876		2.31	17	625	143	197	590	47	5.61	<0.5
HH21-103877		2.37	32	390	74	234	676	71	9.61	<0.5
HH21-103878		2.44	26	376	69	195	644	69	9.45	<0.5
HH21-103879		2.51	28	393	71	201	600	67	9.18	<0.5
HH21-103880		2.39	15	359	75	112	540	68	9.70	<0.5
HH21-103881		2.23	37	556	115	306	644	69	9.57	<0.5
HH21-103882		2.34	23	470	126	154	547	64	9.11	<0.5
HH21-103883		2.40	22	461	111	131	460	49	6.96	<0.5
HH21-103884		2.33	39	487	110	174	501	51	7.46	<0.5
HH21-103885		2.49	77	614	120	383	608	46	5.84	<0.5
HH21-103886		2.26	30	389	94	195	490	44	5.77	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21101518

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-103887		2.54	9	106	27	143	500	64	9.80	<0.5
HH21-103888		2.14	6	271	74	92	375	48	6.45	<0.5
HH21-103889		2.37	6	284	76	84	389	50	6.81	<0.5
HH21-103890		2.35	5	279	69	75	356	48	6.41	<0.5
HH21-103891		2.21	4	263	79	78	336	45	5.87	<0.5
HH21-103892		2.35	4	260	76	83	333	43	5.48	<0.5
HH21-103893		2.33	3	237	77	69	314	42	5.37	<0.5
HH21-103894		2.47	3	255	78	69	314	42	5.58	<0.5
HH21-103895		1.05	<1	<1	<5	1	2	<1	11.90	<0.5
HH21-103896		2.30	2	265	91	69	273	36	4.60	<0.5
HH21-103897		2.43	5	247	91	82	271	36	4.47	<0.5
HH21-103898		2.47	2	253	90	71	258	34	4.33	<0.5
HH21-103899		2.38	1	286	88	63	243	33	4.05	<0.5
HH21-103900		2.40	15	726	107	227	418	30	3.38	<0.5
HH21-103901		2.48	4	272	82	78	239	32	3.67	<0.5
HH21-103902		2.33	3	298	99	91	281	39	4.82	<0.5
HH21-103903		2.39	3	348	102	98	304	42	5.19	<0.5
HH21-103904		2.35	7	378	98	120	271	36	4.25	<0.5
HH21-103905		2.37	5	317	78	64	275	39	4.64	<0.5
HH21-103906		2.26	4	295	73	44	286	40	5.13	<0.5
HH21-103907		0.07	1780	1660	235	8170	613	49	4.40	4.4
HH21-103908		2.35	6	305	71	65	279	39	4.35	<0.5
HH21-103909		2.30	9	325	70	76	277	39	4.35	<0.5
HH21-103910		2.41	9	422	81	62	306	38	4.42	<0.5
HH21-103911		2.40	16	408	91	155	345	41	4.74	<0.5
HH21-103912		2.29	24	1470	158	211	535	37	3.15	<0.5
HH21-103913		2.40	29	547	112	252	408	39	4.02	<0.5
HH21-103914		2.28	20	227	93	222	365	33	3.52	<0.5
HH21-103915		0.07	65	601	314	4230	4150	110	3.75	1.5
HH21-103916		2.34	17	290	82	139	295	29	3.26	<0.5
HH21-103917		2.32	49	890	140	397	573	46	4.89	<0.5
HH21-103918		2.46	21	465	121	130	537	74	9.69	<0.5
HH21-103919		2.32	99	686	116	452	662	65	7.26	<0.5
HH21-103920		2.48	127	494	71	704	701	73	7.49	<0.5
HH21-103921		2.35	44	553	99	248	531	55	6.88	<0.5
HH21-103922		2.41	12	394	100	109	507	68	9.03	<0.5
HH21-103923		2.38	10	379	101	101	505	67	8.80	<0.5
HH21-103924		2.54	10	378	96	106	491	65	8.73	<0.5



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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21101518

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21105322

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 28-APR-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21105322

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-103925		1.24	<1	2	<5	<1	6	<1	12.45	<0.5
HH21-103926		2.33	7	423	99	95	482	62	8.37	<0.5
HH21-103927		2.50	4	318	81	93	488	63	8.45	0.5
HH21-103928		2.46	28	104	24	70	472	62	8.43	<0.5
HH21-103929		2.34	4	237	70	131	424	62	7.55	<0.5
HH21-103930		2.36	3	204	76	89	370	57	6.94	0.5
HH21-103931		2.37	14	291	77	221	522	66	7.98	0.5
HH21-103932		2.46	47	948	117	666	756	63	6.65	0.8
HH21-103933		2.59	70	987	108	817	922	66	6.08	0.8
HH21-103934		2.50	59	1020	92	794	853	70	7.09	1.1
HH21-103935		2.33	10	74	22	219	368	54	5.92	0.6
HH21-103936		2.35	9	58	16	220	355	53	5.92	0.5
HH21-103937		2.21	22	96	25	359	481	57	6.24	0.7
HH21-103938		2.32	63	209	43	619	588	60	6.31	0.9
HH21-103939		2.28	19	55	12	332	421	55	6.01	0.7
HH21-103940		2.42	3	285	69	304	460	61	6.83	0.5
HH21-103941		0.07	5110	2050	1320	89	88	65	0.27	1.0
HH21-103942		2.41	18	525	68	205	590	72	8.78	<0.5
HH21-103943		2.39	20	458	93	212	435	52	6.18	0.6
HH21-103944		2.37	15	357	54	263	470	53	6.25	0.5
HH21-103945		2.38	16	238	40	332	524	55	6.26	0.5
HH21-103946		2.39	37	654	86	674	906	66	7.10	0.7
HH21-103947		2.37	34	853	121	892	1205	80	7.77	1.0
HH21-103948		2.57	13	400	65	187	717	86	11.40	0.7
HH21-103949		2.43	8	305	37	130	743	91	12.65	<0.5
HH21-103950		2.51	12	369	51	159	796	92	12.70	<0.5
HH21-103951		2.59	8	286	38	104	739	92	12.75	<0.5
HH21-103952		2.44	29	185	42	432	611	66	7.09	0.6
HH21-103953		2.54	30	125	36	384	469	61	6.47	<0.5
HH21-103954		0.07	67	618	293	4590	4430	118	4.05	2.3
HH21-103955		2.30	33	131	41	324	456	59	6.26	<0.5
HH21-103956		2.33	19	58	14	180	327	52	5.76	<0.5
HH21-103957		2.46	47	273	49	372	475	62	6.66	<0.5
HH21-103958		2.36	218	2110	208	1100	1260	79	6.62	0.6
HH21-103959		2.30	249	2130	207	1475	1290	66	5.56	0.6
HH21-103960		2.51	331	2790	288	1405	1365	78	6.49	1.1
HH21-103961		2.50	37	255	60	410	551	73	7.42	0.7
HH21-103962		2.32	32	297	53	506	607	71	6.95	<0.5
HH21-103963		2.43	11	100	25	348	396	60	6.59	0.6
HH21-103964		2.38	8	48	12	251	360	60	6.15	<0.5



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CERTIFICATE OF ANALYSIS TB21105322

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-103965		2.43	9	38	8	248	284	52	5.59	0.6
HH21-103966		2.52	7	142	38	349	427	69	7.41	0.7
HH21-103967		2.44	22	221	44	361	477	68	6.97	<0.5
HH21-103968		2.36	22	86	24	272	439	69	7.23	1.5
HH21-103969		1.52	<1	1	<5	2	7	<1	11.55	0.6
HH21-103970		2.60	24	70	21	313	405	62	6.52	1.1
HH21-103971		2.49	19	453	95	170	675	85	11.70	<0.5
HH21-103972		2.49	13	277	58	156	607	71	9.24	<0.5
HH21-103973		2.51	17	625	152	150	504	74	8.91	<0.5
HH21-103974		2.56	22	103	25	238	388	53	6.28	<0.5
HH21-103975		2.18	25	81	15	247	371	51	5.93	0.7
HH21-103976		2.41	29	397	51	438	535	53	6.10	<0.5
HH21-103977		2.50	70	887	100	747	856	60	6.00	0.5
HH21-103978		2.37	39	533	78	345	548	66	7.95	0.6
HH21-103979		2.38	31	435	72	436	518	53	5.96	0.5
HH21-103980		2.33	63	1190	156	804	1190	75	5.98	0.8
HH21-103981		2.54	58	616	111	525	734	69	8.18	<0.5
HH21-103982		2.38	15	459	104	122	672	90	12.25	<0.5
HH21-103983		2.54	13	396	109	106	606	75	10.40	<0.5
HH21-103984		2.42	14	354	76	101	534	69	9.46	<0.5
HH21-103985		2.61	16	516	84	120	638	81	11.10	<0.5
HH21-103986		2.39	13	500	101	83	665	83	11.70	<0.5
HH21-103987		2.73	9	281	52	70	566	70	10.10	<0.5
HH21-103988		0.07	1920	1720	235	8840	663	52	4.74	4.9
HH21-103989		2.75	15	425	90	113	647	79	11.25	<0.5
HH21-103990		2.43	12	294	64	91	558	70	9.56	0.6
HH21-103991		2.62	34	705	106	228	647	70	9.12	<0.5
HH21-103992		2.53	22	260	52	211	478	51	6.13	0.6
HH21-103993		2.52	18	112	17	294	496	49	6.13	<0.5
HH21-103994		0.07	94	610	300	4390	4280	115	3.91	2.2
HH21-103995		2.38	25	565	51	250	757	55	4.98	<0.5
HH21-103996		2.59	26	180	25	472	533	46	5.28	0.6
HH21-103997		2.46	14	108	19	265	449	49	5.99	0.5
HH21-103998		2.48	22	112	19	403	532	54	6.41	0.9
HH21-103999		2.38	17	321	46	386	518	53	6.20	<0.5
HH21-104000		2.47	10	106	20	189	382	51	6.05	<0.5
HH21-104001		2.76	17	205	44	365	515	66	7.34	<0.5
HH21-104002		2.71	15	276	70	296	568	65	7.90	<0.5



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556 TENTH AVE
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 19-MAY-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21105322

	CERTIFICATE COMMENTS
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada CRU-32 CRU-QC LOG-21 LOG-23 PUL-35 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-ICP61 PGM-ICP23



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CERTIFICATE TB21109021

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 2-MAY-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21109021

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
	LOD	0.02	1	1	5	1	1	1	0.01	0.5
HH21-104003		2.00	<1	<1	<5	1	<1	<1	10.50	<0.5
HH21-104004		2.12	37	441	94	633	805	65	6.35	0.6
HH21-104005		2.04	29	270	78	265	633	63	7.21	<0.5
HH21-104006		2.24	14	384	131	138	539	62	7.46	<0.5
HH21-104007		2.06	95	543	140	880	959	94	9.79	0.5
HH21-104008		2.15	35	208	43	368	550	57	5.89	<0.5
HH21-104009		1.90	65	340	88	563	823	73	7.74	<0.5
HH21-104010		2.06	21	268	67	343	598	60	7.00	<0.5
HH21-104011		2.10	31	357	86	521	684	60	6.48	<0.5
HH21-104012		2.12	20	229	46	185	483	54	6.38	<0.5
HH21-104013		2.11	15	349	75	208	575	63	7.36	<0.5
HH21-104014		2.12	14	266	102	146	564	61	7.62	<0.5
HH21-104015		0.07	4740	2030	1280	89	87	62	0.26	0.7
HH21-104016		2.11	51	856	124	718	1000	76	7.97	<0.5
HH21-104017		2.01	86	1200	193	936	1015	78	7.93	0.5
HH21-104018		2.15	40	251	56	373	501	65	7.09	<0.5
HH21-104019		2.23	40	230	40	341	502	57	6.19	<0.5
HH21-104020		1.99	113	817	90	1145	1045	76	6.70	<0.5
HH21-104021		2.08	213	531	90	840	920	86	9.14	0.5
HH21-104022		2.07	134	525	94	583	815	70	7.03	<0.5
HH21-104023		2.24	92	529	75	877	885	76	7.64	<0.5
HH21-104024		2.05	111	398	64	646	636	72	7.37	0.5
HH21-104025		2.19	37	243	49	328	526	64	6.57	<0.5
HH21-104026		2.08	124	922	141	713	1065	72	7.32	0.6
HH21-104027		2.08	77	527	85	696	733	62	6.81	0.6
HH21-104028		2.01	39	227	56	244	544	58	6.88	<0.5
HH21-104029		2.17	52	299	83	429	644	56	6.21	<0.5
HH21-104030		2.05	78	218	46	273	593	58	6.65	<0.5
HH21-104031		1.95	39	211	41	249	527	57	7.13	<0.5
HH21-104032		2.06	38	249	46	220	545	58	7.35	<0.5
HH21-104033		0.07	81	608	289	4470	4360	113	3.85	1.9
HH21-104034		2.14	33	213	44	222	502	57	7.06	<0.5
HH21-104035		2.22	39	330	70	324	582	57	6.67	<0.5
HH21-104036		2.09	36	213	38	195	498	55	6.77	<0.5
HH21-104037		2.03	55	239	44	287	540	62	7.21	<0.5
HH21-104038		2.19	105	331	57	525	681	58	6.46	<0.5
HH21-104039		2.05	98	564	62	700	724	59	5.82	<0.5
HH21-104040		2.05	69	191	34	427	533	51	5.49	<0.5
HH21-104041		2.09	52	406	50	493	686	59	6.08	<0.5
HH21-104042		2.04	78	462	68	685	743	62	6.13	0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21109021

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-104043		1.97	48	530	58	779	783	65	6.50	0.5
HH21-104044		2.29	30	319	53	522	516	52	5.45	<0.5
HH21-104045		2.09	73	1015	114	736	770	66	6.52	0.5
HH21-104046		2.53	48	355	47	497	620	64	6.82	<0.5
HH21-104047		2.43	66	360	84	551	671	67	7.13	<0.5
HH21-104048		2.65	49	247	48	437	544	61	6.23	<0.5
HH21-104049		2.59	41	211	35	371	522	58	6.43	<0.5
HH21-104050		1.39	1	1	<5	2	2	<1	12.20	<0.5
HH21-104051		2.97	51	285	51	463	586	58	6.57	<0.5
HH21-104052		2.74	28	299	42	499	533	54	6.19	<0.5
HH21-104053		3.24	18	450	66	344	561	54	6.31	0.5
HH21-104054		2.17	14	804	96	138	553	57	7.39	<0.5
HH21-104055		2.47	55	954	108	380	601	60	7.25	<0.5
HH21-104056		2.70	49	1530	151	449	794	70	8.04	<0.5
HH21-104057		2.38	31	595	98	450	699	64	7.12	<0.5
HH21-104058		2.70	20	671	85	295	621	60	7.41	<0.5
HH21-104059		2.60	27	598	135	292	560	63	7.83	<0.5
HH21-104060		2.41	45	564	98	448	609	60	7.21	<0.5
HH21-104061		2.08	31	721	92	193	513	62	7.86	<0.5
HH21-104062		0.07	1890	1655	223	8730	632	48	4.43	4.8
HH21-104063		3.12	195	1305	153	1180	1135	72	7.17	0.7
HH21-104064		2.51	312	1505	173	1595	1340	73	6.32	1.1
HH21-104065		2.24	34	816	95	389	645	61	7.88	<0.5
HH21-104066		2.58	11	994	94	926	686	51	5.57	1.1
HH21-104067		2.30	27	364	38	908	409	45	4.31	0.7
HH21-104068		3.52	13	148	9	337	159	18	1.24	<0.5
HH21-104069		2.06	106	79	15	327	296	47	3.80	<0.5
HH21-104070		2.55	159	566	53	650	583	55	4.68	0.5
HH21-104071		2.65	8	13	<5	121	273	39	4.73	<0.5
HH21-104072		2.50	80	816	92	821	654	55	5.15	0.9
HH21-104073		2.63	29	162	21	295	368	46	4.65	<0.5
HH21-104074		2.66	34	1420	101	681	918	72	5.13	0.8
HH21-104075		0.07	143	595	299	4520	4520	114	3.91	2.1
HH21-104076		2.71	11	758	10	208	334	47	5.05	0.6
HH21-104077		2.60	23	319	35	462	406	41	3.82	<0.5
HH21-104078		2.59	16	55	9	192	265	37	4.24	<0.5
HH21-104079		2.68	25	63	18	251	374	45	4.92	<0.5
HH21-104080		2.57	45	159	20	354	452	50	5.07	0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21109021

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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 Account: MZI

CERTIFICATE TB21109024

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 2-MAY-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21109024

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-104081		1.62	<1	<1	<5	1	1	1	12.25	<0.5
HH21-104082		2.60	174	520	67	834	617	59	5.28	<0.5
HH21-104083		2.71	129	265	27	775	500	55	5.71	<0.5
HH21-104084		2.34	30	226	30	419	438	47	4.80	<0.5
HH21-104085		2.57	32	126	33	369	439	48	4.68	<0.5
HH21-104086		2.63	8	24	7	177	268	44	4.54	<0.5
HH21-104087		2.78	11	106	17	315	427	61	6.61	<0.5
HH21-104088		2.71	11	202	50	340	561	62	5.73	0.7
HH21-104089		2.47	11	109	18	171	413	48	5.55	<0.5
HH21-104090		2.64	13	82	17	159	364	47	5.86	<0.5
HH21-104091		2.44	23	120	31	151	374	50	6.20	<0.5
HH21-104092		2.51	18	46	15	120	360	49	6.23	<0.5
HH21-104093		2.74	24	124	17	189	392	51	6.10	<0.5
HH21-104094		2.67	8	60	16	127	340	45	5.60	<0.5
HH21-104095		2.67	31	168	37	387	537	62	6.53	<0.5
HH21-104096		0.07	4480	1960	1170	88	84	62	0.25	0.9
HH21-104097		2.54	72	336	61	501	684	72	7.40	<0.5
HH21-104098		2.53	12	203	43	181	441	57	6.84	<0.5
HH21-104099		2.48	15	113	27	148	371	50	6.19	<0.5
HH21-104100		2.61	30	146	28	293	381	49	5.83	<0.5
HH21-104101		2.57	41	167	36	320	500	60	6.85	<0.5
HH21-104102		2.43	72	170	31	696	795	69	7.36	0.5
HH21-104103		2.89	34	127	24	367	480	59	6.74	<0.5
HH21-104104		2.60	21	46	11	214	359	54	6.07	<0.5
HH21-104105		2.44	24	97	25	285	424	55	6.34	<0.5
HH21-104106		2.65	42	286	64	584	718	70	6.98	<0.5
HH21-104107		0.07	82	621	333	4560	4310	112	4.01	2.4
HH21-104108		2.52	20	269	72	226	495	58	7.49	<0.5
HH21-104109		2.56	106	595	100	827	1225	80	6.24	1.1
HH21-104110		2.02	12	25	6	158	301	46	5.41	<0.5
HH21-104111		2.62	18	36	9	357	369	51	5.27	0.8
HH21-104112		2.64	17	102	26	354	438	90	5.35	<0.5
HH21-104113		2.50	6	5	<5	160	280	44	5.30	<0.5
HH21-104114		2.37	7	15	<5	264	212	33	3.56	<0.5
HH21-104115		2.48	5	7	<5	148	257	42	4.63	<0.5
HH21-104116		2.61	15	52	14	453	356	59	5.88	0.5
HH21-104117		2.48	15	31	7	429	392	49	4.67	<0.5
HH21-104118		2.44	10	32	12	193	270	45	4.89	<0.5
HH21-104119		2.46	22	65	19	264	316	48	5.10	<0.5
HH21-104120		2.57	22	65	13	205	282	48	5.01	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21109024

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-104121		2.53	25	169	21	233	323	47	4.99	<0.5
HH21-104122		2.66	15	90	16	261	320	46	4.82	<0.5
HH21-104123		2.60	21	93	17	175	302	45	4.89	<0.5
HH21-104124		2.52	50	283	42	419	436	50	4.80	<0.5
HH21-104125		2.68	31	271	39	352	422	48	4.74	<0.5
HH21-104126		2.53	16	127	22	231	336	50	4.86	<0.5
HH21-104127		2.74	9	43	10	189	227	42	4.47	<0.5
HH21-104128		2.23	25	239	33	349	433	55	5.07	<0.5
HH21-104129		1.79	<1	1	<5	1	2	<1	12.40	<0.5
HH21-104130		2.56	88	479	60	572	403	51	5.03	<0.5
HH21-104131		2.62	10	47	13	131	246	48	5.29	<0.5
HH21-104132		2.55	78	427	46	526	514	57	4.72	<0.5
HH21-104133		2.68	52	308	41	506	494	59	4.60	<0.5
HH21-104134		2.44	54	376	62	464	600	66	5.07	<0.5
HH21-104135		2.27	28	93	18	262	263	45	4.58	<0.5
HH21-104136		2.40	26	80	14	207	243	48	4.49	<0.5
HH21-104137		2.40	16	59	9	233	237	45	4.58	<0.5
HH21-104138		2.39	41	416	46	471	418	44	3.05	<0.5
HH21-104139		2.32	14	41	9	230	152	49	3.91	<0.5
HH21-104140		1.87	70	762	94	876	728	46	2.39	0.8
HH21-104141		0.07	2130	1720	222	8580	630	51	4.53	4.6
HH21-104142		1.96	55	756	80	777	605	38	1.98	0.9
HH21-104143		2.67	32	76	9	220	98	14	1.56	<0.5
HH21-104144		2.08	1	1	<5	61	25	11	1.85	<0.5
HH21-104145		2.54	3	27	<5	79	84	21	3.60	<0.5
HH21-104146		2.39	23	222	21	243	110	32	3.55	<0.5
HH21-104147		2.47	36	219	20	309	134	23	1.43	<0.5
HH21-104148		2.25	107	704	65	701	372	31	1.84	0.5
HH21-104149		2.77	19	768	68	310	218	15	1.11	0.5
HH21-104150		2.39	24	342	27	270	110	12	1.11	<0.5
HH21-104151		2.36	10	89	7	134	62	9	1.14	<0.5
HH21-104152		2.30	1	1	<5	106	25	17	1.52	<0.5
HH21-104153		1.98	3	2	<5	124	29	20	1.54	<0.5
HH21-104154		0.07	91	592	289	4400	4300	117	3.93	1.9
HH21-104155		2.56	4	69	5	74	27	21	1.60	<0.5
HH21-104156		2.25	4	5	<5	257	54	39	1.80	<0.5
HH21-104157		2.37	1	4	<5	104	46	26	2.13	<0.5
HH21-104158		2.25	6	5	<5	260	40	25	1.48	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21109024

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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BUSINESS NUMBER 131081184
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 Finalized Date: 31-MAY-2021
 Account: MZI

CERTIFICATE TB21115998

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 9-MAY-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21115998

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-104159		1.79	<1	1	<5	1	<1	<1	12.20	0.03	0.14	<0.5
HH21-104160		2.30	1	2	<5	129	34	16	1.56	0.12	2.99	<0.5
HH21-104161		2.29	1	3	<5	119	26	13	0.73	0.19	1.98	<0.5
HH21-104162		2.24	1	6	<5	125	35	14	0.99	0.17	2.35	<0.5
HH21-104163		2.09	6	6	<5	99	30	14	0.91	0.09	2.05	<0.5
HH21-104164		2.31	1	27	8	39	143	38	3.97	0.04	5.22	<0.5
HH21-104165		2.45	7	31	8	115	184	41	3.72	0.11	5.37	<0.5
HH21-104166		2.15	10	29	10	145	167	36	3.23	0.12	4.75	<0.5
HH21-104167		2.13	11	390	28	121	290	33	2.82	0.15	3.88	<0.5
HH21-104168		2.37	3	53	10	55	140	24	2.86	0.04	3.26	<0.5
HH21-104169		2.29	8	70	11	215	195	37	3.36	0.13	3.87	<0.5
HH21-104170		0.07	4190	2020	1320	87	84	63	0.25	0.01	2.27	0.5
HH21-104171		2.54	19	41	12	406	270	52	4.92	0.27	5.20	<0.5
HH21-104172		2.34	57	699	80	695	781	70	5.18	0.55	7.15	0.8
HH21-104173		1.98	65	369	39	882	602	55	4.48	0.39	4.84	<0.5
HH21-104174		2.25	9	95	15	173	209	35	3.79	0.10	4.23	<0.5
HH21-104175		2.31	6	90	10	129	204	37	3.92	0.09	4.97	<0.5
HH21-104176		2.27	12	95	12	155	237	43	4.12	0.14	5.22	<0.5
HH21-104177		2.28	7	87	10	71	249	39	5.00	0.03	4.52	<0.5
HH21-104178		2.30	10	330	47	235	270	35	3.40	0.11	3.67	<0.5
HH21-104179		2.64	18	320	43	303	338	40	3.56	0.22	4.32	<0.5
HH21-104180		2.23	12	203	58	189	325	44	4.77	0.12	4.94	<0.5
HH21-104181		2.54	20	224	19	340	365	53	4.92	0.22	5.80	<0.5
HH21-104182		2.48	9	30	<5	191	228	51	4.81	0.14	5.47	<0.5
HH21-104183		2.35	6	40	11	60	176	35	3.64	0.05	4.80	<0.5
HH21-104184		2.61	4	95	21	49	197	32	3.89	0.02	3.87	<0.5
HH21-104185		2.54	5	58	13	73	196	33	3.92	0.02	3.77	<0.5
HH21-104186		0.07	121	610	299	4620	4490	117	4.05	1.63	14.75	1.9
HH21-104187		2.20	6	44	15	76	211	34	4.03	0.02	3.85	<0.5
HH21-104188		2.45	2	41	5	67	192	39	4.05	0.03	4.60	<0.5
HH21-104189		2.06	<1	50	10	42	219	34	4.35	0.01	3.79	<0.5
HH21-104190		2.02	11	292	77	116	258	41	4.16	0.07	4.46	<0.5
HH21-104191		2.12	14	328	162	193	249	48	4.75	0.12	5.38	<0.5
HH21-104192		2.03	4	60	19	114	176	39	3.80	0.08	4.63	<0.5
HH21-104193		2.15	6	84	17	101	261	49	5.54	0.07	5.60	<0.5
HH21-104194		2.08	6	135	35	71	256	47	5.70	0.05	5.44	<0.5
HH21-104195		2.08	11	139	27	102	266	49	5.59	0.05	5.61	<0.5
HH21-104196		2.20	7	126	34	106	301	55	6.53	0.06	6.36	<0.5
HH21-104197		2.18	10	115	19	94	266	46	5.24	0.04	5.45	<0.5
HH21-104198		2.13	35	250	44	215	325	47	5.46	0.09	5.50	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21115998

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104199		2.03	4	89	25	70	282	47	5.81	0.05	5.43	<0.5
HH21-104200		2.27	5	108	34	73	292	48	5.75	0.04	5.35	<0.5
HH21-104201		2.12	5	89	16	75	224	34	4.11	0.03	3.67	<0.5
HH21-104202		2.11	4	112	17	41	238	35	4.38	0.02	3.95	<0.5
HH21-104203		1.78	<1	<1	<5	1	1	1	12.70	<0.01	0.09	<0.5
HH21-104204		2.13	4	3	<5	106	255	45	4.97	0.05	5.05	<0.5
HH21-104205		2.20	2	28	8	59	202	37	4.28	0.03	4.44	<0.5
HH21-104206		2.03	2	39	8	70	137	24	2.62	0.05	3.38	<0.5
HH21-104207		2.04	3	71	18	68	227	37	4.46	0.04	4.35	<0.5
HH21-104208		1.92	<1	13	<5	46	76	15	1.48	0.05	2.52	<0.5
HH21-104209		2.05	<1	<1	<5	20	9	7	0.50	0.02	1.88	<0.5
HH21-104210		1.98	<1	1	<5	12	9	6	0.56	0.10	1.77	<0.5
HH21-104211		1.91	1	131	12	39	42	4	0.35	0.06	1.22	<0.5
HH21-104212		1.98	<1	30	<5	29	16	4	0.30	0.10	1.22	<0.5
HH21-104213		2.12	<1	3	<5	18	4	3	0.14	0.39	1.03	1.4
HH21-104214		2.01	<1	36	<5	15	10	1	0.06	0.09	0.62	<0.5
HH21-104215		0.07	1980	1720	227	8940	646	51	4.63	2.05	7.43	4.6
HH21-104216		2.05	<1	27	<5	39	15	5	0.30	0.44	1.59	<0.5
HH21-104217		2.75	<1	<1	<5	20	18	18	1.47	0.04	4.52	<0.5
HH21-104218		2.70	<1	<1	<5	30	23	14	1.21	0.44	3.55	<0.5
HH21-104219		2.64	<1	1	<5	25	4	4	0.66	0.07	1.90	<0.5
HH21-104220		2.15	<1	1	<5	13	2	2	0.22	0.06	1.17	<0.5
HH21-104221		2.09	<1	1	<5	14	5	6	0.46	0.04	2.01	<0.5
HH21-104222		2.28	<1	<1	<5	10	6	6	0.45	0.07	2.02	<0.5
HH21-104223		0.07	79	595	297	4810	5490	129	3.94	1.84	14.60	1.8
HH21-104224		2.34	<1	1	<5	27	12	8	0.61	0.12	2.38	<0.5
HH21-104225		2.22	<1	1	<5	69	23	15	1.26	0.21	3.76	<0.5
HH21-104226		2.03	<1	2	<5	12	10	7	0.71	0.04	2.31	<0.5
HH21-104227		2.03	<1	<1	<5	49	12	14	1.12	0.26	3.47	<0.5
HH21-104228		2.06	3	2	<5	137	16	17	1.25	0.41	2.77	<0.5
HH21-104229		2.76	3	237	39	284	570	58	11.20	0.05	6.42	<0.5
HH21-104230		3.36	<1	171	65	144	550	70	12.20	0.04	6.71	<0.5
HH21-104231		1.92	2	156	35	47	527	85	11.85	0.05	7.59	<0.5
HH21-104232		3.32	2	79	26	73	486	75	11.45	0.04	6.78	<0.5
HH21-104233		3.45	<1	127	32	64	531	77	12.35	0.03	7.35	<0.5
HH21-104234		1.62	1	94	25	37	533	82	11.90	0.04	7.70	<0.5
HH21-104235		2.62	3	224	44	54	530	80	11.75	0.03	7.59	<0.5
HH21-104236		2.37	1	98	32	43	552	83	12.20	0.03	7.88	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Finalized Date: 31-MAY-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21115998

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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Total # Pages: 3 (A)
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Finalized Date: 10-JUN-2021
Account: MZI

CERTIFICATE TB21129362

Project: 18-101

P.O. No.: 182449

This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 23-MAY-2021.

The following have access to data associated with this certificate:

JAMI BROWN
DENIS DECHARTE
LDIM WEBTRIEVE

KAITLYN CHOVANCAK
CLAIRE MCGUINNESS

SAM DAVIES
KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21129362

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-104237		1.48	<1	<1	<5	1	<1	1	12.70	0.01	0.13	<0.5
HH21-104238		2.53	2	85	28	50	527	81	11.95	0.03	7.54	<0.5
HH21-104239		2.77	<1	98	32	24	546	81	12.15	0.02	7.76	<0.5
HH21-104240		3.07	5	9	<5	77	63	19	1.78	0.46	2.60	<0.5
HH21-104241		2.12	46	3	<5	241	52	49	1.37	1.17	3.03	<0.5
HH21-104242		2.82	12	155	33	88	441	69	9.64	0.17	6.64	<0.5
HH21-104243		2.39	4	133	37	44	517	77	11.05	0.02	7.36	<0.5
HH21-104244		2.18	5	277	58	54	533	79	11.40	0.02	7.52	<0.5
HH21-104245		4.95	6	138	37	63	537	80	11.60	0.02	7.49	<0.5
HH21-104246		1.30	4	89	32	59	540	81	11.55	0.02	7.62	<0.5
HH21-104247		2.31	9	177	41	93	528	79	11.10	0.03	7.30	<0.5
HH21-104248		2.49	5	175	43	156	495	76	10.65	0.05	7.10	<0.5
HH21-104249		2.40	6	115	37	57	518	78	10.90	0.02	7.33	<0.5
HH21-104250		2.84	4	139	37	52	527	78	11.10	0.02	7.43	<0.5
HH21-104251		2.64	8	167	40	57	535	81	11.30	0.03	7.55	<0.5
HH21-104252		0.07	5290	2120	1365	91	88	64	0.28	0.01	2.39	0.7
HH21-104253		2.80	10	180	42	63	536	80	11.25	0.04	7.63	<0.5
HH21-104254		2.33	7	103	30	70	523	80	10.95	0.03	7.42	<0.5
HH21-104255		2.51	5	95	34	55	516	78	10.95	0.01	7.33	<0.5
HH21-104256		2.34	6	136	37	54	511	76	10.80	0.02	7.31	<0.5
HH21-104257		2.50	2	94	22	69	534	81	11.05	0.07	7.47	<0.5
HH21-104258		2.93	3	124	24	66	496	76	10.50	0.05	7.09	<0.5
HH21-104259		2.45	7	121	34	76	524	80	11.10	0.04	7.39	<0.5
HH21-104260		0.07	77	642	314	4560	4370	114	4.02	1.65	14.50	1.9
HH21-104261		2.28	7	149	39	71	523	78	10.90	0.03	7.34	<0.5
HH21-104262		2.65	6	115	33	55	514	77	10.85	0.02	7.30	<0.5
HH21-104263		2.44	7	136	40	56	518	77	10.85	0.02	7.36	<0.5
HH21-104264		2.61	8	132	40	57	509	78	10.75	0.02	7.28	<0.5
HH21-104265		2.59	7	143	36	101	513	76	10.70	0.03	7.27	<0.5
HH21-104266		2.82	5	172	35	60	484	73	10.45	0.02	7.10	<0.5
HH21-104267		2.52	7	132	37	81	516	77	10.70	0.02	7.34	<0.5
HH21-104268		2.63	11	169	39	86	549	83	11.55	0.05	7.70	<0.5
HH21-104269		2.63	14	266	51	88	550	81	11.30	0.05	7.60	<0.5
HH21-104270		2.47	12	143	43	76	533	80	11.10	0.09	7.49	<0.5
HH21-104271		2.41	7	142	38	69	485	74	10.35	0.05	6.99	<0.5
HH21-104272		2.38	9	148	41	67	513	78	10.80	0.03	7.40	<0.5
HH21-104273		2.47	10	148	42	79	531	80	11.15	0.02	7.68	<0.5
HH21-104274		2.77	9	117	37	67	477	74	10.05	0.02	6.98	<0.5
HH21-104275		2.80	9	91	32	84	559	84	11.70	0.03	7.94	<0.5
HH21-104276		2.30	10	93	35	81	560	84	11.75	0.10	7.94	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Finalized Date: 10-JUN-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21129362

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104277		1.15	<1	1	<5	6	4	3	11.75	0.01	0.42	<0.5
HH21-104278		2.46	6	124	35	77	547	83	11.70	0.05	7.89	<0.5
HH21-104279		2.37	4	133	40	80	504	76	11.00	0.03	7.28	<0.5
HH21-104280		2.43	3	129	43	73	529	81	11.20	0.02	7.53	<0.5
HH21-104281		2.41	5	350	66	77	522	79	10.95	0.03	7.37	<0.5
HH21-104282		2.54	6	90	33	68	480	73	10.10	0.03	6.98	<0.5
HH21-104283		2.31	10	111	34	75	482	73	10.20	0.02	6.96	<0.5
HH21-104284		2.48	7	116	34	83	517	78	10.70	0.02	7.35	<0.5
HH21-104285		2.52	5	108	38	48	497	76	10.50	0.01	7.15	<0.5
HH21-104286		1.95	13	675	96	90	554	81	10.95	0.03	7.51	<0.5
HH21-104287		2.22	10	181	35	93	552	81	11.10	0.02	7.62	<0.5
HH21-104288		2.24	<1	99	29	52	489	76	10.25	0.01	7.13	<0.5
HH21-104289		2.42	1	101	33	65	533	82	11.10	0.01	7.67	<0.5
HH21-104290		2.44	3	153	42	82	533	80	10.80	0.02	7.55	<0.5
HH21-104291		2.39	<1	109	32	70	526	79	10.95	0.01	7.61	<0.5
HH21-104292		2.32	<1	88	31	63	472	72	9.82	0.01	6.87	<0.5
HH21-104293		2.43	5	489	77	99	539	81	10.85	0.02	7.57	<0.5
HH21-104294		2.42	2	105	31	73	508	77	10.65	0.02	7.36	<0.5
HH21-104295		2.46	2	186	44	84	506	76	10.40	0.02	7.28	<0.5
HH21-104296		2.42	2	75	28	88	501	78	10.60	0.03	7.57	<0.5
HH21-104297		2.22	1	125	31	74	502	77	10.55	0.02	7.62	<0.5
HH21-104298		2.36	2	236	42	81	498	80	10.50	0.02	7.64	<0.5
HH21-104299		2.55	2	97	32	57	477	77	10.30	0.02	7.46	<0.5
HH21-104300		0.07	1880	1680	234	8510	621	51	4.46	1.99	7.27	4.7
HH21-104301		3.47	2	96	28	43	493	78	10.55	0.01	7.50	<0.5
HH21-104302		2.71	115	4330	1495	842	595	50	6.71	0.12	4.74	<0.5
HH21-104303		2.41	209	2740	146	598	1140	54	5.77	0.20	4.59	<0.5
HH21-104304		2.40	48	338	66	165	424	45	5.97	0.03	4.52	<0.5
HH21-104305		2.49	50	420	44	514	583	47	5.91	0.10	4.60	<0.5
HH21-104306		2.29	12	90	<5	207	441	45	5.84	0.04	4.29	<0.5
HH21-104307		2.36	10	21	<5	178	378	42	5.60	0.03	4.04	<0.5
HH21-104308		0.07	67	626	337	4550	4460	120	4.00	1.69	14.60	1.9
HH21-104309		2.39	9	90	8	166	383	48	6.10	0.03	4.62	<0.5
HH21-104310		2.39	21	270	24	303	462	53	6.44	0.05	4.72	<0.5
HH21-104311		2.54	23	87	10	523	520	54	6.19	0.11	4.65	<0.5
HH21-104312		2.39	10	45	6	146	303	48	6.05	0.04	4.51	<0.5
HH21-104313		2.39	18	39	8	331	340	49	5.88	0.06	4.34	<0.5
HH21-104314		2.40	55	62	25	945	777	66	6.22	0.26	4.84	0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
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Finalized Date: 21-JUN-2021
Account: MZI

CERTIFICATE TB21144157

Project: 18-101

P.O. No.: 182449

This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 6-JUN-2021.

The following have access to data associated with this certificate:

JAMI BROWN
DENIS DECHARTE
LDIM WEBTRIEVE

KAITLYN CHOVANCAK
CLAIRE MCGUINNESS

SAM DAVIES
KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21144157

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104471		1.91	<1	<1	<5	3	<1	<1	11.75	0.01	0.10	<0.5
HH21-104472		2.40	1	<1	<5	114	216	58	5.15	0.30	6.57	<0.5
HH21-104473		2.08	3	68	6	165	243	57	5.33	0.35	6.85	<0.5
HH21-104474		2.47	<1	<1	<5	123	225	63	5.44	0.39	7.03	<0.5
HH21-104475		2.25	<1	<1	<5	128	219	63	5.35	0.40	6.94	<0.5
HH21-104476		2.16	2	9	<5	113	218	61	5.44	0.35	6.91	<0.5
HH21-104477		1.99	2	209	17	225	390	68	5.31	0.51	7.20	<0.5
HH21-104478		2.40	1	2	<5	141	213	58	5.21	0.34	6.90	<0.5
HH21-104479		2.41	<1	36	<5	142	202	50	4.89	0.36	6.46	<0.5
HH21-104480		1.93	1	11	<5	134	205	61	5.25	0.46	7.02	<0.5
HH21-104481		2.42	2	27	<5	151	253	62	5.15	0.36	6.90	<0.5
HH21-104482		2.21	<1	<1	<5	144	204	62	5.51	0.44	7.46	<0.5
HH21-104483		2.12	2	92	5	135	256	62	5.26	0.18	6.85	<0.5
HH21-104484		2.15	<1	17	<5	70	205	57	5.40	0.09	7.07	<0.5
HH21-104485		2.33	<1	1	<5	65	189	57	5.23	0.10	6.88	<0.5
HH21-104486		2.15	3	<1	<5	120	214	59	5.31	0.13	6.96	<0.5
HH21-104487		2.30	<1	<1	<5	73	198	56	5.36	0.08	6.84	<0.5
HH21-104488		2.13	<1	<1	<5	81	208	61	5.67	0.10	7.25	<0.5
HH21-104489		2.19	<1	<1	<5	75	215	61	5.84	0.10	7.46	<0.5
HH21-104490		2.62	3	26	<5	132	217	59	5.36	0.14	7.09	<0.5
HH21-104491		2.29	1	27	<5	104	220	62	5.55	0.11	7.16	<0.5
HH21-104492		2.31	<1	<1	<5	106	218	65	5.91	0.11	7.41	<0.5
HH21-104493		0.07	5140	1880	1130	92	91	66	0.27	0.01	2.37	0.9
HH21-104494		2.18	<1	<1	<5	93	216	63	5.89	0.08	7.27	<0.5
HH21-104495		1.97	<1	<1	<5	93	234	69	6.28	0.07	7.81	<0.5
HH21-104496		2.14	2	13	<5	100	217	63	5.78	0.08	7.27	<0.5
HH21-104497		2.09	7	247	16	226	314	66	5.59	0.19	7.26	<0.5
HH21-104498		2.15	4	24	<5	147	203	55	4.75	0.12	6.35	<0.5
HH21-104499		2.17	80	867	58	618	531	69	4.77	0.49	7.07	<0.5
HH21-104500		2.12	11	63	<5	140	164	50	4.66	0.09	6.08	<0.5
HH21-104501		2.21	17	54	<5	243	213	54	4.53	0.15	6.27	<0.5
HH21-104502		2.07	1	69	21	45	390	60	8.09	0.02	5.96	<0.5
HH21-104503		3.10	1	94	29	48	517	78	10.75	0.01	7.51	<0.5
HH21-104504		1.69	<1	<1	<5	108	31	21	1.71	0.16	5.02	<0.5
HH21-104505		0.07	91	624	280	4560	4460	116	4.09	1.55	14.65	2.2
HH21-104506		2.18	<1	1	<5	50	26	14	1.36	0.08	3.66	<0.5
HH21-104507		2.01	<1	<1	<5	32	19	10	1.16	0.09	3.06	<0.5
HH21-104508		2.38	2	1	<5	25	30	13	1.04	0.32	2.58	<0.5
HH21-104509		1.77	1	60	<5	13	77	18	1.15	0.12	3.12	<0.5
HH21-104510		2.12	4	274	43	157	464	69	10.60	0.11	6.44	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 21-JUN-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21144157

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104511		2.73	2	90	30	46	525	77	11.65	0.03	7.20	<0.5
HH21-104512		2.13	1	103	31	38	509	77	11.20	0.02	7.13	<0.5
HH21-104513		2.34	2	99	30	48	512	77	11.10	0.02	7.19	<0.5
HH21-104514		2.49	6	92	28	46	520	77	11.15	0.03	7.33	<0.5
HH21-104515		2.24	6	165	42	64	521	77	11.00	0.03	7.31	<0.5
HH21-104516		0.99	6	83	30	54	502	76	10.55	0.02	7.01	<0.5
HH21-104517		1.14	5	86	26	51	517	78	11.10	0.02	7.18	<0.5
HH21-104518		1.14	8	78	29	66	514	78	10.80	0.02	7.24	<0.5
HH21-104519		1.46	6	93	28	60	518	79	11.10	0.02	7.37	<0.5
HH21-104520		1.27	<1	<1	<5	1	2	<1	11.35	0.01	0.09	<0.5
HH21-104521		1.49	4	74	31	57	512	78	11.05	0.02	7.38	<0.5
HH21-104522		1.22	7	71	26	56	509	79	10.80	0.02	7.26	<0.5
HH21-104523		1.39	8	108	32	58	508	77	10.95	0.02	7.33	<0.5
HH21-104524		1.06	8	256	49	72	526	79	10.75	0.04	7.24	<0.5
HH21-104525		1.11	7	211	40	55	518	80	10.85	0.04	7.29	<0.5
HH21-104526		1.33	6	84	29	47	513	78	11.00	0.02	7.40	<0.5
HH21-104527		1.21	11	103	31	51	519	80	11.00	0.02	7.44	<0.5
HH21-104528		0.07	2030	1720	213	8870	646	50	4.60	2.06	7.33	4.9
HH21-104529		1.21	9	173	48	74	518	79	10.90	0.04	7.32	<0.5
HH21-104530		1.55	9	123	36	56	520	80	10.90	0.02	7.34	<0.5
HH21-104531		1.23	9	149	46	48	503	76	10.35	0.02	7.09	<0.5
HH21-104532		1.40	1	86	31	74	502	70	11.00	0.04	7.24	<0.5
HH21-104533		1.27	1	99	31	27	524	74	10.90	0.03	7.27	<0.5
HH21-104534		1.46	6	184	41	47	530	79	10.85	0.03	7.43	<0.5
HH21-104535		1.40	8	116	30	65	526	80	10.70	0.02	7.30	<0.5
HH21-104536		1.19	6	219	45	51	518	79	10.75	0.03	7.31	<0.5
HH21-104537		1.24	5	85	30	56	518	78	10.75	0.03	7.31	<0.5
HH21-104538		1.29	8	76	31	56	524	81	10.95	0.03	7.40	<0.5
HH21-104539		1.26	5	88	31	53	532	81	11.10	0.03	7.49	<0.5
HH21-104540		1.22	6	88	29	56	512	78	10.60	0.03	7.16	<0.5
HH21-104541		0.83	5	74	29	83	536	78	11.25	0.04	7.51	<0.5
HH21-104542		0.84	1	88	30	18	512	75	10.85	0.01	7.32	<0.5
HH21-104543		1.19	1	8	<5	93	58	13	1.89	0.42	2.44	<0.5
HH21-104544		1.20	5	46	19	74	305	50	6.36	0.22	5.01	<0.5
HH21-104545		0.07	82	615	314	4460	4270	112	3.85	1.59	13.90	2.2
HH21-104546		1.15	4	83	32	53	513	78	10.65	0.03	7.21	<0.5
HH21-104547		1.41	9	120	38	56	481	74	10.10	0.05	6.94	<0.5
HH21-104548		1.28	5	86	31	42	519	79	10.70	0.02	7.28	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21144157

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21144162

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 6-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
--	--	-------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21144162

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104549		1.82	<1	<1	<5	2	2	<1	12.10	0.01	0.12	<0.5
HH21-104550		1.35	11	82	32	68	505	76	10.15	0.03	7.02	<0.5
HH21-104551		1.25	8	119	39	49	497	76	10.10	0.03	6.88	<0.5
HH21-104552		1.36	9	73	33	58	531	81	10.65	0.02	7.32	<0.5
HH21-104553		1.08	7	82	32	60	524	80	10.80	0.04	7.35	<0.5
HH21-104554		1.33	7	194	42	51	521	80	10.80	0.04	7.31	<0.5
HH21-104555		1.43	23	943	124	70	553	82	10.80	0.04	7.31	<0.5
HH21-104556		1.17	7	236	44	54	531	80	11.20	0.03	7.51	<0.5
HH21-104557		1.18	6	108	34	58	526	79	11.10	0.03	7.41	<0.5
HH21-104558		1.25	4	186	35	29	501	75	10.25	0.02	6.98	<0.5
HH21-104559		1.19	8	156	35	52	519	78	10.55	0.02	7.25	<0.5
HH21-104560		1.78	6	195	48	51	525	80	10.65	0.03	7.26	<0.5
HH21-104561		0.90	7	102	34	53	522	79	10.70	0.02	7.15	<0.5
HH21-104562		1.28	5	162	41	49	532	79	10.85	0.03	7.37	<0.5
HH21-104563		1.69	10	199	45	59	528	80	11.00	0.03	7.41	<0.5
HH21-104564		1.23	9	164	43	62	532	82	11.00	0.08	7.49	<0.5
HH21-104565		1.38	9	159	37	53	531	80	10.95	0.02	7.44	<0.5
HH21-104566		1.20	7	161	37	44	536	80	10.85	0.03	7.42	<0.5
HH21-104567		0.07	4610	1970	1260	87	85	64	0.26	0.01	2.24	0.8
HH21-104568		1.41	9	70	31	64	509	77	10.45	0.04	7.16	<0.5
HH21-104569		1.42	91	89	35	49	513	77	10.60	0.02	7.25	<0.5
HH21-104570		1.58	8	122	35	46	518	78	10.60	0.02	7.42	<0.5
HH21-104571		1.39	8	82	34	55	518	78	10.55	0.02	7.26	<0.5
HH21-104572		1.45	8	120	34	48	545	81	11.10	0.02	7.51	<0.5
HH21-104573		1.35	12	96	34	52	527	80	10.75	0.07	7.43	<0.5
HH21-104574		1.37	6	95	37	40	516	78	10.45	0.01	7.30	<0.5
HH21-104575		1.31	3	105	33	34	518	77	10.70	0.02	7.37	<0.5
HH21-104576		1.20	11	112	36	69	519	79	10.70	0.03	7.34	<0.5
HH21-104577		1.42	8	85	33	70	532	81	10.80	0.02	7.55	<0.5
HH21-104578		1.70	10	111	36	74	510	78	10.45	0.05	7.46	<0.5
HH21-104579		1.69	12	85	30	82	514	79	10.95	0.04	7.72	<0.5
HH21-104580		1.47	10	89	28	78	549	82	11.40	0.06	8.04	<0.5
HH21-104581		1.33	14	275	48	83	564	82	11.35	0.05	7.82	<0.5
HH21-104582		1.30	10	209	50	65	546	80	11.20	0.04	7.73	<0.5
HH21-104583		1.48	14	150	46	89	550	81	11.30	0.02	7.76	<0.5
HH21-104584		1.33	12	174	45	86	566	80	11.00	0.03	7.57	<0.5
HH21-104585		1.30	32	413	83	268	715	88	11.15	0.17	7.73	<0.5
HH21-104586		0.07	87	615	317	4400	4360	111	4.04	1.65	14.50	1.9
HH21-104587		1.31	15	237	55	142	515	69	8.99	0.07	6.45	<0.5
HH21-104588		1.32	24	271	65	161	624	82	11.10	0.04	7.61	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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Project: 18-101

CERTIFICATE OF ANALYSIS TB21144162

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104589		1.28	27	221	58	192	598	80	11.10	0.05	7.62	<0.5
HH21-104590		1.27	27	276	55	193	626	84	11.25	0.07	7.69	<0.5
HH21-104591		1.34	18	181	55	123	570	80	11.05	0.04	7.57	<0.5
HH21-104592		1.34	<1	<1	<5	1	2	<1	12.80	<0.01	0.10	<0.5
HH21-104593		1.30	76	750	145	587	943	99	11.25	0.23	8.02	<0.5
HH21-104594		1.22	69	661	101	321	664	78	9.95	0.14	6.90	<0.5
HH21-104595		1.37	8	154	35	68	524	78	10.90	0.03	7.45	<0.5
HH21-104596		1.51	5	105	31	43	529	79	11.05	0.01	7.63	<0.5
HH21-104597		1.57	6	120	44	21	564	81	11.40	0.01	7.84	<0.5
HH21-104598		1.34	4	61	21	43	382	59	8.04	0.04	5.76	<0.5
HH21-104599		1.49	11	109	35	42	522	77	11.05	0.02	7.54	<0.5
HH21-104600		1.47	8	99	38	65	530	79	11.20	0.04	7.65	<0.5
HH21-104601		1.53	21	1240	163	111	603	86	11.55	0.10	7.87	<0.5
HH21-104602		1.48	8	91	30	63	530	81	11.15	0.05	7.61	<0.5
HH21-104603		1.47	13	103	34	69	529	79	11.15	0.04	7.59	<0.5
HH21-104604		1.44	10	113	35	57	530	79	11.40	0.03	7.75	<0.5
HH21-104605		1.46	12	87	36	65	539	79	11.35	0.03	7.76	<0.5
HH21-104606		1.44	6	81	35	51	526	79	11.05	0.02	7.58	<0.5
HH21-104607		1.47	7	104	39	59	536	79	11.30	0.03	7.79	<0.5
HH21-104608		1.50	7	79	31	63	521	79	10.90	0.03	7.51	<0.5
HH21-104609		1.57	6	83	30	53	440	67	9.08	0.02	6.44	<0.5
HH21-104610		0.07	1860	1650	232	8450	635	49	4.62	2.06	7.39	4.4
HH21-104611		1.35	9	76	30	50	509	76	10.65	0.03	7.33	<0.5
HH21-104612		1.38	8	161	38	41	548	83	11.60	0.01	7.95	<0.5
HH21-104613		1.40	14	121	41	68	553	83	11.35	0.03	7.76	<0.5
HH21-104614		1.49	4	131	39	41	572	83	11.55	0.02	8.03	<0.5
HH21-104615		1.52	2	186	45	16	421	61	8.10	0.01	6.07	<0.5
HH21-104616		1.54	6	176	41	38	554	80	11.20	0.04	8.01	<0.5
HH21-104617		1.44	40	438	94	311	695	86	11.15	0.16	8.12	<0.5
HH21-104618		1.57	25	255	52	148	575	79	10.65	0.06	7.59	<0.5
HH21-104619		0.07	83	613	299	4450	4370	113	4.04	1.63	14.50	1.9
HH21-104620		1.54	36	385	74	237	638	81	10.55	0.10	7.76	<0.5
HH21-104621		1.46	11	318	58	55	551	71	9.92	0.02	7.12	<0.5
HH21-104622		1.46	18	319	56	109	572	81	11.10	0.05	7.58	<0.5
HH21-104623		1.69	11	127	39	78	547	79	11.00	0.04	7.55	<0.5
HH21-104624		1.55	9	84	33	54	544	79	11.30	0.02	7.79	<0.5
HH21-104625		1.52	10	97	37	73	534	81	11.25	0.06	7.92	<0.5
HH21-104626		1.44	12	164	36	63	524	81	11.15	0.03	8.01	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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CERTIFICATE OF ANALYSIS TB21144162

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21144609

Project: MZI_TB21115998

This report is for 10 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 7-JUN-2021.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21115998**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: MZI_TB21115998

CERTIFICATE OF ANALYSIS TB21144609

Sample Description	Method Analyte Units LOD	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Fe % 0.01	ME-ICP61 S % 0.01
HH21-104219		23	4	5	0.62	<0.5	1.78	0.07
HH21-104220		12	4	2	0.22	<0.5	1.12	0.07
HH21-104221		15	6	5	0.47	<0.5	2.00	0.03
HH21-104222		11	6	6	0.45	<0.5	1.98	0.08
HH21-104223		4660	4540	121	4.15	2.4	15.05	1.74
HH21-104224		25	10	7	0.60	<0.5	2.28	0.11
HH21-104225		67	23	16	1.26	<0.5	3.73	0.21
HH21-104226		11	9	6	0.72	<0.5	2.25	0.04
HH21-104227		51	14	15	1.10	<0.5	3.38	0.25
HH21-104228		139	16	18	1.23	<0.5	2.74	0.42

Comments: **Re-analysis results for samples originally reported on certificate TB21115998**

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



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CERTIFICATE OF ANALYSIS TB21144609

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-ICP61



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CERTIFICATE TB21147656

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 9-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21147656

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	S	Fe	Ag
	Units LOD	kg	ppb	ppb	ppb	ppm	ppm	ppm	%	%	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104627		1.40	<1	<1	<5	1	1	1	11.15	<0.01	0.13	<0.5
HH21-104628		1.61	10	99	31	63	508	81	10.55	0.03	7.80	<0.5
HH21-104629		1.54	10	113	33	56	457	70	9.50	0.02	6.89	<0.5
HH21-104630		1.54	14	88	30	97	526	81	10.50	0.06	7.69	<0.5
HH21-104631		1.56	21	287	58	104	536	77	10.20	0.03	7.42	<0.5
HH21-104632		1.69	36	371	67	178	599	85	10.90	0.10	8.12	<0.5
HH21-104633		1.54	51	607	82	208	632	86	10.85	0.15	8.31	<0.5
HH21-104634		1.63	30	261	54	123	547	82	10.80	0.06	8.08	<0.5
HH21-104635		1.68	19	324	65	134	587	86	10.90	0.11	8.44	<0.5
HH21-104636		1.54	41	331	46	166	565	84	10.55	0.10	8.45	<0.5
HH21-104637		1.63	6	119	33	49	502	80	10.65	0.03	8.26	<0.5
HH21-104638		1.63	11	97	33	63	499	83	10.90	0.02	8.03	<0.5
HH21-104639		1.32	162	2050	257	566	869	104	11.60	0.26	9.37	<0.5
HH21-104640		1.72	17	113	34	55	508	76	10.80	0.01	7.53	<0.5
HH21-104641		0.07	4910	1950	1260	86	86	63	0.26	0.01	2.24	0.8
HH21-104642		1.75	21	207	45	89	548	80	10.85	0.03	7.70	<0.5
HH21-104643		1.24	36	461	84	160	593	81	10.50	0.07	7.71	<0.5
HH21-104644		1.62	37	224	50	239	566	84	10.90	0.11	8.11	<0.5
HH21-104645		1.63	19	349	56	124	536	80	10.45	0.07	7.71	<0.5
HH21-104646		1.48	13	314	47	110	542	81	10.35	0.06	7.77	<0.5
HH21-104647		1.60	6	370	67	175	599	84	10.90	0.05	7.86	<0.5
HH21-104648		1.51	4	430	79	174	609	79	10.80	0.09	7.78	<0.5
HH21-104649		1.56	8	389	63	103	258	26	2.86	0.16	2.89	<0.5
HH21-104650		1.59	4	290	51	129	307	30	3.46	0.16	3.10	1.0
HH21-104651		1.74	9	320	54	159	317	30	3.15	0.10	2.89	<0.5
HH21-104652		1.69	13	463	75	274	379	35	3.28	0.19	3.05	<0.5
HH21-104653		1.28	10	325	55	188	321	28	3.26	0.16	2.91	<0.5
HH21-104654		1.93	8	235	39	148	254	28	3.16	0.14	2.95	<0.5
HH21-104655		1.65	7	220	46	168	268	33	3.97	0.20	3.48	0.7
HH21-104656		1.64	3	68	25	96	182	27	2.75	0.09	3.04	<0.5
HH21-104657		1.63	18	588	87	380	368	39	3.15	0.28	3.97	<0.5
HH21-104658		1.86	58	1580	239	551	817	88	8.41	0.39	8.19	<0.5
HH21-104659		1.28	127	3120	408	1065	1340	113	9.82	1.09	8.69	0.8
HH21-104660		1.63	7	225	33	112	329	50	6.05	0.07	5.48	<0.5
HH21-104661		0.07	102	583	298	4470	4490	119	4.04	1.69	14.30	1.8
HH21-104662		1.14	5	364	92	46	340	52	6.05	0.02	5.07	<0.5
HH21-104663		1.25	<1	77	14	22	262	42	4.72	0.01	4.37	<0.5
HH21-104664		1.06	<1	46	27	10	169	23	2.61	0.01	2.65	<0.5
HH21-104665		1.04	1	109	27	19	211	25	2.84	0.03	2.63	<0.5
HH21-104666		1.81	3	115	30	48	209	24	2.87	0.03	2.76	<0.5



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CERTIFICATE OF ANALYSIS TB21147656

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104667		1.16	1	112	26	59	202	24	2.73	0.03	2.67	<0.5
HH21-104668		1.09	<1	<1	<5	1	2	<1	13.10	0.01	0.08	<0.5
HH21-104669		1.26	<1	95	24	42	185	24	2.88	0.04	2.80	<0.5
HH21-104670		1.27	2	2	<5	182	34	18	1.38	0.96	3.49	<0.5
HH21-104671		1.31	2	24	8	196	84	25	1.61	1.00	3.35	<0.5
HH21-104672		1.02	<1	34	16	38	169	26	2.87	0.02	2.73	<0.5
HH21-104673		1.73	2	30	15	113	164	27	2.98	0.03	2.89	<0.5
HH21-104674		1.43	<1	21	16	68	166	29	3.14	0.02	2.92	<0.5
HH21-104675		1.65	<1	26	14	49	149	26	2.80	0.02	2.68	<0.5
HH21-104676		1.68	<1	36	16	25	165	24	2.73	0.02	2.63	<0.5
HH21-104677		1.55	<1	33	14	36	162	23	2.68	0.02	2.54	<0.5
HH21-104678		1.52	3	153	29	76	170	22	2.48	0.02	2.48	<0.5
HH21-104679		1.62	5	201	35	103	219	28	2.82	0.04	2.79	<0.5
HH21-104680		1.59	2	28	17	59	181	26	2.87	0.03	2.76	<0.5
HH21-104681		1.59	14	329	58	186	248	32	3.39	0.08	3.21	<0.5
HH21-104682		1.63	7	113	23	60	177	21	2.20	0.05	2.34	<0.5
HH21-104683		1.49	12	162	36	101	482	78	9.59	0.06	8.11	<0.5
HH21-104684		0.07	1760	1630	225	8560	639	50	4.40	2.01	7.06	4.6
HH21-104685		1.69	65	2830	312	1190	1355	121	9.59	1.06	9.72	0.6
HH21-104686		1.63	107	1270	190	590	882	98	10.65	0.36	9.59	<0.5
HH21-104687		1.61	131	970	139	1060	796	90	9.46	0.33	8.36	<0.5
HH21-104688		1.82	36	579	106	271	703	87	10.05	0.17	8.37	<0.5
HH21-104689		1.62	14	207	45	104	554	79	10.20	0.04	7.53	<0.5
HH21-104690		1.74	16	186	49	111	558	78	10.20	0.05	7.51	<0.5
HH21-104691		1.40	33	365	63	211	597	82	10.30	0.11	7.74	<0.5
HH21-104692		1.73	28	358	64	177	633	84	10.40	0.08	7.68	<0.5
HH21-104693		1.66	17	187	40	105	556	81	10.55	0.03	7.70	<0.5
HH21-104694		1.66	16	174	39	101	501	73	9.49	0.03	7.08	<0.5
HH21-104695		1.58	16	163	41	88	549	83	10.50	0.03	7.70	<0.5
HH21-104696		1.66	20	273	55	110	562	81	10.55	0.05	7.75	<0.5
HH21-104697		1.44	11	167	39	71	528	78	10.20	0.04	7.51	<0.5
HH21-104698		1.61	12	129	36	83	517	78	10.05	0.04	7.42	<0.5
HH21-104699		1.52	7	182	41	46	508	75	9.89	0.03	7.24	<0.5
HH21-104700		1.45	10	229	49	65	507	74	10.00	0.03	7.08	<0.5
HH21-104701		1.60	12	692	119	127	560	77	9.75	0.05	7.08	<0.5
HH21-104702		1.72	8	200	52	99	545	78	10.45	0.04	7.35	<0.5
HH21-104703		0.07	112	610	291	4500	4370	113	3.89	1.63	14.10	1.9
HH21-104704		1.82	10	358	65	97	558	79	10.45	0.03	7.34	<0.5



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To: IMPALA CANADA LTD.
 BUSINESS NUMBER 131081184
 556 TENTH AVE
 THUNDER BAY ON P7B 2R2

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 26-JUN-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21147656

	CERTIFICATE COMMENTS
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	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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556 TENTH AVE
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 Account: MZI

CERTIFICATE TB21147657

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 9-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
--	--	-------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21147657

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-104705		1.47	10	<1	<5	1	3	<1	12.25	0.03	0.15	<0.5
HH21-104706		1.62	9	132	38	93	544	79	10.60	0.02	7.40	<0.5
HH21-104707		1.72	10	247	56	106	563	81	10.75	0.03	7.51	<0.5
HH21-104708		1.72	6	231	67	75	558	79	10.50	0.02	7.40	<0.5
HH21-104709		1.71	8	175	34	77	554	80	10.55	0.02	7.42	<0.5
HH21-104710		1.55	5	202	46	68	555	81	10.80	0.02	7.53	<0.5
HH21-104711		1.71	8	174	40	87	553	80	10.60	0.03	7.43	<0.5
HH21-104712		1.64	28	413	69	159	597	80	10.65	0.05	7.47	<0.5
HH21-104713		0.96	39	493	76	217	627	83	10.60	0.09	7.77	<0.5
HH21-104714		1.14	12	274	58	101	571	79	10.50	0.04	7.71	<0.5
HH21-104715		0.07	5100	2100	1375	87	86	63	0.26	0.01	2.20	0.8
HH21-104716		1.86	1	6	<5	15	17	1	0.27	0.01	0.55	<0.5
HH21-104717		1.31	24	584	109	224	664	83	10.75	0.17	7.96	<0.5
HH21-104718		1.27	22	298	61	139	586	81	10.65	0.06	7.79	<0.5
HH21-104719		1.65	45	804	114	194	668	84	10.60	0.07	7.67	<0.5
HH21-104720		1.59	21	223	47	109	591	82	10.95	0.03	7.62	<0.5
HH21-104721		1.62	13	213	49	76	555	76	10.25	0.02	7.12	<0.5
HH21-104722		1.67	12	231	52	77	568	80	10.65	0.03	7.41	<0.5
HH21-104723		1.44	17	227	51	111	574	82	10.55	0.03	7.40	<0.5
HH21-104724		1.62	23	270	58	162	595	78	10.40	0.07	7.23	<0.5
HH21-104725		1.30	31	471	80	208	628	81	10.35	0.08	7.29	<0.5
HH21-104726		1.58	40	389	76	257	660	81	9.86	0.10	7.15	<0.5
HH21-104727		1.51	21	255	56	128	601	82	10.85	0.04	7.57	<0.5
HH21-104728		1.55	14	168	46	73	558	79	10.75	0.02	7.38	<0.5
HH21-104729		1.50	6	165	40	50	559	78	10.90	0.02	7.40	<0.5
HH21-104730		1.55	13	119	37	76	535	76	10.30	0.02	7.04	<0.5
HH21-104731		1.60	7	84	32	51	523	78	10.30	0.01	7.13	<0.5
HH21-104732		1.57	7	148	45	53	533	77	10.25	0.02	7.11	<0.5
HH21-104733		1.64	21	313	65	149	614	81	10.90	0.04	7.45	<0.5
HH21-104734		1.82	14	235	52	110	577	81	10.65	0.02	7.27	<0.5
HH21-104735		1.60	14	209	52	104	531	77	10.10	0.03	6.89	<0.5
HH21-104736		1.66	8	74	25	71	383	57	7.57	0.02	5.22	<0.5
HH21-104737		0.07	68	605	314	4740	5400	124	3.96	1.79	14.60	1.7
HH21-104738		1.69	7	116	35	52	490	72	9.92	0.01	6.73	<0.5
HH21-104739		1.73	5	160	42	34	552	81	11.00	0.02	7.55	<0.5
HH21-104740		1.64	3	113	33	46	513	75	10.15	0.02	7.03	<0.5
HH21-104741		1.54	8	215	55	36	398	59	7.64	0.03	5.48	<0.5
HH21-104742		1.54	10	135	22	43	366	56	7.22	0.02	5.20	<0.5
HH21-104743		1.66	1	87	35	16	543	78	10.95	0.01	7.46	<0.5
HH21-104744		1.43	5	99	36	57	537	81	10.80	0.02	7.26	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21147657

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104745		1.80	1	104	28	24	539	80	10.90	0.01	7.35	<0.5
HH21-104746		1.62	5	72	15	87	279	51	5.86	0.07	6.09	<0.5
HH21-104747		1.50	<1	68	29	17	493	73	10.05	0.01	7.37	<0.5
HH21-104748		1.17	1	99	32	30	507	77	10.25	0.02	7.46	<0.5
HH21-104749		1.94	1	93	27	24	499	75	10.05	0.02	7.03	<0.5
HH21-104750		1.55	8	95	33	72	498	78	9.80	0.08	6.98	<0.5
HH21-104751		1.31	5	96	28	47	560	81	11.30	0.01	7.50	<0.5
HH21-104752		1.78	10	131	41	72	580	84	11.35	0.02	7.57	<0.5
HH21-104753		1.66	<1	<1	<5	2	4	<1	12.35	0.02	0.18	<0.5
HH21-104754		1.55	6	193	40	51	557	81	11.40	0.01	7.49	<0.5
HH21-104755		0.99	5	79	26	47	536	77	11.05	0.01	7.23	<0.5
HH21-104756		1.51	2	94	22	37	469	74	9.93	0.03	7.39	<0.5
HH21-104757		1.21	<1	7	<5	212	70	43	3.53	0.68	6.79	<0.5
HH21-104758		1.29	4	99	32	50	551	82	11.20	0.01	7.49	<0.5
HH21-104759		1.58	7	73	26	64	557	80	11.20	0.02	7.52	<0.5
HH21-104760		1.57	7	135	44	64	538	78	10.65	0.02	7.11	<0.5
HH21-104761		1.70	5	75	25	49	545	78	11.00	0.02	7.49	<0.5
HH21-104762		1.17	6	153	37	72	460	69	9.22	0.10	7.01	0.5
HH21-104763		2.06	8	33	8	187	163	42	3.97	0.17	6.88	<0.5
HH21-104764		2.38	13	62	10	306	127	44	3.55	0.19	6.18	<0.5
HH21-104765		0.89	5	236	44	23	501	68	8.88	0.04	6.62	<0.5
HH21-104766		2.44	3	263	53	35	473	58	9.15	0.04	6.22	<0.5
HH21-104767		0.07	1910	1690	230	8810	662	50	4.56	2.09	7.37	4.8
HH21-104768		1.00	1	35	6	57	159	44	5.08	0.02	4.56	<0.5
HH21-104769		1.35	1	34	6	80	168	48	4.40	0.03	4.34	<0.5
HH21-104770		1.60	5	42	9	151	192	47	4.20	0.06	4.30	<0.5
HH21-104771		1.50	14	61	11	338	297	48	3.81	0.13	4.15	<0.5
HH21-104772		1.57	31	111	20	885	496	60	4.04	0.29	4.54	0.7
HH21-104773		1.67	2	24	5	135	214	48	4.52	0.03	4.54	<0.5
HH21-104774		1.60	5	22	6	117	200	49	4.42	0.05	4.42	<0.5
HH21-104775		0.07	66	574	270	4350	4300	114	3.85	1.56	14.05	1.7
HH21-104776		1.56	4	22	7	137	192	45	4.36	0.10	4.34	<0.5
HH21-104777		1.59	2	23	7	90	189	43	4.06	0.09	4.11	<0.5
HH21-104778		1.66	4	52	12	200	258	52	4.70	0.09	4.59	<0.5
HH21-104779		1.61	3	31	6	177	230	47	4.24	0.07	4.24	<0.5
HH21-104780		1.61	4	32	7	157	230	48	4.40	0.08	4.42	<0.5
HH21-104781		1.68	5	42	10	174	240	51	4.38	0.15	4.39	<0.5
HH21-104782		1.64	4	30	7	168	193	42	3.53	0.12	3.81	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21147657

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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Total # Pages: 3 (A)
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Account: MZI

CERTIFICATE TB21150884

Project: 18-101

P.O. No.: 182449

This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 13-JUN-2021.

The following have access to data associated with this certificate:

JAMI BROWN
DENIS DECHARTE
LDIM WEBTRIEVE

KAITLYN CHOVANCAK
CLAIRE MCGUINNESS

SAM DAVIES
KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21150884

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-104783		1.68	<1	1	<5	3	<1	<1	12.40	<0.01	0.13	<0.5
HH21-104784		1.63	9	51	8	308	273	51	4.50	0.22	4.67	<0.5
HH21-104785		1.74	<1	28	6	129	200	47	4.52	0.35	4.74	<0.5
HH21-104786		1.64	<1	30	6	74	177	45	4.41	0.29	4.58	<0.5
HH21-104787		1.77	<1	28	10	64	184	48	4.63	0.07	4.87	<0.5
HH21-104788		0.07	5000	2040	1300	89	86	64	0.26	0.01	2.28	0.8
HH21-104789		1.69	4	49	11	153	209	56	5.02	0.23	5.84	<0.5
HH21-104790		1.70	2	46	8	162	199	47	4.31	0.16	4.79	<0.5
HH21-104791		1.72	2	68	14	151	206	46	3.74	0.11	4.30	<0.5
HH21-104792		1.63	1	31	7	127	174	38	3.51	0.16	3.82	<0.5
HH21-104793		1.75	1	21	7	106	202	44	4.40	0.06	4.24	<0.5
HH21-104794		1.74	2	20	5	169	197	43	4.26	0.06	4.23	<0.5
HH21-104795		1.60	2	37	8	172	222	45	4.10	0.09	4.12	<0.5
HH21-104796		1.63	<1	18	7	68	149	32	3.57	0.04	3.42	<0.5
HH21-104797		1.50	1	23	7	76	197	41	4.26	0.03	4.14	<0.5
HH21-104798		1.72	8	34	11	196	244	49	4.30	0.08	4.32	<0.5
HH21-104799		1.67	4	31	9	148	220	47	4.31	0.11	4.21	<0.5
HH21-104800		1.58	2	21	7	101	170	39	3.68	0.03	3.73	<0.5
HH21-104801		1.66	3	20	6	106	175	41	3.86	0.05	3.92	<0.5
HH21-104802		1.66	4	24	8	83	170	38	3.56	0.03	3.62	<0.5
HH21-104803		1.71	4	29	12	95	201	41	3.92	0.03	3.88	<0.5
HH21-104804		1.65	8	38	11	234	234	44	3.98	0.10	3.95	<0.5
HH21-104805		1.60	4	25	11	169	179	40	3.74	0.06	3.68	<0.5
HH21-104806		0.07	76	618	307	4590	4440	114	4.02	1.64	14.55	1.8
HH21-104807		1.50	5	37	12	122	213	38	3.54	0.06	3.54	<0.5
HH21-104808		1.72	3	27	10	96	182	39	3.82	0.03	3.75	<0.5
HH21-104809		1.51	2	21	7	87	173	39	3.93	0.03	3.79	<0.5
HH21-104810		1.59	2	24	8	78	184	42	4.07	0.02	3.95	<0.5
HH21-104811		1.70	2	14	6	85	160	33	4.02	0.08	3.92	<0.5
HH21-104812		1.46	1	24	8	60	199	36	4.35	0.02	3.96	<0.5
HH21-104813		1.64	20	85	25	329	343	46	4.27	0.12	4.04	<0.5
HH21-104814		1.73	4	25	11	86	164	32	3.26	0.02	3.14	<0.5
HH21-104815		1.37	1	20	9	72	169	34	3.59	0.03	3.43	<0.5
HH21-104816		1.57	4	40	11	100	222	43	4.56	0.06	4.14	0.6
HH21-104817		1.48	7	47	14	196	175	34	3.31	0.08	3.22	<0.5
HH21-104818		1.53	8	33	11	187	160	32	3.17	0.07	3.13	<0.5
HH21-104819		1.56	3	26	10	217	153	31	3.08	0.07	3.14	<0.5
HH21-104820		1.45	2	29	14	107	163	32	3.34	0.05	3.28	<0.5
HH21-104821		1.37	<1	1	<5	1	<1	<1	11.40	0.01	0.16	<0.5
HH21-104822		1.47	3	32	12	130	150	28	3.02	0.06	3.08	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB21150884

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104823		1.71	5	100	21	234	193	34	2.87	0.12	3.21	<0.5
HH21-104824		1.38	11	23	12	205	139	26	2.53	0.06	2.69	<0.5
HH21-104825		1.66	<1	22	11	85	138	25	2.53	0.04	2.69	<0.5
HH21-104826		1.53	4	24	15	253	147	27	2.52	0.06	2.69	<0.5
HH21-104827		1.56	2	24	16	144	176	31	3.13	0.05	3.21	<0.5
HH21-104828		1.51	<1	31	15	36	145	24	2.48	0.02	2.57	<0.5
HH21-104829		1.71	<1	36	18	64	158	25	2.58	0.04	2.70	<0.5
HH21-104830		1.60	3	29	20	87	177	27	2.87	0.05	2.86	<0.5
HH21-104831		1.52	2	41	18	87	178	27	2.88	0.08	3.14	<0.5
HH21-104832		1.63	1	30	19	74	200	31	3.15	0.07	3.12	<0.5
HH21-104833		1.60	3	31	20	57	183	28	2.96	0.03	3.03	<0.5
HH21-104834		1.01	3	31	23	51	177	29	2.91	0.02	3.00	<0.5
HH21-104835		1.31	14	449	83	81	339	43	4.64	0.04	4.27	<0.5
HH21-104836		1.18	11	127	33	73	172	27	2.82	0.03	2.93	<0.5
HH21-104837		1.45	185	2560	311	730	943	90	8.91	0.35	7.73	0.9
HH21-104838		1.45	127	1400	176	416	572	63	6.82	0.15	5.77	<0.5
HH21-104839		1.65	61	1770	211	371	827	91	10.45	0.32	8.09	<0.5
HH21-104840		1.70	64	624	81	359	518	66	7.65	0.31	6.75	<0.5
HH21-104841		1.61	33	635	92	176	590	79	10.05	0.06	7.54	<0.5
HH21-104842		1.72	30	363	56	167	533	75	9.58	0.07	7.16	<0.5
HH21-104843		1.77	8	123	37	60	497	77	10.15	0.03	7.55	<0.5
HH21-104844		1.69	23	367	66	139	530	78	9.99	0.05	7.58	<0.5
HH21-104845		0.07	2180	1680	223	8730	642	51	4.65	2.05	7.51	4.9
HH21-104846		1.59	55	727	127	351	635	75	9.11	0.15	7.35	<0.5
HH21-104847		1.69	71	654	104	383	678	79	9.38	0.15	7.22	<0.5
HH21-104848		1.84	42	415	68	250	533	66	8.26	0.08	6.37	<0.5
HH21-104849		1.37	18	256	60	134	563	76	10.10	0.03	7.49	<0.5
HH21-104850		1.78	30	268	54	210	573	74	9.83	0.06	7.21	<0.5
HH21-104851		1.67	15	143	42	112	514	76	10.35	0.03	7.35	<0.5
HH21-104852		1.65	5	256	54	41	529	81	10.90	0.02	7.85	<0.5
HH21-104853		0.07	75	600	276	4500	4330	113	4.01	1.65	14.50	1.8
HH21-104854		1.84	3	79	30	37	507	78	10.35	0.01	7.44	<0.5
HH21-104855		1.79	21	203	48	137	579	80	10.65	0.03	7.60	<0.5
HH21-104856		1.69	16	154	36	104	550	76	10.30	0.03	7.48	<0.5
HH21-104857		1.88	29	297	53	199	574	76	9.78	0.06	7.22	<0.5
HH21-104858		1.43	31	425	71	238	600	72	8.95	0.07	6.83	<0.5
HH21-104859		1.37	29	481	85	172	609	81	10.60	0.04	7.56	<0.5
HH21-104860		1.84	44	377	72	289	678	77	9.99	0.12	7.11	<0.5



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CERTIFICATE OF ANALYSIS TB21150884

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21150885

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 13-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104861		1.64	<1	<1	<5	1	<1	<1	11.00	<0.01	0.13	<0.5
HH21-104862		1.62	39	378	70	267	660	81	10.50	0.06	7.57	<0.5
HH21-104863		1.64	32	276	56	190	613	82	11.10	0.03	7.85	<0.5
HH21-104864		1.65	34	271	53	178	588	80	10.65	0.06	7.74	<0.5
HH21-104865		1.61	17	167	43	90	548	79	10.70	0.04	7.69	<0.5
HH21-104866		1.65	53	484	81	307	699	87	11.20	0.15	8.17	<0.5
HH21-104867		1.63	20	167	49	92	567	82	11.00	0.03	8.00	<0.5
HH21-104868		1.89	32	207	54	170	564	80	10.45	0.07	7.86	<0.5
HH21-104869		1.95	20	278	57	85	554	79	10.95	0.03	8.06	<0.5
HH21-104870		1.50	14	204	49	78	568	85	11.55	0.03	8.47	<0.5
HH21-104871		0.07	5020	2060	1320	89	86	63	0.26	0.01	2.24	0.7
HH21-104872		1.47	18	234	52	87	574	83	11.35	0.04	8.09	<0.5
HH21-104873		1.70	39	340	67	253	665	85	11.15	0.09	8.05	<0.5
HH21-104874		1.71	104	1120	172	657	987	98	11.75	0.25	8.56	0.5
HH21-104875		1.75	27	347	66	164	612	84	11.20	0.06	7.98	<0.5
HH21-104876		1.69	19	245	51	77	552	81	11.25	0.03	7.95	<0.5
HH21-104877		1.79	37	253	56	189	579	76	10.10	0.07	7.29	<0.5
HH21-104878		1.68	27	165	39	110	575	81	11.00	0.04	7.84	<0.5
HH21-104879		1.73	22	195	46	134	589	86	11.45	0.04	8.52	<0.5
HH21-104880		1.76	22	169	43	122	578	82	11.25	0.04	8.25	<0.5
HH21-104881		1.80	14	115	39	76	564	81	11.40	0.02	7.72	<0.5
HH21-104882		1.75	30	242	57	151	607	83	11.10	0.04	7.86	<0.5
HH21-104883		1.83	39	394	70	211	646	84	11.25	0.08	7.90	<0.5
HH21-104884		1.71	42	353	68	177	617	81	10.85	0.04	7.62	<0.5
HH21-104885		1.73	56	528	86	340	739	88	11.45	0.12	8.06	<0.5
HH21-104886		1.74	37	366	66	200	639	82	11.15	0.07	7.73	<0.5
HH21-104887		0.07	102	625	317	4510	4430	115	4.00	1.68	14.55	2.3
HH21-104888		1.86	26	302	62	128	610	83	11.25	0.03	7.84	<0.5
HH21-104889		1.78	18	149	34	88	568	82	11.35	0.02	8.17	<0.5
HH21-104890		1.69	12	80	25	75	535	80	10.95	0.04	7.80	<0.5
HH21-104891		1.66	13	253	55	70	552	80	10.95	0.02	7.98	<0.5
HH21-104892		1.67	15	205	46	106	589	85	11.25	0.07	8.35	<0.5
HH21-104893		1.72	10	136	42	67	574	83	11.45	0.05	8.51	<0.5
HH21-104894		1.66	6	132	40	70	580	82	11.25	0.08	8.42	<0.5
HH21-104895		1.61	13	261	57	84	583	84	11.45	0.04	8.51	<0.5
HH21-104896		1.64	9	176	50	58	581	86	11.55	0.04	8.77	<0.5
HH21-104897		1.48	5	125	36	50	554	84	11.25	0.05	8.55	<0.5
HH21-104898		1.63	15	93	40	91	500	76	10.00	0.04	7.79	<0.5
HH21-104899		1.66	30	152	32	361	513	76	9.77	0.07	7.60	<0.5
HH21-104900		1.62	6	130	30	58	498	73	10.00	0.01	7.10	<0.5



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CERTIFICATE OF ANALYSIS TB21150885

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104901		1.17	<1	<1	<5	2	3	<1	10.80	0.01	0.13	<0.5
HH21-104902		1.59	5	86	29	50	520	76	10.60	0.01	7.59	<0.5
HH21-104903		1.63	7	96	32	67	507	75	10.35	0.02	7.54	<0.5
HH21-104904		1.61	5	128	39	52	530	77	10.90	0.01	7.72	<0.5
HH21-104905		1.75	4	117	38	60	529	79	11.00	0.03	7.74	<0.5
HH21-104906		1.83	7	115	39	63	534	79	11.10	0.03	8.03	<0.5
HH21-104907		1.76	5	142	41	44	533	79	11.10	0.02	7.76	<0.5
HH21-104908		1.64	4	184	45	41	533	78	11.10	0.03	7.73	<0.5
HH21-104909		1.71	10	212	44	129	569	81	10.75	0.08	8.08	<0.5
HH21-104910		1.55	15	243	46	77	538	77	10.50	0.03	7.68	<0.5
HH21-104911		1.55	16	201	47	83	538	77	10.60	0.03	7.75	<0.5
HH21-104912		1.65	13	186	43	66	527	78	10.75	0.02	7.77	<0.5
HH21-104913		1.73	10	190	42	55	539	79	11.00	0.02	7.93	<0.5
HH21-104914		1.66	12	150	40	65	515	78	10.40	0.03	8.13	<0.5
HH21-104915		1.79	11	110	37	66	524	82	10.65	0.02	8.52	<0.5
HH21-104916		1.51	6	185	48	40	532	82	10.35	0.02	8.15	<0.5
HH21-104917		1.62	12	119	38	76	506	78	10.50	0.03	7.86	<0.5
HH21-104918		1.63	55	531	89	257	623	88	11.25	0.11	8.67	<0.5
HH21-104919		1.46	1	61	10	39	361	38	6.10	0.29	4.43	<0.5
HH21-104920		1.70	22	404	71	106	582	84	11.40	0.02	8.33	<0.5
HH21-104921		1.67	20	1240	169	66	543	77	10.60	0.02	7.41	<0.5
HH21-104922		0.07	1940	1800	239	8770	654	50	4.62	2.06	7.45	6.6
HH21-104923		1.75	53	568	97	254	613	80	10.35	0.11	7.57	<0.5
HH21-104924		1.75	144	1540	197	827	1020	100	10.60	0.44	8.24	0.6
HH21-104925		1.49	58	539	77	305	665	84	10.60	0.12	7.93	<0.5
HH21-104926		1.73	85	444	85	273	599	78	9.88	0.08	7.49	<0.5
HH21-104927		0.07	65	618	305	4550	4400	114	4.01	1.64	14.50	2.4
HH21-104928		1.61	37	445	67	214	578	77	10.05	0.06	7.65	<0.5
HH21-104929		1.14	35	547	98	228	641	80	10.15	0.08	7.70	<0.5
HH21-104930		1.04	44	603	101	242	657	81	10.15	0.08	7.71	<0.5
HH21-104931		1.15	3	30	<5	88	28	19	1.15	0.08	5.28	<0.5
HH21-104932		1.37	5	54	11	85	91	23	1.80	0.14	4.40	<0.5
HH21-104933		1.69	12	81	11	159	58	27	1.82	0.12	6.46	<0.5
HH21-104934		1.26	16	5	<5	154	18	23	1.12	0.12	6.37	<0.5
HH21-104935		1.04	21	912	113	235	595	70	6.60	0.37	7.00	<0.5
HH21-104936		1.56	11	107	12	131	143	24	2.10	0.05	3.36	<0.5
HH21-104937		1.46	<1	218	29	13	195	28	2.91	0.01	3.04	<0.5
HH21-104938		1.52	<1	373	63	3	472	60	7.22	<0.01	6.15	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: **Appendix 1**
 Total # Appendix Pages: **1**
 Finalized Date: **27-JUN-2021**
 Account: **MZI**

Project: 18-101

CERTIFICATE OF ANALYSIS TB21150885

CERTIFICATE COMMENTS									
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table border="0"> <tr> <td>CRU-32</td> <td>CRU-QC</td> <td>LOG-21</td> <td>LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>ME-ICP61</td> <td>PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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Page: 1
 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 3-JUL-2021
 Account: MZI

CERTIFICATE TB21158130

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 20-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
--	--	-------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Total # Pages: 3 (A)
 Plus Appendix Pages
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21158130

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104939		1.49	<1	<1	<5	1	<1	<1	12.05	<0.01	0.12	<0.5
HH21-104940		2.23	<1	218	34	3	324	46	4.32	<0.01	4.47	<0.5
HH21-104941		1.00	2	95	14	49	181	32	2.35	0.01	3.25	<0.5
HH21-104942		1.02	<1	5	<5	42	303	51	6.40	0.01	5.12	<0.5
HH21-104943		1.12	<1	14	5	61	274	43	5.62	0.01	4.17	<0.5
HH21-104944		1.22	<1	14	<5	63	282	46	5.51	0.01	4.17	<0.5
HH21-104945		1.27	1	10	6	85	327	49	6.47	0.02	4.73	<0.5
HH21-104946		1.39	<1	2	<5	60	284	45	5.60	0.02	4.11	<0.5
HH21-104947		1.12	<1	5	<5	38	296	45	5.61	0.01	4.17	<0.5
HH21-104948		1.21	<1	1	<5	61	343	54	7.03	0.03	4.90	<0.5
HH21-104949		1.23	2	1	<5	64	298	46	6.13	0.02	4.28	<0.5
HH21-104950		1.13	3	9	<5	71	348	54	7.06	0.04	4.85	<0.5
HH21-104951		1.30	3	4	<5	69	402	64	8.45	0.03	5.68	<0.5
HH21-104952		0.07	4840	2020	1300	90	90	65	0.27	0.01	2.32	1.2
HH21-104953		1.17	8	2	<5	58	349	56	7.19	0.02	5.06	<0.5
HH21-104954		1.20	5	16	<5	75	362	57	7.50	0.04	5.10	<0.5
HH21-104955		1.22	5	9	<5	77	351	55	7.30	0.03	4.93	<0.5
HH21-104956		1.19	12	1430	148	104	490	55	6.64	0.08	4.78	<0.5
HH21-104957		1.14	3	9	<5	128	314	50	6.89	0.09	4.76	<0.5
HH21-104958		1.13	5	17	<5	60	343	50	7.31	0.03	4.73	<0.5
HH21-104959		1.21	4	19	<5	65	333	52	7.07	0.03	4.69	<0.5
HH21-104960		1.20	4	2	<5	90	376	59	8.19	0.04	5.30	<0.5
HH21-104961		1.14	5	45	<5	66	378	58	8.00	0.03	5.19	<0.5
HH21-104962		1.16	11	113	13	143	368	53	7.04	0.05	4.80	<0.5
HH21-104963		1.16	6	3	<5	75	380	60	8.23	0.03	5.29	<0.5
HH21-104964		1.21	3	5	<5	81	363	57	7.82	0.04	5.09	<0.5
HH21-104965		1.11	10	36	<5	127	403	64	9.04	0.04	5.84	<0.5
HH21-104966		1.53	188	2810	325	744	802	74	5.75	0.43	7.02	<0.5
HH21-104967		1.07	33	275	32	125	473	67	8.67	0.05	6.60	<0.5
HH21-104968		1.33	7	191	18	102	371	57	8.04	0.04	5.35	<0.5
HH21-104969		1.32	4	4	<5	92	357	55	7.58	0.03	5.06	<0.5
HH21-104970		1.23	14	10	<5	118	370	54	7.67	0.02	5.28	<0.5
HH21-104971		1.19	12	11	<5	131	358	56	7.42	0.03	5.12	<0.5
HH21-104972		1.15	21	212	18	105	378	55	7.20	0.05	5.08	<0.5
HH21-104973		1.21	4	52	5	85	388	52	6.98	0.05	4.83	<0.5
HH21-104974		1.20	2	3	<5	69	318	50	6.71	0.03	4.54	<0.5
HH21-104975		1.04	9	68	13	100	393	59	8.24	0.05	5.47	<0.5
HH21-104976		0.07	70	593	302	4680	4530	116	4.07	1.71	14.55	2.0
HH21-104977		1.19	14	155	21	126	401	60	7.95	0.05	5.42	<0.5
HH21-104978		1.25	3	7	<5	90	348	54	7.49	0.04	5.04	<0.5



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To: IMPALA CANADA LTD.
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Page: 3 - A
 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 3-JUL-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21158130

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-104979		1.33	19	183	19	153	388	56	7.43	0.05	5.00	<0.5
HH21-104980		1.09	<1	<1	<5	62	329	53	6.91	0.03	4.71	<0.5
HH21-104981		1.22	<1	<1	<5	80	363	56	7.61	0.04	5.07	<0.5
HH21-104982		1.18	2	6	<5	65	359	56	7.59	0.03	5.06	<0.5
HH21-104983		1.17	7	87	8	97	388	58	7.46	0.03	5.05	<0.5
HH21-104984		1.18	<1	1	<5	64	367	57	7.92	0.03	5.25	<0.5
HH21-104985		1.15	<1	<1	<5	69	374	57	7.93	0.04	5.22	<0.5
HH21-104986		1.05	4	4	<5	113	357	57	7.47	0.06	5.08	<0.5
HH21-104987		1.10	<1	<1	<5	1	2	<1	12.65	<0.01	0.12	<0.5
HH21-104988		1.24	4	48	6	84	377	59	7.68	0.04	5.12	<0.5
HH21-104989		1.12	10	99	5	118	379	56	7.26	0.06	4.99	<0.5
HH21-104990		1.17	1	<1	<5	67	337	53	7.19	0.04	4.91	<0.5
HH21-104991		1.46	<1	<1	<5	64	346	53	7.36	0.03	4.93	<0.5
HH21-104992		1.07	2	13	<5	72	347	54	7.18	0.02	4.88	<0.5
HH21-104993		1.14	7	23	<5	95	346	54	7.00	0.02	4.73	<0.5
HH21-104994		1.28	1	<1	<5	68	309	50	6.51	0.02	4.51	<0.5
HH21-104995		1.16	<1	<1	<5	29	316	48	6.82	0.01	4.74	<0.5
HH21-104996		1.20	1	20	8	55	370	58	7.74	0.01	5.24	<0.5
HH21-104997		1.08	1	<1	<5	66	361	57	7.84	0.02	5.25	<0.5
HH21-104998		1.15	6	161	19	101	380	56	7.46	0.05	5.07	<0.5
HH21-104999		0.07	1940	1650	218	8820	644	50	4.52	2.09	7.26	4.7
HH21-105000		1.13	4	27	5	111	367	56	7.24	0.04	4.99	0.9
HH21-105001		1.18	2	13	<5	80	348	54	6.97	0.04	4.81	<0.5
HH21-105002		1.17	<1	<1	<5	63	341	55	7.23	0.03	5.00	<0.5
HH21-105003		1.12	4	<1	<5	79	349	55	7.49	0.03	5.06	<0.5
HH21-105004		1.23	6	294	28	125	400	57	7.32	0.08	5.08	<0.5
HH21-105005		0.07	82	604	311	4660	4400	113	3.94	1.65	14.25	2.0
HH21-105006		1.09	1	47	5	97	328	48	6.38	0.04	4.44	<0.5
HH21-105007		1.15	<1	<1	<5	47	292	45	6.05	0.07	4.30	<0.5
HH21-105008		1.14	<1	<1	<5	65	367	58	7.85	0.02	5.23	<0.5
HH21-105009		1.10	<1	1	5	69	334	54	7.19	0.03	4.92	<0.5
HH21-105010		1.24	1	57	9	66	357	55	7.21	0.03	4.94	<0.5
HH21-105011		1.26	<1	14	<5	43	342	53	6.95	0.02	4.85	<0.5
HH21-105012		1.12	<1	<1	<5	61	349	53	7.00	0.03	4.80	<0.5
HH21-105013		1.10	11	25	<5	132	342	51	6.77	0.04	4.80	<0.5
HH21-105014		1.13	12	26	6	110	332	51	6.87	0.03	4.70	<0.5
HH21-105015		1.19	2	12	6	66	300	49	6.27	0.03	4.48	<0.5
HH21-105016		1.20	<1	<1	<5	173	327	48	5.74	0.06	4.34	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
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Page: **Appendix 1**
 Total # Appendix Pages: **1**
 Finalized Date: **3-JUL-2021**
 Account: **MZI**

Project: 18-101

CERTIFICATE OF ANALYSIS TB21158130

	CERTIFICATE COMMENTS								
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 17%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 2-JUL-2021
Account: MZI

CERTIFICATE TB21158131

Project: 18-101

P.O. No.: 182449

This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 20-JUN-2021.

The following have access to data associated with this certificate:

JAMI BROWN
DENIS DECHARTE
LDIM WEBTRIEVE

KAITLYN CHOVANCAK
CLAIRE MCGUINNESS

SAM DAVIES
KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21158131

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-105017		1.66	<1	1	<5	1	2	<1	11.50	0.01	0.09	<0.5
HH21-105018		1.23	3	49	7	65	334	52	6.95	0.03	4.88	<0.5
HH21-105019		1.27	1	26	<5	65	358	56	7.45	0.03	5.05	<0.5
HH21-105020		1.26	1	2	<5	68	337	54	7.10	0.04	4.86	<0.5
HH21-105021		1.15	1	8	<5	82	343	54	7.17	0.04	5.02	<0.5
HH21-105022		1.22	37	337	33	269	443	59	6.99	0.10	5.42	<0.5
HH21-105023		1.35	3	3	<5	86	342	50	6.58	0.05	4.61	<0.5
HH21-105024		1.19	1	12	<5	60	345	53	7.09	0.03	4.88	<0.5
HH21-105025		1.18	4	21	<5	68	322	49	6.64	0.03	4.67	<0.5
HH21-105026		1.24	2	2	<5	79	359	56	7.70	0.04	5.19	<0.5
HH21-105027		1.29	2	2	<5	76	367	54	7.42	0.04	5.00	<0.5
HH21-105028		1.20	3	2	<5	93	397	59	8.05	0.05	5.33	<0.5
HH21-105029		1.19	3	11	<5	127	436	61	8.23	0.06	5.51	<0.5
HH21-105030		1.34	2	44	7	111	425	57	7.74	0.05	5.29	<0.5
HH21-105031		1.28	<1	2	<5	82	387	59	8.22	0.04	5.48	<0.5
HH21-105032		1.24	2	3	<5	113	422	59	8.25	0.05	5.52	<0.5
HH21-105033		1.08	5	44	7	116	422	64	8.57	0.05	5.73	<0.5
HH21-105034		1.36	3	11	<5	98	400	60	8.20	0.05	5.45	<0.5
HH21-105035		1.25	31	568	64	235	487	61	7.65	0.09	5.65	<0.5
HH21-105036		0.07	4990	2060	1340	89	85	64	0.25	0.01	2.25	0.8
HH21-105037		1.50	31	240	26	236	482	66	8.20	0.10	5.93	<0.5
HH21-105038		1.12	60	713	96	530	439	53	5.35	0.17	4.99	<0.5
HH21-105039		1.12	19	129	14	212	467	67	7.50	0.10	6.45	<0.5
HH21-105040		1.18	43	697	97	486	688	81	7.64	0.33	7.21	<0.5
HH21-105041		1.18	3	4	<5	119	400	59	7.78	0.06	5.71	<0.5
HH21-105042		1.21	4	6	<5	171	444	63	7.77	0.08	6.03	<0.5
HH21-105043		1.32	6	2	<5	151	296	55	6.31	0.06	5.31	<0.5
HH21-105044		1.22	2	3	<5	115	372	58	7.27	0.05	5.67	<0.5
HH21-105045		1.16	6	3	<5	138	353	55	6.83	0.04	5.26	<0.5
HH21-105046		1.19	14	92	20	265	497	76	8.80	0.16	7.06	<0.5
HH21-105047		1.34	5	4	<5	114	329	62	7.34	0.05	5.95	<0.5
HH21-105048		1.15	9	19	<5	252	466	74	8.46	0.12	6.99	<0.5
HH21-105049		1.38	6	1	<5	150	396	75	9.19	0.06	7.28	<0.5
HH21-105050		0.07	48	604	318	4790	4540	115	4.03	1.71	14.65	2.0
HH21-105051		1.19	2	2	<5	98	365	70	8.97	0.05	7.02	<0.5
HH21-105052		1.17	2	<1	<5	95	364	72	8.63	0.05	6.94	<0.5
HH21-105053		1.21	2	3	<5	100	364	69	8.47	0.06	6.80	<0.5
HH21-105054		1.30	4	2	<5	100	340	65	8.04	0.04	6.45	<0.5
HH21-105055		1.30	2	8	<5	121	388	76	9.35	0.09	7.25	<0.5
HH21-105056		1.12	7	133	16	124	440	75	9.82	0.06	7.47	<0.5



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THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21158131

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-105057		1.21	2	1	<5	108	359	65	8.05	0.05	6.28	<0.5
HH21-105058		1.17	<1	1	<5	112	345	66	8.23	0.05	6.38	<0.5
HH21-105059		1.16	2	5	<5	110	369	69	8.40	0.05	6.57	<0.5
HH21-105060		1.16	3	44	6	118	389	67	8.00	0.05	6.56	<0.5
HH21-105061		1.13	4	17	<5	132	329	67	7.41	0.08	6.75	<0.5
HH21-105062		1.14	12	186	19	172	258	54	4.60	0.12	6.19	<0.5
HH21-105063		1.05	<1	2	<5	1	<1	<1	11.70	<0.01	0.07	<0.5
HH21-105064		1.38	11	97	9	168	323	54	6.01	0.06	5.37	<0.5
HH21-105065		1.09	2	9	<5	159	406	68	8.27	0.09	6.49	<0.5
HH21-105066		1.29	8	98	11	216	412	62	6.83	0.12	6.04	<0.5
HH21-105067		1.05	9	230	24	163	317	51	5.09	0.14	5.00	<0.5
HH21-105068		1.17	4	11	<5	117	229	45	4.80	0.08	4.84	<0.5
HH21-105069		0.68	5	40	7	125	263	49	5.30	0.07	5.19	<0.5
HH21-105070		0.51	5	11	<5	82	384	66	7.65	0.03	6.42	<0.5
HH21-105071		1.23	3	4	<5	124	414	71	8.78	0.06	6.97	<0.5
HH21-105072		1.20	3	14	<5	150	396	71	8.27	0.07	6.61	<0.5
HH21-105073		0.07	1780	1650	222	8780	650	49	4.53	2.09	7.29	4.7
HH21-105074		1.24	4	87	11	172	411	75	8.93	0.09	7.16	<0.5
HH21-105075		1.30	14	29	6	409	484	71	7.56	0.22	6.41	<0.5
HH21-105076		1.22	<1	1	<5	88	374	71	8.71	0.05	6.72	<0.5
HH21-105077		1.15	<1	2	<5	83	342	66	8.21	0.05	6.49	<0.5
HH21-105078		1.20	4	7	<5	129	337	69	7.79	0.08	6.84	<0.5
HH21-105079		1.34	1	2	<5	153	353	66	7.64	0.12	6.56	<0.5
HH21-105080		1.24	<1	1	<5	137	357	64	7.67	0.07	6.17	<0.5
HH21-105081		1.27	<1	1	<5	136	394	74	9.36	0.07	7.11	<0.5
HH21-105082		0.07	55	576	280	4550	4350	111	3.91	1.62	14.10	1.8
HH21-105083		1.15	3	3	<5	226	442	73	8.67	0.15	7.05	<0.5
HH21-105084		1.28	2	3	<5	144	386	70	8.74	0.07	6.95	<0.5
HH21-105085		1.21	2	21	<5	138	357	64	7.31	0.07	6.19	<0.5
HH21-105086		1.20	3	5	<5	338	490	67	7.04	0.18	6.00	<0.5
HH21-105087		1.21	2	1	<5	166	366	60	7.05	0.08	5.75	<0.5
HH21-105088		1.26	12	10	<5	284	332	59	6.54	0.21	6.15	<0.5
HH21-105089		1.21	16	373	38	333	472	77	7.24	0.36	7.91	<0.5
HH21-105090		1.16	2	23	<5	65	347	63	7.87	0.03	5.89	<0.5
HH21-105091		1.19	8	1	<5	57	342	62	7.92	0.02	5.93	<0.5
HH21-105092		1.21	8	1	<5	145	376	65	7.91	0.07	6.02	<0.5
HH21-105093		1.22	2	25	<5	81	387	67	9.01	0.04	6.31	<0.5
HH21-105094		1.17	4	158	14	110	379	63	8.02	0.09	5.93	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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Project: 18-101

CERTIFICATE OF ANALYSIS TB21158131

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Account: MZI

CERTIFICATE TB21161274

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 23-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21161274

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5	
HH21-105095		1.92	<1	1	<5	24	11	<1	11.70	0.02	0.13	<0.5
HH21-105096		1.16	28	923	80	248	533	68	7.73	0.19	6.14	<0.5
HH21-105097		1.21	5	9	<5	93	360	67	8.60	0.05	6.33	<0.5
HH21-105098		1.22	1	84	10	67	403	72	9.30	0.05	6.78	<0.5
HH21-105099		1.25	2	5	<5	79	382	71	9.07	0.05	6.83	<0.5
HH21-105100		1.28	4	82	10	89	378	66	8.38	0.04	6.21	<0.5
HH21-105101		1.40	18	1030	89	194	482	74	9.57	0.08	7.03	<0.5
HH21-105102		1.21	2	5	<5	70	411	73	9.86	0.03	6.87	<0.5
HH21-105103		1.28	<1	2	<5	63	405	74	9.71	0.02	6.72	<0.5
HH21-105104		1.07	<1	1	<5	39	323	57	7.66	0.01	5.36	<0.5
HH21-105105		1.20	4	2	<5	169	112	30	3.02	0.40	3.88	<0.5
HH21-105106		1.25	<1	97	9	64	402	65	8.68	0.04	6.34	<0.5
HH21-105107		1.17	<1	2	<5	46	401	68	8.83	0.03	6.58	<0.5
HH21-105108		1.21	2	2	<5	141	431	69	8.51	0.08	6.31	<0.5
HH21-105109		1.23	1	1	<5	123	450	75	9.78	0.07	7.05	<0.5
HH21-105110		0.07	5270	2010	1280	90	85	63	0.25	0.01	2.23	0.8
HH21-105111		1.26	1	2	<5	78	383	67	8.88	0.04	6.42	<0.5
HH21-105112		1.32	<1	2	<5	76	395	72	9.28	0.04	6.82	<0.5
HH21-105113		1.25	<1	75	8	61	391	70	8.81	0.03	6.55	<0.5
HH21-105114		1.31	<1	1	<5	69	364	68	8.61	0.04	6.44	<0.5
HH21-105115		1.25	<1	1	<5	74	374	68	8.37	0.03	6.38	<0.5
HH21-105116		1.19	7	43	8	192	493	75	8.82	0.14	6.76	<0.5
HH21-105117		1.33	<1	1	<5	103	472	89	11.65	0.09	8.50	<0.5
HH21-105118		1.34	3	3	<5	39	140	30	3.43	0.01	3.02	<0.5
HH21-105119		0.93	<1	3	<5	40	169	31	3.67	0.01	3.16	<0.5
HH21-105120		1.54	2	102	11	93	398	68	8.79	0.03	6.62	<0.5
HH21-105121		1.25	1	16	<5	139	495	77	10.20	0.08	7.27	<0.5
HH21-105122		1.28	1	32	<5	112	479	83	11.25	0.06	7.53	<0.5
HH21-105123		1.32	<1	2	<5	81	426	74	10.30	0.05	6.85	<0.5
HH21-105124		0.07	99	610	301	4450	4280	113	3.82	1.63	13.90	1.8
HH21-105125		1.35	2	52	10	94	425	73	9.89	0.04	6.68	<0.5
HH21-105126		1.45	4	52	5	73	423	72	9.82	0.03	6.69	<0.5
HH21-105127		1.25	2	2	<5	71	418	74	10.35	0.03	6.96	<0.5
HH21-105128		1.41	<1	4	<5	62	435	76	10.55	0.02	7.06	<0.5
HH21-105129		1.33	3	27	<5	87	399	67	9.02	0.04	6.15	<0.5
HH21-105130		1.27	1	<1	<5	81	439	74	10.40	0.04	7.02	<0.5
HH21-105131		1.48	<1	8	<5	67	401	69	9.40	0.04	6.52	<0.5
HH21-105132		1.54	<1	1	<5	54	373	66	9.22	0.03	6.27	<0.5
HH21-105133		2.90	3	383	52	160	361	39	5.24	0.11	5.68	<0.5
HH21-105134		2.90	82	1830	201	992	1030	47	4.48	0.20	4.19	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21161274

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-105135		2.40	<1	2	<5	3	3	<1	12.15	<0.01	0.09	<0.5
HH21-105136		2.66	80	397	54	1255	1190	62	5.93	0.29	5.25	0.7
HH21-105137		2.43	55	633	176	405	549	40	4.59	0.07	4.08	<0.5
HH21-105138		2.49	54	960	212	367	634	36	3.31	0.09	3.34	<0.5
HH21-105139		2.34	154	1880	291	995	1230	55	2.87	0.34	3.03	0.5
HH21-105140		2.42	57	779	192	387	604	35	3.33	0.10	2.87	<0.5
HH21-105141		2.53	54	417	136	256	507	45	5.41	0.05	4.34	<0.5
HH21-105142		2.38	36	482	81	202	547	51	6.50	0.04	5.00	<0.5
HH21-105143		2.43	47	435	81	268	503	52	6.82	0.05	5.17	<0.5
HH21-105144		2.54	81	740	106	427	602	45	5.20	0.08	4.35	<0.5
HH21-105145		2.47	55	782	104	245	548	46	5.63	0.03	4.65	<0.5
HH21-105146		0.07	1840	1590	225	8670	627	49	4.41	2.04	7.14	5.1
HH21-105147		2.33	45	1090	189	233	389	36	3.88	0.04	4.62	<0.5
HH21-105148		2.47	95	581	81	396	388	38	4.10	0.08	4.58	<0.5
HH21-105149		2.51	280	1760	150	1130	1120	56	4.76	0.23	5.15	0.5
HH21-105150		2.38	236	2400	222	697	1180	56	6.02	0.16	4.70	<0.5
HH21-105151		2.45	168	1230	90	682	932	52	5.96	0.13	4.88	<0.5
HH21-105152		2.44	144	2990	395	869	1180	54	4.69	0.22	4.29	0.6
HH21-105153		2.35	43	573	97	306	413	33	3.29	0.08	3.51	<0.5
HH21-105154		2.60	35	510	71	202	573	58	6.88	0.06	5.64	<0.5
HH21-105155		2.53	88	1150	210	438	902	83	10.60	0.11	7.52	<0.5
HH21-105156		2.53	31	1120	196	229	622	36	3.34	0.11	3.07	<0.5
HH21-105157		2.45	45	1210	237	458	659	38	3.53	0.13	3.07	<0.5
HH21-105158		2.45	13	367	116	125	404	35	4.32	0.02	3.50	<0.5
HH21-105159		2.37	6	722	153	89	478	38	4.93	0.07	4.00	<0.5
HH21-105160		0.07	185	611	296	4650	4440	117	3.96	1.64	14.40	1.9
HH21-105161		2.50	23	1320	190	303	665	44	5.83	0.09	4.39	<0.5
HH21-105162		2.33	16	414	73	133	464	48	6.50	0.04	4.83	<0.5
HH21-105163		2.39	13	253	23	321	207	48	2.97	0.77	4.39	<0.5
HH21-105164		2.44	14	205	66	178	420	55	6.37	0.20	5.07	<0.5
HH21-105165		2.45	9	788	137	65	491	55	7.36	0.01	5.32	<0.5
HH21-105166		2.36	41	785	172	237	470	41	5.42	0.04	4.15	<0.5
HH21-105167		2.31	32	556	128	205	432	44	5.84	0.04	4.47	<0.5
HH21-105168		2.52	22	243	74	122	475	56	7.69	0.04	5.23	<0.5
HH21-105169		2.40	25	431	73	153	499	56	7.59	0.02	5.22	<0.5
HH21-105170		2.30	21	726	87	97	455	31	3.25	0.06	2.79	<0.5
HH21-105171		2.48	8	1310	148	53	562	31	3.31	0.05	2.65	<0.5
HH21-105172		2.40	69	1710	163	707	886	35	2.85	0.19	2.60	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21161274

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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CERTIFICATE TB21164605

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21164605

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5
	HH21-105173		2.17	<1	<1	<5	3	2	1	12.30
HH21-105174		2.30	10	264	42	183	411	51	5.84	0.6
HH21-105175		2.30	10	150	23	142	333	51	5.53	<0.5
HH21-105176		2.06	7	89	18	167	305	50	5.14	<0.5
HH21-105177		2.16	3	443	74	115	435	53	6.29	<0.5
HH21-105178		2.21	<1	309	67	7	392	53	6.08	<0.5
HH21-105179		2.06	<1	383	81	12	491	67	6.92	<0.5
HH21-105180		2.10	3	282	69	43	381	49	6.44	<0.5
HH21-105181		2.24	7	408	76	115	401	49	6.36	<0.5
HH21-105182		2.14	10	364	72	132	387	46	5.94	<0.5
HH21-105183		2.10	13	311	76	165	369	45	5.58	<0.5
HH21-105184		0.07	4870	2020	1300	90	87	64	0.26	0.7
HH21-105185		2.15	29	458	127	309	409	39	4.15	0.6
HH21-105186		2.10	21	535	152	220	382	40	4.83	<0.5
HH21-105187		2.09	11	399	97	125	305	35	4.25	0.5
HH21-105188		2.19	9	303	67	127	355	45	5.60	<0.5
HH21-105189		2.14	19	302	71	174	338	38	4.57	<0.5
HH21-105190		2.20	26	304	68	214	400	41	4.79	<0.5
HH21-105191		2.27	13	314	82	114	386	51	6.43	<0.5
HH21-105192		2.25	10	226	44	99	410	52	6.63	<0.5
HH21-105193		2.10	22	307	78	229	449	47	5.32	<0.5
HH21-105194		2.14	4	242	58	71	331	30	3.60	<0.5
HH21-105195		2.16	6	217	58	115	276	29	3.28	<0.5
HH21-105196		2.21	13	986	181	148	438	34	3.75	<0.5
HH21-105197		2.01	26	1200	230	350	546	28	2.05	<0.5
HH21-105198		2.07	27	1280	141	699	918	45	3.00	0.7
HH21-105199		2.22	19	182	28	653	373	53	5.22	0.9
HH21-105200		2.26	24	1440	104	592	973	68	4.96	0.7
HH21-105201		2.13	75	5800	830	2900	2630	105	4.96	1.7
HH21-105202		2.19	72	1180	126	733	867	65	5.36	0.7
HH21-105203		0.07	121	610	320	4550	4330	115	3.99	1.9
HH21-105204		2.22	57	1460	169	733	860	55	5.03	0.8
HH21-105205		2.25	31	783	99	553	654	48	4.47	0.6
HH21-105206		2.11	8	494	122	111	387	32	3.62	<0.5
HH21-105207		2.25	14	483	141	212	316	27	2.71	<0.5
HH21-105208		2.01	61	887	127	702	661	48	4.82	0.8
HH21-105209		2.14	49	966	183	590	795	56	5.44	0.6
HH21-105210		2.18	46	1520	180	1415	1100	65	4.96	1.3
HH21-105211		2.30	34	1050	135	1040	810	52	5.07	0.7
HH21-105212		2.23	2	86	44	88	193	26	2.98	<0.5



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556 TENTH AVE
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Page: 3 - A
 Total # Pages: 3 (A)
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 Finalized Date: 13-JUL-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21164605

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105213		2.32	8	367	78	118	287	31	3.51	<0.5
HH21-105214		2.16	3	263	84	84	314	21	2.05	<0.5
HH21-105215		2.07	3	159	63	129	208	21	2.54	<0.5
HH21-105216		2.13	5	169	45	75	302	28	3.34	<0.5
HH21-105217		2.20	201	1670	189	1180	1150	57	4.56	0.6
HH21-105218		1.93	28	1060	137	470	785	43	4.35	0.5
HH21-105219		2.50	<1	<1	<5	3	1	<1	12.45	<0.5
HH21-105220		1.98	26	814	110	773	688	41	4.24	0.5
HH21-105221		1.94	12	645	129	155	464	30	3.23	<0.5
HH21-105222		2.12	92	1140	161	816	1030	54	5.09	0.7
HH21-105223		2.14	30	1960	392	502	1190	59	4.92	0.5
HH21-105224		2.09	21	3010	424	270	995	56	5.04	0.5
HH21-105225		2.15	22	914	148	314	935	69	7.71	<0.5
HH21-105226		2.15	14	452	81	190	662	76	10.25	<0.5
HH21-105227		2.14	25	392	82	252	656	71	8.98	<0.5
HH21-105228		2.13	28	375	87	267	648	70	8.88	<0.5
HH21-105229		2.24	10	376	83	117	532	66	8.90	<0.5
HH21-105230		2.25	25	636	129	242	673	72	9.20	<0.5
HH21-105231		2.01	29	464	116	196	564	63	8.29	<0.5
HH21-105232		2.14	42	628	125	217	500	51	6.02	<0.5
HH21-105233		0.07	1880	1680	245	9030	667	53	4.72	4.8
HH21-105234		2.13	62	637	137	331	538	43	4.81	<0.5
HH21-105235		2.03	62	387	83	434	657	52	5.53	<0.5
HH21-105236		2.04	323	874	123	870	1100	62	5.66	0.5
HH21-105237		2.03	79	312	42	437	611	52	5.88	<0.5
HH21-105238		2.01	16	137	14	126	384	48	5.81	<0.5
HH21-105239		2.19	26	77	24	146	436	51	6.41	<0.5
HH21-105240		2.08	56	478	69	293	548	60	7.28	<0.5
HH21-105241		2.08	83	3230	189	580	709	60	6.50	0.5
HH21-105242		2.12	11	313	72	166	353	44	5.20	<0.5
HH21-105243		0.07	132	602	295	4760	4610	119	4.14	2.1
HH21-105244		2.05	3	271	79	73	343	44	5.39	<0.5
HH21-105245		2.03	8	170	48	153	425	54	7.53	<0.5
HH21-105246		2.04	1	276	86	50	282	36	4.35	<0.5
HH21-105247		1.98	<1	236	81	46	264	35	4.16	<0.5
HH21-105248		2.07	2	258	80	75	263	35	4.08	<0.5
HH21-105249		2.03	1	293	93	80	288	39	4.56	<0.5
HH21-105250		2.11	<1	212	66	24	273	31	3.62	<0.5



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Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21164605

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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CERTIFICATE TB21164606

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21164606

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105251		3.16	<1	<1	<5	4	<1	1	12.20	<0.5
HH21-105252		1.94	4	236	83	73	245	32	3.70	<0.5
HH21-105253		1.98	9	365	99	255	379	39	4.44	<0.5
HH21-105254		1.95	8	635	115	75	268	34	4.02	<0.5
HH21-105255		2.10	3	305	78	61	275	37	4.57	<0.5
HH21-105256		2.04	2	327	74	77	310	42	5.01	<0.5
HH21-105257		2.37	3	536	71	159	467	54	6.90	<0.5
HH21-105258		1.94	40	881	99	328	303	27	2.68	<0.5
HH21-105259		2.01	128	1480	150	1030	584	52	4.39	<0.5
HH21-105260		2.09	8	345	62	148	284	33	3.63	<0.5
HH21-105261		2.06	2	327	92	85	294	40	4.79	<0.5
HH21-105262		2.01	17	356	78	167	283	30	3.47	<0.5
HH21-105263		2.14	3	200	67	96	309	43	5.26	<0.5
HH21-105264		2.14	7	406	69	147	371	48	5.83	<0.5
HH21-105265		2.19	7	369	60	92	351	47	5.75	<0.5
HH21-105266		2.10	6	257	72	100	299	39	4.60	<0.5
HH21-105267		2.03	1	261	69	45	286	33	3.72	<0.5
HH21-105268		0.07	4870	1980	1280	89	88	63	0.26	0.8
HH21-105269		2.55	13	159	77	125	279	31	3.92	<0.5
HH21-105270		1.72	13	237	67	204	516	67	9.39	<0.5
HH21-105271		2.11	20	419	110	160	544	70	9.30	<0.5
HH21-105272		2.08	8	391	103	95	567	73	9.66	<0.5
HH21-105273		1.98	10	456	105	110	560	70	9.40	<0.5
HH21-105274		2.03	11	543	115	147	635	73	9.64	<0.5
HH21-105275		2.11	7	402	98	100	560	68	9.29	<0.5
HH21-105276		2.14	7	401	97	89	542	67	9.15	<0.5
HH21-105277		0.07	86	636	301	4800	4620	116	4.04	1.9
HH21-105278		2.03	14	530	93	194	622	71	9.68	<0.5
HH21-105279		2.05	6	298	65	106	527	64	8.96	<0.5
HH21-105280		2.09	12	303	67	123	466	56	7.26	<0.5
HH21-105281		2.09	5	276	91	84	430	52	7.20	<0.5
HH21-105282		2.13	3	245	88	81	433	54	7.34	<0.5
HH21-105283		2.05	5	304	92	82	469	58	7.92	<0.5
HH21-105284		2.18	6	345	84	77	524	65	8.94	<0.5
HH21-105285		2.01	10	280	58	86	574	70	10.00	<0.5
HH21-105286		2.07	16	349	68	104	591	71	9.99	<0.5
HH21-105287		2.10	40	496	71	171	705	76	10.80	<0.5
HH21-105288		2.20	42	620	81	326	921	94	12.95	<0.5
HH21-105289		2.20	75	831	93	691	1020	91	11.15	<0.5
HH21-105290		2.01	16	254	32	193	567	69	8.95	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 15-JUL-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21164606

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105291		2.17	16	624	57	108	730	77	11.80	<0.5
HH21-105292		2.21	<1	<1	<5	2	2	<1	12.00	<0.5
HH21-105293		2.06	19	657	78	93	674	74	11.55	<0.5
HH21-105294		2.13	24	634	97	161	534	55	7.67	<0.5
HH21-105295		2.16	13	289	57	134	489	52	7.26	<0.5
HH21-105296		2.00	20	853	132	194	658	66	9.08	<0.5
HH21-105297		1.01	16	948	152	268	699	63	8.36	<0.5
HH21-105298		1.05	3	129	74	18	191	19	2.21	<0.5
HH21-105299		2.22	26	251	100	311	350	33	3.45	<0.5
HH21-105300		2.00	64	860	135	1060	701	44	3.09	<0.5
HH21-105301		2.20	57	1630	233	1090	1160	55	3.01	1.1
HH21-105302		2.15	13	308	81	212	453	51	6.10	<0.5
HH21-105303		2.25	13	649	109	84	721	91	13.35	<0.5
HH21-105304		2.14	20	758	143	126	742	91	13.20	<0.5
HH21-105305		2.22	17	803	138	107	700	86	12.60	<0.5
HH21-105306		2.12	26	1080	195	132	728	83	11.95	<0.5
HH21-105307		2.23	200	1230	218	1080	1010	66	6.81	0.6
HH21-105308		2.29	53	287	38	336	564	50	5.72	<0.5
HH21-105309		2.18	66	131	30	159	420	48	6.07	<0.5
HH21-105310		2.12	22	102	24	136	411	42	5.99	<0.5
HH21-105311		2.07	48	241	41	308	522	48	5.87	<0.5
HH21-105312		0.07	1950	1650	226	8810	636	51	4.62	5.0
HH21-105313		2.03	12	631	113	88	575	73	10.60	<0.5
HH21-105314		2.20	68	791	91	805	867	63	6.68	<0.5
HH21-105315		2.07	32	175	39	309	449	48	5.98	<0.5
HH21-105316		2.05	130	1610	202	1240	1375	74	6.09	0.6
HH21-105317		2.24	27	614	104	423	898	84	9.91	<0.5
HH21-105318		2.23	7	320	72	125	552	73	9.85	<0.5
HH21-105319		2.15	10	432	93	124	608	80	10.85	<0.5
HH21-105320		2.00	18	439	77	208	636	75	9.93	<0.5
HH21-105321		2.39	27	334	67	483	913	69	8.78	<0.5
HH21-105322		2.02	19	173	43	338	581	54	6.65	<0.5
HH21-105323		2.15	10	335	69	204	514	65	8.27	<0.5
HH21-105324		2.05	45	948	173	644	853	68	7.76	<0.5
HH21-105325		0.07	98	626	328	4430	4260	112	3.92	2.0
HH21-105326		2.23	14	578	135	209	705	84	11.35	<0.5
HH21-105327		2.14	12	147	20	181	400	52	6.15	<0.5
HH21-105328		1.99	14	170	22	312	510	53	6.01	<0.5



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 Finalized Date: 12-JUL-2021
 Account: MZI

CERTIFICATE TB21167491

Project: MZI_TB21147657

This report is for 9 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 30-JUN-2021.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21147657**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Finalized Date: 12-JUL-2021
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Project: MZI_TB21147657

CERTIFICATE OF ANALYSIS TB21167491

Sample Description	Method Analyte Units LOD	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Fe % 0.01	ME-ICP61 S % 0.01
HH21-104733		145	585	79	10.70	0.6	7.40	0.04
HH21-104734		115	554	78	10.55	<0.5	7.31	0.02
HH21-104735		102	514	72	10.10	<0.5	6.95	0.03
HH21-104736		68	366	54	7.41	<0.5	5.16	0.02
HH21-104737		4520	4380	114	3.98	2.2	14.55	1.65
HH21-104738		50	466	68	9.66	<0.5	6.65	0.01
HH21-104739		32	506	73	10.35	<0.5	7.23	0.02
HH21-104740		43	464	67	9.58	<0.5	6.65	0.01
HH21-104741		36	381	57	7.46	<0.5	5.45	0.03

Comments: **Re-analysis results for samples originally reported on certificate TB21147657**

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



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CERTIFICATE OF ANALYSIS TB21167491

CERTIFICATE COMMENTS

Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND-02 ME-ICP61</p>
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Project: MZI_TB21147657

This report is for 9 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 30-JUN-2021.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
--	--	-------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21147657**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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To: IMPALA CANADA LTD.
 BUSINESS NUMBER 131081184
 556 TENTH AVE
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 Account: MZI

Project: MZI_TB21147657

CERTIFICATE OF ANALYSIS TB21167491

Sample Description	Method Analyte Units LOD	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Fe % 0.01	ME-ICP61 S % 0.01
HH21-104733		145	585	79	10.70	0.6	7.40	0.04
HH21-104734		115	554	78	10.55	<0.5	7.31	0.02
HH21-104735		102	514	72	10.10	<0.5	6.95	0.03
HH21-104736		68	366	54	7.41	<0.5	5.16	0.02
HH21-104737		4520	4380	114	3.98	2.2	14.55	1.65
HH21-104738		50	466	68	9.66	<0.5	6.65	0.01
HH21-104739		32	506	73	10.35	<0.5	7.23	0.02
HH21-104740		43	464	67	9.58	<0.5	6.65	0.01
HH21-104741		36	381	57	7.46	<0.5	5.45	0.03

Comments: **Re-analysis results for samples originally reported on certificate TB21147657**

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



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Project: MZI_TB21147657

CERTIFICATE OF ANALYSIS TB21167491

	CERTIFICATE COMMENTS
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND-02 ME-ICP61</p>



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CERTIFICATE TB21168567

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 30-JUN-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
--	--	-------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21168567

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105407		1.61	<1	<1	<5	1	3	<1	11.60	<0.5
HH21-105408		2.17	13	44	12	347	469	61	6.96	<0.5
HH21-105409		2.20	55	92	22	517	638	76	8.49	<0.5
HH21-105410		2.23	10	64	12	183	376	59	7.03	<0.5
HH21-105411		2.24	18	98	16	199	433	67	8.27	<0.5
HH21-105412		2.39	15	104	19	185	338	60	6.43	<0.5
HH21-105413		2.28	12	63	19	110	330	56	6.28	<0.5
HH21-105414		2.27	11	54	17	117	333	55	6.40	<0.5
HH21-105415		2.37	8	16	<5	190	392	66	8.12	<0.5
HH21-105416		2.29	17	202	69	141	430	47	6.30	<0.5
HH21-105417		2.29	25	123	33	346	499	57	6.28	<0.5
HH21-105418		2.23	40	123	18	560	543	59	5.45	<0.5
HH21-105419		2.29	79	170	32	948	768	69	6.90	0.8
HH21-105420		2.24	78	270	75	790	738	70	7.03	<0.5
HH21-105421		2.29	63	198	59	748	743	63	6.87	<0.5
HH21-105422		2.30	59	324	57	603	908	66	5.90	0.5
HH21-105423		2.31	31	127	16	440	491	51	5.97	<0.5
HH21-105424		2.21	22	23	9	336	361	53	6.35	<0.5
HH21-105425		0.07	4870	2050	1320	88	85	62	0.24	0.8
HH21-105426		2.33	28	75	21	333	409	54	6.22	<0.5
HH21-105427		2.09	36	77	20	371	556	59	7.46	<0.5
HH21-105428		2.19	40	99	21	512	383	50	5.22	<0.5
HH21-105429		2.18	33	125	25	401	480	56	6.34	<0.5
HH21-105430		2.17	89	251	61	827	591	50	5.11	<0.5
HH21-105431		2.24	126	673	98	1130	1060	70	5.85	0.5
HH21-105432		2.15	9	10	<5	173	354	51	6.05	<0.5
HH21-105433		0.07	82	624	298	4810	4570	118	3.99	2.2
HH21-105434		2.34	50	360	87	524	773	57	5.51	<0.5
HH21-105435		2.18	22	132	52	376	349	42	4.53	<0.5
HH21-105436		2.22	86	297	80	582	536	41	3.46	<0.5
HH21-105437		1.95	19	19	<5	303	365	58	6.98	<0.5
HH21-105438		2.23	134	419	72	811	744	58	4.74	<0.5
HH21-105439		2.17	10	20	5	232	406	73	7.69	<0.5
HH21-105440		2.35	107	221	76	508	593	62	5.55	<0.5
HH21-105441		2.14	31	105	22	351	436	52	5.47	<0.5
HH21-105442		3.05	115	1070	175	1005	1550	66	4.60	<0.5
HH21-105443		1.24	3	408	36	41	260	20	1.75	<0.5
HH21-105444		2.07	2	52	7	51	173	15	1.22	<0.5
HH21-105445		2.05	17	56	14	169	207	15	0.97	<0.5
HH21-105446		1.59	9	375	109	126	356	22	1.32	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21168567

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
		kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105447		2.83	3	5	<5	121	321	55	6.36	<0.5
HH21-105448		2.16	8	16	<5	161	298	50	5.65	<0.5
HH21-105449		2.27	7	68	12	160	309	52	5.74	<0.5
HH21-105450		2.19	5	357	30	236	490	43	4.03	<0.5
HH21-105451		2.12	16	1100	116	367	1290	77	5.17	<0.5
HH21-105452		2.24	56	3400	264	1760	2470	106	4.94	0.7
HH21-105453		2.14	37	2080	132	658	1645	101	5.04	0.5
HH21-105454		2.20	24	236	31	471	384	49	4.21	<0.5
HH21-105455		2.14	31	605	58	418	354	46	3.78	<0.5
HH21-105456		2.18	32	186	23	287	228	41	3.67	<0.5
HH21-105457		1.49	1	5	<5	1	<1	<1	11.05	<0.5
HH21-105458		2.23	47	411	36	272	329	39	3.54	<0.5
HH21-105459		2.05	12	136	<5	201	345	50	3.99	<0.5
HH21-105460		2.18	5	65	6	216	231	42	3.87	<0.5
HH21-105461		2.07	7	187	<5	241	248	47	4.43	<0.5
HH21-105462		2.02	5	69	16	227	282	47	4.82	<0.5
HH21-105463		2.21	9	80	14	251	307	56	4.83	<0.5
HH21-105464		2.19	6	62	<5	185	274	44	4.19	<0.5
HH21-105465		2.15	6	99	<5	335	342	49	4.28	<0.5
HH21-105466		2.21	6	315	<5	309	491	48	4.58	<0.5
HH21-105467		2.00	8	60	9	284	374	61	5.90	<0.5
HH21-105468		2.21	11	586	52	315	586	75	6.98	<0.5
HH21-105469		0.07	1960	1640	211	8520	624	48	4.46	4.6
HH21-105470		2.24	5	98	27	208	309	54	5.39	<0.5
HH21-105471		2.16	9	261	9	339	348	58	5.34	<0.5
HH21-105472		2.09	5	85	27	196	228	49	4.81	<0.5
HH21-105473		2.18	10	414	130	164	283	57	5.34	<0.5
HH21-105474		2.28	13	271	111	170	297	57	5.49	<0.5
HH21-105475		2.29	7	129	41	134	302	54	5.51	<0.5
HH21-105476		2.23	8	7	10	88	200	34	3.67	<0.5
HH21-105477		2.29	9	134	24	141	433	59	7.00	<0.5
HH21-105478		0.07	66	591	332	4430	4340	115	3.91	1.9
HH21-105479		2.14	11	96	14	363	610	59	5.82	<0.5
HH21-105480		2.18	13	24	7	371	383	51	4.76	<0.5
HH21-105481		2.16	17	32	13	511	544	49	3.79	<0.5
HH21-105482		2.27	4	32	9	180	302	45	4.47	<0.5
HH21-105483		2.09	11	140	21	186	394	44	4.46	<0.5
HH21-105484		2.20	31	309	36	383	390	45	4.33	<0.5



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 16-JUL-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21168567

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
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 Finalized Date: 5-AUG-2021
 Account: MZI

CERTIFICATE TB21185706

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 16-JUL-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES KATHRYN STINSON
--	--	-------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21185706

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105485		1.47	1	<1	<5	1	1	<1	12.95	<0.5
HH21-105486		2.07	55	243	51	529	515	49	5.07	<0.5
HH21-105487		2.72	30	263	31	235	360	42	4.48	<0.5
HH21-105488		2.65	<1	2	<5	20	14	2	0.27	<0.5
HH21-105489		2.97	16	134	45	159	340	41	4.89	<0.5
HH21-105490		2.18	44	463	114	437	500	45	4.66	<0.5
HH21-105491		2.08	40	521	106	312	474	51	5.18	<0.5
HH21-105492		2.12	15	141	34	149	398	53	6.13	<0.5
HH21-105493		0.07	4340	1940	1240	87	85	64	0.26	0.8
HH21-105494		2.25	11	45	10	102	398	57	6.90	<0.5
HH21-105495		2.13	15	86	20	116	527	83	9.86	<0.5
HH21-105496		2.24	20	80	20	139	453	76	8.36	<0.5
HH21-105497		2.11	26	217	67	282	536	57	6.50	<0.5
HH21-105498		2.14	64	444	58	531	648	62	7.49	<0.5
HH21-105499		2.03	40	313	89	405	522	55	5.49	<0.5
HH21-105500		2.19	19	101	38	197	355	44	5.04	<0.5
HH21-105501		2.07	21	69	25	290	388	46	5.25	<0.5
HH21-105502		2.12	49	234	90	801	804	71	6.63	0.5
HH21-105503		2.24	36	258	84	741	709	71	5.43	<0.5
HH21-105504		2.09	45	128	52	463	646	58	5.66	<0.5
HH21-105505		2.09	38	141	45	476	642	55	5.88	<0.5
HH21-105506		2.50	35	124	37	308	529	58	6.33	<0.5
HH21-105507		1.79	15	94	20	108	452	70	8.20	<0.5
HH21-105508		2.41	12	74	14	111	405	66	7.84	<0.5
HH21-105509		2.18	15	73	16	106	410	67	8.00	<0.5
HH21-105510		0.07	110	593	293	4470	4330	114	3.97	2.1
HH21-105511		2.38	13	79	14	127	415	68	7.74	<0.5
HH21-105512		2.19	13	70	14	115	411	64	7.50	<0.5
HH21-105513		2.42	13	60	10	131	391	60	7.25	<0.5
HH21-105514		2.12	13	65	10	115	380	59	6.81	<0.5
HH21-105515		2.24	20	112	21	161	491	72	8.54	<0.5
HH21-105516		2.43	16	114	17	165	487	71	8.09	<0.5
HH21-105517		2.18	18	132	21	153	514	72	8.44	<0.5
HH21-105518		2.19	16	131	18	142	468	69	8.62	<0.5
HH21-105519		2.54	10	167	29	95	490	71	9.24	<0.5
HH21-105520		2.58	10	145	29	89	509	71	9.66	<0.5
HH21-105521		2.97	112	442	45	489	496	63	8.50	<0.5
HH21-105522		2.96	9	196	21	83	536	74	9.92	<0.5
HH21-105523		1.97	8	126	21	79	496	72	9.81	<0.5
HH21-105524		2.36	7	76	15	77	398	58	7.71	<0.5



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21185706

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105525		2.59	11	144	17	93	467	69	9.03	<0.5
HH21-105526		2.72	9	135	8	76	452	65	8.57	<0.5
HH21-105527		3.64	8	181	13	76	563	80	10.70	<0.5
HH21-105528		1.91	3	6	<5	61	26	5	0.48	<0.5
HH21-105529		1.93	4	89	11	65	387	60	7.80	<0.5
HH21-105530		2.62	12	61	24	131	386	50	6.18	<0.5
HH21-105531		1.42	<1	<1	<5	3	1	2	12.25	<0.5
HH21-105532		2.67	6	23	11	109	309	54	6.28	<0.5
HH21-105533		2.66	6	64	17	91	342	58	7.06	<0.5
HH21-105534		2.66	8	69	17	96	353	58	7.29	<0.5
HH21-105535		1.81	7	61	9	97	366	59	7.54	<0.5
HH21-105536		3.55	5	41	8	80	307	48	6.05	<0.5
HH21-105537		2.59	6	32	11	76	298	47	6.06	<0.5
HH21-105538		2.58	6	45	12	86	299	48	6.04	<0.5
HH21-105539		2.60	7	53	11	99	311	52	6.30	<0.5
HH21-105540		2.62	6	32	10	92	298	48	6.01	<0.5
HH21-105541		2.62	6	36	13	84	285	49	5.91	<0.5
HH21-105542		2.56	9	51	12	98	290	49	6.14	<0.5
HH21-105543		2.63	7	57	14	91	288	50	5.93	<0.5
HH21-105544		2.61	8	52	15	92	297	48	6.07	<0.5
HH21-105545		0.07	1960	1620	232	8730	632	51	4.58	4.7
HH21-105546		2.54	8	64	10	93	310	51	6.23	<0.5
HH21-105547		2.62	20	133	31	157	319	49	5.92	<0.5
HH21-105548		2.60	27	400	46	289	396	50	5.87	<0.5
HH21-105549		2.74	8	41	19	105	304	48	6.16	<0.5
HH21-105550		2.54	16	168	25	220	325	49	6.05	<0.5
HH21-105551		0.07	69	590	311	4540	4250	114	3.89	2.2
HH21-105552		2.23	14	52	15	120	314	51	6.24	<0.5
HH21-105553		2.17	24	86	22	134	321	50	6.23	<0.5
HH21-105554		2.20	13	60	22	112	326	50	6.31	<0.5
HH21-105555		2.33	14	147	28	107	332	48	6.06	<0.5
HH21-105556		2.31	14	70	18	107	322	48	6.08	<0.5
HH21-105557		2.07	12	52	19	102	317	49	6.06	<0.5
HH21-105558		2.04	13	248	32	131	305	47	5.47	<0.5
HH21-105559		2.48	13	42	<5	176	118	50	3.70	<0.5
HH21-105560		2.29	10	36	8	110	197	51	4.57	<0.5
HH21-105561		2.52	7	19	7	65	203	32	2.43	<0.5
HH21-105562		2.06	3	161	25	9	303	40	4.63	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 5-AUG-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21185706

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
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 Finalized Date: 19-SEP-2021
 Account: MZI

CERTIFICATE TB21227141

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21227141

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105563		2.15	<1	<1	<5	1	2	<1	12.15	<0.5
HH21-105564		2.22	183	3010	246	1140	1490	68	5.05	1.0
HH21-105565		2.17	69	3360	209	713	1325	75	5.27	1.5
HH21-105566		2.29	43	4600	405	489	2140	96	5.65	0.8
HH21-105567		2.33	17	101	24	74	332	43	5.72	<0.5
HH21-105568		2.36	11	78	30	93	370	54	6.77	<0.5
HH21-105569		2.13	10	100	39	81	368	56	6.69	<0.5
HH21-105570		2.38	16	228	46	84	395	52	6.42	<0.5
HH21-105571		1.80	8	106	38	78	367	54	6.62	<0.5
HH21-105572		2.45	11	122	34	101	374	55	6.61	<0.5
HH21-105573		0.07	4420	2020	1300	93	90	65	0.26	0.7
HH21-105574		2.26	11	69	25	95	366	56	6.41	<0.5
HH21-105575		2.27	12	44	13	89	313	48	5.86	<0.5
HH21-105576		2.47	10	36	12	101	348	49	6.42	<0.5
HH21-105577		2.26	21	232	29	173	436	55	6.55	<0.5
HH21-105578		2.29	17	102	27	96	354	52	6.61	<0.5
HH21-105579		2.42	12	112	28	97	341	50	5.96	<0.5
HH21-105580		2.22	8	72	19	73	294	43	5.42	<0.5
HH21-105581		2.29	15	101	28	92	329	49	5.91	<0.5
HH21-105582		2.22	13	98	32	93	344	53	6.23	<0.5
HH21-105583		2.14	10	105	32	100	377	60	6.85	<0.5
HH21-105584		2.15	6	124	36	109	381	64	7.25	<0.5
HH21-105585		1.86	10	150	45	105	370	61	6.78	<0.5
HH21-105586		0.07	63	609	322	4460	4290	113	3.88	1.9
HH21-105587		2.02	8	120	42	95	355	58	6.38	<0.5
HH21-105588		2.17	9	113	34	102	343	56	6.24	<0.5
HH21-105589		2.22	6	85	24	82	219	36	4.09	<0.5
HH21-105590		2.34	6	114	40	86	323	53	6.05	<0.5
HH21-105591		2.16	7	97	37	79	324	54	6.03	<0.5
HH21-105592		2.92	9	86	30	107	355	59	6.61	<0.5
HH21-105593		1.54	8	92	34	55	298	47	5.55	<0.5
HH21-105594		2.28	16	105	27	132	309	49	5.51	<0.5
HH21-105595		2.01	16	55	12	87	308	49	5.91	<0.5
HH21-105596		2.13	132	729	43	359	530	53	5.64	<0.5
HH21-105597		2.14	41	937	62	358	563	51	5.49	<0.5
HH21-105598		2.07	179	2770	252	1040	1115	61	4.95	0.5
HH21-105599		2.20	52	1460	100	503	632	47	4.77	<0.5
HH21-105600		2.14	142	1830	125	688	1050	61	5.06	<0.5
HH21-105601		3.03	112	1600	134	612	759	56	5.57	<0.5
HH21-105602		2.01	3	40	6	129	29	3	0.23	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227141

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
		kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-105603		2.59	<1	2	<5	2	<1	1	12.60	<0.5
HH21-105604		1.39	12	1200	61	161	383	29	3.51	1.6
HH21-105605		1.85	3	304	44	116	287	33	4.05	<0.5
HH21-105606		2.20	46	254	41	353	440	44	4.91	<0.5
HH21-105607		2.29	156	947	111	579	650	56	5.83	<0.5
HH21-105608		2.18	152	661	68	313	585	59	7.14	<0.5
HH21-105609		2.24	16	278	75	79	446	57	7.61	<0.5
HH21-105610		2.18	134	821	132	458	582	48	5.27	<0.5
HH21-105611		2.25	60	386	32	370	472	48	5.47	<0.5
HH21-105612		2.26	40	255	18	266	401	45	5.41	<0.5
HH21-105613		2.31	40	285	24	295	380	45	5.12	<0.5
HH21-105614		2.18	72	541	38	663	454	51	4.80	<0.5
HH21-105615		2.28	64	1260	123	392	382	57	5.16	<0.5
HH21-105616		2.31	42	277	37	536	702	58	5.42	<0.5
HH21-105617		0.07	1860	1640	226	8100	592	48	4.27	4.4
HH21-105618		2.20	61	1180	199	682	797	57	5.63	<0.5
HH21-105619		2.30	82	601	58	406	552	55	5.86	<0.5
HH21-105620		2.17	25	285	41	165	357	48	5.34	<0.5
HH21-105621		2.33	48	770	103	248	547	52	5.60	<0.5
HH21-105622		2.18	15	408	56	154	373	39	3.96	<0.5
HH21-105623		2.50	43	1040	114	468	782	54	4.66	<0.5
HH21-105624		1.96	34	1280	108	523	1620	87	4.93	0.9
HH21-105625		2.25	108	1450	164	2180	1160	68	5.01	1.5
HH21-105626		2.10	65	746	86	434	611	53	4.77	<0.5
HH21-105627		2.36	467	1620	198	756	1150	72	4.89	0.6
HH21-105628		2.28	28	329	39	286	389	49	4.96	<0.5
HH21-105629		2.12	22	110	28	147	295	47	5.22	<0.5
HH21-105630		0.07	104	598	305	4390	4290	114	3.90	2.1
HH21-105631		2.22	110	536	70	670	504	49	4.92	<0.5
HH21-105632		2.15	64	554	43	350	430	52	4.56	<0.5
HH21-105633		2.16	41	897	69	508	554	62	4.52	<0.5
HH21-105634		2.13	17	712	48	304	506	54	4.33	<0.5
HH21-105635		2.24	26	94	5	728	250	54	4.11	0.5
HH21-105636		2.22	5	39	5	168	204	53	4.28	<0.5
HH21-105637		2.13	6	3	<5	154	210	52	4.43	<0.5
HH21-105638		2.15	3	6	<5	105	212	54	4.56	<0.5
HH21-105639		2.23	2	10	<5	153	184	62	4.27	<0.5
HH21-105640		2.06	66	254	38	2540	1250	253	3.76	1.7



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Finalized Date: 19-SEP-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227141

	CERTIFICATE COMMENTS								
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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 Total # Pages: 3 (A)
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 Finalized Date: 20-SEP-2021
 Account: MZI

CERTIFICATE TB21227143

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21227143

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-105641		2.47	<1	1	<5	2	1	1	12.30	0.01	0.07	<0.5
HH21-105642		2.09	27	517	36	761	618	64	4.30	0.44	6.18	<0.5
HH21-105643		2.29	18	305	23	389	506	53	3.55	0.31	5.42	<0.5
HH21-105644		2.04	22	193	20	242	252	53	4.00	0.17	5.97	<0.5
HH21-105645		1.32	4	24	8	78	175	53	4.48	0.07	6.70	<0.5
HH21-105646		2.61	18	259	25	140	153	35	1.90	0.21	4.41	<0.5
HH21-105647		2.07	1	2	<5	76	44	26	1.54	0.09	3.68	<0.5
HH21-105648		2.23	<1	1	<5	29	14	17	0.91	0.07	2.87	<0.5
HH21-105649		1.98	<1	<1	<5	12	4	7	0.54	0.04	1.71	<0.5
HH21-105650		1.73	1	1	<5	49	8	15	0.91	0.12	2.54	<0.5
HH21-105651		2.00	27	1	<5	29	15	6	0.45	0.07	1.91	<0.5
HH21-105652		2.15	6	1	<5	29	4	5	0.34	0.09	1.48	<0.5
HH21-105653		2.02	<1	<1	<5	20	5	5	0.33	0.06	1.51	<0.5
HH21-105654		0.07	4710	1980	1280	89	84	64	0.25	0.02	2.25	0.6
HH21-105655		2.25	1	1	<5	40	7	7	0.59	0.08	2.25	<0.5
HH21-105656		1.40	1	12	<5	28	28	9	0.95	0.07	2.44	<0.5
HH21-105657		2.77	15	707	76	196	421	41	6.05	0.04	4.44	<0.5
HH21-105658		2.30	54	943	126	214	637	48	5.86	0.12	4.34	<0.5
HH21-105659		2.01	75	940	98	382	640	48	5.94	0.11	4.43	<0.5
HH21-105660		2.14	340	2360	329	1795	961	65	5.61	0.43	5.52	1.0
HH21-105661		2.36	106	1320	135	498	793	53	5.66	0.20	4.92	<0.5
HH21-105662		2.08	277	1560	147	667	782	53	5.82	0.23	4.96	1.0
HH21-105663		2.25	57	594	73	316	483	48	5.99	0.09	4.81	<0.5
HH21-105664		2.03	22	307	83	105	309	42	5.17	0.03	4.45	<0.5
HH21-105665		2.24	44	721	79	269	538	46	5.03	0.14	4.25	<0.5
HH21-105666		2.17	13	143	42	61	305	45	5.69	0.03	4.61	<0.5
HH21-105667		2.33	14	74	25	75	296	46	5.55	0.03	4.72	<0.5
HH21-105668		0.07	82	611	308	4440	4320	110	3.86	1.59	14.20	2.4
HH21-105669		2.43	10	105	35	69	280	43	5.14	0.02	4.38	<0.5
HH21-105670		2.35	5	58	15	64	247	39	4.91	0.03	4.28	<0.5
HH21-105671		2.24	7	46	17	72	246	38	4.61	0.03	4.20	<0.5
HH21-105672		2.11	8	56	21	103	262	42	4.91	0.04	4.39	<0.5
HH21-105673		2.35	7	69	22	68	253	37	4.37	0.02	4.25	<0.5
HH21-105674		2.13	12	57	18	137	217	39	4.29	0.06	4.65	<0.5
HH21-105675		2.05	14	90	18	122	221	42	4.38	0.05	4.77	<0.5
HH21-105676		2.00	30	780	97	202	441	56	6.09	0.10	5.70	<0.5
HH21-105677		2.14	31	170	33	232	364	53	5.87	0.08	5.70	<0.5
HH21-105678		2.05	45	481	108	282	410	47	5.32	0.09	4.72	<0.5
HH21-105679		2.11	24	354	81	232	401	50	5.51	0.08	5.24	<0.5
HH21-105680		1.75	15	302	42	198	379	48	5.29	0.16	5.21	<0.5



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227143

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5	
HH21-105681		2.19	1	4	<5	45	14	9	0.63	0.17	2.05	<0.5
HH21-105682		2.02	1	1	<5	22	11	8	0.59	0.17	1.88	<0.5
HH21-105683		1.83	12	1	<5	31	7	8	0.61	0.14	1.91	<0.5
HH21-105684		2.29	9	363	34	189	248	28	2.93	0.08	3.40	<0.5
HH21-105685		2.25	8	104	18	110	253	33	3.99	0.04	3.82	<0.5
HH21-105686		2.09	111	930	38	261	379	37	4.18	0.09	4.03	<0.5
HH21-105687		2.14	9	116	13	90	227	33	3.82	0.05	3.78	<0.5
HH21-105688		2.36	19	221	26	125	250	34	3.78	0.03	3.83	<0.5
HH21-105689		1.99	10	87	15	73	241	36	4.32	0.04	4.00	<0.5
HH21-105690		2.48	25	389	38	121	398	28	3.59	0.06	4.31	<0.5
HH21-105691		2.21	<1	2	<5	1	<1	1	11.60	0.03	0.08	<0.5
HH21-105692		1.67	17	362	42	213	375	32	4.48	0.09	4.69	<0.5
HH21-105693		2.73	1	3	<5	19	30	11	1.03	0.03	1.92	<0.5
HH21-105694		2.20	<1	2	<5	8	3	6	0.50	0.01	1.59	<0.5
HH21-105695		2.04	<1	1	<5	7	3	5	0.43	0.01	1.43	<0.5
HH21-105696		3.13	1	1	<5	67	4	6	0.50	0.06	1.56	<0.5
HH21-105697		2.19	29	903	49	233	320	25	1.50	0.45	3.11	<0.5
HH21-105698		1.28	<1	2	<5	12	9	10	0.97	0.06	3.06	<0.5
HH21-105699		2.22	3	2	<5	18	13	11	0.82	0.14	3.32	<0.5
HH21-105700		2.19	<1	1	<5	13	9	9	0.73	0.35	3.10	<0.5
HH21-105701		0.07	2050	1660	234	8350	620	49	4.56	2.01	7.38	5.0
HH21-105702		2.03	1	1	<5	19	10	8	0.64	0.05	2.15	<0.5
HH21-105703		2.20	4	1	<5	12	9	9	0.83	0.23	2.74	<0.5
HH21-105704		2.34	2	<1	<5	50	11	9	0.91	0.17	2.86	<0.5
HH21-105705		1.77	13	29	6	146	101	20	1.99	0.19	3.66	<0.5
HH21-105706		2.56	5	161	31	16	363	42	7.60	0.02	5.29	<0.5
HH21-105707		2.62	8	125	16	14	374	50	10.10	0.10	5.81	<0.5
HH21-105708		3.20	8	26	<5	200	394	83	8.92	0.44	6.95	<0.5
HH21-105709		2.08	69	617	88	402	520	62	6.95	0.13	5.34	<0.5
HH21-105710		0.07	63	592	283	4490	4360	115	4.06	1.66	14.60	1.9
HH21-105711		1.99	24	378	64	100	496	61	8.37	0.01	5.53	<0.5
HH21-105712		1.94	38	1060	167	194	604	65	8.42	0.03	5.57	<0.5
HH21-105713		1.95	48	772	93	172	543	53	7.16	0.04	5.08	<0.5
HH21-105714		2.08	83	733	75	187	553	56	7.23	0.03	4.66	<0.5
HH21-105715		2.75	50	836	131	120	559	79	10.85	0.11	7.39	<0.5
HH21-105716		2.16	29	548	89	71	551	80	11.15	0.04	7.56	<0.5
HH21-105717		2.26	10	74	29	51	551	81	11.15	0.02	7.60	<0.5
HH21-105718		2.39	13	86	35	67	557	83	11.50	0.03	7.76	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
Total # Appendix Pages: 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227143

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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 Total # Pages: 3 (A)
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 Finalized Date: 22-SEP-2021
 Account: MZI

CERTIFICATE TB21227145

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21227145

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5	
HH21-105719		1.45	<1	1	<5	1	<1	<1	12.55	<0.01	0.06	<0.5
HH21-105720		2.92	13	128	46	62	536	81	10.80	0.02	7.60	<0.5
HH21-105721		2.75	15	144	41	60	541	82	11.00	0.03	7.60	<0.5
HH21-105722		2.42	11	74	27	57	515	78	10.55	0.01	7.18	<0.5
HH21-105723		2.65	13	98	32	63	521	79	10.75	0.02	7.44	<0.5
HH21-105724		2.62	14	94	32	68	530	81	10.90	0.02	7.57	<0.5
HH21-105725		2.36	10	170	44	46	541	83	11.00	0.02	7.63	<0.5
HH21-105726		2.57	5	117	34	39	523	81	10.75	0.01	7.50	<0.5
HH21-105727		2.36	3	267	58	28	501	76	10.15	0.01	7.14	<0.5
HH21-105728		0.07	4750	1980	1290	87	83	62	0.27	0.01	2.30	0.7
HH21-105729		2.35	6	98	32	38	437	70	8.97	0.02	6.89	<0.5
HH21-105730		2.64	80	861	176	159	696	89	10.40	0.12	8.19	<0.5
HH21-105731		2.46	7	77	27	51	511	81	10.60	0.02	7.80	<0.5
HH21-105732		2.49	9	92	34	61	519	84	10.65	0.02	8.08	<0.5
HH21-105733		2.60	10	85	28	73	517	82	10.55	0.03	7.96	<0.5
HH21-105734		2.91	13	156	60	92	576	85	10.45	0.06	8.01	<0.5
HH21-105735		2.60	38	460	104	126	585	86	10.65	0.06	8.14	<0.5
HH21-105736		2.51	13	110	35	59	520	84	10.55	0.03	8.16	<0.5
HH21-105737		2.49	10	133	36	63	510	82	10.40	0.03	8.13	<0.5
HH21-105738		2.41	12	347	57	71	568	90	10.80	0.04	8.37	<0.5
HH21-105739		2.40	9	274	62	42	521	83	10.55	0.02	8.02	<0.5
HH21-105740		2.24	7	225	46	40	496	79	9.62	0.03	7.71	<0.5
HH21-105741		2.63	8	107	34	46	469	78	9.80	0.01	7.63	<0.5
HH21-105742		0.07	72	604	291	4450	4220	114	3.85	1.52	14.15	2.1
HH21-105743		2.50	3	50	14	27	170	29	3.41	0.01	3.22	<0.5
HH21-105744		3.34	13	243	54	58	504	86	10.40	0.03	8.32	<0.5
HH21-105745		2.07	23	470	78	103	541	92	11.00	0.04	8.86	<0.5
HH21-105746		2.69	63	429	82	165	641	98	11.95	0.07	9.54	<0.5
HH21-105747		2.62	23	207	46	91	568	89	11.50	0.04	8.50	<0.5
HH21-105748		2.41	25	363	59	76	558	82	11.30	0.02	8.09	<0.5
HH21-105749		2.38	7	90	29	29	431	65	8.85	0.01	6.17	<0.5
HH21-105750		2.42	8	70	29	33	505	76	10.55	0.01	7.40	<0.5
HH21-105751		2.88	14	116	38	60	546	82	11.20	0.04	8.01	<0.5
HH21-105752		2.50	16	98	36	48	556	88	11.35	0.04	8.65	<0.5
HH21-105753		2.74	15	96	33	48	557	84	11.25	0.04	8.47	<0.5
HH21-105754		2.54	15	124	38	46	550	84	11.25	0.03	8.33	<0.5
HH21-105755		2.85	15	101	37	65	561	84	11.30	0.04	8.35	<0.5
HH21-105756		2.67	19	149	38	87	590	85	11.55	0.04	8.13	<0.5
HH21-105757		2.47	22	182	42	101	604	88	11.80	0.05	8.32	<0.5
HH21-105758		2.72	32	567	97	132	676	96	12.70	0.05	9.07	<0.5



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 Finalized Date: 22-SEP-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227145

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-105759		2.54	22	256	54	92	580	87	11.50	0.04	8.19	<0.5
HH21-105760		2.58	24	222	49	100	611	87	11.60	0.04	8.09	<0.5
HH21-105761		2.47	32	426	93	119	595	82	10.75	0.04	7.53	<0.5
HH21-105762		2.80	31	226	52	160	661	88	11.65	0.06	8.04	<0.5
HH21-105763		2.77	48	330	67	262	699	89	11.50	0.12	8.03	<0.5
HH21-105764		2.72	41	280	65	265	566	67	8.92	0.11	6.38	<0.5
HH21-105765		1.45	<1	1	<5	2	2	1	12.95	<0.01	0.08	<0.5
HH21-105766		2.62	76	668	125	479	869	95	11.45	0.20	8.30	<0.5
HH21-105767		2.49	64	505	95	367	776	93	11.75	0.14	8.37	<0.5
HH21-105768		2.67	147	1280	216	905	1240	110	11.95	0.41	9.00	<0.5
HH21-105769		2.46	68	840	133	314	708	86	11.15	0.12	7.92	<0.5
HH21-105770		2.44	18	221	43	84	536	79	10.70	0.04	7.47	<0.5
HH21-105771		2.56	22	226	48	102	603	86	11.50	0.04	8.05	<0.5
HH21-105772		2.71	15	86	32	69	567	83	11.45	0.03	7.97	<0.5
HH21-105773		2.06	12	127	36	55	571	84	11.45	0.02	7.92	<0.5
HH21-105774		2.33	10	97	36	53	567	82	11.45	0.02	7.94	<0.5
HH21-105775		0.07	1880	1670	244	8820	654	51	4.60	2.10	7.54	5.0
HH21-105776		2.47	13	74	33	71	551	82	11.40	0.04	7.83	<0.5
HH21-105777		2.46	29	236	54	139	629	86	11.40	0.06	7.97	<0.5
HH21-105778		2.62	19	329	75	51	563	82	11.15	0.02	7.89	<0.5
HH21-105779		2.31	5	101	37	19	551	78	11.00	0.01	8.01	<0.5
HH21-105780		2.55	24	78	32	110	536	81	11.10	0.05	7.57	<0.5
HH21-105781		2.50	12	125	38	48	554	82	11.25	0.02	7.93	<0.5
HH21-105782		2.87	34	560	89	98	615	82	11.10	0.03	7.75	<0.5
HH21-105783		1.88	58	1700	230	145	737	82	10.55	0.07	7.54	<0.5
HH21-105784		2.72	15	100	32	57	549	81	11.15	0.02	7.76	<0.5
HH21-105785		2.65	28	239	48	71	579	85	11.65	0.03	8.08	<0.5
HH21-105786		2.85	16	97	36	60	572	85	11.60	0.03	8.05	<0.5
HH21-105787		2.48	21	288	49	64	578	85	11.50	0.02	8.07	<0.5
HH21-105788		2.34	15	206	42	54	548	82	11.10	0.02	7.73	<0.5
HH21-105789		2.54	16	185	36	55	519	77	10.70	0.02	7.34	<0.5
HH21-105790		0.07	96	623	303	4540	4390	114	3.94	1.64	14.45	2.0
HH21-105791		2.41	12	173	43	60	543	79	11.00	0.02	7.64	<0.5
HH21-105792		2.47	18	221	52	78	549	81	11.15	0.05	7.69	<0.5
HH21-105793		2.37	17	256	47	71	571	83	11.40	0.02	7.81	<0.5
HH21-105794		2.49	13	137	37	56	532	78	10.80	0.02	7.44	<0.5
HH21-105795		2.38	11	86	35	64	492	74	10.10	0.03	7.28	<0.5
HH21-105796		2.70	16	286	50	52	528	79	10.55	0.02	7.51	<0.5



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Page: Appendix 1
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Finalized Date: 22-SEP-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227145

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Finalized Date: 21-SEP-2021
 Account: MZI

CERTIFICATE TB21227146

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21227146

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-105797		1.49	<1	1	<5	4	10	1	12.60	0.01	0.12	<0.5
HH21-105798		2.49	14	71	28	57	513	80	10.55	0.02	7.34	<0.5
HH21-105799		2.65	43	1200	167	84	576	82	10.80	0.04	7.43	<0.5
HH21-105800		2.54	21	326	64	67	553	84	11.00	0.03	7.59	<0.5
HH21-105801		2.65	13	138	40	45	538	82	10.90	0.01	7.53	<0.5
HH21-105802		2.56	41	845	129	63	571	82	10.95	0.03	7.51	<0.5
HH21-105803		2.41	11	108	28	44	435	67	8.86	0.01	6.22	<0.5
HH21-105804		2.39	15	341	78	24	552	83	11.00	0.01	7.59	<0.5
HH21-105805		0.07	4660	1960	1260	90	87	66	0.26	0.02	2.29	0.8
HH21-105806		2.49	16	780	75	37	365	53	6.65	0.02	4.58	<0.5
HH21-105807		2.60	21	180	41	66	533	81	10.80	0.03	7.36	<0.5
HH21-105808		2.74	18	222	42	41	541	81	10.80	0.01	7.59	<0.5
HH21-105809		2.58	27	359	63	72	546	81	10.85	0.03	7.36	<0.5
HH21-105810		2.50	26	519	84	47	578	84	11.20	0.02	7.52	<0.5
HH21-105811		2.46	35	466	62	85	572	85	11.20	0.02	7.70	<0.5
HH21-105812		2.51	44	716	108	84	587	85	11.30	0.03	7.73	<0.5
HH21-105813		3.12	19	378	66	49	553	82	10.95	0.02	7.49	<0.5
HH21-105814		2.33	18	746	114	56	557	78	10.40	0.05	7.25	<0.5
HH21-105815		2.60	23	902	123	145	578	77	10.20	0.11	7.83	<0.5
HH21-105816		2.38	30	1050	132	164	622	88	10.80	0.17	8.48	<0.5
HH21-105817		2.64	41	497	75	127	571	85	10.75	0.08	8.31	<0.5
HH21-105818		2.67	74	738	105	124	588	83	10.55	0.07	8.02	<0.5
HH21-105819		2.72	64	759	111	124	606	86	11.00	0.06	8.25	<0.5
HH21-105820		2.59	72	987	143	147	620	87	11.05	0.06	8.44	<0.5
HH21-105821		2.21	112	1500	195	236	691	91	11.10	0.11	8.35	<0.5
HH21-105822		2.57	61	1160	143	119	637	88	11.45	0.05	7.93	<0.5
HH21-105823		2.58	62	1160	162	138	606	83	10.90	0.05	7.64	<0.5
HH21-105824		2.74	43	440	63	124	579	82	11.00	0.03	7.68	<0.5
HH21-105825		2.60	46	394	68	115	564	78	10.65	0.03	7.38	<0.5
HH21-105826		0.07	80	615	319	4720	4490	120	4.05	1.71	14.75	2.1
HH21-105827		2.54	70	776	111	140	620	84	11.25	0.05	7.71	<0.5
HH21-105828		2.44	129	1760	218	248	727	87	11.45	0.08	7.86	<0.5
HH21-105829		2.72	54	324	66	125	603	82	11.25	0.03	7.59	<0.5
HH21-105830		2.49	62	747	126	146	637	84	11.20	0.07	7.68	<0.5
HH21-105831		2.57	107	1220	168	219	662	83	10.80	0.06	7.39	<0.5
HH21-105832		2.34	218	3730	448	433	904	92	11.00	0.14	7.58	<0.5
HH21-105833		1.76	164	2430	320	365	744	80	9.78	0.19	7.00	0.5
HH21-105834		3.65	57	921	143	162	481	57	7.34	0.04	5.20	<0.5
HH21-105835		2.58	17	241	49	67	559	80	10.30	0.01	7.23	<0.5
HH21-105836		2.72	52	754	123	164	480	57	7.37	0.04	5.28	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB21227146

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-105837		2.67	31	813	107	81	465	58	7.73	0.02	5.40	<0.5
HH21-105838		2.95	42	1080	132	116	515	67	8.52	0.03	6.16	<0.5
HH21-105839		2.37	<1	1	<5	1	3	1	12.60	0.01	0.07	<0.5
HH21-105840		2.57	16	358	66	62	393	54	7.49	0.01	5.20	<0.5
HH21-105841		3.02	10	175	43	44	522	76	10.65	0.01	6.98	<0.5
HH21-105842		2.82	13	213	49	66	516	78	9.95	0.02	7.08	<0.5
HH21-105843		2.65	14	231	51	84	513	76	9.62	0.02	6.97	<0.5
HH21-105844		2.85	18	188	45	109	529	82	10.25	0.02	7.33	<0.5
HH21-105845		2.69	14	141	38	97	483	75	9.41	0.02	6.87	<0.5
HH21-105846		2.35	11	179	39	73	436	66	8.50	0.02	6.19	<0.5
HH21-105847		2.66	25	400	63	117	383	56	6.65	0.03	5.14	<0.5
HH21-105848		0.07	1880	1660	213	8580	631	51	4.46	2.05	7.20	4.9
HH21-105849		2.91	114	2300	262	312	622	79	9.25	0.09	6.99	<0.5
HH21-105850		3.09	17	176	42	102	480	77	9.41	0.03	7.43	<0.5
HH21-105851		2.38	23	413	60	99	459	67	8.41	0.03	6.14	<0.5
HH21-105852		2.82	53	545	87	166	606	81	10.30	0.03	7.15	<0.5
HH21-105853		2.56	57	637	114	184	612	78	10.05	0.03	6.97	<0.5
HH21-105854		2.51	67	1060	145	182	666	76	9.58	0.03	6.75	<0.5
HH21-105855		2.50	51	806	104	131	632	77	9.97	0.02	6.83	<0.5
HH21-105856		2.73	42	924	79	136	296	54	6.07	0.12	6.05	<0.5
HH21-105857		2.73	18	568	85	103	572	81	10.15	0.07	7.18	<0.5
HH21-105858		2.61	11	125	34	80	524	78	10.05	0.05	7.06	<0.5
HH21-105859		3.03	71	1340	179	472	741	86	8.05	0.24	7.87	<0.5
HH21-105860		2.68	13	210	40	90	511	76	9.66	0.03	6.88	<0.5
HH21-105861		2.62	21	364	55	87	495	74	9.42	0.04	6.64	<0.5
HH21-105862		2.69	14	447	67	53	442	64	8.35	0.01	5.98	<0.5
HH21-105863		2.70	12	177	38	63	394	56	7.24	0.01	5.25	<0.5
HH21-105864		0.07	84	629	305	4500	4270	114	3.86	1.68	14.00	1.9
HH21-105865		2.12	7	129	23	40	278	42	5.24	0.01	4.05	<0.5
HH21-105866		3.45	16	163	35	93	507	77	9.71	0.02	7.04	<0.5
HH21-105867		2.13	29	423	60	131	546	76	9.53	0.02	7.11	<0.5
HH21-105868		2.68	17	346	50	91	541	80	10.20	0.02	7.48	<0.5
HH21-105869		2.82	13	232	48	104	527	79	10.10	0.02	7.34	<0.5
HH21-105870		2.63	9	185	48	110	536	81	10.20	0.01	7.39	<0.5
HH21-105871		2.77	7	150	50	88	540	80	10.50	0.01	7.49	<0.5
HH21-105872		2.85	10	140	36	155	547	82	10.25	0.02	7.48	<0.5
HH21-105873		2.36	16	356	59	158	574	81	10.20	0.02	7.35	<0.5
HH21-105874		2.78	27	455	81	113	572	77	9.71	0.02	7.28	<0.5



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556 TENTH AVE
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CERTIFICATE OF ANALYSIS TB21227146

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21227146

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-105797		1.49	<1	1	<5	4	10	1	12.60	0.01	0.12	<0.5
HH21-105798		2.49	14	71	28	57	513	80	10.55	0.02	7.34	<0.5
HH21-105799		2.65	43	1200	167	84	576	82	10.80	0.04	7.43	<0.5
HH21-105800		2.54	21	326	64	67	553	84	11.00	0.03	7.59	<0.5
HH21-105801		2.65	13	138	40	45	538	82	10.90	0.01	7.53	<0.5
HH21-105802		2.56	41	845	129	63	571	82	10.95	0.03	7.51	<0.5
HH21-105803		2.41	11	108	28	44	435	67	8.86	0.01	6.22	<0.5
HH21-105804		2.39	15	341	78	24	552	83	11.00	0.01	7.59	<0.5
HH21-105805		0.07	4660	1960	1260	90	87	66	0.26	0.02	2.29	0.8
HH21-105806		2.49	16	780	75	37	365	53	6.65	0.02	4.58	<0.5
HH21-105807		2.60	21	180	41	66	533	81	10.80	0.03	7.36	<0.5
HH21-105808		2.74	18	222	42	41	541	81	10.80	0.01	7.59	<0.5
HH21-105809		2.58	27	359	63	72	546	81	10.85	0.03	7.36	<0.5
HH21-105810		2.50	26	519	84	47	578	84	11.20	0.02	7.52	<0.5
HH21-105811		2.46	35	466	62	85	572	85	11.20	0.02	7.70	<0.5
HH21-105812		2.51	44	716	108	84	587	85	11.30	0.03	7.73	<0.5
HH21-105813		3.12	19	378	66	49	553	82	10.95	0.02	7.49	<0.5
HH21-105814		2.33	18	746	114	56	557	78	10.40	0.05	7.25	<0.5
HH21-105815		2.60	23	902	123	145	578	77	10.20	0.11	7.83	<0.5
HH21-105816		2.38	30	1050	132	164	622	88	10.80	0.17	8.48	<0.5
HH21-105817		2.64	41	497	75	127	571	85	10.75	0.08	8.31	<0.5
HH21-105818		2.67	74	738	105	124	588	83	10.55	0.07	8.02	<0.5
HH21-105819		2.72	64	759	111	124	606	86	11.00	0.06	8.25	<0.5
HH21-105820		2.59	72	987	143	147	620	87	11.05	0.06	8.44	<0.5
HH21-105821		2.21	112	1500	195	236	691	91	11.10	0.11	8.35	<0.5
HH21-105822		2.57	61	1160	143	119	637	88	11.45	0.05	7.93	<0.5
HH21-105823		2.58	62	1160	162	138	606	83	10.90	0.05	7.64	<0.5
HH21-105824		2.74	43	440	63	124	579	82	11.00	0.03	7.68	<0.5
HH21-105825		2.60	46	394	68	115	564	78	10.65	0.03	7.38	<0.5
HH21-105826		0.07	80	615	319	4720	4490	120	4.05	1.71	14.75	2.1
HH21-105827		2.54	70	776	111	140	620	84	11.25	0.05	7.71	<0.5
HH21-105828		2.44	129	1760	218	248	727	87	11.45	0.08	7.86	<0.5
HH21-105829		2.72	54	324	66	125	603	82	11.25	0.03	7.59	<0.5
HH21-105830		2.49	62	747	126	146	637	84	11.20	0.07	7.68	<0.5
HH21-105831		2.57	107	1220	168	219	662	83	10.80	0.06	7.39	<0.5
HH21-105832		2.34	218	3730	448	433	904	92	11.00	0.14	7.58	<0.5
HH21-105833		1.76	164	2430	320	365	744	80	9.78	0.19	7.00	0.5
HH21-105834		3.65	57	921	143	162	481	57	7.34	0.04	5.20	<0.5
HH21-105835		2.58	17	241	49	67	559	80	10.30	0.01	7.23	<0.5
HH21-105836		2.72	52	754	123	164	480	57	7.37	0.04	5.28	<0.5



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-105837		2.67	31	813	107	81	465	58	7.73	0.02	5.40	<0.5
HH21-105838		2.95	42	1080	132	116	515	67	8.52	0.03	6.16	<0.5
HH21-105839		2.37	<1	1	<5	1	3	1	12.60	0.01	0.07	<0.5
HH21-105840		2.57	16	358	66	62	393	54	7.49	0.01	5.20	<0.5
HH21-105841		3.02	10	175	43	44	522	76	10.65	0.01	6.98	<0.5
HH21-105842		2.82	13	213	49	66	516	78	9.95	0.02	7.08	<0.5
HH21-105843		2.65	14	231	51	84	513	76	9.62	0.02	6.97	<0.5
HH21-105844		2.85	18	188	45	109	529	82	10.25	0.02	7.33	<0.5
HH21-105845		2.69	14	141	38	97	483	75	9.41	0.02	6.87	<0.5
HH21-105846		2.35	11	179	39	73	436	66	8.50	0.02	6.19	<0.5
HH21-105847		2.66	25	400	63	117	383	56	6.65	0.03	5.14	<0.5
HH21-105848		0.07	1880	1660	213	8580	631	51	4.46	2.05	7.20	4.9
HH21-105849		2.91	114	2300	262	312	622	79	9.25	0.09	6.99	<0.5
HH21-105850		3.09	17	176	42	102	480	77	9.41	0.03	7.43	<0.5
HH21-105851		2.38	23	413	60	99	459	67	8.41	0.03	6.14	<0.5
HH21-105852		2.82	53	545	87	166	606	81	10.30	0.03	7.15	<0.5
HH21-105853		2.56	57	637	114	184	612	78	10.05	0.03	6.97	<0.5
HH21-105854		2.51	67	1060	145	182	666	76	9.58	0.03	6.75	<0.5
HH21-105855		2.50	51	806	104	131	632	77	9.97	0.02	6.83	<0.5
HH21-105856		2.73	42	924	79	136	296	54	6.07	0.12	6.05	<0.5
HH21-105857		2.73	18	568	85	103	572	81	10.15	0.07	7.18	<0.5
HH21-105858		2.61	11	125	34	80	524	78	10.05	0.05	7.06	<0.5
HH21-105859		3.03	71	1340	179	472	741	86	8.05	0.24	7.87	<0.5
HH21-105860		2.68	13	210	40	90	511	76	9.66	0.03	6.88	<0.5
HH21-105861		2.62	21	364	55	87	495	74	9.42	0.04	6.64	<0.5
HH21-105862		2.69	14	447	67	53	442	64	8.35	0.01	5.98	<0.5
HH21-105863		2.70	12	177	38	63	394	56	7.24	0.01	5.25	<0.5
HH21-105864		0.07	84	629	305	4500	4270	114	3.86	1.68	14.00	1.9
HH21-105865		2.12	7	129	23	40	278	42	5.24	0.01	4.05	<0.5
HH21-105866		3.45	16	163	35	93	507	77	9.71	0.02	7.04	<0.5
HH21-105867		2.13	29	423	60	131	546	76	9.53	0.02	7.11	<0.5
HH21-105868		2.68	17	346	50	91	541	80	10.20	0.02	7.48	<0.5
HH21-105869		2.82	13	232	48	104	527	79	10.10	0.02	7.34	<0.5
HH21-105870		2.63	9	185	48	110	536	81	10.20	0.01	7.39	<0.5
HH21-105871		2.77	7	150	50	88	540	80	10.50	0.01	7.49	<0.5
HH21-105872		2.85	10	140	36	155	547	82	10.25	0.02	7.48	<0.5
HH21-105873		2.36	16	356	59	158	574	81	10.20	0.02	7.35	<0.5
HH21-105874		2.78	27	455	81	113	572	77	9.71	0.02	7.28	<0.5



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: 1
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 22-SEP-2021
Account: MZI

CERTIFICATE TB21227150

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21227150

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
HH21-105953		1.26	<1	<1	<5				2	1	1	12.70	0.12	0.11	<0.5
HH21-105954		3.83	772	7400	826				1490	1950	81	7.86	0.42	6.39	1.2
HH21-105955		2.49	792	6420	752				2240	1950	86	7.52	0.57	5.90	1.4
HH21-105956		2.38	1360	>10000	1500	1470	11950	1410	2630	3360	103	7.96	0.77	6.43	1.1
HH21-105957		2.67	715	8640	1070				1650	2320	85	8.15	0.46	5.82	0.8
HH21-105958		2.63	1650	>10000	1760	1520	14800	1800	3080	3640	119	10.20	0.85	8.02	1.5
HH21-105959		2.47	839	9820	1110				1880	2700	115	11.00	0.56	8.11	0.9
HH21-105960		2.67	833	7740	891				1520	1930	88	9.24	0.43	6.27	1.0
HH21-105961		2.64	1090	9730	1220				2100	2650	102	9.17	0.59	7.25	1.1
HH21-105962		2.59	1790	>10000	1860	1710	15550	1840	3340	3810	125	9.26	1.03	8.07	1.5
HH21-105963		2.78	32	147	20				462	211	59	6.10	0.21	5.11	<0.5
HH21-105964		2.48	40	27	7				236	336	61	7.58	0.07	6.09	<0.5
HH21-105965		2.29	236	1920	224				647	813	68	7.18	0.18	5.94	<0.5
HH21-105966		2.35	266	2080	254				564	1040	87	10.20	0.19	8.16	<0.5
HH21-105967		3.26	664	5980	729				1390	1790	96	9.55	0.42	7.61	0.7
HH21-105968		0.07	5030	1980	1280				93	89	64	0.27	0.02	2.36	0.9
HH21-105969		4.43	184	2050	251				468	1090	87	10.15	0.15	7.13	<0.5
HH21-105970		2.70	46	417	53				173	506	62	8.42	0.05	5.93	<0.5
HH21-105971		2.86	237	2020	269				609	922	70	8.39	0.16	6.11	<0.5
HH21-105972		2.48	10	8	<5				116	460	78	10.55	0.04	7.71	<0.5
HH21-105973		3.16	187	1740	225				782	987	86	10.10	0.25	7.31	<0.5
HH21-105974		2.45	121	963	119				708	943	87	10.40	0.20	7.49	<0.5
HH21-105975		1.73	63	342	50				193	559	64	8.71	0.07	6.31	<0.5
HH21-105976		1.13	97	1390	174				271	784	81	10.75	0.12	7.39	<0.5
HH21-105977		2.85	180	1280	194				466	992	88	10.10	0.27	7.22	<0.5
HH21-105978		3.44	307	2300	284				1080	1080	77	6.55	0.64	5.63	0.8
HH21-105979		3.78	616	4530	590				1980	2180	109	9.33	0.67	7.87	1.0
HH21-105980		0.07	82	603	298				4570	4460	119	3.92	1.68	14.30	2.1
HH21-105981		3.45	507	4070	525				1610	1895	108	9.65	0.56	8.37	0.8
HH21-105982		2.48	422	2980	405				1300	1610	91	8.30	0.45	7.35	0.7
HH21-105983		2.91	376	2960	395				1470	1615	104	9.27	0.56	7.90	0.8
HH21-105984		2.63	437	3640	502				1650	1940	100	9.00	0.59	7.24	0.8
HH21-105985		2.59	737	6550	841				2240	2890	119	9.33	0.86	7.95	0.8
HH21-105986		2.75	233	1920	254				797	1095	79	9.01	0.22	6.54	<0.5
HH21-105987		2.47	45	383	50				213	510	68	8.52	0.06	5.73	<0.5
HH21-105988		3.12	37	332	40				194	579	76	9.40	0.07	7.09	<0.5
HH21-105989		2.77	173	1620	209				957	912	75	8.39	0.33	6.46	0.5
HH21-105990		2.85	75	374	51				529	283	62	7.85	0.22	6.74	<0.5
HH21-105991		2.54	144	956	114				626	570	66	7.88	0.26	6.49	<0.5
HH21-105992		1.05	2	2	<5				2	2	<1	13.40	<0.01	0.06	<0.5

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



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To: IMPALA CANADA LTD.
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 556 TENTH AVE
 THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227150

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-105993		2.59	398	3110	392				1190	1500	87	8.90	0.35	6.85	0.8
HH21-105994		2.78	370	3330	437				1290	1505	87	8.13	0.71	7.51	0.7
HH21-105995		2.48	402	2900	379				1260	1540	99	10.35	0.37	8.09	0.6
HH21-105996		2.66	406	3250	464				1300	1655	104	9.98	0.45	8.74	0.6
HH21-105997		2.51	498	4150	593				1420	1775	103	9.75	0.42	8.65	0.7
HH21-105998		2.77	547	4490	598				1820	1805	91	8.51	0.47	7.41	0.8
HH21-105999		2.52	794	6910	848				1390	1630	89	8.72	0.41	7.39	0.5
HH21-106000		2.63	668	4800	602				2250	2030	102	9.13	0.55	8.08	1.0
HH21-106001		2.39	231	1780	260				873	1130	72	8.08	0.19	6.34	<0.5
HH21-106002		2.50	41	516	81				189	767	67	8.57	0.05	6.42	<0.5
HH21-106003		2.58	134	1360	190				817	1025	84	9.30	0.21	7.45	0.5
HH21-106004		2.51	28	289	45				139	551	64	8.29	0.03	6.68	<0.5
HH21-106005		2.49	49	424	57				208	633	69	8.55	0.04	6.69	<0.5
HH21-106006		2.94	95	564	73				328	701	71	8.71	0.07	6.98	<0.5
HH21-106007		2.97	208	1400	186				586	1010	87	9.62	0.12	7.86	<0.5
HH21-106008		2.43	185	1900	252				556	833	64	7.15	0.14	5.84	<0.5
HH21-106009		1.73	424	3710	474				1110	1430	99	10.35	0.26	7.94	0.7
HH21-106010		3.25	9	617	88				32	411	35	4.57	0.01	3.35	<0.5
HH21-106011		2.33	21	452	63				107	406	38	4.88	0.03	3.59	<0.5
HH21-106012		2.41	61	915	131				412	524	44	5.06	0.10	3.80	<0.5
HH21-106013		0.07	1820	1660	223				8990	661	52	4.62	2.14	7.56	6.1
HH21-106014		1.32	78	2640	300				201	505	50	6.41	0.05	4.49	<0.5
HH21-106015		3.74	27	130	24				105	544	75	9.66	0.04	6.93	<0.5
HH21-106016		2.48	25	104	25				105	535	77	9.73	0.04	7.08	<0.5
HH21-106017		2.59	170	1330	180				519	856	81	9.42	0.15	7.03	<0.5
HH21-106018		2.32	98	692	96				321	713	79	9.56	0.09	7.03	<0.5
HH21-106019		2.28	35	416	53				134	389	43	5.21	0.04	4.11	<0.5
HH21-106020		2.48	203	1520	207				546	829	76	8.89	0.16	6.68	<0.5
HH21-106021		2.33	300	2970	375				762	1075	90	9.80	0.26	8.19	0.5
HH21-106022		2.49	68	846	104				210	571	68	8.73	0.06	6.67	<0.5
HH21-106023		2.55	71	1500	191				262	751	63	7.56	0.08	5.84	<0.5
HH21-106024		2.51	178	1980	252				739	891	59	6.61	0.20	5.43	0.7
HH21-106025		2.49	52	661	86				209	511	56	6.91	0.06	5.08	<0.5
HH21-106026		2.43	51	1170	187				325	702	62	7.37	0.11	5.50	<0.5
HH21-106027		2.25	139	1380	198				454	694	49	5.46	0.14	4.22	<0.5
HH21-106028		2.67	77	1520	199				302	739	63	7.48	0.11	5.16	<0.5
HH21-106029		0.07	54	604	310				4720	4530	121	4.05	1.63	14.85	2.0
HH21-106030		2.25	180	2660	318				589	802	65	7.75	0.15	5.78	<0.5



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Page: Appendix 1
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Finalized Date: 22-SEP-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227150

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	PGM-ICP27



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CERTIFICATE TB21227151

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21227151

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5	
HH21-106031		1.54	1	3	<5	4	<1	<1	11.70	<0.01	0.12	<0.5
HH21-106032		2.64	23	408	29	111	383	49	6.02	0.02	4.67	<0.5
HH21-106033		2.43	64	826	88	199	536	47	5.49	0.05	4.26	<0.5
HH21-106034		2.26	39	504	63	97	375	40	4.92	0.02	3.74	<0.5
HH21-106035		2.36	138	1780	279	476	726	54	5.87	0.11	4.79	<0.5
HH21-106036		2.39	40	767	98	193	464	40	4.65	0.06	3.75	<0.5
HH21-106037		2.34	208	2850	356	843	894	50	4.94	0.24	4.25	<0.5
HH21-106038		2.37	161	3060	387	532	926	53	5.09	0.15	4.34	<0.5
HH21-106039		2.47	571	5220	645	1565	1990	93	8.42	0.48	7.24	0.6
HH21-106040		2.58	167	2260	273	575	955	64	7.06	0.15	5.65	<0.5
HH21-106041		2.46	92	1110	87	282	533	53	6.09	0.07	4.75	<0.5
HH21-106042		2.37	53	619	61	169	440	50	6.08	0.03	4.51	<0.5
HH21-106043		2.34	62	826	83	156	437	49	6.03	0.03	4.47	<0.5
HH21-106044		2.05	121	1380	171	395	667	55	6.17	0.10	4.83	<0.5
HH21-106045		2.08	24	658	77	192	414	41	5.26	0.10	4.22	<0.5
HH21-106046		2.07	46	1020	120	447	556	53	6.36	0.12	4.75	<0.5
HH21-106047		0.07	4150	1920	1240	88	84	64	0.27	0.01	2.29	0.5
HH21-106048		1.93	26	315	51	115	458	57	7.66	0.02	4.93	<0.5
HH21-106049		2.11	53	676	77	176	525	57	7.50	0.05	4.84	<0.5
HH21-106050		2.16	184	2250	264	559	771	63	7.45	0.15	5.15	<0.5
HH21-106051		2.25	138	1340	159	533	720	54	6.32	0.16	4.47	<0.5
HH21-106052		2.06	169	1740	255	619	676	53	5.59	0.15	4.34	<0.5
HH21-106053		2.05	180	1680	201	396	674	49	5.72	0.11	4.24	<0.5
HH21-106054		2.17	80	662	106	270	382	35	4.24	0.06	3.28	<0.5
HH21-106055		2.17	261	2770	368	835	1030	72	7.73	0.25	5.42	<0.5
HH21-106056		2.14	52	691	95	186	591	55	6.78	0.05	4.62	<0.5
HH21-106057		2.19	134	1660	215	473	723	59	6.88	0.14	4.59	<0.5
HH21-106058		2.21	102	1020	203	389	671	55	6.88	0.10	4.86	<0.5
HH21-106059		2.26	212	2050	265	870	1060	68	7.62	0.35	5.76	<0.5
HH21-106060		2.22	168	2020	251	718	994	70	8.54	0.32	6.09	<0.5
HH21-106061		2.27	267	3030	376	1060	1285	75	7.74	0.32	5.76	0.7
HH21-106062		2.73	51	1720	263	152	676	53	6.16	0.04	4.60	<0.5
HH21-106063		1.52	123	1090	143	388	753	84	10.45	0.09	7.21	<0.5
HH21-106064		2.16	132	1140	148	355	781	81	9.98	0.09	7.08	<0.5
HH21-106065		2.22	522	4710	544	1350	1530	85	8.50	0.39	6.54	0.7
HH21-106066		2.26	379	4040	462	1370	1410	82	7.39	0.39	6.04	0.7
HH21-106067		0.07	64	592	302	4500	4300	114	3.87	1.61	14.15	2.1
HH21-106068		2.22	315	3030	363	778	920	71	7.99	0.19	6.03	<0.5
HH21-106069		2.19	139	1340	177	392	673	66	7.57	0.10	5.62	<0.5
HH21-106070		2.21	64	846	108	216	549	67	8.10	0.06	5.94	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21227151

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106071		2.05	77	897	114	281	608	65	7.39	0.06	5.70	<0.5
HH21-106072		2.37	51	660	92	215	587	69	8.09	0.05	6.23	<0.5
HH21-106073		2.22	207	1620	230	571	821	71	7.95	0.18	6.08	<0.5
HH21-106074		2.20	100	981	131	331	679	74	8.71	0.12	6.93	<0.5
HH21-106075		2.17	111	1000	142	357	704	77	9.01	0.09	6.67	<0.5
HH21-106076		2.30	119	931	114	404	731	76	8.73	0.11	6.76	<0.5
HH21-106077		2.08	1	2	<5	2	1	1	13.20	0.01	0.08	<0.5
HH21-106078		2.19	81	1090	128	240	610	63	7.78	0.04	5.71	<0.5
HH21-106079		2.21	236	2280	334	593	842	69	7.93	0.12	6.02	0.7
HH21-106080		2.20	257	2400	318	746	988	73	8.22	0.20	6.26	<0.5
HH21-106081		2.02	122	1200	139	350	650	69	8.53	0.10	6.21	<0.5
HH21-106082		2.26	33	294	49	121	490	68	8.31	0.03	6.05	<0.5
HH21-106083		2.10	42	311	49	161	505	68	8.26	0.03	6.22	<0.5
HH21-106084		2.15	106	940	119	384	677	70	8.10	0.11	6.15	<0.5
HH21-106085		0.07	1780	1640	214	8850	651	52	4.60	2.06	7.49	4.6
HH21-106086		2.25	107	990	154	340	678	68	8.10	0.09	6.08	<0.5
HH21-106087		2.19	122	1920	241	416	837	66	6.92	0.13	5.73	<0.5
HH21-106088		2.18	88	1490	204	287	768	67	7.74	0.09	6.08	<0.5
HH21-106089		2.17	265	2810	389	889	1230	84	8.74	0.28	6.91	0.5
HH21-106090		2.13	70	1780	237	229	956	76	9.93	0.10	7.66	<0.5
HH21-106091		1.90	74	1180	168	272	514	44	4.97	0.07	4.32	<0.5
HH21-106092		1.05	125	848	111	448	731	65	7.55	0.10	5.77	<0.5
HH21-106093		1.15	295	2410	335	1200	1500	92	9.40	0.34	7.19	0.6
HH21-106094		1.05	111	938	141	304	549	63	7.16	0.07	6.36	0.5
HH21-106095		1.15	23	132	29	99	509	75	9.72	0.02	7.19	<0.5
HH21-106096		1.25	151	1600	223	337	867	77	8.65	0.11	6.71	<0.5
HH21-106097		1.41	342	3650	449	857	1180	77	8.43	0.19	6.47	0.5
HH21-106098		1.21	252	2060	250	653	819	65	7.04	0.12	5.68	0.6
HH21-106099		0.07	120	610	317	4540	4460	117	4.12	1.67	14.95	2.2
HH21-106100		1.23	126	1560	209	385	785	70	8.08	0.08	6.23	<0.5
HH21-106101		1.23	79	1120	143	266	662	65	7.48	0.05	5.85	<0.5
HH21-106102		1.17	171	1520	203	421	750	68	7.70	0.08	5.77	<0.5
HH21-106103		1.22	109	1340	151	351	697	64	7.36	0.07	5.70	<0.5
HH21-106104		1.20	25	1670	155	43	444	30	3.41	0.01	2.65	<0.5
HH21-106105		1.14	64	4640	269	57	848	36	3.60	0.06	2.87	<0.5
HH21-106106		1.16	93	5180	330	233	932	45	4.28	0.13	3.53	<0.5
HH21-106107		1.27	490	2040	199	713	923	93	7.93	0.41	8.01	0.6
HH21-106108		1.23	158	1540	213	588	772	74	7.93	0.16	7.10	0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227151

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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 Account: MZI

CERTIFICATE TB21227153

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 27-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21227153

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-106109		1.71	<1	<1	<5	1	<1	<1	12.95	0.01	0.08	<0.5
HH21-106110		1.12	129	1420	184	405	854	95	10.35	0.14	9.05	<0.5
HH21-106111		1.03	16	1300	220	44	804	67	7.81	0.02	6.28	<0.5
HH21-106112		1.62	118	1240	164	437	800	82	9.52	0.13	7.54	<0.5
HH21-106113		1.20	252	2400	304	791	1085	97	9.68	0.31	9.15	0.5
HH21-106114		1.57	49	760	107	234	612	64	7.44	0.10	6.25	<0.5
HH21-106115		1.20	195	1840	244	701	970	78	8.92	0.19	7.03	<0.5
HH21-106116		1.21	61	671	84	211	604	68	8.76	0.04	6.52	<0.5
HH21-106117		1.18	42	667	79	181	458	50	6.15	0.04	4.76	<0.5
HH21-106118		1.22	86	737	99	327	536	61	7.34	0.08	5.94	<0.5
HH21-106119		1.07	92	554	71	444	541	65	7.59	0.09	6.10	<0.5
HH21-106120		1.32	59	557	82	246	546	64	8.15	0.06	6.12	<0.5
HH21-106121		0.07	4740	2060	1310	90	88	66	0.26	0.02	2.32	0.8
HH21-106122		1.15	130	1080	146	523	623	57	6.64	0.11	5.01	<0.5
HH21-106123		1.16	62	482	61	214	471	58	6.56	0.04	5.21	<0.5
HH21-106124		1.30	49	531	70	168	489	58	6.85	0.02	5.17	<0.5
HH21-106125		1.19	52	590	95	226	561	70	8.14	0.06	5.92	<0.5
HH21-106126		1.21	25	332	47	175	518	61	6.96	0.03	5.39	<0.5
HH21-106127		1.21	29	259	34	155	463	67	7.71	0.04	5.82	<0.5
HH21-106128		1.20	28	155	19	170	402	66	7.12	0.04	5.50	<0.5
HH21-106129		1.20	22	183	37	176	464	70	8.23	0.04	6.46	<0.5
HH21-106130		1.15	73	667	109	380	605	73	8.10	0.12	6.37	<0.5
HH21-106131		1.18	52	513	76	245	618	84	10.20	0.09	7.21	<0.5
HH21-106132		1.18	93	1060	175	437	743	85	10.25	0.13	7.32	<0.5
HH21-106133		1.26	51	1030	136	317	573	64	7.20	0.09	5.58	<0.5
HH21-106134		1.23	8	225	44	57	284	46	5.28	0.01	4.31	<0.5
HH21-106135		1.30	38	337	56	181	570	94	11.10	0.05	8.48	<0.5
HH21-106136		1.22	22	236	41	115	306	49	5.42	0.04	4.76	<0.5
HH21-106137		1.68	65	694	97	254	624	82	9.52	0.11	7.43	<0.5
HH21-106138		0.74	38	579	83	180	427	63	6.74	0.04	6.37	<0.5
HH21-106139		1.40	57	670	103	256	510	70	7.40	0.07	6.19	<0.5
HH21-106140		1.18	60	700	107	435	395	60	5.35	0.16	5.36	<0.5
HH21-106141		0.07	70	589	302	4520	4350	115	3.94	1.65	14.35	2.0
HH21-106142		1.25	83	1140	171	348	575	70	7.03	0.15	6.35	<0.5
HH21-106143		1.21	37	631	81	263	392	48	5.21	0.05	4.60	<0.5
HH21-106144		1.18	10	193	24	137	323	48	5.36	0.03	4.46	<0.5
HH21-106145		1.11	6	159	17	81	305	49	5.79	0.03	4.64	<0.5
HH21-106146		1.15	1	3	<5	72	332	55	6.73	0.04	4.92	<0.5
HH21-106147		1.17	1	<1	<5	69	309	52	6.34	0.04	4.60	<0.5
HH21-106148		1.19	1	4	<5	69	311	51	6.12	0.04	4.53	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 22-SEP-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227153

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106149		1.08	5	64	12	121	361	53	6.54	0.03	4.93	<0.5
HH21-106150		1.15	2	16	5	100	382	54	6.30	0.04	4.83	<0.5
HH21-106151		1.19	<1	<1	<5	2	3	<1	12.75	<0.01	0.12	<0.5
HH21-106152		1.14	1	2	<5	81	343	55	6.52	0.04	4.90	<0.5
HH21-106153		1.15	4	33	<5	66	336	55	6.32	0.03	5.11	<0.5
HH21-106154		1.13	5	98	12	154	369	55	6.81	0.05	5.05	<0.5
HH21-106155		1.12	<1	6	<5	78	308	46	6.00	0.42	5.24	<0.5
HH21-106156		1.29	<1	10	<5	64	284	44	5.90	0.02	4.44	<0.5
HH21-106157		1.18	2	4	<5	115	391	58	7.22	0.05	5.20	<0.5
HH21-106158		1.14	3	4	<5	141	387	57	7.07	0.06	5.05	<0.5
HH21-106159		1.16	1	3	<5	99	361	53	6.58	0.04	4.76	<0.5
HH21-106160		1.21	2	5	<5	100	354	54	6.76	0.04	4.94	<0.5
HH21-106161		1.18	3	37	<5	94	338	54	6.50	0.04	4.97	<0.5
HH21-106162		1.18	31	90	16	386	605	67	7.35	0.12	5.70	<0.5
HH21-106163		1.19	14	43	8	213	432	64	7.61	0.09	6.02	<0.5
HH21-106164		1.14	4	15	5	106	356	60	7.42	0.03	5.46	<0.5
HH21-106165		1.34	2	2	<5	80	324	54	6.54	0.03	4.80	<0.5
HH21-106166		1.16	2	2	<5	66	303	50	6.67	0.02	4.70	<0.5
HH21-106167		0.07	1780	1630	214	8300	602	48	4.50	1.93	7.12	4.8
HH21-106168		1.23	3	26	5	71	326	49	6.20	0.02	4.49	<0.5
HH21-106169		1.22	19	203	23	178	417	68	6.62	0.17	6.71	<0.5
HH21-106170		1.17	15	135	25	200	448	74	7.52	0.13	6.90	<0.5
HH21-106171		1.24	9	181	33	72	424	69	8.42	0.02	6.51	<0.5
HH21-106172		1.42	13	87	21	106	410	65	7.66	0.03	6.21	<0.5
HH21-106173		1.18	10	228	30	93	470	71	9.03	0.03	6.59	<0.5
HH21-106174		1.21	10	130	27	75	445	68	8.64	0.02	6.42	<0.5
HH21-106175		1.24	9	85	27	81	462	72	9.17	0.03	6.63	<0.5
HH21-106176		0.07	77	609	293	4510	4330	117	4.09	1.61	14.60	2.1
HH21-106177		1.25	4	94	26	66	432	65	8.91	0.02	6.28	<0.5
HH21-106178		1.23	5	118	27	73	445	69	8.96	0.02	6.42	<0.5
HH21-106179		1.30	8	119	24	78	457	72	9.12	0.03	6.60	<0.5
HH21-106180		1.28	7	89	22	71	470	73	9.85	0.03	6.91	<0.5
HH21-106181		1.29	12	258	32	84	483	73	9.96	0.03	6.95	<0.5
HH21-106182		1.31	16	241	35	90	474	70	9.54	0.04	6.81	<0.5
HH21-106183		1.33	15	202	36	96	472	69	9.14	0.03	6.52	<0.5
HH21-106184		1.30	16	225	37	92	467	70	8.93	0.03	6.47	<0.5
HH21-106185		1.39	12	177	35	87	452	68	9.12	0.04	6.42	<0.5
HH21-106186		1.28	9	141	30	85	451	69	9.12	0.03	6.36	<0.5



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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21227153

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Account: MZI

CERTIFICATE TB21230598

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 30-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21230598

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-106187		2.17	<1	<1	<5	3	2	<1	12.00	0.02	0.16	<0.5
HH21-106188		1.28	10	168	30	86	472	68	8.94	0.03	6.49	<0.5
HH21-106189		1.35	15	270	39	95	463	64	8.33	0.04	6.07	<0.5
HH21-106190		1.30	30	350	50	117	502	68	8.87	0.05	6.34	<0.5
HH21-106191		1.21	28	312	55	106	490	65	8.59	0.05	6.23	<0.5
HH21-106192		1.36	39	553	58	137	555	70	9.00	0.06	6.49	<0.5
HH21-106193		1.24	16	177	32	85	473	64	8.51	0.04	6.14	<0.5
HH21-106194		1.30	42	512	46	163	462	55	6.59	0.06	5.55	<0.5
HH21-106195		1.23	14	230	39	81	501	69	8.87	0.03	6.74	<0.5
HH21-106196		1.20	38	372	45	251	593	75	9.50	0.06	7.06	<0.5
HH21-106197		1.38	45	534	75	226	609	79	9.23	0.07	7.37	<0.5
HH21-106198		1.22	97	767	104	239	523	66	7.60	0.12	7.05	<0.5
HH21-106199		1.26	174	1740	245	700	792	85	7.71	0.39	9.28	<0.5
HH21-106200		1.23	114	1000	102	474	579	62	5.49	0.23	7.09	<0.5
HH21-106201		1.23	68	942	112	392	506	62	5.38	0.26	6.80	<0.5
HH21-106202		1.21	108	1120	89	362	443	46	4.28	0.17	4.80	<0.5
HH21-106203		1.25	54	2370	228	306	750	61	4.66	0.31	4.71	<0.5
HH21-106204		1.20	14	34	5	157	316	48	5.34	0.04	4.87	<0.5
HH21-106205		1.19	16	219	48	203	496	87	10.25	0.14	8.14	<0.5
HH21-106206		0.07	4690	2010	1280	88	84	62	0.26	0.01	2.27	0.8
HH21-106207		1.17	10	67	10	126	302	48	5.42	0.06	4.63	<0.5
HH21-106208		1.17	17	43	5	165	305	47	5.48	0.06	4.67	<0.5
HH21-106209		1.25	10	18	<5	135	403	51	5.65	0.07	4.59	<0.5
HH21-106210		1.22	19	97	15	223	471	62	6.47	0.12	6.13	<0.5
HH21-106211		0.95	34	1120	150	368	480	55	4.65	0.30	5.26	<0.5
HH21-106212		1.42	7	4	<5	108	297	49	5.71	0.04	5.19	<0.5
HH21-106213		1.28	9	1	<5	166	343	57	6.35	0.06	5.65	<0.5
HH21-106214		1.15	8	7	<5	211	517	64	7.45	0.14	6.32	<0.5
HH21-106215		1.22	3	10	<5	155	402	62	7.10	0.08	5.92	<0.5
HH21-106216		1.21	5	8	<5	135	381	62	7.13	0.06	5.98	<0.5
HH21-106217		1.25	11	4	<5	224	381	62	7.09	0.09	6.19	<0.5
HH21-106218		1.19	2	<1	<5	100	334	56	6.36	0.05	5.50	<0.5
HH21-106219		1.21	6	10	<5	186	348	55	6.02	0.06	5.30	<0.5
HH21-106220		0.07	91	612	286	4530	4420	114	4.03	1.66	14.95	1.8
HH21-106221		1.22	4	3	<5	151	344	54	5.82	0.08	5.25	<0.5
HH21-106222		1.22	7	8	<5	133	315	50	5.82	0.05	5.08	<0.5
HH21-106223		1.22	5	4	<5	104	325	50	5.61	0.04	5.04	<0.5
HH21-106224		1.17	32	537	73	288	437	61	6.52	0.14	6.26	<0.5
HH21-106225		1.27	18	57	7	330	442	72	8.10	0.14	7.19	<0.5
HH21-106226		1.19	8	16	<5	182	365	65	7.25	0.09	6.44	<0.5



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CERTIFICATE OF ANALYSIS TB21230598

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106227		0.69	6	91	12	149	390	66	6.99	0.06	6.77	<0.5
HH21-106228		0.69	7	226	30	97	319	48	4.92	0.02	5.04	<0.5
HH21-106229		1.18	7	299	36	99	343	49	5.07	0.03	5.22	<0.5
HH21-106230		1.05	11	403	47	136	324	48	5.09	0.05	5.05	<0.5
HH21-106231		1.22	58	753	101	549	526	59	5.14	0.20	5.50	<0.5
HH21-106232		1.21	27	653	100	295	545	69	7.26	0.12	6.36	<0.5
HH21-106233		1.13	10	11	<5	138	354	64	7.26	0.05	6.08	<0.5
HH21-106234		1.16	16	308	50	194	368	61	6.55	0.09	6.08	<0.5
HH21-106235		1.24	7	10	<5	107	332	66	7.72	0.05	6.62	<0.5
HH21-106236		1.19	15	94	11	144	359	64	7.43	0.06	6.50	<0.5
HH21-106237		1.85	<1	<1	<5	1	<1	<1	12.75	<0.01	0.09	<0.5
HH21-106238		1.24	7	18	<5	106	349	70	8.05	0.04	6.99	<0.5
HH21-106239		1.40	7	56	11	123	344	64	7.44	0.06	6.44	<0.5
HH21-106240		1.35	10	2	<5	135	320	61	6.83	0.05	6.06	<0.5
HH21-106241		1.17	10	13	<5	135	351	67	7.33	0.06	6.60	<0.5
HH21-106242		1.24	21	218	30	219	359	60	5.44	0.16	6.42	<0.5
HH21-106243		0.07	2060	1720	238	8300	620	48	4.44	1.99	7.15	5.0
HH21-106244		1.29	22	113	13	210	286	48	4.71	0.09	5.49	<0.5
HH21-106245		1.25	13	144	15	148	262	44	4.80	0.13	4.97	<0.5
HH21-106246		1.19	1	3	<5	51	315	52	6.13	0.04	5.27	<0.5
HH21-106247		1.26	3	2	<5	120	339	56	6.47	0.14	5.76	<0.5
HH21-106248		1.12	7	76	9	168	436	61	7.58	0.11	6.44	<0.5
HH21-106249		1.27	5	13	<5	161	368	64	7.31	0.07	6.21	<0.5
HH21-106250		1.21	4	12	<5	139	373	64	7.11	0.06	6.19	<0.5
HH21-106251		1.38	4	1	<5	133	375	67	7.87	0.06	6.56	<0.5
HH21-106252		1.25	12	79	7	203	450	71	7.87	0.11	7.11	<0.5
HH21-106253		1.27	7	31	<5	138	387	70	8.13	0.07	7.12	<0.5
HH21-106254		1.17	5	16	5	146	352	61	6.83	0.06	5.79	<0.5
HH21-106255		1.30	6	26	<5	153	362	65	7.56	0.07	6.36	<0.5
HH21-106256		1.31	5	8	<5	110	315	57	6.47	0.04	5.56	<0.5
HH21-106257		1.32	8	10	<5	159	310	56	5.80	0.09	5.43	<0.5
HH21-106258		1.22	10	36	<5	185	342	55	5.63	0.08	5.40	<0.5
HH21-106259		1.06	9	40	7	196	349	58	5.84	0.07	5.65	<0.5
HH21-106260		1.48	1	5	<5	76	189	37	3.82	0.02	3.89	<0.5
HH21-106261		1.21	3	11	<5	206	407	58	6.26	0.08	5.66	<0.5
HH21-106262		0.07	78	494	261	4730	4530	118	4.16	1.73	14.95	2.2
HH21-106263		1.31	12	52	10	343	438	63	5.98	0.16	6.63	<0.5
HH21-106264		1.44	10	44	<5	207	526	77	8.59	0.08	7.83	<0.5



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CERTIFICATE OF ANALYSIS TB21230598

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21230599

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of Drill Core submitted to our lab in Thunder Bay, ON, Canada on 30-AUG-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106265		1.51	<1	1	<5	2	1	<1	13.40	<0.01	0.09	<0.5
HH21-106266		1.28	1	6	<5	117	389	66	7.58	0.05	6.52	<0.5
HH21-106267		1.37	180	15	<5	120	370	57	6.16	0.04	5.73	<0.5
HH21-106268		1.31	30	34	<5	81	415	69	8.05	0.05	6.31	<0.5
HH21-106269		1.28	11	2	<5	66	371	66	8.06	0.03	6.20	<0.5
HH21-106270		1.25	6	1	<5	90	374	67	8.12	0.04	6.41	<0.5
HH21-106271		1.28	5	1	<5	117	369	67	8.32	0.04	6.55	<0.5
HH21-106272		1.29	2	1	<5	96	411	72	8.99	0.05	6.97	<0.5
HH21-106273		1.20	12	21	<5	282	405	67	7.16	0.15	6.49	<0.5
HH21-106274		1.18	2	60	6	80	396	67	8.56	0.03	6.53	<0.5
HH21-106275		1.16	3	7	<5	95	404	67	8.34	0.03	6.33	<0.5
HH21-106276		1.13	1	11	<5	64	308	51	6.29	0.03	4.86	<0.5
HH21-106277		1.32	4	57	6	91	401	67	8.29	0.03	6.50	<0.5
HH21-106278		1.24	13	12	5	70	395	70	8.59	0.02	6.55	<0.5
HH21-106279		1.23	10	44	9	79	395	67	8.12	0.03	6.55	<0.5
HH21-106280		0.07	4730	1980	1260	88	86	63	0.27	0.01	2.30	0.7
HH21-106281		1.22	10	18	6	44	367	59	7.04	0.02	5.70	<0.5
HH21-106282		1.17	7	1	<5	70	390	68	8.30	0.03	6.30	<0.5
HH21-106283		1.22	5	3	<5	78	375	67	8.52	0.04	6.49	<0.5
HH21-106284		1.24	6	81	8	124	437	72	8.85	0.08	6.91	<0.5
HH21-106285		1.22	3	11	<5	86	387	70	8.77	0.04	6.55	<0.5
HH21-106286		1.29	5	2	<5	91	383	65	8.36	0.03	6.21	<0.5
HH21-106287		1.26	5	61	6	93	398	67	9.02	0.05	6.52	<0.5
HH21-106288		1.22	1	1	<5	97	399	69	8.96	0.04	6.56	<0.5
HH21-106289		1.53	12	94	11	111	418	72	9.09	0.05	6.74	<0.5
HH21-106290		1.26	1	4	<5	76	394	69	9.34	0.04	6.76	<0.5
HH21-106291		1.35	4	22	<5	84	413	70	8.87	0.04	6.80	<0.5
HH21-106292		1.29	6	820	25	184	344	62	6.99	0.13	6.08	<0.5
HH21-106293		1.31	7	83	7	165	408	68	8.04	0.07	6.86	<0.5
HH21-106294		0.07	113	614	296	4260	4150	110	3.82	1.62	14.15	2.1
HH21-106295		1.23	13	194	27	180	415	70	7.91	0.12	6.88	<0.5
HH21-106296		1.28	24	491	57	335	526	78	8.40	0.21	6.86	<0.5
HH21-106297		1.11	3	18	<5	101	432	71	9.41	0.03	6.89	<0.5
HH21-106298		1.39	11	212	24	160	278	51	4.81	0.11	5.56	<0.5
HH21-106299		1.25	6	18	<5	150	308	62	6.52	0.10	6.31	<0.5
HH21-106300		1.25	4	28	6	86	134	36	3.28	0.08	5.49	<0.5
HH21-106301		1.27	<1	1301	<5	48	337	60	7.44	0.02	6.14	<0.5
HH21-106302		1.34	7	39	6	129	334	65	7.45	0.05	6.48	<0.5
HH21-106303		1.22	1	24	<5	45	365	64	8.32	0.02	6.47	<0.5
HH21-106304		1.69	1	29	<5	74	331	62	7.26	0.05	6.25	<0.5



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106305		0.78	3	8	<5	204	24	28	1.46	0.17	6.50	<0.5
HH21-106306		1.22	<1	<1	<5	63	15	28	1.37	0.11	7.30	<0.5
HH21-106307		0.90	<1	14	<5	69	50	28	1.82	0.08	6.04	<0.5
HH21-106308		1.36	<1	<1	<5	1	3	1	13.25	<0.01	0.11	<0.5
HH21-106309		1.48	7	16	<5	178	355	69	7.45	0.07	7.07	<0.5
HH21-106310		1.36	3	34	<5	126	469	78	9.51	0.04	7.70	<0.5
HH21-106311		1.45	2	17	<5	98	372	66	7.76	0.04	6.62	<0.5
HH21-106312		1.25	1	10	<5	88	381	67	8.41	0.04	6.76	<0.5
HH21-106313		1.30	6	71	5	122	408	66	8.57	0.04	6.99	<0.5
HH21-106314		1.37	3	67	11	95	420	65	8.51	0.03	6.66	<0.5
HH21-106315		1.16	<1	51	5	74	114	29	2.52	0.11	5.20	<0.5
HH21-106316		1.18	<1	40	6	101	271	51	5.24	0.07	5.37	<0.5
HH21-106317		0.07	1900	1700	221	8970	655	50	4.74	2.11	7.56	5.4
HH21-106318		1.26	16	277	25	194	428	61	7.01	0.16	6.07	<0.5
HH21-106319		1.27	45	1090	117	445	642	82	8.83	0.18	7.75	<0.5
HH21-106320		1.18	15	139	14	275	442	68	7.30	0.16	6.46	<0.5
HH21-106321		1.20	<1	6	<5	57	375	65	8.29	0.03	6.40	<0.5
HH21-106322		1.19	2	8	<5	143	242	56	5.28	0.11	6.40	<0.5
HH21-106323		1.46	3	377	38	114	332	56	5.45	0.13	6.13	<0.5
HH21-106324		0.93	<1	11	<5	111	31	24	1.39	0.11	5.94	<0.5
HH21-106325		1.09	<1	6	<5	87	20	22	1.24	0.12	6.43	<0.5
HH21-106326		1.27	<1	<1	<5	91	10	22	1.12	0.13	6.47	<0.5
HH21-106327		1.17	<1	<1	<5	87	25	22	1.26	0.16	6.33	<0.5
HH21-106328		0.74	<1	11	<5	73	229	38	5.14	0.12	5.06	<0.5
HH21-106329		0.95	<1	2	<5	32	181	30	4.30	0.15	4.69	<0.5
HH21-106330		0.81	<1	27	<5	123	439	64	8.58	0.09	6.03	<0.5
HH21-106331		1.06	<1	5	<5	37	399	62	8.82	0.03	6.35	<0.5
HH21-106332		1.18	1	100	15	166	228	40	4.09	0.69	4.71	<0.5
HH21-106333		1.28	<1	38	<5	90	309	50	6.33	0.44	6.10	<0.5
HH21-106334		1.17	<1	273	31	81	481	77	9.40	0.08	8.17	<0.5
HH21-106335		1.30	15	37	<5	308	649	95	10.70	0.34	9.96	0.5
HH21-106336		1.28	2	4	<5	62	364	58	7.68	0.03	5.89	<0.5
HH21-106337		1.19	<1	1	<5	56	416	64	8.62	0.03	6.32	<0.5
HH21-106338		0.07	158	578	289	4650	4390	116	4.01	1.64	14.60	2.2
HH21-106339		1.50	6	13	6	83	428	66	9.14	0.03	6.60	<0.5
HH21-106340		0.95	1	3	<5	88	59	29	1.92	0.10	6.39	<0.5
HH21-106341		1.18	<1	1	<5	62	15	22	1.14	0.11	6.33	<0.5
HH21-106342		1.19	<1	<1	<5	61	15	24	1.23	0.11	6.28	<0.5



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CERTIFICATE OF ANALYSIS TB21230599

	CERTIFICATE COMMENTS
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada CRU-32 CRU-QC LOG-21 LOG-23 PUL-35 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-ICP61 PGM-ICP23



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 Finalized Date: 28-SEP-2021
 Account: MZI

CERTIFICATE TB21236716

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 5-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21236716

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.5	
HH21-106499		1.06	<1	1	<5	1	<1	1	13.30	<0.5
HH21-106500		2.10	20	113	17	241	367	63	6.21	<0.5
HH21-106501		1.86	10	42	13	181	336	59	5.97	<0.5
HH21-106502		1.89	13	52	17	194	342	61	6.09	<0.5
HH21-106503		1.88	9	43	11	182	329	64	6.17	<0.5
HH21-106504		1.80	14	68	15	303	420	66	6.26	<0.5
HH21-106505		1.96	29	137	30	410	531	62	5.94	<0.5
HH21-106506		1.79	10	30	6	177	333	60	6.81	<0.5
HH21-106507		1.85	11	43	8	199	341	61	6.41	<0.5
HH21-106508		2.06	9	95	12	198	384	67	6.88	<0.5
HH21-106509		1.85	7	62	19	156	361	62	6.71	<0.5
HH21-106510		0.07	4940	2010	1300	91	88	67	0.28	0.8
HH21-106511		1.85	8	55	18	134	303	60	6.18	<0.5
HH21-106512		1.93	15	58	19	252	358	61	6.13	<0.5
HH21-106513		1.89	23	73	20	355	396	62	6.29	<0.5
HH21-106514		1.98	19	58	12	321	439	65	7.05	<0.5
HH21-106515		1.93	14	45	10	174	327	58	6.11	<0.5
HH21-106516		1.82	23	35	8	240	337	59	5.75	<0.5
HH21-106517		1.96	29	182	26	423	510	64	6.10	<0.5
HH21-106518		1.89	195	155	31	721	549	67	6.56	<0.5
HH21-106519		1.83	66	173	36	660	652	68	6.61	<0.5
HH21-106520		1.86	62	163	43	583	588	64	6.23	<0.5
HH21-106521		1.93	26	101	12	290	378	63	6.72	<0.5
HH21-106522		0.07	112	637	329	4480	4460	119	4.05	2.0
HH21-106523		1.92	110	710	37	844	649	75	7.90	<0.5
HH21-106524		2.09	37	730	43	392	630	77	7.66	<0.5
HH21-106525		2.20	19	50	7	187	300	50	5.41	<0.5
HH21-106526		2.16	13	122	39	162	371	65	7.21	<0.5
HH21-106527		2.21	23	101	14	340	482	70	6.95	<0.5
HH21-106528		2.12	17	38	9	262	343	48	4.79	<0.5
HH21-106529		2.10	18	21	<5	322	555	74	7.87	<0.5
HH21-106530		2.15	13	35	8	262	383	67	7.23	<0.5
HH21-106531		2.11	15	27	6	361	418	63	6.64	<0.5
HH21-106532		2.22	20	87	11	441	564	67	6.87	<0.5
HH21-106533		1.52	16	26	8	374	360	61	5.77	<0.5
HH21-106534		2.73	10	21	<5	229	340	61	6.56	<0.5
HH21-106535		2.12	20	68	15	396	516	80	7.63	<0.5
HH21-106536		2.01	9	71	25	156	517	72	8.41	<0.5
HH21-106537		2.05	12	45	8	202	425	64	7.44	<0.5
HH21-106538		2.12	12	31	7	234	437	72	8.08	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21236716

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
		kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106539		2.22	23	38	8	389	773	86	8.38	<0.5
HH21-106540		2.17	27	50	12	428	575	79	8.30	<0.5
HH21-106541		2.24	19	35	9	307	464	77	8.19	<0.5
HH21-106542		1.99	7	15	<5	100	343	62	7.69	<0.5
HH21-106543		2.05	28	117	18	385	652	72	7.43	<0.5
HH21-106544		1.08	<1	<1	<5	2	<1	1	13.10	<0.5
HH21-106545		2.05	45	317	42	563	581	61	6.78	<0.5
HH21-106546		2.11	18	45	12	287	334	58	6.12	<0.5
HH21-106547		2.11	13	12	5	244	421	62	7.34	<0.5
HH21-106548		2.23	19	101	10	270	430	63	6.98	<0.5
HH21-106549		2.52	24	191	30	318	510	72	7.55	<0.5
HH21-106550		0.07	1980	1720	244	8980	656	52	4.61	5.2
HH21-106551		1.85	30	180	34	317	539	75	8.56	<0.5
HH21-106552		1.99	71	1340	105	926	1240	83	6.41	0.6
HH21-106553		1.92	89	447	69	692	770	63	5.96	<0.5
HH21-106554		2.34	156	502	68	1015	882	76	6.64	0.6
HH21-106555		2.08	58	349	38	619	641	58	5.60	<0.5
HH21-106556		2.11	23	68	19	271	214	25	2.31	<0.5
HH21-106557		2.09	116	419	64	789	728	61	5.22	<0.5
HH21-106558		2.18	42	86	16	297	298	33	3.00	<0.5
HH21-106559		2.22	99	462	73	686	803	64	5.86	<0.5
HH21-106560		2.16	33	153	23	471	496	50	4.72	<0.5
HH21-106561		2.29	37	35	10	477	477	64	6.42	<0.5
HH21-106562		2.05	16	74	19	212	470	57	6.25	<0.5
HH21-106563		2.15	11	121	27	195	401	51	4.97	<0.5
HH21-106564		2.13	21	194	44	372	461	52	4.19	<0.5
HH21-106565		2.17	5	11	7	143	291	51	5.25	<0.5
HH21-106566		2.17	19	175	45	364	659	75	6.93	<0.5
HH21-106567		0.07	66	630	319	4500	4390	117	4.02	1.9
HH21-106568		2.16	3	25	<5	83	337	57	6.19	<0.5
HH21-106569		2.19	11	25	<5	209	363	54	5.33	<0.5
HH21-106570		2.15	8	83	15	104	252	28	2.53	<0.5
HH21-106571		2.01	12	50	9	154	278	38	3.94	<0.5
HH21-106572		1.99	5	139	35	38	548	52	5.14	<0.5
HH21-106573		2.27	19	482	152	76	514	49	4.84	<0.5
HH21-106574		2.17	9	191	59	107	419	49	4.80	<0.5
HH21-106575		2.25	17	41	<5	176	200	29	2.75	<0.5
HH21-106576		2.05	12	97	13	98	381	45	4.68	<0.5



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Total # Appendix Pages: 1
Finalized Date: 28-SEP-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21236716

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Total # Pages: 3 (A)
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 Finalized Date: 26-SEP-2021
 Account: MZI

CERTIFICATE TB21236718

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 5-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21236718

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
	LOD	0.02	1	1	5	1	1	1	0.01	0.5
HH21-106577		1.31	<1	<1	<5	1	1	1	12.75	<0.5
HH21-106578		2.05	7	55	12	44	314	43	4.96	<0.5
HH21-106579		2.01	43	210	52	281	466	44	4.50	<0.5
HH21-106580		1.95	3	49	13	48	231	36	3.92	<0.5
HH21-106581		0.07	5020	2000	1300	86	85	65	0.24	0.8
HH21-106582		2.15	8	51	14	65	265	44	4.96	<0.5
HH21-106583		1.98	4	51	14	85	269	44	4.93	<0.5
HH21-106584		2.16	5	60	13	58	294	47	5.46	<0.5
HH21-106585		2.03	6	50	10	67	296	46	5.40	<0.5
HH21-106586		2.01	8	45	8	66	281	44	5.20	<0.5
HH21-106587		2.00	28	472	120	105	362	46	5.29	<0.5
HH21-106588		2.04	20	261	16	253	304	45	4.77	<0.5
HH21-106589		2.02	7	49	10	102	286	45	5.12	<0.5
HH21-106590		2.07	46	135	28	488	549	70	6.76	<0.5
HH21-106591		2.08	41	137	24	341	426	54	5.13	<0.5
HH21-106592		1.94	52	199	25	439	626	68	6.77	<0.5
HH21-106593		2.63	15	9	<5	264	535	72	8.41	<0.5
HH21-106594		1.82	96	378	68	651	693	79	6.98	<0.5
HH21-106595		1.81	90	381	86	549	609	55	5.75	<0.5
HH21-106596		2.02	21	13	<5	175	314	54	5.90	<0.5
HH21-106597		1.89	6	4	<5	128	277	51	5.47	<0.5
HH21-106598		1.89	28	478	44	188	350	52	5.49	<0.5
HH21-106599		2.07	12	78	13	109	324	50	6.23	<0.5
HH21-106600		0.07	88	606	293	4870	4750	124	4.10	2.1
HH21-106601		2.05	74	923	102	449	361	33	3.27	<0.5
HH21-106602		1.99	17	886	112	150	485	55	6.24	<0.5
HH21-106603		2.02	157	936	152	471	581	64	7.55	0.5
HH21-106604		2.13	35	408	110	232	478	57	7.39	<0.5
HH21-106605		2.18	29	327	129	342	438	57	6.34	<0.5
HH21-106606		2.11	9	167	10	251	328	47	4.42	<0.5
HH21-106607		2.51	11	205	22	378	481	65	6.27	<0.5
HH21-106608		2.18	<1	1	<5	51	4	1	0.06	<0.5
HH21-106609		1.38	8	67	22	269	284	49	4.02	<0.5
HH21-106610		2.14	9	124	23	121	251	50	5.16	<0.5
HH21-106611		2.13	11	69	17	111	261	47	5.08	<0.5
HH21-106612		2.11	7	30	15	106	235	49	5.01	<0.5
HH21-106613		2.07	41	374	54	327	374	54	5.68	0.5
HH21-106614		2.07	25	149	11	157	243	53	4.76	<0.5
HH21-106615		2.17	9	9	<5	131	182	48	4.42	<0.5
HH21-106616		2.05	8	20	8	144	205	53	4.70	<0.5



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CERTIFICATE OF ANALYSIS TB21236718

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
	LOD	0.02	1	1	5	1	1	1	0.01	0.5
HH21-106617		2.29	4	30	12	193	376	71	7.05	<0.5
HH21-106618		1.87	27	193	25	367	298	56	5.28	<0.5
HH21-106619		2.15	14	47	19	190	272	54	5.39	<0.5
HH21-106620		2.08	15	309	45	154	293	46	4.99	<0.5
HH21-106621		1.12	<1	<1	<5	1	<1	<1	12.40	<0.5
HH21-106622		2.08	5	5	<5	102	146	40	3.33	<0.5
HH21-106623		2.09	5	15	<5	141	181	50	4.17	<0.5
HH21-106624		2.06	10	138	17	141	262	58	5.12	<0.5
HH21-106625		2.06	82	589	52	283	456	58	6.54	<0.5
HH21-106626		1.89	42	123	14	200	324	56	5.66	<0.5
HH21-106627		2.28	11	21	5	107	184	57	4.70	<0.5
HH21-106628		2.15	10	26	5	134	184	56	4.80	<0.5
HH21-106629		2.10	27	205	77	195	287	71	6.53	<0.5
HH21-106630		2.08	20	308	131	172	397	67	7.43	<0.5
HH21-106631		2.04	21	588	157	106	523	77	9.69	<0.5
HH21-106632		2.10	27	662	136	151	492	69	8.24	<0.5
HH21-106633		2.08	8	41	12	153	251	60	5.25	<0.5
HH21-106634		0.07	1940	1680	236	8800	641	51	4.63	5.2
HH21-106635		2.10	8	44	12	107	270	58	5.27	<0.5
HH21-106636		1.62	6	35	10	103	238	60	5.18	<0.5
HH21-106637		2.31	19	73	23	212	342	61	5.35	<0.5
HH21-106638		2.12	45	947	102	675	591	60	5.52	<0.5
HH21-106639		1.98	137	1740	481	1145	743	57	5.33	0.8
HH21-106640		2.09	21	139	21	182	290	48	5.02	<0.5
HH21-106641		0.07	118	595	275	4460	4330	113	3.94	1.7
HH21-106642		2.06	11	47	13	125	318	60	6.28	<0.5
HH21-106643		1.93	14	95	17	145	343	53	5.77	<0.5
HH21-106644		2.51	32	184	27	182	311	49	5.67	<0.5
HH21-106645		2.11	74	406	35	386	363	61	6.14	<0.5
HH21-106646		2.83	7	23	10	113	277	56	5.66	<0.5
HH21-106647		2.07	8	32	11	120	311	62	6.40	<0.5
HH21-106648		2.08	11	44	12	122	330	67	6.84	<0.5
HH21-106649		2.03	13	47	14	120	323	62	6.66	<0.5
HH21-106650		2.04	15	67	15	129	369	69	7.39	<0.5
HH21-106651		2.33	15	75	17	137	396	77	8.05	<0.5
HH21-106652		2.12	13	72	15	152	405	70	7.57	<0.5
HH21-106653		2.19	14	81	16	156	394	68	7.32	<0.5
HH21-106654		2.30	8	48	11	127	347	61	6.73	<0.5



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CERTIFICATE OF ANALYSIS TB21236718

	CERTIFICATE COMMENTS
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada CRU-32 CRU-QC LOG-21 LOG-23 PUL-35 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-ICP61 PGM-ICP23



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
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 Account: MZI

CERTIFICATE TB21236723

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 5-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21236723

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
		kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106421		1.09	1	<1	<5	4	1	<1	12.35	<0.5
HH21-106422		2.05	24	435	56	178	771	85	12.75	<0.5
HH21-106423		1.82	18	461	49	120	762	83	13.00	<0.5
HH21-106424		1.94	15	589	56	84	701	76	12.05	<0.5
HH21-106425		2.03	28	664	76	138	719	77	11.95	<0.5
HH21-106426		1.87	33	753	76	168	695	73	10.95	<0.5
HH21-106427		2.09	16	728	102	119	566	54	7.00	<0.5
HH21-106428		1.90	15	335	68	125	443	52	6.57	<0.5
HH21-106429		0.07	4260	1900	1260	88	86	62	0.26	0.9
HH21-106430		1.76	63	515	98	473	659	72	7.10	0.5
HH21-106431		2.22	47	129	35	384	546	68	7.30	<0.5
HH21-106432		1.91	14	198	77	179	237	22	2.33	<0.5
HH21-106433		1.90	9	136	79	121	208	20	1.94	<0.5
HH21-106434		1.77	12	107	79	210	218	21	2.39	<0.5
HH21-106435		1.84	7	169	76	148	312	39	4.44	<0.5
HH21-106436		1.40	2	203	83	48	201	17	2.16	<0.5
HH21-106437		2.46	33	647	113	216	709	88	12.25	<0.5
HH21-106438		1.86	8	698	133	104	711	87	12.55	<0.5
HH21-106439		1.79	19	742	136	179	762	86	12.55	<0.5
HH21-106440		1.89	41	1020	176	248	776	84	12.10	<0.5
HH21-106441		1.80	46	508	108	294	725	69	9.16	<0.5
HH21-106442		1.80	61	538	67	428	707	61	7.07	<0.5
HH21-106443		2.11	56	78	24	462	640	54	6.05	<0.5
HH21-106444		1.95	350	1930	156	907	1005	65	5.91	0.6
HH21-106445		2.02	111	577	90	602	868	78	7.91	0.9
HH21-106446		3.10	51	170	56	335	406	47	5.17	<0.5
HH21-106447		1.92	99	439	40	481	570	51	5.54	<0.5
HH21-106448		1.80	177	1260	135	1085	890	60	5.77	0.5
HH21-106449		1.83	69	288	51	450	639	61	6.50	<0.5
HH21-106450		1.81	58	162	19	383	408	59	6.02	<0.5
HH21-106451		2.28	118	340	82	608	730	64	6.70	0.5
HH21-106452		1.94	112	769	75	751	970	67	6.81	0.5
HH21-106453		0.07	74	635	305	4450	4330	112	3.86	2.1
HH21-106454		2.05	61	461	40	472	632	59	6.31	0.5
HH21-106455		1.89	51	765	95	526	853	62	5.93	0.5
HH21-106456		2.05	64	538	58	580	723	61	6.29	<0.5
HH21-106457		1.92	47	133	19	237	353	49	5.67	0.6
HH21-106458		2.02	92	375	70	525	608	66	6.68	0.5
HH21-106459		2.04	76	275	48	439	628	66	7.15	<0.5
HH21-106460		1.81	61	458	58	438	710	59	6.66	0.6



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21236723

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106461		1.84	99	739	84	640	786	59	6.05	0.5
HH21-106462		1.95	36	330	36	442	539	51	5.66	0.6
HH21-106463		1.90	50	295	102	420	538	54	5.91	0.5
HH21-106464		1.85	34	142	20	329	460	44	5.09	<0.5
HH21-106465		1.87	101	692	72	1685	1180	72	5.40	1.2
HH21-106466		1.99	61	635	49	1085	1660	177	5.59	1.4
HH21-106467		1.82	77	1040	92	1130	960	67	6.42	2.3
HH21-106468		1.03	<1	2	<5	3	8	<1	13.45	<0.5
HH21-106469		1.94	34	317	31	334	599	51	5.82	0.7
HH21-106470		1.94	15	293	34	260	553	49	5.76	<0.5
HH21-106471		1.85	16	32	<5	193	343	43	5.62	<0.5
HH21-106472		1.90	39	339	48	322	432	45	5.17	<0.5
HH21-106473		1.88	68	492	59	512	669	51	4.71	<0.5
HH21-106474		1.84	14	71	8	247	304	36	3.64	0.5
HH21-106475		1.93	45	1060	87	618	865	59	5.19	1.0
HH21-106476		1.91	18	85	13	261	435	47	5.67	<0.5
HH21-106477		1.85	42	866	54	439	659	55	5.82	0.7
HH21-106478		1.97	21	323	34	184	363	49	6.36	<0.5
HH21-106479		1.93	16	338	12	331	385	57	6.24	<0.5
HH21-106480		1.86	14	87	25	340	338	55	5.90	0.6
HH21-106481		1.97	11	98	22	158	311	56	5.95	<0.5
HH21-106482		1.81	14	295	32	310	501	57	5.79	0.7
HH21-106483		0.07	2010	1630	223	8940	668	52	4.84	5.0
HH21-106484		2.08	19	92	24	370	375	53	5.95	0.6
HH21-106485		1.88	19	119	31	460	370	52	5.33	0.8
HH21-106486		1.87	32	178	38	465	457	54	5.27	0.5
HH21-106487		1.98	25	151	38	353	444	57	6.07	0.8
HH21-106488		1.91	29	411	80	451	620	58	6.85	<0.5
HH21-106489		2.31	21	87	24	191	346	50	6.58	<0.5
HH21-106490		2.25	152	557	103	896	1010	68	6.69	<0.5
HH21-106491		2.38	37	363	81	585	809	67	7.00	<0.5
HH21-106492		2.44	24	408	107	323	587	67	8.73	<0.5
HH21-106493		0.07	81	600	315	4370	4270	113	3.95	2.6
HH21-106494		2.50	68	1540	154	836	1330	90	7.36	0.7
HH21-106495		2.50	87	1140	103	681	1020	76	7.30	0.5
HH21-106496		2.47	63	320	39	514	523	61	6.14	0.8
HH21-106497		2.35	95	867	82	859	717	58	5.12	0.9
HH21-106498		2.23	23	107	22	400	323	57	5.60	0.7



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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21236723

CERTIFICATE COMMENTS	
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	<p style="text-align: center;">LABORATORY ADDRESSES</p>
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Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21240312

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 8-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21240312

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106811		1.43	1	2	<5	2	<1	<1	12.15	<0.5
HH21-106812		2.26	<1	1	<5	32	17	26	1.91	<0.5
HH21-106813		2.09	<1	<1	<5	29	18	27	1.99	<0.5
HH21-106814		2.17	<1	<1	<5	46	17	25	1.87	<0.5
HH21-106815		2.16	1	1	<5	51	17	25	1.80	<0.5
HH21-106816		2.06	1	2	<5	52	19	24	1.85	<0.5
HH21-106817		2.27	74	1520	121	286	303	34	1.89	<0.5
HH21-106818		2.26	4	153	<5	104	81	26	1.79	<0.5
HH21-106819		2.16	2	70	6	127	76	24	1.94	<0.5
HH21-106820		2.18	6	142	10	82	76	24	1.81	<0.5
HH21-106821		2.10	5	13	<5	46	21	21	1.69	<0.5
HH21-106822		2.16	14	208	14	122	80	21	1.50	<0.5
HH21-106823		2.29	7	107	11	61	62	23	1.75	<0.5
HH21-106824		2.26	1	21	<5	45	34	25	1.93	<0.5
HH21-106825		0.07	4710	1990	1280	90	82	65	0.25	0.7
HH21-106826		2.25	5	25	5	59	39	28	2.26	<0.5
HH21-106827		2.13	4	36	<5	130	67	39	3.27	<0.5
HH21-106828		2.03	<1	3	<5	24	23	20	1.60	<0.5
HH21-106829		2.00	<1	<1	<5	27	16	16	1.30	<0.5
HH21-106830		2.09	<1	120	12	36	58	21	1.56	<0.5
HH21-106831		2.05	4	234	26	67	107	24	1.76	<0.5
HH21-106832		2.43	2	109	9	66	64	23	1.72	<0.5
HH21-106833		2.07	3	85	9	101	51	25	1.92	<0.5
HH21-106834		2.31	<1	20	5	112	38	24	1.81	<0.5
HH21-106835		2.17	<1	187	8	75	135	25	1.79	<0.5
HH21-106836		2.13	<1	8	5	35	33	24	1.93	<0.5
HH21-106837		2.36	<1	17	5	40	30	25	1.98	<0.5
HH21-106838		2.12	<1	<1	<5	36	23	24	1.90	<0.5
HH21-106839		2.08	<1	3	<5	52	24	25	1.91	<0.5
HH21-106840		2.17	<1	<1	<5	68	22	26	1.94	<0.5
HH21-106841		2.08	<1	<1	5	145	25	26	2.03	<0.5
HH21-106842		2.25	<1	59	<5	92	42	26	1.87	<0.5
HH21-106843		0.07	69	596	316	4560	4510	119	4.13	2.2
HH21-106844		2.13	<1	24	8	52	39	25	1.95	<0.5
HH21-106845		2.10	<1	13	7	39	30	25	1.92	<0.5
HH21-106846		2.12	<1	27	7	58	41	25	1.81	<0.5
HH21-106847		2.12	<1	15	8	38	33	25	1.96	<0.5
HH21-106848		2.23	<1	71	14	40	61	25	2.01	<0.5
HH21-106849		2.20	<1	51	8	38	55	26	1.99	<0.5
HH21-106850		2.11	<1	38	<5	37	34	21	1.76	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21240312

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106851		2.22	<1	10	<5	40	29	26	1.88	<0.5
HH21-106852		2.25	<1	<1	<5	71	21	25	1.89	<0.5
HH21-106853		2.06	<1	<1	<5	36	22	25	1.96	<0.5
HH21-106854		2.22	<1	<1	<5	59	22	27	2.03	<0.5
HH21-106855		1.34	<1	29	7	34	93	23	2.60	<0.5
HH21-106856		0.96	<1	145	17	18	499	55	9.93	<0.5
HH21-106857		2.02	2	269	30	86	539	64	9.49	<0.5
HH21-106858		1.99	6	127	18	101	465	58	8.25	<0.5
HH21-106859		2.25	3	131	18	66	518	60	8.39	<0.5
HH21-106860		2.14	13	377	27	174	519	58	7.54	<0.5
HH21-106861		1.17	<1	1	<5	1	2	<1	13.00	<0.5
HH21-106862		2.38	6	92	11	140	440	58	8.05	<0.5
HH21-106863		2.23	13	334	28	209	479	55	7.76	<0.5
HH21-106864		2.26	4	111	12	172	362	49	7.08	<0.5
HH21-106865		2.41	10	173	15	188	344	51	6.23	<0.5
HH21-106866		2.19	45	218	25	398	413	52	5.79	0.5
HH21-106867		2.28	220	1070	95	756	452	54	5.12	0.6
HH21-106868		2.17	12	144	20	185	393	73	8.13	<0.5
HH21-106869		2.29	57	661	60	407	639	77	8.23	<0.5
HH21-106870		2.36	33	482	50	289	553	85	9.44	<0.5
HH21-106871		0.07	1960	1700	217	8490	634	51	4.61	5.1
HH21-106872		2.28	26	183	29	185	348	55	6.44	<0.5
HH21-106873		1.85	7	137	23	126	370	65	7.66	<0.5
HH21-106874		2.59	15	193	22	160	386	63	6.88	<0.5
HH21-106875		2.51	29	349	34	207	452	68	7.43	<0.5
HH21-106876		0.07	141	607	274	4520	4370	114	3.92	2.5
HH21-106877		2.23	32	305	31	184	399	62	6.73	0.5
HH21-106878		2.31	23	261	32	185	376	61	6.38	<0.5
HH21-106879		2.36	7	140	23	159	351	63	6.46	<0.5
HH21-106880		2.03	12	134	26	135	319	58	5.96	<0.5
HH21-106881		2.15	20	264	34	186	378	63	6.29	0.5
HH21-106882		2.30	42	678	69	245	410	57	5.70	<0.5
HH21-106883		2.36	53	663	76	326	456	53	5.42	<0.5
HH21-106884		2.07	121	1560	268	370	661	74	8.74	0.5
HH21-106885		2.09	99	1220	221	304	453	36	4.35	<0.5
HH21-106886		2.78	32	497	47	174	460	51	6.42	0.5
HH21-106887		1.46	<1	<1	<5	31	8	8	0.57	<0.5
HH21-106888		2.15	<1	<1	<5	18	9	8	0.58	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21240312

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: 1
 Total # Pages: 2 (A)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: MZI

CERTIFICATE TB21243887

Project: 18-101
 P.O. No.: 182449
 This report is for 36 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21243887

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106992		1.40	2	1	<5	116	378	65	8.53	0.05	6.43	<0.5
HH21-106993		1.34	3	120	16	207	535	82	9.92	0.15	8.00	<0.5
HH21-106994		1.21	1	19	<5	95	421	71	9.38	0.05	7.02	<0.5
HH21-106995		1.27	<1	<1	<5	98	437	72	9.71	0.07	6.91	<0.5
HH21-106996		1.25	<1	<1	<5	76	417	71	9.56	0.05	6.89	<0.5
HH21-106997		1.42	1	<1	<5	79	423	71	9.66	0.05	6.87	<0.5
HH21-106998		1.34	<1	<1	<5	78	391	68	9.22	0.06	6.57	<0.5
HH21-106999		0.07	77	632	329	4690	4530	118	4.14	1.74	15.10	1.9
HH21-107000		1.31	1	<1	<5	100	436	74	10.05	0.06	7.18	<0.5
HH21-107001		1.36	1	<1	<5	107	443	72	9.84	0.07	7.00	<0.5
HH21-107002		1.30	<1	<1	<5	68	411	69	9.74	0.05	6.77	<0.5
HH21-107003		1.46	<1	<1	<5	97	435	73	9.90	0.07	6.92	<0.5
HH21-107004		1.10	1	<1	<5	79	420	69	9.39	0.04	6.67	<0.5
HH21-107005		1.50	1	<1	<5	63	325	55	7.32	0.04	5.54	<0.5
HH21-107006		1.11	1	<1	<5	96	401	66	8.51	0.15	6.45	<0.5
HH21-107007		1.26	<1	<1	<5	95	485	75	10.05	0.08	7.04	<0.5
HH21-107008		1.19	2	<1	<5	133	507	78	10.60	0.08	7.28	<0.5
HH21-107009		1.54	<1	<1	<5	1	1	1	13.10	0.01	0.10	<0.5
HH21-107010		1.34	1	8	<5	83	434	74	9.68	0.07	7.08	<0.5
HH21-107011		1.27	9	52	<5	215	347	62	6.24	0.15	6.35	<0.5
HH21-107012		1.23	3	55	<5	92	353	62	7.60	0.07	6.70	<0.5
HH21-107013		1.20	2	10	<5	73	434	73	9.80	0.03	7.11	<0.5
HH21-107014		1.22	11	46	<5	162	438	74	8.76	0.07	7.16	<0.5
HH21-107015		1.14	5	13	<5	103	266	49	5.21	0.06	5.48	<0.5
HH21-107016		0.78	4	32	<5	125	358	59	5.93	0.07	5.65	<0.5
HH21-107017		1.62	<1	16	<5	67	98	35	2.63	0.14	7.05	<0.5
HH21-107018		1.64	<1	2	<5	29	476	81	11.40	0.01	7.63	<0.5
HH21-107019		1.49	1	100	10	58	372	63	7.93	0.10	7.36	<0.5
HH21-107020		0.07	1930	1670	219	8610	628	50	4.54	2.01	7.43	4.5
HH21-107021		1.25	2	3	<5	85	325	66	7.96	0.10	7.41	<0.5
HH21-107022		1.31	<1	1	<5	15	402	69	9.77	<0.01	6.69	<0.5
HH21-107023		1.17	6	10	<5	103	570	87	12.20	0.03	8.02	<0.5
HH21-107024		1.24	5	73	8	82	517	82	11.90	0.02	7.74	<0.5
HH21-107025		1.16	3	3	<5	43	487	81	11.90	0.01	7.68	<0.5
HH21-107026		1.42	7	71	8	97	468	75	10.50	0.02	7.00	<0.5
HH21-107027		1.27	28	262	29	486	535	77	6.53	0.30	7.14	<0.5



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 Account: **MZI**

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243887

	CERTIFICATE COMMENTS								
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 17%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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 Total # Pages: 2 (A)
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 Finalized Date: 3-OCT-2021
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CERTIFICATE TB21243888

Project: 18-101
 P.O. No.: 182449
 This report is for 11 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21243888

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-106343		1.25	1	<1	<5	1	<1	1	12.55	<0.01	0.10	<0.5
HH21-106344		1.11	1	<1	<5	137	27	25	1.24	0.20	4.89	<0.5
HH21-106345		1.11	20	11	<5	875	64	32	1.45	0.38	4.83	<0.5
HH21-106346		1.22	<1	<1	<5	53	17	23	1.23	0.08	6.35	<0.5
HH21-106347		1.03	<1	<1	<5	54	15	25	1.26	0.09	6.66	<0.5
HH21-106348		1.34	1	<1	<5	165	17	26	1.36	0.11	6.76	<0.5
HH21-106349		0.85	<1	<1	<5	119	59	31	1.94	0.15	6.57	<0.5
HH21-106350		1.55	3	7	<5	98	392	65	7.95	0.06	6.41	<0.5
HH21-106351		1.38	5	129	<5	147	460	69	8.70	0.10	6.69	<0.5
HH21-106352		1.22	1	<1	<5	102	432	69	9.15	0.04	6.59	<0.5
HH21-106353		1.28	3	1	<5	140	454	71	9.14	0.06	6.78	<0.5



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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243888

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-QC	SPL-21	WEI-21
			PUL-35
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 3-OCT-2021
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CERTIFICATE TB21243889

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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.

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Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21243889

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106889		1.48	2	4	<5	1	1	1	13.00	<0.5
HH21-106890		1.93	1	1	<5	9	10	9	0.67	<0.5
HH21-106891		1.69	7	4	<5	59	16	8	0.76	<0.5
HH21-106892		2.46	69	1040	110	454	691	50	5.86	<0.5
HH21-106893		2.14	183	2060	157	1230	833	46	4.37	0.7
HH21-106894		2.08	178	2490	177	1490	958	60	5.85	0.7
HH21-106895		2.10	125	624	61	725	474	49	5.90	<0.5
HH21-106896		2.22	36	486	67	274	471	51	5.78	<0.5
HH21-106897		2.18	171	2690	178	1420	1210	67	5.41	0.7
HH21-106898		2.11	58	2490	147	728	1320	69	4.87	0.6
HH21-106899		0.07	4890	2020	1300	90	88	65	0.25	0.7
HH21-106900		2.37	28	637	43	396	539	55	5.17	<0.5
HH21-106901		2.05	52	231	5	312	319	53	4.29	<0.5
HH21-106902		2.53	194	2680	278	1220	1200	72	5.91	0.7
HH21-106903		2.32	100	880	99	500	496	51	5.28	<0.5
HH21-106904		2.18	115	1210	173	698	757	60	5.85	<0.5
HH21-106905		2.36	107	1100	106	623	692	58	5.84	0.5
HH21-106906		2.24	28	867	96	374	462	35	3.68	<0.5
HH21-106907		2.24	30	985	93	406	531	36	3.46	<0.5
HH21-106908		2.15	16	548	63	178	352	36	4.00	<0.5
HH21-106909		2.32	109	2450	174	844	1400	71	4.81	1.2
HH21-106910		2.16	141	674	102	512	418	41	4.56	<0.5
HH21-106911		2.12	113	1230	53	767	709	50	4.91	0.6
HH21-106912		2.34	66	386	41	328	334	47	5.06	<0.5
HH21-106913		2.99	13	84	17	146	273	45	5.08	<0.5
HH21-106914		1.39	7	111	8	58	78	16	1.31	<0.5
HH21-106915		0.07	92	605	304	4710	4520	118	4.02	2.1
HH21-106916		2.20	3	12	<5	40	17	7	0.58	<0.5
HH21-106917		1.99	4	32	<5	18	8	6	0.61	<0.5
HH21-106918		2.19	3	17	<5	28	14	6	0.54	<0.5
HH21-106919		2.09	2	9	<5	13	7	8	0.61	<0.5
HH21-106920		2.20	1	3	<5	7	4	7	0.63	<0.5
HH21-106921		1.87	1	2	<5	23	2	7	0.58	<0.5
HH21-106922		2.44	1	1	<5	12	4	8	0.61	<0.5
HH21-106923		1.55	2	2	<5	22	7	8	0.64	<0.5
HH21-106924		1.76	3	1	<5	16	22	9	0.83	<0.5
HH21-106925		2.13	8	66	5	68	51	15	1.48	<0.5
HH21-106926		2.11	18	249	20	200	88	22	1.75	<0.5
HH21-106927		2.15	2	2	<5	53	18	18	1.63	<0.5
HH21-106928		1.65	12	1	<5	250	20	23	1.46	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 3-OCT-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243889

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106929		2.18	5	1	<5	345	16	23	1.42	<0.5
HH21-106930		2.12	3	1	<5	163	13	21	1.45	<0.5
HH21-106931		2.00	2	1	<5	111	20	21	1.57	<0.5
HH21-106932		2.16	2	<1	<5	77	17	21	1.69	<0.5
HH21-106933		1.93	1	1	<5	49	17	20	1.72	<0.5
HH21-106934		1.98	1	1	<5	39	8	13	1.17	<0.5
HH21-106935		1.24	1	1	<5	2	1	<1	13.25	<0.5
HH21-106936		1.87	1	1	<5	34	6	9	0.89	<0.5
HH21-106937		1.99	5	<1	<5	250	11	17	1.03	<0.5
HH21-106938		2.14	1	1	<5	40	17	21	1.92	<0.5
HH21-106939		2.49	1	1	<5	36	19	21	1.81	<0.5
HH21-106940		1.90	1	1	<5	79	18	20	1.74	<0.5
HH21-106941		2.30	2	1	<5	99	20	25	1.84	<0.5
HH21-106942		2.59	1	1	<5	88	21	22	1.89	<0.5
HH21-106943		1.43	1	1	<5	6	9	3	0.28	<0.5
HH21-106944		2.17	1	<1	<5	13	12	6	0.67	<0.5
HH21-106945		2.06	1	1	<5	1	8	3	0.43	<0.5
HH21-106946		0.07	2020	1710	218	8730	669	51	4.79	5.0
HH21-106947		2.01	2	3	<5	13	11	3	0.49	<0.5
HH21-106948		2.05	1	1	<5	4	11	4	0.51	<0.5
HH21-106949		2.03	3	133	15	57	115	12	1.62	<0.5
HH21-106950		2.34	19	339	34	188	373	48	5.50	<0.5
HH21-106951		2.65	165	1580	120	770	601	52	5.18	1.0
HH21-106952		2.48	146	1910	307	627	768	69	7.57	<0.5
HH21-106953		2.28	133	3240	380	869	1705	57	5.55	1.2
HH21-106954		2.53	30	367	47	157	477	50	7.01	<0.5
HH21-106955		2.43	26	257	47	109	397	49	6.46	<0.5
HH21-106956		2.57	28	351	79	115	377	50	6.01	<0.5
HH21-106957		2.45	93	951	158	376	552	50	6.24	<0.5
HH21-106958		2.55	51	551	116	182	421	43	5.79	<0.5
HH21-106959		2.44	142	1320	131	530	746	54	5.86	<0.5
HH21-106960		2.52	146	1620	128	1150	840	55	5.66	0.5
HH21-106961		1.92	19	125	28	116	335	49	6.15	<0.5
HH21-106962		1.99	56	233	33	269	396	50	5.73	<0.5
HH21-106963		2.49	3	22	<5	71	51	16	1.29	<0.5
HH21-106964		2.71	31	1070	79	600	682	52	5.44	0.6
HH21-106965		0.07	76	596	282	4650	4640	120	4.19	2.3
HH21-106966		2.33	12	640	57	217	508	45	4.56	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 3-OCT-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243889

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Total # Pages: 3 (A)
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 Finalized Date: 3-OCT-2021
 Account: MZI

CERTIFICATE TB21243894

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21243894

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
	Units	kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
	LOD	0.02	1	1	5	1	1	1	0.01	0.5
HH21-106655		1.15	1	2	<5	2	<1	1	12.10	<0.5
HH21-106656		2.38	12	44	15	124	312	59	6.12	<0.5
HH21-106657		2.08	7	37	10	83	238	44	4.66	<0.5
HH21-106658		2.16	13	76	12	122	394	67	7.23	<0.5
HH21-106659		2.03	13	94	16	121	452	74	8.16	<0.5
HH21-106660		2.19	15	111	19	142	492	77	9.15	<0.5
HH21-106661		2.20	13	97	17	116	401	62	7.12	<0.5
HH21-106662		2.25	10	113	19	117	430	69	8.04	<0.5
HH21-106663		2.23	9	125	24	113	461	71	8.47	<0.5
HH21-106664		2.20	7	141	21	98	454	69	8.21	<0.5
HH21-106665		2.25	11	106	16	109	488	72	9.04	<0.5
HH21-106666		2.02	10	130	15	96	482	71	8.94	<0.5
HH21-106667		2.10	11	227	22	117	541	75	9.35	<0.5
HH21-106668		2.16	7	118	12	96	486	71	9.08	<0.5
HH21-106669		2.02	6	39	9	84	367	52	6.68	<0.5
HH21-106670		2.16	9	32	13	100	323	50	6.26	<0.5
HH21-106671		2.22	3	35	9	102	317	52	6.07	<0.5
HH21-106672		2.23	6	87	12	112	287	48	5.28	<0.5
HH21-106673		2.09	5	51	11	72	299	43	5.29	<0.5
HH21-106674		2.71	8	34	14	100	297	47	5.49	<0.5
HH21-106675		1.47	8	43	14	87	317	46	5.63	<0.5
HH21-106676		2.15	8	37	13	93	320	50	6.09	<0.5
HH21-106677		0.07	4780	2040	1320	91	87	65	0.27	0.7
HH21-106678		2.17	7	36	12	92	329	51	6.32	<0.5
HH21-106679		2.24	6	27	12	91	320	48	5.84	<0.5
HH21-106680		2.11	6	30	13	82	320	50	5.85	<0.5
HH21-106681		2.11	6	30	14	90	331	51	6.15	<0.5
HH21-106682		2.18	4	68	15	64	294	46	5.35	<0.5
HH21-106683		2.15	7	52	17	104	288	47	5.25	<0.5
HH21-106684		0.07	86	603	308	4430	4300	111	3.84	1.8
HH21-106685		2.02	5	67	16	78	288	45	5.21	<0.5
HH21-106686		2.59	3	65	8	66	216	32	3.65	<0.5
HH21-106687		1.69	8	117	27	68	320	45	5.38	<0.5
HH21-106688		2.19	7	53	20	75	305	47	5.62	<0.5
HH21-106689		2.27	6	55	21	62	295	44	5.23	<0.5
HH21-106690		2.30	6	65	20	78	324	50	5.84	<0.5
HH21-106691		2.19	6	48	16	75	310	47	5.58	<0.5
HH21-106692		2.12	3	39	14	39	248	38	4.64	<0.5
HH21-106693		2.06	4	49	21	58	309	48	5.70	<0.5
HH21-106694		2.54	7	2	<5	152	71	39	2.52	<0.5



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Page: 3 - A
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243894

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106695		1.28	1	1	<5	1	1	1	12.80	<0.5
HH21-106696		2.24	3	1	<5	124	62	41	2.60	<0.5
HH21-106697		2.13	5	<1	<5	115	24	21	1.21	<0.5
HH21-106698		1.61	5	3	<5	98	20	22	1.20	<0.5
HH21-106699		2.46	5	64	21	71	302	47	5.53	<0.5
HH21-106700		3.34	6	45	14	70	237	41	4.57	<0.5
HH21-106701		3.11	7	56	21	86	319	47	5.77	<0.5
HH21-106702		2.16	6	57	24	82	311	46	5.68	<0.5
HH21-106703		2.06	9	58	23	111	300	47	5.61	<0.5
HH21-106704		2.08	6	48	17	87	321	49	5.92	<0.5
HH21-106705		2.28	7	64	25	90	313	48	5.70	<0.5
HH21-106706		2.13	7	61	24	88	332	50	5.96	<0.5
HH21-106707		2.18	7	63	26	92	336	51	6.20	<0.5
HH21-106708		2.23	9	62	26	100	327	50	5.99	<0.5
HH21-106709		2.25	12	143	29	109	342	49	5.80	<0.5
HH21-106710		2.51	8	55	23	91	320	50	5.98	<0.5
HH21-106711		2.23	7	59	22	89	318	48	5.88	<0.5
HH21-106712		2.43	7	62	30	94	326	51	6.12	<0.5
HH21-106713		0.07	1930	1700	229	8720	647	51	4.57	4.6
HH21-106714		2.30	9	57	26	103	333	52	6.42	<0.5
HH21-106715		2.60	18	122	33	253	419	67	7.50	<0.5
HH21-106716		2.26	12	122	49	134	399	67	7.20	<0.5
HH21-106717		2.42	7	104	45	97	385	59	6.83	<0.5
HH21-106718		2.29	7	79	29	96	385	59	7.09	<0.5
HH21-106719		2.32	4	53	15	90	369	55	6.85	<0.5
HH21-106720		0.07	90	630	307	4420	4400	113	3.90	3.1
HH21-106721		2.55	5	35	13	95	340	50	6.20	<0.5
HH21-106722		2.15	9	176	17	162	410	59	6.58	<0.5
HH21-106723		2.15	17	237	42	152	438	67	7.00	<0.5
HH21-106724		2.59	10	108	23	111	372	56	6.62	<0.5
HH21-106725		2.20	8	103	25	92	324	48	5.88	<0.5
HH21-106726		2.23	8	137	28	107	372	58	6.99	<0.5
HH21-106727		2.22	8	156	30	111	380	59	7.11	<0.5
HH21-106728		2.29	8	144	36	109	383	62	7.22	<0.5
HH21-106729		2.36	14	176	42	100	420	61	7.24	<0.5
HH21-106730		2.15	8	180	41	79	407	58	7.32	<0.5
HH21-106731		2.46	7	195	52	93	414	62	7.74	<0.5
HH21-106732		2.42	6	151	48	91	395	59	7.38	<0.5



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Page: Appendix 1
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 Finalized Date: 3-OCT-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243894

	CERTIFICATE COMMENTS										
<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Applies to Method:</p>	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> <p>Applies to Method:</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21	ME-ICP61	PGM-ICP23
CRU-32	CRU-QC	LOG-21	LOG-23								
PUL-35	PUL-QC	SPL-21	WEI-21								
ME-ICP61	PGM-ICP23										



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 Total # Pages: 3 (A)
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 Finalized Date: 7-OCT-2021
 Account: MZI

CERTIFICATE TB21243895

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21243895

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106733		1.22	<1	<1	<5	4	2	<1	13.35	<0.5
HH21-106734		2.59	8	151	45	86	401	59	7.52	<0.5
HH21-106735		2.38	9	178	52	97	397	58	7.28	<0.5
HH21-106736		2.26	12	158	60	87	386	55	6.97	<0.5
HH21-106737		2.27	15	141	57	89	373	55	6.81	<0.5
HH21-106738		2.32	28	129	52	95	358	53	6.56	<0.5
HH21-106739		2.01	9	139	55	87	362	54	6.72	<0.5
HH21-106740		2.26	9	144	51	113	359	56	6.56	<0.5
HH21-106741		2.15	14	164	55	116	347	53	6.16	<0.5
HH21-106742		2.16	14	145	54	110	341	53	6.12	<0.5
HH21-106743		2.24	13	120	44	81	298	49	5.80	<0.5
HH21-106744		2.15	11	56	18	70	298	49	5.76	<0.5
HH21-106745		2.27	11	63	21	96	309	52	6.02	<0.5
HH21-106746		0.07	5230	2040	1300	90	88	66	0.27	0.7
HH21-106747		2.17	10	61	17	81	299	51	5.77	<0.5
HH21-106748		2.19	10	85	21	93	352	59	6.43	<0.5
HH21-106749		2.09	9	96	21	103	355	60	6.76	<0.5
HH21-106750		2.01	14	86	26	92	347	55	6.56	<0.5
HH21-106751		2.27	14	124	32	89	341	53	6.43	<0.5
HH21-106752		1.96	13	110	37	81	351	55	6.63	<0.5
HH21-106753		2.14	17	192	40	96	344	53	6.27	<0.5
HH21-106754		2.36	22	159	36	121	388	57	6.81	<0.5
HH21-106755		2.72	14	93	31	109	381	62	7.37	<0.5
HH21-106756		1.74	27	100	18	131	412	60	7.45	<0.5
HH21-106757		1.50	22	85	17	134	393	60	7.11	<0.5
HH21-106758		0.07	58	605	288	4680	4570	121	4.15	2.0
HH21-106759		2.66	13	80	19	82	270	38	4.55	<0.5
HH21-106760		2.14	21	240	39	123	386	57	6.80	<0.5
HH21-106761		2.21	44	603	73	241	546	63	7.64	<0.5
HH21-106762		2.50	217	3010	222	1070	1390	75	7.14	0.7
HH21-106763		2.36	157	1480	141	625	847	60	6.49	0.5
HH21-106764		2.40	234	1480	173	654	889	68	8.17	<0.5
HH21-106765		2.24	265	2830	263	1230	1470	78	7.87	0.5
HH21-106766		2.26	82	719	80	359	572	60	7.45	0.5
HH21-106767		2.11	671	2430	168	1220	1210	69	6.48	0.7
HH21-106768		2.20	112	1860	129	699	1110	65	5.93	<0.5
HH21-106769		2.29	30	479	49	234	482	55	6.53	<0.5
HH21-106770		2.19	48	1200	106	336	701	56	6.55	0.5
HH21-106771		2.24	69	894	84	334	647	53	6.10	<0.5
HH21-106772		2.19	64	731	68	291	580	54	6.04	<0.5



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 Account: MZI

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CERTIFICATE OF ANALYSIS TB21243895

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106773		2.17	46	709	165	236	576	68	8.55	<0.5
HH21-106774		2.29	19	439	74	216	438	52	5.88	<0.5
HH21-106775		2.18	44	2020	455	444	620	41	4.12	<0.5
HH21-106776		2.28	60	1370	240	261	464	43	4.93	<0.5
HH21-106777		1.33	<1	2	<5	2	<1	1	13.25	<0.5
HH21-106778		2.17	40	482	54	228	547	54	6.58	<0.5
HH21-106779		2.25	36	556	45	196	452	47	5.09	<0.5
HH21-106780		2.13	47	598	70	216	434	50	5.40	<0.5
HH21-106781		2.19	43	368	40	248	401	51	4.91	<0.5
HH21-106782		2.17	70	9	<5	211	196	60	4.66	<0.5
HH21-106783		2.07	16	225	18	215	319	53	4.86	<0.5
HH21-106784		2.22	14	1620	135	197	1015	64	5.55	<0.5
HH21-106785		2.26	7	1240	118	98	634	53	5.12	<0.5
HH21-106786		2.33	136	1590	153	508	673	52	4.77	0.5
HH21-106787		2.19	33	1930	144	543	1010	60	4.85	<0.5
HH21-106788		2.33	220	3920	300	1165	1310	67	5.16	0.8
HH21-106789		2.13	263	3660	320	1880	1655	81	5.77	1.2
HH21-106790		2.40	148	2980	246	1295	1425	77	5.40	0.5
HH21-106791		1.69	29	1240	109	383	537	35	2.85	0.6
HH21-106792		2.33	22	735	59	277	479	43	3.98	<0.5
HH21-106793		2.28	3	42	11	44	215	33	3.72	<0.5
HH21-106794		2.18	1	95	20	23	278	35	4.14	<0.5
HH21-106795		2.50	3	340	46	46	276	31	3.45	<0.5
HH21-106796		0.07	1860	1690	244	8700	636	50	4.46	4.7
HH21-106797		2.94	3	49	13	55	224	36	3.87	<0.5
HH21-106798		1.58	3	60	9	53	290	43	5.34	<0.5
HH21-106799		2.29	16	269	37	118	359	42	4.48	<0.5
HH21-106800		2.18	144	486	32	456	531	51	3.77	<0.5
HH21-106801		2.37	4	257	21	135	220	32	1.95	<0.5
HH21-106802		0.07	78	623	298	4630	4510	118	4.02	1.9
HH21-106803		2.07	1	6	<5	125	130	36	2.37	<0.5
HH21-106804		3.38	3	3	<5	160	87	38	2.16	<0.5
HH21-106805		1.28	1	1	<5	84	28	36	1.96	<0.5
HH21-106806		2.44	<1	1	<5	42	15	31	1.94	<0.5
HH21-106807		2.31	<1	1	<5	50	19	31	1.85	<0.5
HH21-106808		2.35	<1	<1	<5	33	18	30	1.79	<0.5
HH21-106809		2.41	1	1	<5	49	17	24	1.62	<0.5
HH21-106810		2.24	<1	<1	<5	27	18	24	1.66	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 7-OCT-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21243895

CERTIFICATE COMMENTS													
	LABORATORY ADDRESSES												
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>LOG-23</td> </tr> <tr> <td></td> <td></td> <td></td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21		PUL-35	PUL-QC	SPL-21	LOG-23				WEI-21
CRU-32	CRU-QC	LOG-21											
PUL-35	PUL-QC	SPL-21	LOG-23										
			WEI-21										
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23										
ME-ICP61	PGM-ICP23												



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 13-OCT-2021
 Account: MZI

CERTIFICATE TB21245447

Project: 18-101
 P.O. No.: 182449
 This report is for 67 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21245447

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
HH21-106354		2.70	4	534	120	37	465	35	3.63	<0.5
HH21-106355		2.38	6	344	47	122	623	61	7.38	<0.5
HH21-106356		2.23	21	578	68	502	430	46	4.97	0.5
HH21-106357		2.24	49	932	120	365	587	33	2.74	<0.5
HH21-106358		2.47	39	575	80	521	392	35	3.69	<0.5
HH21-106359		2.40	58	390	52	1720	257	45	3.07	1.5
HH21-106360		2.16	11	831	123	86	361	23	2.54	<0.5
HH21-106361		2.40	46	744	97	349	670	40	4.32	<0.5
HH21-106362		0.07	4860	1980	1280	89	85	63	0.26	0.8
HH21-106363		2.43	251	1120	139	1795	1800	75	5.09	0.8
HH21-106364		2.43	76	1040	118	975	780	68	5.55	0.8
HH21-106365		2.47	75	903	130	589	687	64	7.16	<0.5
HH21-106366		2.23	48	723	92	263	703	73	9.91	<0.5
HH21-106367		0.07	84	584	287	4660	4440	117	4.09	2.0
HH21-106368		2.30	41	369	66	192	577	70	9.37	<0.5
HH21-106369		2.55	68	567	91	418	665	63	8.10	<0.5
HH21-106370		2.51	19	322	73	151	537	69	9.32	<0.5
HH21-106371		2.45	47	576	94	227	624	66	9.17	<0.5
HH21-106372		2.44	99	835	131	478	829	72	8.83	<0.5
HH21-106373		2.53	495	2990	285	1790	1460	80	4.80	1.0
HH21-106374		2.61	269	2450	185	1120	1075	59	4.00	0.6
HH21-106375		2.25	108	778	118	551	643	57	6.14	<0.5
HH21-106376		2.34	117	966	130	509	741	57	5.73	<0.5
HH21-106377		2.40	171	1100	90	755	927	67	6.42	<0.5
HH21-106378		2.15	91	549	56	453	677	61	6.36	<0.5
HH21-106379		2.40	84	379	42	385	492	47	5.38	<0.5
HH21-106380		2.45	24	164	28	199	414	50	6.50	<0.5
HH21-106381		2.42	6	54	10	83	320	38	5.05	<0.5
HH21-106382		2.41	10	113	12	244	305	37	4.21	<0.5
HH21-106383		2.32	33	766	72	427	590	40	3.40	<0.5
HH21-106384		2.63	7	213	50	87	411	52	6.75	<0.5
HH21-106385		2.30	6	288	79	64	370	47	6.02	<0.5
HH21-106386		2.14	5	299	82	51	359	44	5.30	<0.5
HH21-106387		0.96	<1	<1	<5	2	1	<1	14.15	<0.5
HH21-106388		2.36	7	380	86	97	368	41	5.12	<0.5
HH21-106389		2.32	10	558	103	144	487	45	4.61	<0.5
HH21-106390		2.27	8	322	88	97	312	38	4.26	<0.5
HH21-106391		2.60	31	410	61	300	420	53	5.02	<0.5
HH21-106392		2.41	28	613	91	441	549	57	5.29	0.5
HH21-106393		2.38	13	474	65	113	377	46	5.50	<0.5



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21245447

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106394		2.34	12	425	44	209	519	52	6.45	<0.5
HH21-106395		2.25	20	311	70	187	420	47	5.70	<0.5
HH21-106396		2.34	105	604	108	873	1010	59	6.01	0.5
HH21-106397		2.22	67	1480	142	705	1065	60	5.54	0.8
HH21-106398		2.33	11	767	96	233	561	51	5.21	<0.5
HH21-106399		2.39	16	355	81	139	308	43	5.16	<0.5
HH21-106400		2.27	24	588	101	281	414	37	3.79	<0.5
HH21-106401		2.45	103	1090	104	699	755	65	6.04	<0.5
HH21-106402		0.07	1940	1640	217	8940	663	51	4.75	5.2
HH21-106403		2.09	30	1140	129	294	608	51	4.92	<0.5
HH21-106404		2.57	17	221	69	150	314	33	3.94	<0.5
HH21-106405		2.24	105	1200	144	672	795	47	4.02	<0.5
HH21-106406		2.37	54	849	151	330	668	74	9.64	<0.5
HH21-106407		2.33	27	572	112	191	598	72	9.87	<0.5
HH21-106408		2.21	13	385	102	110	542	70	9.68	<0.5
HH21-106409		2.33	11	370	102	101	566	72	10.10	<0.5
HH21-106410		0.07	123	610	279	4550	4350	114	4.01	2.0
HH21-106411		2.30	10	386	106	100	545	69	9.87	<0.5
HH21-106412		2.44	12	377	90	129	523	65	8.96	<0.5
HH21-106413		2.06	5	337	80	76	499	64	8.70	<0.5
HH21-106414		2.42	9	279	62	102	466	59	7.93	<0.5
HH21-106415		2.30	3	181	77	51	413	52	6.96	<0.5
HH21-106416		2.24	4	225	80	53	415	53	7.28	<0.5
HH21-106417		2.30	14	179	46	107	531	68	9.89	<0.5
HH21-106418		2.26	11	200	42	103	545	70	10.40	<0.5
HH21-106419		2.16	15	331	66	83	503	64	8.74	<0.5
HH21-106420		2.33	36	476	74	125	582	69	9.59	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21245447

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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 Finalized Date: 16-OCT-2021
 Account: MZI

CERTIFICATE TB21255410

Project: 18-101
 P.O. No.: 182449
 This report is for 26 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 22-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21255410

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-106967		1.61	1	<1	<5	2	1	1	12.55	<0.5
HH21-106968		1.73	1	3	<5	43	34	17	1.08	<0.5
HH21-106969		1.62	1	1	<5	25	32	15	1.03	<0.5
HH21-106970		1.85	291	4260	432	1410	1980	92	6.20	<0.5
HH21-106971		2.44	10	407	56	81	302	37	4.20	<0.5
HH21-106972		2.41	9	70	12	119	208	33	3.64	<0.5
HH21-106973		2.42	4	32	6	62	211	33	3.85	<0.5
HH21-106974		2.57	39	1060	166	688	629	45	3.73	1.0
HH21-106975		2.08	7	48	13	65	180	30	3.26	<0.5
HH21-106976		2.38	<1	92	<5	48	54	17	1.06	<0.5
HH21-106977		2.39	3	35	<5	61	54	17	1.23	<0.5
HH21-106978		2.14	25	464	50	129	340	44	5.10	<0.5
HH21-106979		2.58	21	99	15	142	245	40	5.66	<0.5
HH21-106980		2.36	17	257	24	163	339	43	4.99	<0.5
HH21-106981		2.32	1	21	<5	26	16	6	0.47	<0.5
HH21-106982		0.07	4580	2010	1280	86	82	62	0.25	0.9
HH21-106983		2.45	12	148	6	54	48	6	0.32	<0.5
HH21-106984		2.32	5	132	10	46	30	5	0.54	<0.5
HH21-106985		2.33	5	79	7	19	13	6	0.52	<0.5
HH21-106986		2.66	2	26	<5	34	6	7	0.50	<0.5
HH21-106987		2.53	2	18	<5	51	9	9	0.59	<0.5
HH21-106988		1.97	1	1	<5	67	12	14	0.90	<0.5
HH21-106989		2.13	<1	<1	<5	17	14	14	1.15	<0.5
HH21-106990		2.00	1	<1	<5	69	12	13	1.01	<0.5
HH21-106991		1.85	1	<1	<5	85	13	15	1.01	<0.5
YY21-100000		0.07	70	598	298	4340	4210	114	3.85	1.8



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21255410

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21255411

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 22-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21255411

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107028		1.85	1	<1	<5	3	3	<1	13.10	0.01	0.10	<0.5
HH21-107029		1.94	1	<1	<5	35	8	8	0.80	0.10	2.39	<0.5
HH21-107030		2.29	<1	<1	<5	41	9	8	0.77	0.25	2.66	<0.5
HH21-107031		2.35	1	<1	<5	69	2	6	0.48	0.54	2.12	<0.5
HH21-107032		2.23	2	<1	<5	27	7	9	0.67	0.44	2.43	<0.5
HH21-107033		2.10	15	15	<5	37	45	33	1.89	0.74	3.37	<0.5
HH21-107034		1.28	14	370	51	47	425	38	8.37	0.09	4.94	<0.5
HH21-107035		1.70	17	440	46	42	370	44	6.45	0.22	4.21	<0.5
HH21-107036		1.17	59	1080	130	614	713	59	10.20	0.14	6.62	<0.5
HH21-107037		3.35	161	1120	148	523	925	95	11.15	0.32	9.23	<0.5
HH21-107038		3.69	345	2730	353	916	1200	109	11.40	0.41	10.55	<0.5
HH21-107039		0.07	4930	2030	1300	90	87	63	0.27	0.02	2.29	0.7
HH21-107040		2.46	340	2870	388	1030	1260	102	11.30	0.33	8.60	<0.5
HH21-107041		2.27	167	1960	246	495	768	68	7.98	0.20	5.90	<0.5
HH21-107042		2.17	145	1140	197	431	778	77	9.39	0.25	6.62	<0.5
HH21-107043		2.27	305	2630	326	814	1140	89	11.10	0.25	7.36	<0.5
HH21-107044		1.95	313	2660	319	943	1220	83	9.66	0.32	6.42	<0.5
HH21-107045		2.26	216	2140	264	735	899	71	8.09	0.14	5.79	<0.5
HH21-107046		1.89	63	717	94	225	686	84	11.15	0.06	7.27	<0.5
HH21-107047		3.11	176	1220	215	352	654	71	8.68	0.06	6.42	<0.5
HH21-107048		3.39	80	574	132	159	542	73	9.14	0.03	7.10	<0.5
HH21-107049		3.24	147	1090	175	476	780	74	8.91	0.13	7.32	<0.5
HH21-107050		2.51	268	1760	248	1040	1260	88	9.60	0.28	7.67	0.7
HH21-107051		2.68	169	1160	182	632	982	85	9.81	0.15	7.71	<0.5
HH21-107052		2.92	197	1180	190	580	851	79	9.50	0.15	7.12	<0.5
HH21-107053		2.69	36	212	57	95	409	54	6.86	0.05	5.45	<0.5
HH21-107054		2.77	144	723	143	319	680	77	9.48	0.09	7.43	<0.5
HH21-107055		0.07	112	615	297	4440	4270	116	3.92	1.62	14.25	2.0
HH21-107056		2.75	319	1040	235	543	790	79	9.04	0.16	7.52	<0.5
HH21-107057		3.29	386	2140	347	1040	1220	85	9.29	0.25	7.44	0.5
HH21-107058		2.71	302	1460	246	809	1050	86	9.72	0.20	7.78	<0.5
HH21-107059		3.88	289	1200	215	702	940	83	10.15	0.15	7.82	<0.5
HH21-107060		3.00	59	276	76	152	500	70	8.98	0.04	7.12	<0.5
HH21-107061		2.13	52	216	46	176	591	77	9.56	0.05	7.70	<0.5
HH21-107062		2.63	64	253	60	197	612	77	9.81	0.05	7.38	<0.5
HH21-107063		2.26	41	187	45	163	567	71	9.31	0.05	7.20	<0.5
HH21-107064		2.79	57	331	61	213	602	68	9.00	0.07	7.03	<0.5
HH21-107065		2.35	75	606	92	271	665	73	9.42	0.09	7.26	<0.5
HH21-107066		2.67	82	698	109	321	732	75	9.52	0.08	7.51	<0.5
HH21-107067		2.83	60	423	77	209	678	72	9.62	0.05	6.92	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB21255411

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107068		2.82	24	201	44	118	595	75	10.05	0.03	7.12	<0.5
HH21-107069		3.00	42	322	58	192	643	77	10.25	0.05	7.26	<0.5
HH21-107070		2.79	37	201	49	189	641	76	10.10	0.04	7.14	<0.5
HH21-107071		1.79	<1	<1	<5	2	<1	<1	12.05	0.02	0.14	<0.5
HH21-107072		3.30	26	155	33	127	605	75	10.30	0.03	7.31	<0.5
HH21-107073		2.80	48	248	49	187	598	71	9.71	0.04	6.83	<0.5
HH21-107074		2.81	34	224	47	144	515	64	8.67	0.03	6.21	<0.5
HH21-107075		2.67	37	239	50	119	566	71	9.79	0.03	6.87	<0.5
HH21-107076		2.81	41	244	46	172	548	68	9.27	0.03	6.59	<0.5
HH21-107077		2.33	31	263	48	164	574	72	9.74	0.03	6.83	<0.5
HH21-107078		2.90	26	148	37	126	564	70	9.55	0.03	6.62	<0.5
HH21-107079		2.77	64	388	68	270	708	72	9.76	0.06	6.80	<0.5
HH21-107080		2.46	150	1420	197	521	946	65	8.27	0.14	5.80	<0.5
HH21-107081		2.79	382	3100	397	1080	1385	82	9.77	0.25	6.82	<0.5
HH21-107082		2.43	47	427	72	150	588	67	9.20	0.03	6.22	<0.5
HH21-107083		2.75	77	724	159	223	619	70	9.59	0.05	6.46	<0.5
HH21-107084		2.72	22	101	29	96	506	70	9.40	0.03	6.53	<0.5
HH21-107085		2.87	20	188	33	44	534	67	8.97	0.01	6.37	<0.5
HH21-107086		2.79	98	691	108	343	755	71	8.74	0.09	6.52	<0.5
HH21-107087		2.66	88	917	128	320	780	73	9.13	0.09	7.01	<0.5
HH21-107088		0.07	1980	1720	247	9010	644	51	4.63	2.04	7.41	4.6
HH21-107089		2.77	57	1240	172	221	783	80	10.60	0.08	7.11	<0.5
HH21-107090		2.58	10	191	43	50	529	71	9.82	0.03	6.41	<0.5
HH21-107091		2.71	14	142	26	54	524	68	9.25	0.02	6.06	<0.5
HH21-107092		2.50	113	3640	221	273	588	54	6.95	0.05	5.20	<0.5
HH21-107093		2.57	317	5030	471	712	1095	78	8.98	0.22	6.76	<0.5
HH21-107094		2.72	505	3750	512	1115	1600	98	11.75	0.31	8.48	<0.5
HH21-107095		2.18	190	1570	202	453	821	72	8.69	0.13	6.71	<0.5
HH21-107096		2.93	418	3640	541	1155	1555	96	10.80	0.33	7.59	<0.5
HH21-107097		2.72	309	2490	269	816	1085	81	9.28	0.20	6.86	<0.5
HH21-107098		2.62	372	3580	385	934	1305	78	8.37	0.29	6.89	0.5
HH21-107099		2.56	507	3410	424	1320	1480	90	8.84	0.37	6.78	0.6
HH21-107100		2.85	285	1380	190	415	798	71	8.65	0.11	5.97	<0.5
HH21-107101		2.87	418	3050	384	912	1310	88	10.35	0.27	7.45	<0.5
HH21-107102		2.86	285	2650	331	737	1160	79	9.36	0.21	6.72	<0.5
HH21-107103		0.07	99	626	318	4230	4130	111	3.75	1.57	13.75	1.8
HH21-107104		2.72	71	656	86	240	628	70	8.77	0.07	6.04	<0.5
HH21-107105		2.66	58	541	93	152	470	54	7.07	0.03	4.82	<0.5



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556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB21255411

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21255412

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 22-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21255412

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107106		1.28	2	<1	<5	1	<1	<1	12.35	0.02	0.10	<0.5
HH21-107107		1.99	26	290	34	114	494	67	9.13	0.03	6.02	<0.5
HH21-107108		1.77	9	110	19	57	490	69	9.76	0.01	6.29	<0.5
HH21-107109		2.15	31	332	82	105	557	70	9.81	0.02	6.30	<0.5
HH21-107110		2.12	122	1200	155	325	747	64	8.30	0.07	5.81	<0.5
HH21-107111		2.37	375	3430	407	1105	1225	71	6.88	0.30	5.56	<0.5
HH21-107112		1.79	99	1100	136	324	606	61	6.80	0.11	5.64	<0.5
HH21-107113		2.05	325	3230	380	998	1215	71	6.59	0.30	5.86	<0.5
HH21-107114		1.95	257	2230	264	743	957	64	6.45	0.20	5.73	<0.5
HH21-107115		2.01	478	3490	447	1125	1185	63	5.88	0.30	5.60	<0.5
HH21-107116		2.27	142	594	66	489	297	38	3.19	0.15	5.48	<0.5
HH21-107117		1.92	433	3080	395	1160	1220	77	8.12	0.32	7.18	<0.5
HH21-107118		2.01	391	3840	472	983	1370	82	8.75	0.30	6.52	<0.5
HH21-107119		0.07	4690	1980	1270	88	85	61	0.26	0.01	2.22	0.9
HH21-107120		1.51	217	2060	295	568	977	75	8.72	0.17	6.36	<0.5
HH21-107121		1.67	119	1620	214	363	758	62	7.66	0.09	5.46	<0.5
HH21-107122		1.46	12	265	47	47	624	76	9.61	0.01	6.57	<0.5
HH21-107123		1.56	249	3160	375	1185	1410	90	10.55	0.29	7.32	0.6
HH21-107124		1.99	137	1960	251	284	850	78	10.50	0.07	6.68	<0.5
HH21-107125		2.21	241	4590	689	528	1125	90	11.50	0.14	7.43	<0.5
HH21-107126		2.10	274	3580	509	457	1035	90	11.55	0.12	7.68	<0.5
HH21-107127		2.08	291	3570	493	888	993	75	7.69	0.27	6.42	<0.5
HH21-107128		2.05	136	1340	176	449	890	84	10.90	0.11	7.46	<0.5
HH21-107129		2.10	143	1280	191	455	803	85	11.10	0.12	7.42	<0.5
HH21-107130		1.84	454	4600	578	1395	1655	101	10.70	0.42	7.75	0.6
HH21-107131		2.54	618	6010	829	1610	1940	107	10.95	0.41	8.07	0.7
HH21-107132		0.07	98	618	303	4270	4140	110	3.78	1.56	13.70	2.0
HH21-107133		2.19	195	1860	239	562	1010	89	11.05	0.14	7.81	<0.5
HH21-107134		2.09	44	277	38	149	613	83	11.30	0.04	7.30	<0.5
HH21-107135		1.93	40	368	37	173	532	79	10.80	0.03	6.96	<0.5
HH21-107136		2.11	106	783	119	264	771	89	11.50	0.07	7.51	<0.5
HH21-107137		1.94	266	3070	310	609	1155	94	11.25	0.18	7.31	<0.5
HH21-107138		2.30	170	1260	163	391	899	90	11.55	0.18	7.74	<0.5
HH21-107139		2.38	42	454	55	156	667	82	10.80	0.05	7.50	<0.5
HH21-107140		2.05	159	1280	172	410	773	78	9.58	0.11	6.70	<0.5
HH21-107141		2.29	78	620	109	279	756	69	8.54	0.05	6.32	<0.5
HH21-107142		2.21	306	3840	534	1260	1465	72	6.56	0.36	5.29	0.8
HH21-107143		1.93	549	4640	568	1500	1840	97	9.89	0.44	7.25	0.6
HH21-107144		2.11	186	2480	301	665	1295	91	11.05	0.21	7.77	<0.5
HH21-107145		2.03	90	1660	219	545	1045	94	12.05	0.15	7.96	<0.5



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CERTIFICATE OF ANALYSIS TB21255412

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107146		1.89	43	1100	113	336	908	85	10.55	0.08	7.44	<0.5
HH21-107147		2.43	60	1100	120	413	789	80	9.64	0.08	7.17	<0.5
HH21-107148		1.97	48	267	27	208	626	84	10.65	0.03	7.60	<0.5
HH21-107149		2.32	380	3550	422	1195	1265	83	8.03	0.39	7.10	0.5
HH21-107150		2.00	358	2930	359	1045	1215	89	9.24	0.35	7.66	<0.5
HH21-107151		2.25	46	256	30	192	619	79	10.50	0.03	7.18	<0.5
HH21-107152		1.29	1	3	<5	2	2	<1	12.10	0.02	0.11	<0.5
HH21-107153		2.14	279	1990	354	734	924	78	8.33	0.14	6.20	<0.5
HH21-107154		1.28	90	883	112	434	609	64	7.94	0.08	6.19	<0.5
HH21-107155		3.12	16	177	25	157	178	30	4.08	0.19	4.93	<0.5
HH21-107156		2.45	12	202	31	41	218	29	3.54	0.01	3.36	<0.5
HH21-107157		2.36	8	170	27	33	244	33	3.87	0.01	3.26	<0.5
HH21-107158		2.30	10	161	38	36	239	33	3.82	0.01	3.28	<0.5
HH21-107159		2.03	43	766	118	165	638	78	10.00	0.05	7.35	<0.5
HH21-107160		2.38	23	665	96	91	581	75	9.96	0.02	7.07	<0.5
HH21-107161		2.20	11	612	86	42	496	66	8.88	0.01	6.26	<0.5
HH21-107162		1.96	8	249	47	31	469	66	9.09	0.01	6.17	<0.5
HH21-107163		0.07	1960	1660	233	8660	621	48	4.52	2.00	7.30	4.4
HH21-107164		2.16	23	695	100	114	541	72	9.43	0.03	6.74	<0.5
HH21-107165		2.06	23	408	62	125	346	51	6.44	0.05	5.25	<0.5
HH21-107166		2.07	14	524	79	46	544	74	10.00	0.01	6.78	<0.5
HH21-107167		2.11	101	2440	281	417	739	79	8.65	0.32	7.32	<0.5
HH21-107168		2.31	36	2130	288	235	746	84	9.27	0.28	7.75	<0.5
HH21-107169		2.06	9	95	25	101	295	69	6.67	0.36	6.66	<0.5
HH21-107170		2.46	5	98	23	109	347	64	8.14	0.14	7.06	<0.5
HH21-107171		2.16	4	118	29	53	503	78	10.70	0.02	7.25	<0.5
HH21-107172		2.28	3	194	40	30	510	77	10.75	0.01	7.14	<0.5
HH21-107173		2.27	7	218	46	53	497	77	10.30	0.02	7.05	<0.5
HH21-107174		2.21	20	844	61	136	536	76	10.20	0.04	6.97	<0.5
HH21-107175		2.49	8	150	38	61	480	71	9.86	0.02	6.69	<0.5
HH21-107176		2.17	9	141	34	61	519	74	9.97	0.02	6.86	<0.5
HH21-107177		2.09	8	318	67	47	507	77	10.45	0.02	6.95	<0.5
HH21-107178		0.07	94	616	320	4480	4320	113	3.93	1.58	14.25	1.9
HH21-107179		2.10	7	172	30	58	515	77	10.70	0.03	7.16	<0.5
HH21-107180		2.19	5	204	51	52	514	77	10.70	0.03	7.10	<0.5
HH21-107181		2.30	4	142	33	56	503	77	10.65	0.03	7.17	<0.5
HH21-107182		2.02	3	91	25	49	502	76	10.65	0.02	7.25	<0.5
HH21-107183		2.28	5	255	55	43	519	80	10.90	0.02	7.20	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 18-OCT-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21255412

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
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 Finalized Date: 25-OCT-2021
 Account: MZI

CERTIFICATE TB21257124

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21257124

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107184		1.73	2	3	<5	4	4	1	13.20	0.01	0.07	<0.5
HH21-107185		2.72	5	135	30	47	509	78	10.55	0.01	7.07	<0.5
HH21-107186		2.56	5	134	31	56	533	82	11.15	0.02	7.45	<0.5
HH21-107187		2.93	10	170	39	64	539	82	10.85	0.03	7.39	<0.5
HH21-107188		2.86	4	207	50	69	544	84	11.30	0.03	7.55	<0.5
HH21-107189		2.74	4	154	41	58	543	83	11.30	0.02	7.64	<0.5
HH21-107190		2.63	4	215	40	43	532	82	11.15	0.02	7.39	<0.5
HH21-107191		2.60	3	156	36	61	538	83	11.00	0.03	7.48	<0.5
HH21-107192		2.66	5	140	32	61	524	81	11.00	0.03	7.43	<0.5
HH21-107193		2.36	5	78	19	54	474	76	10.15	0.02	7.23	<0.5
HH21-107194		2.58	5	102	24	36	487	75	10.15	0.01	6.86	<0.5
HH21-107195		2.80	6	98	20	49	484	76	10.10	0.02	6.85	<0.5
HH21-107196		2.67	8	120	32	56	507	78	10.55	0.01	7.15	<0.5
HH21-107197		2.61	26	679	65	237	582	79	10.35	0.06	7.15	<0.5
HH21-107198		2.61	7	130	27	58	495	77	10.20	0.03	6.85	<0.5
HH21-107199		2.58	6	158	40	67	537	83	11.10	0.02	7.37	<0.5
HH21-107200		2.72	5	143	33	57	513	79	10.60	0.02	7.09	<0.5
HH21-107201		2.73	9	113	21	61	518	80	10.85	0.02	7.27	<0.5
HH21-107202		2.73	3	94	26	49	514	79	10.70	0.01	7.10	<0.5
HH21-107203		2.59	2	137	30	48	525	80	10.85	0.01	7.27	<0.5
HH21-107204		0.07	4820	2020	1280	91	87	64	0.26	0.01	2.30	0.6
HH21-107205		2.47	1	164	36	7	506	75	10.25	<0.01	6.79	<0.5
HH21-107206		2.39	67	1040	137	187	549	66	7.97	0.10	5.84	<0.5
HH21-107207		2.61	108	1030	146	266	704	86	10.85	0.09	7.76	<0.5
HH21-107208		2.33	9	115	33	59	418	67	8.18	0.02	6.10	<0.5
HH21-107209		2.87	14	142	37	77	451	69	8.73	0.02	6.43	<0.5
HH21-107210		2.91	59	650	95	177	605	86	10.40	0.07	8.11	<0.5
HH21-107211		2.70	64	713	103	183	634	88	10.75	0.07	8.36	<0.5
HH21-107212		2.64	78	963	121	229	680	88	10.65	0.10	8.10	<0.5
HH21-107213		3.08	5	102	19	34	204	31	3.77	0.01	3.22	<0.5
HH21-107214		2.98	24	273	56	100	531	75	10.10	0.02	6.68	<0.5
HH21-107215		3.09	35	427	74	135	563	76	10.25	0.05	6.68	<0.5
HH21-107216		2.76	32	356	59	136	564	77	10.70	0.04	6.82	<0.5
HH21-107217		0.07	66	610	319	4560	4320	113	3.89	1.65	14.15	2.0
HH21-107218		2.51	94	1120	152	264	704	83	10.80	0.09	7.27	<0.5
HH21-107219		2.72	83	960	153	232	691	86	11.10	0.07	7.47	<0.5
HH21-107220		2.73	67	748	112	203	648	80	10.60	0.06	7.13	<0.5
HH21-107221		2.66	73	712	106	197	649	81	10.70	0.06	7.35	<0.5
HH21-107222		2.74	182	1610	211	362	788	81	10.35	0.12	7.05	<0.5
HH21-107223		2.67	77	900	128	332	484	58	6.94	0.36	5.69	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21257124

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	LOD	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107224		2.75	130	1400	179	335	732	79	10.10	0.09	6.95	<0.5
HH21-107225		2.91	35	392	58	157	354	49	6.00	0.38	5.21	<0.5
HH21-107226		1.87	<1	1	<5	3	4	2	12.00	<0.01	0.28	<0.5
HH21-107227		2.71	9	604	93	53	456	55	7.20	0.24	5.41	<0.5
HH21-107228		2.75	54	870	119	185	628	74	9.61	0.15	6.49	<0.5
HH21-107229		2.92	95	853	122	245	644	77	10.10	0.07	6.86	<0.5
HH21-107230		2.82	107	1240	149	303	704	79	10.20	0.09	7.01	<0.5
HH21-107231		2.54	57	554	94	183	605	79	10.25	0.05	7.34	<0.5
HH21-107232		2.87	105	1020	133	291	685	82	10.50	0.08	7.42	<0.5
HH21-107233		2.67	90	768	99	196	592	75	9.69	0.05	6.82	<0.5
HH21-107234		1.63	49	455	76	145	575	78	10.15	0.03	6.97	<0.5
HH21-107235		1.17	60	674	100	163	611	78	10.10	0.04	6.96	<0.5
HH21-107236		2.52	102	1360	159	309	703	80	10.10	0.08	7.07	<0.5
HH21-107237		0.07	2000	1670	221	8830	642	50	4.49	2.07	7.32	4.7
HH21-107238		2.29	48	637	92	151	604	75	9.41	0.03	6.77	<0.5
HH21-107239		2.42	68	902	118	191	639	77	9.89	0.05	7.11	<0.5
HH21-107240		3.05	53	673	85	157	622	78	10.10	0.04	7.07	<0.5
HH21-107241		2.43	109	1180	153	296	688	80	10.15	0.09	7.08	<0.5
HH21-107242		2.54	84	1020	124	224	678	83	10.75	0.07	7.35	<0.5
HH21-107243		2.27	129	1290	187	312	747	88	11.00	0.10	7.55	<0.5
HH21-107244		2.60	276	2260	262	668	923	82	9.55	0.17	7.08	<0.5
HH21-107245		2.08	54	429	68	232	537	79	9.22	0.07	7.97	<0.5
HH21-107246		2.55	140	1840	230	469	849	92	10.80	0.13	8.71	<0.5
HH21-107247		2.49	34	139	22	522	292	52	5.49	0.16	4.44	0.5
HH21-107248		2.31	225	3690	459	780	1245	94	10.60	0.24	7.69	<0.5
HH21-107249		2.52	70	1550	191	174	671	61	7.09	0.06	5.25	<0.5
HH21-107250		2.64	25	382	72	133	414	52	7.05	0.02	4.82	<0.5
HH21-107251		2.71	129	1340	163	426	610	57	6.59	0.10	4.76	<0.5
HH21-107252		0.07	78	619	312	4730	4510	118	4.03	1.69	14.65	2.3
HH21-107253		2.43	43	376	52	154	455	57	7.09	0.04	5.28	<0.5
HH21-107254		2.78	38	667	69	202	492	60	7.54	0.04	5.77	<0.5
HH21-107255		2.70	310	1570	190	318	690	57	6.50	0.08	5.07	<0.5
HH21-107256		2.65	72	670	86	289	371	39	4.40	0.07	3.59	<0.5
HH21-107257		2.34	46	532	74	139	479	56	7.14	0.03	5.08	<0.5
HH21-107258		2.35	133	1270	175	331	793	84	9.99	0.06	6.70	<0.5
HH21-107259		2.42	432	4150	511	966	1255	80	9.06	0.25	6.57	<0.5
HH21-107260		2.37	189	2260	285	611	1020	79	9.35	0.14	6.39	<0.5
HH21-107261		2.59	285	2650	299	691	1085	87	10.25	0.18	7.53	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25-OCT-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21257124

CERTIFICATE COMMENTS									
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"><tr><td style="width: 33%;">CRU-32</td><td style="width: 33%;">CRU-QC</td><td style="width: 33%;">LOG-21</td><td style="width: 33%;">LOG-23</td></tr><tr><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"><tr><td style="width: 33%;">ME-ICP61</td><td style="width: 33%;">PGM-ICP23</td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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CERTIFICATE TB21257126

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21257126

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107262		1.34	2	3	<5				2	<1	<1	12.45	0.01	0.09	<0.5
HH21-107263		1.76	147	1200	162				353	631	59	7.20	0.08	5.12	<0.5
HH21-107264		2.08	35	362	93				133	422	50	6.71	0.03	4.46	<0.5
HH21-107265		1.94	118	2270	283				653	1010	77	9.48	0.20	6.76	0.5
HH21-107266		1.97	256	2660	345				774	1030	77	8.30	0.26	6.03	0.5
HH21-107267		2.00	126	2140	257				635	992	79	9.64	0.17	6.79	<0.5
HH21-107268		2.12	127	2890	368				679	1100	86	10.35	0.17	7.34	<0.5
HH21-107269		2.05	97	2050	245				594	892	61	6.57	0.15	4.97	<0.5
HH21-107270		2.46	79	3610	418				450	802	45	4.26	0.13	3.63	<0.5
HH21-107271		2.01	48	945	106				233	532	45	5.21	0.05	4.02	<0.5
HH21-107272		2.17	150	1410	168				480	673	50	5.36	0.14	4.32	<0.5
HH21-107273		2.23	140	1910	195				543	740	52	5.44	0.15	4.37	<0.5
HH21-107274		2.06	38	402	44				153	467	44	5.33	0.02	4.12	<0.5
HH21-107275		2.60	83	1110	130				333	607	45	5.28	0.09	4.04	<0.5
HH21-107276		2.13	106	942	101				372	622	56	6.35	0.11	4.89	<0.5
HH21-107277		1.98	77	665	82				250	627	59	7.02	0.07	5.31	<0.5
HH21-107278		2.15	81	546	67				305	604	55	6.21	0.07	5.09	<0.5
HH21-107279		2.06	189	1510	176				786	717	55	5.42	0.18	4.65	<0.5
HH21-107280		1.95	105	900	110				355	662	53	6.19	0.08	4.56	<0.5
HH21-107281		1.62	109	1140	125				419	693	54	6.21	0.09	4.52	<0.5
HH21-107282		2.58	164	1380	145				782	1015	67	7.47	0.23	5.26	<0.5
HH21-107283		0.07	4650	1980	1280				88	85	63	0.25	0.01	2.27	0.8
HH21-107284		2.09	227	1990	235				885	1120	70	7.21	0.31	5.96	<0.5
HH21-107285		1.86	158	1410	150				657	886	67	7.71	0.22	5.88	<0.5
HH21-107286		2.42	203	1810	213				755	946	63	7.01	0.27	5.40	0.5
HH21-107287		2.12	215	2180	265				677	856	66	6.66	0.26	6.25	<0.5
HH21-107288		2.37	201	2110	268				582	860	67	7.50	0.19	6.17	<0.5
HH21-107289		1.95	84	834	124				282	717	84	10.55	0.07	7.27	<0.5
HH21-107290		2.15	86	520	68				220	591	68	9.19	0.13	6.35	<0.5
HH21-107291		0.07	124	610	296				4550	4300	111	3.90	1.63	14.10	2.0
HH21-107292		2.22	426	2180	254				784	1035	90	10.65	0.19	7.80	<0.5
HH21-107293		2.26	139	1220	158				366	691	72	8.81	0.09	6.20	<0.5
HH21-107294		2.22	149	1360	182				367	830	81	10.00	0.09	6.71	<0.5
HH21-107295		2.14	205	1740	224				455	897	88	11.10	0.13	7.71	<0.5
HH21-107296		1.58	149	965	132				309	819	94	11.70	0.09	8.29	<0.5
HH21-107297		2.85	183	2230	300				325	681	54	5.99	0.10	4.53	<0.5
HH21-107298		1.91	176	2590	306				286	602	52	6.24	0.06	4.47	<0.5
HH21-107299		2.07	126	1680	220				402	625	58	6.52	0.11	4.80	<0.5
HH21-107300		2.10	151	1840	218				438	765	65	7.31	0.11	5.40	<0.5
HH21-107301		2.47	25	516	69				80	340	40	4.58	0.01	3.65	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21257126

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107302		2.14	68	814	118				168	576	65	8.32	0.03	5.78	<0.5
HH21-107303		2.25	114	1360	176				248	831	92	11.95	0.04	7.85	<0.5
HH21-107304		2.75	141	1760	212				357	854	80	9.88	0.07	6.90	<0.5
HH21-107305		1.97	104	3320	415				253	650	46	5.23	0.06	4.01	<0.5
HH21-107306		2.07	434	5190	626				1170	1460	74	6.76	0.28	5.36	0.5
HH21-107307		1.73	25	723	114				62	244	16	1.48	0.01	1.79	<0.5
HH21-107308		1.14	1	4	<5				1	<1	1	12.50	<0.01	0.06	<0.5
HH21-107309		2.49	232	2240	264				516	890	57	5.86	0.10	4.83	<0.5
HH21-107310		2.33	569	6030	805				1660	2330	108	9.55	0.46	7.59	0.6
HH21-107311		2.20	544	4100	549				1430	1720	77	7.01	0.39	5.49	0.7
HH21-107312		2.10	255	2020	257				865	1140	64	7.55	0.26	5.42	0.5
HH21-107313		2.05	285	2860	350				773	1030	67	7.83	0.19	5.84	<0.5
HH21-107314		0.07	1960	1650	244				9100	669	53	4.63	2.10	7.49	4.8
HH21-107315		2.27	688	7450	882				2000	2090	97	8.87	0.58	6.75	0.8
HH21-107316		2.31	996	>10000	1250	940	10450	1250	2840	2870	115	9.64	0.84	7.60	1.3
HH21-107317		2.44	399	4430	654				1080	1410	80	7.93	0.33	6.09	<0.5
HH21-107318		2.12	813	9510	1200				2440	2510	109	9.22	0.71	7.30	0.7
HH21-107319		2.26	636	8270	1040				1940	2190	94	8.58	0.55	6.70	0.9
HH21-107320		2.43	1900	5750	678				2130	1660	87	8.52	0.47	6.50	0.9
HH21-107321		2.16	1470	>10000	1510	1400	13200	1570	3490	3540	125	9.65	1.01	7.93	1.5
HH21-107322		2.00	513	5610	681				1390	1640	80	7.62	0.40	5.91	0.6
HH21-107323		2.25	183	1290	180				588	793	67	7.90	0.12	5.70	<0.5
HH21-107324		1.96	257	3190	450				798	1110	77	8.66	0.21	6.15	<0.5
HH21-107325		2.03	1320	>10000	1800	1210	13900	1710	3350	3470	136	10.65	1.03	8.48	1.2
HH21-107326		2.85	598	8240	995				1720	2230	99	8.71	0.49	6.70	0.7
HH21-107327		1.90	30	127	16				110	648	88	11.25	0.03	7.47	<0.5
HH21-107328		2.04	62	722	92				192	701	87	10.95	0.04	7.41	<0.5
HH21-107329		2.07	19	7	<5				100	527	86	11.25	0.02	7.33	<0.5
HH21-107330		2.19	22	8	<5				116	561	89	11.85	0.02	7.60	<0.5
HH21-107331		2.22	424	4660	635				1200	1570	104	11.00	0.32	7.98	<0.5
HH21-107332		0.07	72	630	296				4570	4440	116	3.95	1.64	14.30	1.8
HH21-107333		2.08	545	5090	633				1570	1800	115	11.70	0.41	8.48	0.6
HH21-107334		1.99	625	6190	747				1550	1930	107	10.75	0.36	8.07	0.6
HH21-107335		2.18	323	4160	534				897	1430	89	10.15	0.20	7.27	<0.5
HH21-107336		1.98	194	1630	208				570	1070	110	13.85	0.11	8.91	<0.5
HH21-107337		2.29	67	726	90				264	793	84	11.25	0.10	7.42	<0.5
HH21-107338		2.38	37	232	19				226	437	64	8.19	0.37	7.01	<0.5
HH21-107339		2.05	116	1100	145				389	875	95	11.70	0.09	8.27	<0.5



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 BUSINESS NUMBER 131081184
 556 TENTH AVE
 THUNDER BAY ON P7B 2R2

Page: Appendix 1
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 Finalized Date: 26-OCT-2021
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Project: 18-101

CERTIFICATE OF ANALYSIS TB21257126

	CERTIFICATE COMMENTS
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	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 33%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 33%;">PGM-ICP23</td> <td style="width: 33%;">PGM-ICP27</td> <td></td> </tr> </table>	ME-ICP61	PGM-ICP23	PGM-ICP27					
ME-ICP61	PGM-ICP23	PGM-ICP27							



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CERTIFICATE TB21257127

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21257127

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107340		0.72	<1	1	<5	1	<1	<1	12.90	0.01	0.13	<0.5
HH21-107341		2.18	187	1760	206	539	1050	99	11.80	0.15	8.29	1.8
HH21-107342		2.21	49	188	22	193	660	92	12.10	0.03	7.90	<0.5
HH21-107343		2.24	64	362	52	284	696	96	12.35	0.06	8.24	<0.5
HH21-107344		2.08	120	1140	148	380	707	68	7.92	0.10	6.04	<0.5
HH21-107345		2.20	389	5140	608	1450	1815	115	10.50	0.63	10.05	0.5
HH21-107346		2.01	222	3760	479	799	1355	78	7.38	0.27	6.43	<0.5
HH21-107347		1.97	336	3960	518	1020	1345	75	6.83	0.31	6.10	<0.5
HH21-107348		2.08	214	3260	433	628	1000	59	5.96	0.18	4.98	<0.5
HH21-107349		2.71	92	982	126	398	737	69	7.55	0.12	5.89	<0.5
HH21-107350		2.58	189	1680	233	476	915	85	10.25	0.14	7.38	<0.5
HH21-107351		2.40	177	1020	131	887	1240	101	11.30	0.25	8.06	<0.5
HH21-107352		1.94	146	1460	175	418	688	60	6.75	0.11	5.28	<0.5
HH21-107353		2.10	95	1010	128	500	744	69	8.01	0.15	5.74	<0.5
HH21-107354		2.82	29	102	13	539	843	86	10.55	0.15	7.19	<0.5
HH21-107355		1.72	79	751	105	252	630	65	7.67	0.07	5.89	<0.5
HH21-107356		2.61	35	286	34	156	476	53	6.27	0.03	4.91	<0.5
HH21-107357		0.07	4500	2030	1300	86	84	62	0.26	0.01	2.22	0.5
HH21-107358		2.27	217	2850	391	611	1155	79	8.15	0.19	6.26	<0.5
HH21-107359		2.24	249	2410	276	629	824	77	9.51	0.13	6.63	<0.5
HH21-107360		2.39	305	2730	348	1005	1205	89	9.16	0.38	7.95	<0.5
HH21-107361		2.29	96	558	76	290	494	59	7.28	0.06	5.26	<0.5
HH21-107362		1.96	80	531	80	260	366	46	5.82	0.04	4.30	<0.5
HH21-107363		2.17	50	526	37	190	399	51	5.97	0.05	4.72	<0.5
HH21-107364		2.15	15	124	18	60	333	45	5.73	0.01	4.19	<0.5
HH21-107365		2.23	16	47	<5	115	339	45	5.41	0.02	4.17	<0.5
HH21-107366		1.95	34	390	44	176	383	45	5.03	0.03	4.21	<0.5
HH21-107367		2.15	45	813	105	143	591	74	8.69	0.03	6.54	<0.5
HH21-107368		2.56	48	955	150	167	572	50	5.51	0.06	4.55	<0.5
HH21-107369		2.00	50	418	48	193	479	51	5.64	0.04	4.41	<0.5
HH21-107370		1.96	37	307	31	179	446	50	5.96	0.04	4.54	<0.5
HH21-107371		1.96	15	18	<5	102	312	47	5.68	0.01	4.35	<0.5
HH21-107372		1.98	9	150	11	96	309	46	5.69	0.01	4.21	<0.5
HH21-107373		2.06	28	307	37	197	379	51	6.08	0.04	4.58	<0.5
HH21-107374		0.07	68	630	318	4410	4220	112	3.91	1.62	13.95	2.2
HH21-107375		2.16	30	329	65	148	416	59	6.77	0.03	5.53	<0.5
HH21-107376		2.00	41	375	49	126	585	75	9.30	0.03	6.77	<0.5
HH21-107377		2.29	84	1010	126	259	548	60	7.02	0.06	5.54	<0.5
HH21-107378		2.01	58	826	123	192	523	66	7.77	0.04	5.92	<0.5
HH21-107379		2.17	93	1280	203	302	591	59	6.52	0.09	5.16	<0.5



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CERTIFICATE OF ANALYSIS TB21257127

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-107380		1.95	322	2140	306	488	752	76	7.52	0.14	6.28	<0.5
HH21-107381		0.93	<1	7	<5	3	2	<1	12.40	<0.01	0.10	<0.5
HH21-107382		1.92	85	978	148	228	603	78	8.93	0.06	6.72	<0.5
HH21-107383		2.26	67	682	95	211	409	51	5.62	0.05	4.52	<0.5
HH21-107384		1.90	138	1820	209	411	632	62	6.54	0.09	5.45	<0.5
HH21-107385		1.97	51	281	33	225	369	48	5.32	0.05	4.38	<0.5
HH21-107386		2.54	354	4480	529	1170	1305	100	9.76	0.42	7.57	0.5
HH21-107387		2.07	527	5310	685	1365	1610	111	10.60	0.50	9.26	0.7
HH21-107388		2.22	104	908	120	364	499	52	5.80	0.08	4.59	<0.5
HH21-107389		1.98	62	2250	251	357	779	65	7.38	0.23	5.46	<0.5
HH21-107390		1.97	60	722	93	209	614	58	7.59	0.19	5.26	<0.5
HH21-107391		2.41	220	2660	349	583	978	82	8.61	0.15	7.09	<0.5
HH21-107392		1.95	160	1440	167	439	689	69	7.07	0.12	5.80	<0.5
HH21-107393		0.07	2040	1660	216	8610	636	51	4.56	2.07	7.33	4.8
HH21-107394		2.01	420	5010	570	1560	1295	94	7.95	0.36	7.28	0.8
HH21-107395		1.94	35	103	9	184	338	47	5.28	0.04	4.20	<0.5
HH21-107396		2.06	177	1870	231	622	761	61	5.88	0.16	5.01	<0.5
HH21-107397		1.81	313	3150	375	1075	938	62	5.64	0.23	4.72	<0.5
HH21-107398		1.98	222	1480	178	507	517	47	5.04	0.09	4.05	<0.5
HH21-107399		2.06	228	2480	306	727	876	67	6.76	0.20	5.43	0.5
HH21-107400		2.00	106	1280	152	495	596	55	5.33	0.16	4.60	<0.5
HH21-107401		2.13	247	2570	317	718	849	70	6.76	0.22	5.69	0.6
HH21-107402		2.01	111	1380	173	422	605	58	5.77	0.15	4.69	<0.5
HH21-107403		2.38	131	1200	149	417	606	64	6.66	0.14	5.51	<0.5
HH21-107404		1.87	42	246	31	204	316	48	5.83	0.06	4.25	<0.5
HH21-107405		2.08	158	1810	196	499	590	48	4.75	0.14	3.99	<0.5
HH21-107406		1.95	126	1620	228	444	646	59	6.42	0.13	5.29	<0.5
HH21-107407		2.06	17	107	16	180	428	72	9.31	0.06	6.20	<0.5
HH21-107408		2.15	98	1090	133	331	613	66	7.91	0.11	6.44	<0.5
HH21-107409		2.03	288	3510	395	720	1030	76	6.95	0.26	6.44	0.5
HH21-107410		2.80	301	3060	372	653	965	73	7.87	0.19	6.77	<0.5
HH21-107411		1.12	10	12	<5	74	251	42	5.14	0.01	4.19	<0.5
HH21-107412		2.19	10	357	14	117	297	44	5.20	0.02	4.32	<0.5
HH21-107413		2.33	210	2360	319	841	760	62	5.51	0.21	5.16	0.5
HH21-107414		0.07	101	611	293	4410	4360	117	3.85	1.66	14.05	1.9
HH21-107415		1.79	275	3680	452	865	946	69	6.40	0.26	5.46	0.5
HH21-107416		2.25	22	195	28	147	478	71	8.58	0.03	6.03	<0.5
HH21-107417		2.01	41	344	44	178	441	58	6.94	0.03	5.26	<0.5



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CERTIFICATE OF ANALYSIS TB21257127

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21257128

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21257128

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107418		1.34	<1	1	<5				2	1	1	13.20	<0.01	0.08	<0.5
HH21-107419		2.28	75	1400	181				287	630	59	6.25	0.07	5.54	<0.5
HH21-107420		2.64	285	3170	351				1020	990	72	5.86	0.31	6.07	<0.5
HH21-107421		2.57	309	4710	631				1000	1315	95	8.82	0.37	7.70	<0.5
HH21-107422		2.60	140	1880	277				339	647	63	6.68	0.10	5.66	<0.5
HH21-107423		2.57	192	4730	746				806	1380	99	8.63	0.45	7.63	<0.5
HH21-107424		2.61	294	2570	333				684	859	78	7.65	0.22	6.52	<0.5
HH21-107425		2.53	146	1200	180				525	682	68	6.72	0.15	5.37	<0.5
HH21-107426		2.54	215	2510	359				819	850	79	7.60	0.24	6.96	<0.5
HH21-107427		2.68	384	1380	217				1340	681	69	6.63	0.22	6.21	0.6
HH21-107428		2.60	11	85	18				161	359	54	6.71	0.03	4.83	<0.5
HH21-107429		2.55	35	83	12				170	367	56	6.91	0.06	4.89	<0.5
HH21-107430		2.73	17	207	24				148	323	49	6.04	0.04	4.29	<0.5
HH21-107431		0.07	5060	1960	1260				85	83	63	0.25	0.01	2.22	0.7
HH21-107432		1.98	70	1140	148				304	441	48	4.73	0.14	5.45	<0.5
HH21-107433		3.55	2	4	<5				109	13	23	1.10	0.07	5.62	<0.5
HH21-107434		1.82	177	2120	299				506	719	54	5.31	0.15	4.63	<0.5
HH21-107435		2.46	15	490	60				114	342	42	5.60	0.05	5.28	<0.5
HH21-107436		2.13	283	5150	637				1200	1625	93	8.37	0.62	8.04	0.9
HH21-107437		2.49	8	33	<5				175	26	25	1.27	0.13	6.19	<0.5
HH21-107438		2.56	43	84	5				861	73	29	1.67	0.53	5.61	1.0
HH21-107439		2.04	12	24	<5				181	56	26	1.50	0.10	5.70	<0.5
HH21-107440		3.19	139	1640	177				495	746	64	6.38	0.18	5.55	<0.5
HH21-107441		2.53	25	10	<5				143	342	56	6.61	0.02	4.86	<0.5
HH21-107442		2.43	488	5050	643				1715	1975	104	9.65	0.50	7.40	0.7
HH21-107443		2.66	543	5220	633				1980	1920	92	7.87	0.53	6.60	0.9
HH21-107444		2.61	911	8670	1030				2580	2850	127	10.65	0.78	8.21	1.1
HH21-107445		2.74	939	8180	1040				2470	2840	130	11.45	0.76	8.78	1.0
HH21-107446		2.86	710	6520	823				2110	2320	109	9.64	0.63	7.62	0.8
HH21-107447		2.43	759	9640	1110				2190	2830	104	8.15	0.73	6.49	0.9
HH21-107448		2.61	2020	>10000	1100	1140	11850	1190	4250	2800	111	9.00	0.90	7.32	1.4
HH21-107449		2.59	907	>10000	2110	860	19100	2330	3310	4210	126	6.79	1.12	6.16	1.1
HH21-107450		0.07	77	594	303				4430	4300	118	3.92	1.65	14.25	2.1
HH21-107451		2.54	1040	>10000	1370	1370	12150	1470	2880	3430	97	6.39	0.90	5.55	1.3
HH21-107452		2.70	514	6850	872				1770	1950	84	8.17	0.45	5.87	0.8
HH21-107453		2.51	679	9790	1160				2750	2670	95	7.64	0.69	6.41	1.1
HH21-107454		1.88	957	8100	1220				2890	2360	85	6.61	0.70	7.12	1.4
HH21-107455		2.76	1580	>10000	1310	1840	12650	1350	4750	4020	131	9.38	1.19	10.70	2.5
HH21-107456		2.65	1650	>10000	1700	1620	16750	1850	5670	4830	120	5.88	1.58	6.18	2.3
HH21-107457		2.56	1480	>10000	1960	2010	16350	1990	5380	4480	118	6.17	1.49	6.90	2.3



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21257128

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107458		2.40	1140	>10000	1460	1180	12450	1490	3120	3350	108	7.63	0.93	6.37	1.3
HH21-107459		0.84	4	34	<5				13	16	<1	12.65	0.01	0.09	<0.5
HH21-107460		2.75	925	>10000	1460	1300	11900	1460	3180	3320	97	6.25	0.97	5.93	1.3
HH21-107461		2.14	609	6980	811				1670	2080	84	7.34	0.52	5.63	0.8
HH21-107462		3.15	329	4220	519				851	1300	63	6.67	0.22	5.38	<0.5
HH21-107463		2.07	606	6250	543				1450	2130	86	7.54	0.54	5.86	0.7
HH21-107464		3.13	772	9730	1350				3760	2670	93	6.99	0.83	6.25	1.6
HH21-107465		2.45	180	4250	466				827	1705	65	5.88	0.36	4.92	0.6
HH21-107466		2.60	453	4770	615				1180	1675	86	8.45	0.35	6.74	0.7
HH21-107467		2.41	91	332	37				279	678	57	7.03	0.05	5.59	<0.5
HH21-107468		2.42	1260	>10000	1240	1260	18850	1330	4210	5440	158	5.90	1.53	6.79	1.8
HH21-107469		1.40	327	2260	236				739	952	58	6.41	0.18	5.06	0.5
HH21-107470		3.57	26	162	17				159	378	50	6.45	0.03	4.63	<0.5
HH21-107471		2.52	82	838	103				339	568	58	6.83	0.11	4.98	<0.5
HH21-107472		2.51	25	260	18				200	431	56	6.85	0.05	5.01	<0.5
HH21-107473		2.52	20	75	9				165	390	59	7.27	0.03	5.30	<0.5
HH21-107474		1.30	432	5910	698				1090	1750	72	6.71	0.33	5.45	0.6
HH21-107475		1.20	1250	>10000	1760	1330	14050	1680	3490	3960	119	7.13	1.20	7.05	1.2
HH21-107476		2.33	323	2310	375				940	1240	68	7.17	0.24	5.57	0.5
HH21-107477		2.31	249	3850	569				832	1235	60	5.39	0.29	4.65	<0.5
HH21-107478		0.07	1910	1600	206				8750	654	51	4.58	2.07	7.44	5.1
HH21-107479		2.43	196	3680	477				940	1135	44	3.32	0.30	3.35	0.6
HH21-107480		2.41	63	1380	188				496	563	27	2.61	0.12	2.77	<0.5
HH21-107481		0.79	538	4670	279				5740	1775	67	4.16	1.00	5.01	2.6
HH21-107482		2.59	171	3260	430				710	1195	69	6.49	0.27	5.96	0.5
HH21-107483		2.53	16	251	45				183	283	35	4.26	0.02	3.67	<0.5
HH21-107484		1.84	11	1040	74				63	472	38	4.67	0.04	4.09	<0.5
HH21-107485		3.04	218	2900	375				1040	981	61	6.19	0.25	5.04	0.6
HH21-107486		1.50	571	5470	679				2170	2320	112	9.58	0.64	7.48	1.7
HH21-107487		1.53	254	2480	319				777	1185	90	9.55	0.22	7.35	0.5
HH21-107488		0.07	72	639	314				4540	4650	120	4.00	1.73	14.65	2.2
HH21-107489		1.98	394	2050	247				777	948	80	8.88	0.20	6.71	0.5
HH21-107490		2.13	159	447	113				255	484	59	7.15	0.05	5.50	<0.5
HH21-107491		1.68	268	3050	416				883	1175	75	7.53	0.25	5.98	0.7
HH21-107492		2.18	59	853	88				247	529	42	4.32	0.07	3.91	<0.5
HH21-107493		1.91	49	509	76				262	509	48	5.16	0.07	4.44	<0.5
HH21-107494		2.14	122	1240	181				517	754	56	6.02	0.13	5.12	<0.5
HH21-107495		3.24	131	2200	278				551	873	59	5.71	0.18	5.29	<0.5



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 556 TENTH AVE
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CERTIFICATE OF ANALYSIS TB21257128

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23	PGM-ICP27	



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CERTIFICATE TB21257128

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107418		1.34	<1	1	<5				2	1	1	13.20	<0.01	0.08	<0.5
HH21-107419		2.28	75	1400	181				287	630	59	6.25	0.07	5.54	<0.5
HH21-107420		2.64	285	3170	351				1020	990	72	5.86	0.31	6.07	<0.5
HH21-107421		2.57	309	4710	631				1000	1315	95	8.82	0.37	7.70	<0.5
HH21-107422		2.60	140	1880	277				339	647	63	6.68	0.10	5.66	<0.5
HH21-107423		2.57	192	4730	746				806	1380	99	8.63	0.45	7.63	<0.5
HH21-107424		2.61	294	2570	333				684	859	78	7.65	0.22	6.52	<0.5
HH21-107425		2.53	146	1200	180				525	682	68	6.72	0.15	5.37	<0.5
HH21-107426		2.54	215	2510	359				819	850	79	7.60	0.24	6.96	<0.5
HH21-107427		2.68	384	1380	217				1340	681	69	6.63	0.22	6.21	0.6
HH21-107428		2.60	11	85	18				161	359	54	6.71	0.03	4.83	<0.5
HH21-107429		2.55	35	83	12				170	367	56	6.91	0.06	4.89	<0.5
HH21-107430		2.73	17	207	24				148	323	49	6.04	0.04	4.29	<0.5
HH21-107431		0.07	5060	1960	1260				85	83	63	0.25	0.01	2.22	0.7
HH21-107432		1.98	70	1140	148				304	441	48	4.73	0.14	5.45	<0.5
HH21-107433		3.55	2	4	<5				109	13	23	1.10	0.07	5.62	<0.5
HH21-107434		1.82	177	2120	299				506	719	54	5.31	0.15	4.63	<0.5
HH21-107435		2.46	15	490	60				114	342	42	5.60	0.05	5.28	<0.5
HH21-107436		2.13	283	5150	637				1200	1625	93	8.37	0.62	8.04	0.9
HH21-107437		2.49	8	33	<5				175	26	25	1.27	0.13	6.19	<0.5
HH21-107438		2.56	43	84	5				861	73	29	1.67	0.53	5.61	1.0
HH21-107439		2.04	12	24	<5				181	56	26	1.50	0.10	5.70	<0.5
HH21-107440		3.19	139	1640	177				495	746	64	6.38	0.18	5.55	<0.5
HH21-107441		2.53	25	10	<5				143	342	56	6.61	0.02	4.86	<0.5
HH21-107442		2.43	488	5050	643				1715	1975	104	9.65	0.50	7.40	0.7
HH21-107443		2.66	543	5220	633				1980	1920	92	7.87	0.53	6.60	0.9
HH21-107444		2.61	911	8670	1030				2580	2850	127	10.65	0.78	8.21	1.1
HH21-107445		2.74	939	8180	1040				2470	2840	130	11.45	0.76	8.78	1.0
HH21-107446		2.86	710	6520	823				2110	2320	109	9.64	0.63	7.62	0.8
HH21-107447		2.43	759	9640	1110				2190	2830	104	8.15	0.73	6.49	0.9
HH21-107448		2.61	2020	>10000	1100	1140	11850	1190	4250	2800	111	9.00	0.90	7.32	1.4
HH21-107449		2.59	907	>10000	2110	860	19100	2330	3310	4210	126	6.79	1.12	6.16	1.1
HH21-107450		0.07	77	594	303				4430	4300	118	3.92	1.65	14.25	2.1
HH21-107451		2.54	1040	>10000	1370	1370	12150	1470	2880	3430	97	6.39	0.90	5.55	1.3
HH21-107452		2.70	514	6850	872				1770	1950	84	8.17	0.45	5.87	0.8
HH21-107453		2.51	679	9790	1160				2750	2670	95	7.64	0.69	6.41	1.1
HH21-107454		1.88	957	8100	1220				2890	2360	85	6.61	0.70	7.12	1.4
HH21-107455		2.76	1580	>10000	1310	1840	12650	1350	4750	4020	131	9.38	1.19	10.70	2.5
HH21-107456		2.65	1650	>10000	1700	1620	16750	1850	5670	4830	120	5.88	1.58	6.18	2.3
HH21-107457		2.56	1480	>10000	1960	2010	16350	1990	5380	4480	118	6.17	1.49	6.90	2.3



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CERTIFICATE OF ANALYSIS TB21257128

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107458		2.40	1140	>10000	1460	1180	12450	1490	3120	3350	108	7.63	0.93	6.37	1.3
HH21-107459		0.84	4	34	<5				13	16	<1	12.65	0.01	0.09	<0.5
HH21-107460		2.75	925	>10000	1460	1300	11900	1460	3180	3320	97	6.25	0.97	5.93	1.3
HH21-107461		2.14	609	6980	811				1670	2080	84	7.34	0.52	5.63	0.8
HH21-107462		3.15	329	4220	519				851	1300	63	6.67	0.22	5.38	<0.5
HH21-107463		2.07	606	6250	543				1450	2130	86	7.54	0.54	5.86	0.7
HH21-107464		3.13	772	9730	1350				3760	2670	93	6.99	0.83	6.25	1.6
HH21-107465		2.45	180	4250	466				827	1705	65	5.88	0.36	4.92	0.6
HH21-107466		2.60	453	4770	615				1180	1675	86	8.45	0.35	6.74	0.7
HH21-107467		2.41	91	332	37				279	678	57	7.03	0.05	5.59	<0.5
HH21-107468		2.42	1260	>10000	1240	1260	18850	1330	4210	5440	158	5.90	1.53	6.79	1.8
HH21-107469		1.40	327	2260	236				739	952	58	6.41	0.18	5.06	0.5
HH21-107470		3.57	26	162	17				159	378	50	6.45	0.03	4.63	<0.5
HH21-107471		2.52	82	838	103				339	568	58	6.83	0.11	4.98	<0.5
HH21-107472		2.51	25	260	18				200	431	56	6.85	0.05	5.01	<0.5
HH21-107473		2.52	20	75	9				165	390	59	7.27	0.03	5.30	<0.5
HH21-107474		1.30	432	5910	698				1090	1750	72	6.71	0.33	5.45	0.6
HH21-107475		1.20	1250	>10000	1760	1330	14050	1680	3490	3960	119	7.13	1.20	7.05	1.2
HH21-107476		2.33	323	2310	375				940	1240	68	7.17	0.24	5.57	0.5
HH21-107477		2.31	249	3850	569				832	1235	60	5.39	0.29	4.65	<0.5
HH21-107478		0.07	1910	1600	206				8750	654	51	4.58	2.07	7.44	5.1
HH21-107479		2.43	196	3680	477				940	1135	44	3.32	0.30	3.35	0.6
HH21-107480		2.41	63	1380	188				496	563	27	2.61	0.12	2.77	<0.5
HH21-107481		0.79	538	4670	279				5740	1775	67	4.16	1.00	5.01	2.6
HH21-107482		2.59	171	3260	430				710	1195	69	6.49	0.27	5.96	0.5
HH21-107483		2.53	16	251	45				183	283	35	4.26	0.02	3.67	<0.5
HH21-107484		1.84	11	1040	74				63	472	38	4.67	0.04	4.09	<0.5
HH21-107485		3.04	218	2900	375				1040	981	61	6.19	0.25	5.04	0.6
HH21-107486		1.50	571	5470	679				2170	2320	112	9.58	0.64	7.48	1.7
HH21-107487		1.53	254	2480	319				777	1185	90	9.55	0.22	7.35	0.5
HH21-107488		0.07	72	639	314				4540	4650	120	4.00	1.73	14.65	2.2
HH21-107489		1.98	394	2050	247				777	948	80	8.88	0.20	6.71	0.5
HH21-107490		2.13	159	447	113				255	484	59	7.15	0.05	5.50	<0.5
HH21-107491		1.68	268	3050	416				883	1175	75	7.53	0.25	5.98	0.7
HH21-107492		2.18	59	853	88				247	529	42	4.32	0.07	3.91	<0.5
HH21-107493		1.91	49	509	76				262	509	48	5.16	0.07	4.44	<0.5
HH21-107494		2.14	122	1240	181				517	754	56	6.02	0.13	5.12	<0.5
HH21-107495		3.24	131	2200	278				551	873	59	5.71	0.18	5.29	<0.5



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556 TENTH AVE
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Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21257128

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td>PGM-ICP27</td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23	PGM-ICP27	
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23	PGM-ICP27													



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 Finalized Date: 25-OCT-2021
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CERTIFICATE TB21257128

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-SEP-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21257128

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107418		1.34	<1	1	<5				2	1	1	13.20	<0.01	0.08	<0.5
HH21-107419		2.28	75	1400	181				287	630	59	6.25	0.07	5.54	<0.5
HH21-107420		2.64	285	3170	351				1020	990	72	5.86	0.31	6.07	<0.5
HH21-107421		2.57	309	4710	631				1000	1315	95	8.82	0.37	7.70	<0.5
HH21-107422		2.60	140	1880	277				339	647	63	6.68	0.10	5.66	<0.5
HH21-107423		2.57	192	4730	746				806	1380	99	8.63	0.45	7.63	<0.5
HH21-107424		2.61	294	2570	333				684	859	78	7.65	0.22	6.52	<0.5
HH21-107425		2.53	146	1200	180				525	682	68	6.72	0.15	5.37	<0.5
HH21-107426		2.54	215	2510	359				819	850	79	7.60	0.24	6.96	<0.5
HH21-107427		2.68	384	1380	217				1340	681	69	6.63	0.22	6.21	0.6
HH21-107428		2.60	11	85	18				161	359	54	6.71	0.03	4.83	<0.5
HH21-107429		2.55	35	83	12				170	367	56	6.91	0.06	4.89	<0.5
HH21-107430		2.73	17	207	24				148	323	49	6.04	0.04	4.29	<0.5
HH21-107431		0.07	5060	1960	1260				85	83	63	0.25	0.01	2.22	0.7
HH21-107432		1.98	70	1140	148				304	441	48	4.73	0.14	5.45	<0.5
HH21-107433		3.55	2	4	<5				109	13	23	1.10	0.07	5.62	<0.5
HH21-107434		1.82	177	2120	299				506	719	54	5.31	0.15	4.63	<0.5
HH21-107435		2.46	15	490	60				114	342	42	5.60	0.05	5.28	<0.5
HH21-107436		2.13	283	5150	637				1200	1625	93	8.37	0.62	8.04	0.9
HH21-107437		2.49	8	33	<5				175	26	25	1.27	0.13	6.19	<0.5
HH21-107438		2.56	43	84	5				861	73	29	1.67	0.53	5.61	1.0
HH21-107439		2.04	12	24	<5				181	56	26	1.50	0.10	5.70	<0.5
HH21-107440		3.19	139	1640	177				495	746	64	6.38	0.18	5.55	<0.5
HH21-107441		2.53	25	10	<5				143	342	56	6.61	0.02	4.86	<0.5
HH21-107442		2.43	488	5050	643				1715	1975	104	9.65	0.50	7.40	0.7
HH21-107443		2.66	543	5220	633				1980	1920	92	7.87	0.53	6.60	0.9
HH21-107444		2.61	911	8670	1030				2580	2850	127	10.65	0.78	8.21	1.1
HH21-107445		2.74	939	8180	1040				2470	2840	130	11.45	0.76	8.78	1.0
HH21-107446		2.86	710	6520	823				2110	2320	109	9.64	0.63	7.62	0.8
HH21-107447		2.43	759	9640	1110				2190	2830	104	8.15	0.73	6.49	0.9
HH21-107448		2.61	2020	>10000	1100	1140	11850	1190	4250	2800	111	9.00	0.90	7.32	1.4
HH21-107449		2.59	907	>10000	2110	860	19100	2330	3310	4210	126	6.79	1.12	6.16	1.1
HH21-107450		0.07	77	594	303				4430	4300	118	3.92	1.65	14.25	2.1
HH21-107451		2.54	1040	>10000	1370	1370	12150	1470	2880	3430	97	6.39	0.90	5.55	1.3
HH21-107452		2.70	514	6850	872				1770	1950	84	8.17	0.45	5.87	0.8
HH21-107453		2.51	679	9790	1160				2750	2670	95	7.64	0.69	6.41	1.1
HH21-107454		1.88	957	8100	1220				2890	2360	85	6.61	0.70	7.12	1.4
HH21-107455		2.76	1580	>10000	1310	1840	12650	1350	4750	4020	131	9.38	1.19	10.70	2.5
HH21-107456		2.65	1650	>10000	1700	1620	16750	1850	5670	4830	120	5.88	1.58	6.18	2.3
HH21-107457		2.56	1480	>10000	1960	2010	16350	1990	5380	4480	118	6.17	1.49	6.90	2.3



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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 25-OCT-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21257128

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-107458		2.40	1140	>10000	1460	1180	12450	1490	3120	3350	108	7.63	0.93	6.37	1.3
HH21-107459		0.84	4	34	<5				13	16	<1	12.65	0.01	0.09	<0.5
HH21-107460		2.75	925	>10000	1460	1300	11900	1460	3180	3320	97	6.25	0.97	5.93	1.3
HH21-107461		2.14	609	6980	811				1670	2080	84	7.34	0.52	5.63	0.8
HH21-107462		3.15	329	4220	519				851	1300	63	6.67	0.22	5.38	<0.5
HH21-107463		2.07	606	6250	543				1450	2130	86	7.54	0.54	5.86	0.7
HH21-107464		3.13	772	9730	1350				3760	2670	93	6.99	0.83	6.25	1.6
HH21-107465		2.45	180	4250	466				827	1705	65	5.88	0.36	4.92	0.6
HH21-107466		2.60	453	4770	615				1180	1675	86	8.45	0.35	6.74	0.7
HH21-107467		2.41	91	332	37				279	678	57	7.03	0.05	5.59	<0.5
HH21-107468		2.42	1260	>10000	1240	1260	18850	1330	4210	5440	158	5.90	1.53	6.79	1.8
HH21-107469		1.40	327	2260	236				739	952	58	6.41	0.18	5.06	0.5
HH21-107470		3.57	26	162	17				159	378	50	6.45	0.03	4.63	<0.5
HH21-107471		2.52	82	838	103				339	568	58	6.83	0.11	4.98	<0.5
HH21-107472		2.51	25	260	18				200	431	56	6.85	0.05	5.01	<0.5
HH21-107473		2.52	20	75	9				165	390	59	7.27	0.03	5.30	<0.5
HH21-107474		1.30	432	5910	698				1090	1750	72	6.71	0.33	5.45	0.6
HH21-107475		1.20	1250	>10000	1760	1330	14050	1680	3490	3960	119	7.13	1.20	7.05	1.2
HH21-107476		2.33	323	2310	375				940	1240	68	7.17	0.24	5.57	0.5
HH21-107477		2.31	249	3850	569				832	1235	60	5.39	0.29	4.65	<0.5
HH21-107478		0.07	1910	1600	206				8750	654	51	4.58	2.07	7.44	5.1
HH21-107479		2.43	196	3680	477				940	1135	44	3.32	0.30	3.35	0.6
HH21-107480		2.41	63	1380	188				496	563	27	2.61	0.12	2.77	<0.5
HH21-107481		0.79	538	4670	279				5740	1775	67	4.16	1.00	5.01	2.6
HH21-107482		2.59	171	3260	430				710	1195	69	6.49	0.27	5.96	0.5
HH21-107483		2.53	16	251	45				183	283	35	4.26	0.02	3.67	<0.5
HH21-107484		1.84	11	1040	74				63	472	38	4.67	0.04	4.09	<0.5
HH21-107485		3.04	218	2900	375				1040	981	61	6.19	0.25	5.04	0.6
HH21-107486		1.50	571	5470	679				2170	2320	112	9.58	0.64	7.48	1.7
HH21-107487		1.53	254	2480	319				777	1185	90	9.55	0.22	7.35	0.5
HH21-107488		0.07	72	639	314				4540	4650	120	4.00	1.73	14.65	2.2
HH21-107489		1.98	394	2050	247				777	948	80	8.88	0.20	6.71	0.5
HH21-107490		2.13	159	447	113				255	484	59	7.15	0.05	5.50	<0.5
HH21-107491		1.68	268	3050	416				883	1175	75	7.53	0.25	5.98	0.7
HH21-107492		2.18	59	853	88				247	529	42	4.32	0.07	3.91	<0.5
HH21-107493		1.91	49	509	76				262	509	48	5.16	0.07	4.44	<0.5
HH21-107494		2.14	122	1240	181				517	754	56	6.02	0.13	5.12	<0.5
HH21-107495		3.24	131	2200	278				551	873	59	5.71	0.18	5.29	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21257128

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	PGM-ICP27



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CERTIFICATE TB21277452

Project: 18-101
 P.O. No.: 182449
 This report is for 17 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 13-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21277452

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107557		2.24	26	18	<5	336	285	47	5.32	<0.5
HH21-107558		2.32	29	150	18	448	358	52	5.30	<0.5
HH21-107559		2.22	29	116	24	596	421	60	5.84	0.6
HH21-107560		2.31	34	128	15	607	347	52	5.25	0.5
HH21-107561		2.55	53	356	38	584	574	63	5.99	0.8
HH21-107562		2.31	19	136	27	291	462	51	5.33	<0.5
HH21-107563		2.26	38	201	25	713	434	56	4.93	0.8
HH21-107564		2.39	51	368	50	505	572	60	5.45	<0.5
HH21-107565		2.75	58	437	44	545	670	64	6.12	0.5
HH21-107566		2.33	27	165	22	403	447	53	5.52	0.5
HH21-107567		2.27	10	85	24	255	359	49	5.49	<0.5
HH21-107568		2.71	14	89	14	215	324	50	5.57	<0.5
HH21-107569		0.07	68	628	289	4560	4400	116	4.00	2.7
HH21-107570		2.40	9	54	13	216	322	49	5.59	<0.5
HH21-107571		2.31	4	36	8	132	294	48	5.33	<0.5
HH21-107572		2.00	9	109	12	142	290	46	5.08	<0.5
HH21-107573		2.31	4	30	10	145	278	48	5.18	<0.5



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 BUSINESS NUMBER 131081184
 556 TENTH AVE
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Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 13-NOV-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21277452

	CERTIFICATE COMMENTS								
<p>Applies to Method:</p>	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
<p>Applies to Method:</p>	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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 Finalized Date: 13-NOV-2021
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CERTIFICATE TB21277452

Project: 18-101
 P.O. No.: 182449
 This report is for 17 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 13-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21277452

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107557		2.24	26	18	<5	336	285	47	5.32	<0.5
HH21-107558		2.32	29	150	18	448	358	52	5.30	<0.5
HH21-107559		2.22	29	116	24	596	421	60	5.84	0.6
HH21-107560		2.31	34	128	15	607	347	52	5.25	0.5
HH21-107561		2.55	53	356	38	584	574	63	5.99	0.8
HH21-107562		2.31	19	136	27	291	462	51	5.33	<0.5
HH21-107563		2.26	38	201	25	713	434	56	4.93	0.8
HH21-107564		2.39	51	368	50	505	572	60	5.45	<0.5
HH21-107565		2.75	58	437	44	545	670	64	6.12	0.5
HH21-107566		2.33	27	165	22	403	447	53	5.52	0.5
HH21-107567		2.27	10	85	24	255	359	49	5.49	<0.5
HH21-107568		2.71	14	89	14	215	324	50	5.57	<0.5
HH21-107569		0.07	68	628	289	4560	4400	116	4.00	2.7
HH21-107570		2.40	9	54	13	216	322	49	5.59	<0.5
HH21-107571		2.31	4	36	8	132	294	48	5.33	<0.5
HH21-107572		2.00	9	109	12	142	290	46	5.08	<0.5
HH21-107573		2.31	4	30	10	145	278	48	5.18	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21277452

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21281302

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 18-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21281302

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
	Units LOD	kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107886		1.35	3	<1	<5	4	3	<1	13.10	<0.5
HH21-107887		2.06	361	619	61	570	607	57	6.41	<0.5
HH21-107888		1.91	94	1940	107	380	1175	75	6.08	<0.5
HH21-107889		1.97	151	1940	92	750	1075	62	5.52	0.5
HH21-107890		2.02	115	1400	90	733	775	59	6.04	0.5
HH21-107891		1.91	132	801	89	526	541	60	6.27	<0.5
HH21-107892		2.00	93	1100	123	520	608	57	5.69	<0.5
HH21-107893		1.97	195	1440	118	902	750	57	5.40	0.5
HH21-107894		1.99	86	709	80	391	480	62	6.87	<0.5
HH21-107895		2.04	98	1540	319	315	639	82	9.85	<0.5
HH21-107896		1.99	89	1740	253	388	536	40	3.98	<0.5
HH21-107897		1.92	41	1280	227	167	369	41	5.22	<0.5
HH21-107898		1.91	9	196	42	63	377	50	6.77	<0.5
HH21-107899		0.07	5020	2040	1370	88	87	64	0.27	0.8
HH21-107900		1.92	27	504	62	109	404	50	6.30	<0.5
HH21-107901		1.95	136	1540	102	453	814	59	6.36	0.5
HH21-107902		2.37	348	1760	178	1040	726	59	6.17	0.5
HH21-107903		1.82	134	1070	159	611	535	48	5.55	<0.5
HH21-107904		1.93	33	408	75	174	382	51	6.13	<0.5
HH21-107905		1.93	24	269	64	140	344	49	5.88	<0.5
HH21-107906		1.84	20	428	105	117	321	44	5.52	<0.5
HH21-107907		1.86	94	898	107	391	471	48	5.29	<0.5
HH21-107908		2.12	57	718	107	292	454	46	5.04	<0.5
HH21-107909		0.07	80	603	304	4510	4360	116	3.98	2.1
HH21-107910		1.95	50	631	71	342	450	46	5.21	<0.5
HH21-107911		1.95	32	238	41	217	379	53	5.96	<0.5
HH21-107912		2.02	98	905	82	533	541	50	5.17	<0.5
HH21-107913		1.85	85	654	67	446	413	45	4.86	<0.5
HH21-107914		1.99	17	349	43	267	503	52	6.83	<0.5
HH21-107915		1.90	4	214	33	105	518	58	8.44	<0.5
HH21-107916		1.76	12	111	17	188	444	61	8.10	<0.5
HH21-107917		2.02	17	125	20	200	447	63	7.59	<0.5
HH21-107918		2.11	15	127	22	187	453	67	7.85	<0.5
HH21-107919		2.01	12	112	17	181	422	59	7.02	<0.5
HH21-107920		2.24	22	184	45	248	509	62	7.09	<0.5
HH21-107921		2.23	24	273	39	220	512	66	7.75	<0.5
HH21-107922		1.97	9	166	24	91	432	63	7.95	<0.5
HH21-107923		1.79	16	198	33	145	486	63	7.74	<0.5
HH21-107924		1.83	28	249	33	225	560	66	7.92	<0.5
HH21-107925		1.90	32	143	25	128	451	63	7.90	<0.5



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CERTIFICATE OF ANALYSIS TB21281302

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107926		1.93	17	235	30	129	468	53	6.39	<0.5
HH21-107927		1.92	14	178	25	145	521	65	8.27	<0.5
HH21-107928		1.99	19	400	50	270	558	61	7.30	0.5
HH21-107929		1.46	<1	1	<5	2	4	<1	12.60	<0.5
HH21-107930		1.88	27	419	92	331	605	55	5.51	<0.5
HH21-107931		1.95	18	375	33	254	545	61	6.46	<0.5
HH21-107932		1.95	9	131	24	173	455	62	7.47	<0.5
HH21-107933		2.15	7	112	18	133	423	63	7.35	<0.5
HH21-107934		1.88	8	163	22	176	472	64	7.36	<0.5
HH21-107935		1.95	7	153	20	128	474	65	7.80	<0.5
HH21-107936		1.92	34	290	43	590	711	72	7.43	0.5
HH21-107937		2.00	31	247	37	590	648	62	6.49	0.5
HH21-107938		1.39	11	192	36	186	541	65	7.27	<0.5
HH21-107939		2.00	13	187	31	169	515	67	8.25	<0.5
HH21-107940		2.00	28	226	33	307	612	69	8.42	<0.5
HH21-107941		1.37	<1	13	<5	63	29	8	0.61	<0.5
HH21-107942		1.66	<1	1	<5	48	11	7	0.63	<0.5
HH21-107943		1.75	<1	2	<5	65	12	9	0.66	<0.5
HH21-107944		2.02	5	124	20	108	460	65	7.99	<0.5
HH21-107945		1.87	10	132	19	131	462	65	7.98	<0.5
HH21-107946		0.07	1890	1680	244	8770	637	51	4.64	5.3
HH21-107947		1.72	11	199	24	154	477	64	8.30	<0.5
HH21-107948		1.79	16	208	24	147	471	61	7.86	<0.5
HH21-107949		1.73	19	408	47	151	501	59	7.64	<0.5
HH21-107950		1.72	175	2350	281	1435	1590	80	8.49	0.7
HH21-107951		1.77	39	659	80	247	671	79	10.20	<0.5
HH21-107952		1.71	26	386	56	198	634	73	9.70	<0.5
HH21-107953		1.70	44	490	59	348	649	69	8.80	<0.5
HH21-107954		1.68	55	944	96	439	777	65	7.84	0.5
HH21-107955		2.49	76	1160	138	519	823	66	8.00	<0.5
HH21-107956		0.86	1	7	<5	78	20	6	0.45	<0.5
HH21-107957		1.51	<1	2	<5	38	13	5	0.55	<0.5
HH21-107958		1.61	<1	1	<5	6	10	5	0.46	<0.5
HH21-107959		1.61	<1	1	<5	7	9	4	0.43	<0.5
HH21-107960		1.72	<1	1	<5	2	10	3	0.38	<0.5
HH21-107961		1.45	<1	<1	<5	1	7	3	0.33	<0.5
HH21-107962		0.07	79	622	313	4530	4420	117	4.06	3.7
HH21-107963		1.61	<1	<1	<5	11	11	4	0.33	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21281302

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21281307

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 18-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21281307

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.5
HH21-107574		2.15	<1	2	<5				2	53	<1	12.35	<0.5
HH21-107575		2.39	4	23	9				153	316	50	5.25	<0.5
HH21-107576		2.09	8	149	24				173	313	48	5.08	<0.5
HH21-107577		2.31	7	55	16				214	336	52	5.28	<0.5
HH21-107578		2.38	14	102	27				402	384	58	5.38	0.6
HH21-107579		2.35	6	41	11				154	344	53	5.53	<0.5
HH21-107580		2.42	38	2910	211				410	678	67	5.17	0.6
HH21-107581		2.05	13	239	13				243	332	48	5.09	<0.5
HH21-107582		2.23	10	54	9				233	268	43	4.62	<0.5
HH21-107583		2.18	5	24	8				112	287	45	5.11	<0.5
HH21-107584		2.07	9	33	9				162	308	50	5.22	<0.5
HH21-107585		2.37	4	16	6				168	260	50	5.04	<0.5
HH21-107586		2.23	7	24	8				227	244	46	4.53	<0.5
HH21-107587		2.47	20	264	21				473	497	62	5.32	0.7
HH21-107588		2.26	26	249	46				454	477	58	5.45	0.7
HH21-107589		2.22	8	127	14				202	412	71	7.32	<0.5
HH21-107590		2.53	10	88	13				159	357	63	6.66	<0.5
HH21-107591		2.45	9	108	20				158	377	66	6.95	<0.5
HH21-107592		2.33	6	84	12				174	362	62	6.65	<0.5
HH21-107593		0.07	4660	2080	1320				87	83	64	0.25	0.9
HH21-107594		2.72	16	308	25				354	434	59	5.40	0.6
HH21-107595		2.55	11	123	16				227	316	52	5.12	<0.5
HH21-107596		2.47	22	192	16				215	343	48	5.09	0.9
HH21-107597		2.41	43	364	49				579	568	60	5.57	<0.5
HH21-107598		2.61	47	253	38				474	632	66	6.79	<0.5
HH21-107599		2.45	40	369	69				263	641	62	6.67	<0.5
HH21-107600		2.19	248	2760	308				1560	1855	81	5.43	0.7
HH21-107601		2.51	5	152	28				83	288	38	4.07	<0.5
HH21-107602		2.13	33	476	27				285	356	20	1.57	<0.5
HH21-107603		0.07	65	600	311				4460	4290	116	3.86	2.2
HH21-107604		2.33	397	3540	324				1865	1825	77	4.96	0.8
HH21-107605		2.30	475	>10000	880	470	9910	850	4210	4880	150	4.76	3.0
HH21-107606		2.53	59	1510	121				625	851	67	6.84	<0.5
HH21-107607		2.35	73	463	46				573	608	65	7.78	<0.5
HH21-107608		2.56	181	1360	188				1320	1400	88	7.21	0.6
HH21-107609		2.34	28	305	79				323	530	71	7.55	<0.5
HH21-107610		2.39	32	355	26				325	508	54	5.67	<0.5
HH21-107611		2.31	77	631	52				549	620	57	5.71	<0.5
HH21-107612		2.44	75	2150	140				654	868	64	5.42	0.7
HH21-107613		2.20	13	152	38				213	414	55	5.73	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 24-NOV-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21281307

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.5
HH21-107614		2.26	8	217	19				188	417	54	5.61	<0.5
HH21-107615		2.40	9	413	46				249	523	49	5.32	<0.5
HH21-107616		2.33	14	568	65				364	833	62	5.45	<0.5
HH21-107617		2.37	21	523	52				376	567	60	6.09	<0.5
HH21-107618		1.71	<1	2	<5				2	3	1	12.70	<0.5
HH21-107619		2.37	19	62	13				325	373	61	6.15	<0.5
HH21-107620		2.96	112	738	51				566	710	56	5.61	<0.5
HH21-107621		1.94	92	929	73				634	802	61	5.74	<0.5
HH21-107622		2.34	41	248	42				434	504	51	5.38	<0.5
HH21-107623		2.39	25	703	60				416	622	66	6.60	<0.5
HH21-107624		2.51	27	1000	128				279	718	66	7.96	<0.5
HH21-107625		2.39	19	98	20				433	405	52	5.13	<0.5
HH21-107626		2.31	30	150	17				521	528	66	6.57	<0.5
HH21-107627		2.42	18	54	11				372	578	80	8.52	<0.5
HH21-107628		2.33	9	50	10				254	362	53	5.36	<0.5
HH21-107629		0.07	1890	1640	238				8850	658	54	4.62	5.0
HH21-107630		2.27	11	16	5				295	300	55	5.46	<0.5
HH21-107631		2.47	34	178	30				413	508	65	6.11	<0.5
HH21-107632		2.27	43	262	31				580	521	58	5.42	<0.5
HH21-107633		2.38	39	467	38				464	560	57	4.54	<0.5
HH21-107634		2.31	277	1200	60				943	998	85	7.80	<0.5
HH21-107635		2.40	70	2280	184				696	1570	99	5.62	<0.5
HH21-107636		2.42	10	52	16				268	480	71	7.05	<0.5
HH21-107637		2.44	18	199	26				462	501	73	6.82	<0.5
HH21-107638		2.40	35	517	51				492	574	73	6.83	<0.5
HH21-107639		0.07	96	628	295				4680	4410	117	3.93	2.0
HH21-107640		2.36	29	414	53				364	494	74	6.83	<0.5
HH21-107641		2.35	5	13	<5				122	139	30	2.83	<0.5
HH21-107642		2.67	8	164	21				235	385	58	5.59	<0.5
HH21-107643		2.44	35	424	49				587	588	58	5.73	<0.5
HH21-107644		2.06	11	100	18				207	389	56	6.05	<0.5
HH21-107645		2.56	15	269	18				280	429	60	6.39	<0.5
HH21-107646		2.37	22	280	24				346	478	60	6.49	<0.5
HH21-107647		2.35	99	846	135				432	515	63	6.72	<0.5
HH21-107648		2.45	24	261	38				300	472	61	5.51	<0.5
HH21-107649		2.39	33	132	32				346	414	54	5.21	<0.5
HH21-107650		2.24	30	174	32				342	473	51	5.22	<0.5
HH21-107651		2.73	35	234	52				289	407	47	5.05	<0.5



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 24-NOV-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21281307

CERTIFICATE COMMENTS									
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"><tr><td style="width: 33%;">CRU-32</td><td style="width: 33%;">CRU-QC</td><td style="width: 33%;">LOG-21</td><td style="width: 33%;">LOG-23</td></tr><tr><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"><tr><td style="width: 33%;">ME-ICP61</td><td style="width: 33%;">PGM-ICP23</td><td style="width: 33%;">PGM-ICP27</td><td style="width: 33%;"></td></tr></table>	ME-ICP61	PGM-ICP23	PGM-ICP27					
ME-ICP61	PGM-ICP23	PGM-ICP27							



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CERTIFICATE TB21281309

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 18-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21281309

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
HH21-107652		2.30	<1	1	<5	2	2	1	12.30	<0.5
HH21-107653		2.47	26	243	34	323	497	64	5.88	<0.5
HH21-107654		2.30	58	407	44	640	554	57	5.31	<0.5
HH21-107655		2.51	56	244	40	510	544	63	6.05	<0.5
HH21-107656		2.58	27	61	14	302	364	51	5.34	<0.5
HH21-107657		2.61	43	180	31	610	475	59	5.11	<0.5
HH21-107658		2.37	28	164	38	337	574	55	5.28	<0.5
HH21-107659		2.50	116	406	68	939	785	69	5.58	0.7
HH21-107660		2.50	42	317	32	382	491	65	6.62	0.6
HH21-107661		2.43	45	257	42	558	711	68	6.91	<0.5
HH21-107662		2.29	14	63	10	338	313	43	4.25	<0.5
HH21-107663		2.40	42	630	89	494	594	60	4.62	<0.5
HH21-107664		2.23	33	226	27	408	500	57	5.62	0.6
HH21-107665		2.39	20	253	27	197	414	43	5.14	<0.5
HH21-107666		2.27	15	100	17	215	379	46	5.38	<0.5
HH21-107667		0.07	4710	2030	1280	85	83	62	0.25	0.8
HH21-107668		2.17	40	487	56	373	502	52	5.64	<0.5
HH21-107669		2.27	98	717	70	582	615	54	5.67	0.6
HH21-107670		2.32	11	150	10	138	169	23	2.62	<0.5
HH21-107671		2.36	13	270	28	191	335	46	5.05	<0.5
HH21-107672		2.38	25	201	17	295	397	51	5.27	<0.5
HH21-107673		2.00	27	226	18	293	329	49	4.93	<0.5
HH21-107674		2.22	343	1600	224	1925	1495	76	5.41	0.9
HH21-107675		2.28	139	855	148	1675	1525	79	6.04	1.0
HH21-107676		1.92	22	164	26	470	298	21	2.11	0.6
HH21-107677		2.12	120	996	117	1770	1315	66	5.05	0.9
HH21-107678		2.37	126	988	183	1175	1055	66	5.90	0.5
HH21-107679		2.33	174	962	160	1235	1115	72	7.28	0.6
HH21-107680		2.32	97	906	123	840	908	61	6.30	0.5
HH21-107681		2.24	76	1075	146	751	805	60	5.50	0.6
HH21-107682		2.30	46	793	76	669	745	51	5.33	0.6
HH21-107683		2.15	91	668	112	907	748	58	5.12	0.5
HH21-107684		0.07	120	622	322	4520	4320	115	4.01	2.2
HH21-107685		2.30	13	17	<5	163	231	46	4.58	<0.5
HH21-107686		2.21	8	24	<5	143	214	44	4.65	<0.5
HH21-107687		2.21	19	77	8	337	420	57	5.55	<0.5
HH21-107688		2.15	8	5	<5	176	248	50	5.07	<0.5
HH21-107689		2.44	6	11	<5	119	212	48	4.81	<0.5
HH21-107690		1.65	<1	1	<5	1	2	<1	12.45	<0.5
HH21-107691		2.35	5	4	<5	122	235	49	5.09	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21281309

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107692		2.32	7	7	<5	157	212	47	4.65	<0.5
HH21-107693		2.14	5	4	<5	119	215	48	4.78	<0.5
HH21-107694		2.22	24	19	7	349	289	54	5.00	<0.5
HH21-107695		2.11	25	20	<5	335	328	57	4.83	<0.5
HH21-107696		2.44	13	87	27	206	309	58	5.71	<0.5
HH21-107697		2.26	16	286	45	214	361	63	6.46	<0.5
HH21-107698		2.36	27	137	23	370	360	60	5.72	<0.5
HH21-107699		2.27	6	5	<5	137	189	43	4.25	<0.5
HH21-107700		2.22	7	6	<5	152	232	48	5.06	<0.5
HH21-107701		2.29	14	63	7	186	261	45	4.50	<0.5
HH21-107702		2.24	36	111	16	334	357	50	4.78	<0.5
HH21-107703		2.42	29	73	12	214	340	49	5.00	<0.5
HH21-107704		2.20	9	82	12	122	319	43	4.78	<0.5
HH21-107705		2.41	132	1670	103	951	988	59	4.88	1.2
HH21-107706		2.14	127	3060	193	1315	1650	78	4.80	0.9
HH21-107707		0.07	2040	1700	223	8300	613	48	4.40	4.7
HH21-107708		2.47	34	230	22	238	311	58	5.39	<0.5
HH21-107709		2.10	91	894	79	498	508	56	5.00	0.8
HH21-107710		2.27	25	66	14	164	374	47	5.15	<0.5
HH21-107711		2.27	39	179	16	277	438	47	5.00	<0.5
HH21-107712		2.09	21	68	17	164	292	50	5.35	<0.5
HH21-107713		2.41	25	170	24	156	321	46	5.24	<0.5
HH21-107714		2.39	45	693	45	512	463	49	4.97	<0.5
HH21-107715		2.37	22	193	23	158	298	54	5.14	<0.5
HH21-107716		0.07	96	627	302	4290	4140	111	3.88	1.9
HH21-107717		2.36	10	10	<5	119	209	43	4.17	<0.5
HH21-107718		2.38	12	41	10	145	252	47	4.86	<0.5
HH21-107719		2.44	147	550	48	423	388	54	5.45	<0.5
HH21-107720		2.29	49	780	63	553	584	68	6.23	<0.5
HH21-107721		2.26	28	730	86	164	368	64	6.80	<0.5
HH21-107722		2.33	25	114	18	188	345	65	6.15	<0.5
HH21-107723		2.64	12	30	13	110	246	47	4.91	<0.5
HH21-107724		2.10	9	70	17	70	305	52	5.59	<0.5
HH21-107725		2.32	13	30	8	109	281	54	5.33	<0.5
HH21-107726		2.27	11	70	21	94	273	44	5.00	<0.5
HH21-107727		2.32	79	1060	115	405	718	59	5.38	<0.5
HH21-107728		2.24	9	52	19	95	293	52	5.54	<0.5
HH21-107729		2.25	39	876	51	257	447	45	4.85	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21281309

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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 Finalized Date: 23-NOV-2021
 Account: MZI

CERTIFICATE TB21281311

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 18-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21281311

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107730		1.57	<1	1	<5	3	3	1	13.05	<0.5
HH21-107731		2.27	56	732	85	426	570	56	5.54	<0.5
HH21-107732		2.37	26	129	36	205	424	57	6.29	<0.5
HH21-107733		2.41	17	32	13	157	341	56	5.99	<0.5
HH21-107734		2.28	17	56	14	158	357	53	5.56	<0.5
HH21-107735		2.31	20	92	28	162	444	69	7.73	<0.5
HH21-107736		2.31	32	119	32	223	447	58	6.95	<0.5
HH21-107737		1.21	51	173	47	330	511	58	6.58	<0.5
HH21-107738		1.21	13	64	20	133	370	66	6.82	<0.5
HH21-107739		2.37	11	50	12	120	349	59	6.20	<0.5
HH21-107740		2.36	18	55	17	166	379	61	6.20	<0.5
HH21-107741		2.47	12	81	13	127	404	71	7.34	<0.5
HH21-107742		2.29	16	94	19	160	463	72	7.76	<0.5
HH21-107743		2.24	16	117	17	166	565	82	9.47	<0.5
HH21-107744		2.45	17	122	21	134	544	78	9.42	<0.5
HH21-107745		2.37	11	148	19	98	541	77	9.60	<0.5
HH21-107746		2.25	10	165	23	93	506	74	8.67	<0.5
HH21-107747		2.30	7	149	25	71	405	58	7.21	<0.5
HH21-107748		2.35	5	161	23	71	472	66	8.48	<0.5
HH21-107749		2.26	7	206	24	94	583	84	10.65	<0.5
HH21-107750		2.30	8	171	18	85	569	81	10.35	<0.5
HH21-107751		0.07	4430	1980	1290	90	86	63	0.26	0.7
HH21-107752		2.31	10	181	16	86	565	77	9.90	<0.5
HH21-107753		2.05	7	186	15	72	545	80	9.92	<0.5
HH21-107754		2.09	4	108	10	56	392	54	6.64	<0.5
HH21-107755		1.30	6	174	12	69	573	78	10.10	<0.5
HH21-107756		1.20	4	57	13	64	396	53	6.54	<0.5
HH21-107757		2.45	11	294	34	92	367	47	5.86	<0.5
HH21-107758		2.29	6	65	17	95	366	58	6.61	<0.5
HH21-107759		2.41	7	50	9	89	355	50	6.15	<0.5
HH21-107760		2.22	3	40	10	48	335	47	5.78	<0.5
HH21-107761		2.06	6	38	9	79	314	46	5.65	<0.5
HH21-107762		2.46	13	84	13	136	362	52	5.87	<0.5
HH21-107763		2.31	1	1	<5	104	92	55	3.48	<0.5
HH21-107764		0.07	76	602	327	4520	4190	111	3.74	2.1
HH21-107765		2.45	4	38	10	59	277	45	5.11	<0.5
HH21-107766		1.92	6	4	<5	212	59	29	1.84	<0.5
HH21-107767		1.54	4	2	<5	306	38	30	1.59	<0.5
HH21-107768		3.39	5	39	13	58	287	43	5.26	<0.5
HH21-107769		2.43	6	66	12	83	328	50	5.96	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 23-NOV-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21281311

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107770		2.37	6	29	9	80	305	45	5.46	<0.5
HH21-107771		2.48	13	232	25	135	376	49	5.70	<0.5
HH21-107772		2.21	5	30	11	85	316	48	5.82	<0.5
HH21-107773		2.55	4	36	13	80	306	47	5.63	<0.5
HH21-107774		2.13	6	65	20	75	293	46	5.30	<0.5
HH21-107775		2.06	7	102	17	73	314	48	5.63	<0.5
HH21-107776		2.22	6	66	18	77	330	49	6.09	<0.5
HH21-107777		2.43	6	59	19	85	339	50	6.12	<0.5
HH21-107778		2.54	6	48	19	84	339	50	6.06	<0.5
HH21-107779		1.43	<1	1	<5	1	4	<1	13.40	<0.5
HH21-107780		2.29	14	71	24	92	321	47	5.83	<0.5
HH21-107781		2.38	9	133	23	101	374	51	5.95	<0.5
HH21-107782		2.38	7	54	18	80	322	47	5.82	<0.5
HH21-107783		2.33	7	42	15	65	258	38	4.69	<0.5
HH21-107784		2.20	9	50	21	77	323	47	6.03	<0.5
HH21-107785		0.07	1990	1740	234	8440	614	48	4.43	4.7
HH21-107786		2.32	9	54	24	77	323	50	5.96	<0.5
HH21-107787		2.35	11	58	26	91	317	49	5.89	<0.5
HH21-107788		2.51	9	58	23	76	307	46	5.40	<0.5
HH21-107789		1.96	8	60	28	92	318	49	5.98	<0.5
HH21-107790		2.12	7	61	22	57	298	46	5.66	<0.5
HH21-107791		2.33	7	67	29	86	342	51	6.41	<0.5
HH21-107792		2.24	10	67	30	84	344	52	6.49	<0.5
HH21-107793		2.37	7	66	30	87	347	53	6.63	<0.5
HH21-107794		2.41	8	67	30	84	346	52	6.58	<0.5
HH21-107795		2.25	7	65	29	87	339	51	6.35	<0.5
HH21-107796		2.18	12	61	29	89	340	51	6.45	<0.5
HH21-107797		2.37	13	61	29	93	351	52	6.59	<0.5
HH21-107798		2.62	12	56	25	86	344	51	6.32	<0.5
HH21-107799		2.29	10	50	22	100	345	52	6.32	<0.5
HH21-107800		2.58	5	115	48	101	415	64	7.56	<0.5
HH21-107801		2.40	4	107	39	83	423	62	7.78	<0.5
HH21-107802		2.40	4	64	24	91	409	59	7.55	<0.5
HH21-107803		2.43	4	71	18	80	386	54	7.17	<0.5
HH21-107804		0.07	115	612	282	4430	4300	114	3.89	2.1
HH21-107805		2.45	5	38	11	84	391	53	7.36	<0.5
HH21-107806		2.41	5	44	14	77	393	54	7.35	<0.5
HH21-107807		2.40	11	154	22	92	374	54	7.08	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 23-NOV-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21281311

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Total # Pages: 3 (A)
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 Finalized Date: 26-NOV-2021
 Account: MZI

CERTIFICATE TB21284692

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 20-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 BUSINESS NUMBER 131081184
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 Finalized Date: 26-NOV-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21284692

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-107964		1.55	<1	1	<5	1	3	1	12.55	<0.5
HH21-107965		1.46	<1	2	<5	2	13	5	0.56	<0.5
HH21-107966		1.68	8	1	<5	8	12	5	0.55	<0.5
HH21-107967		1.54	<1	1	<5	10	15	5	0.71	<0.5
HH21-107968		1.52	<1	100	28	17	213	28	3.73	<0.5
HH21-107969		1.64	<1	13	6	14	32	5	0.74	<0.5
HH21-107970		1.83	5	269	51	58	559	72	9.93	<0.5
HH21-107971		1.87	6	367	59	43	748	89	12.10	<0.5
HH21-107972		2.02	5	425	87	36	792	86	11.65	<0.5
HH21-107973		1.96	5	278	46	38	661	77	10.50	<0.5
HH21-107974		2.04	35	1080	122	95	782	82	10.60	<0.5
HH21-107975		1.74	93	1620	194	281	969	68	7.75	<0.5
HH21-107976		1.73	91	1900	160	478	1105	64	6.98	0.5
HH21-107977		1.66	33	818	143	223	805	60	7.32	<0.5
HH21-107978		1.90	19	693	81	90	671	45	5.53	<0.5
HH21-107979		1.65	10	433	54	121	623	50	7.21	<0.5
HH21-107980		2.08	4	131	11	82	103	23	1.50	<0.5
HH21-107981		1.56	9	231	36	148	490	39	5.26	<0.5
HH21-107982		2.22	41	595	73	320	673	56	6.40	<0.5
HH21-107983		0.07	4980	2070	1360	86	85	64	0.25	1.1
HH21-107984		2.39	65	574	85	521	893	63	7.06	<0.5
HH21-107985		2.28	123	1090	209	929	1240	60	5.78	0.6
HH21-107986		2.24	82	883	161	646	1015	63	6.32	<0.5
HH21-107987		2.42	61	817	120	417	788	70	7.88	<0.5
HH21-107988		2.22	<1	10	5	15	53	19	1.60	<0.5
HH21-107989		1.82	2	11	<5	25	50	21	1.42	<0.5
HH21-107990		2.46	10	213	33	92	511	67	8.57	<0.5
HH21-107991		2.25	11	205	32	91	473	63	8.17	<0.5
HH21-107992		2.12	11	292	43	101	584	76	10.60	<0.5
HH21-107993		0.07	102	646	334	4620	4550	121	4.10	2.3
HH21-107994		3.05	13	269	44	106	594	79	10.90	<0.5
HH21-107995		2.18	24	271	42	150	634	80	11.00	<0.5
HH21-107996		2.33	52	440	56	228	667	76	10.50	<0.5
HH21-107997		2.75	85	1650	155	325	930	87	11.10	0.5
HH21-107998		2.48	54	1100	111	229	930	89	11.70	<0.5
HH21-107999		2.56	98	1040	107	697	729	92	7.32	<0.5
HH21-108000		2.12	79	1120	144	377	943	86	11.75	<0.5
HH21-108001		2.24	65	695	78	298	719	66	7.56	<0.5
HH21-108002		1.20	<1	2	<5	6	3	1	13.25	<0.5
HH21-108003		2.30	180	3240	190	1105	1460	65	5.69	0.7



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BUSINESS NUMBER 131081184
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 Total # Pages: 3 (A)
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 Finalized Date: 26-NOV-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21284692

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108004		2.57	183	2360	294	914	1280	69	6.74	1.2
HH21-108005		2.21	423	6130	584	2180	3030	116	9.79	1.4
HH21-108006		2.32	378	4110	335	2320	2240	84	6.81	0.9
HH21-108007		2.00	122	1140	108	585	991	60	6.70	0.5
HH21-108008		2.24	217	2130	167	1000	1420	70	7.18	0.5
HH21-108009		2.32	140	1810	130	795	1155	70	8.33	0.5
HH21-108010		2.49	71	1140	112	493	978	75	9.57	<0.5
HH21-108011		3.14	73	1550	189	507	1120	67	7.15	0.5
HH21-108012		2.02	15	180	39	191	599	73	9.30	<0.5
HH21-108013		2.41	7	173	35	115	512	74	9.79	<0.5
HH21-108014		1.33	13	253	51	176	512	65	8.50	<0.5
HH21-108015		1.69	6	58	11	133	445	65	8.59	<0.5
HH21-108016		2.19	5	274	56	104	478	69	9.36	<0.5
HH21-108017		1.45	11	293	65	127	476	68	9.18	<0.5
HH21-108018		1.94	9	229	44	124	462	67	9.15	<0.5
HH21-108019		2.95	13	281	45	164	573	83	11.10	<0.5
HH21-108020		2.42	8	260	31	130	589	88	11.95	<0.5
HH21-108021		0.07	1950	1680	236	8600	634	52	4.68	5.2
HH21-108022		2.25	8	272	40	124	538	79	11.00	<0.5
HH21-108023		2.34	8	319	48	133	569	86	11.65	<0.5
HH21-108024		2.19	7	340	44	122	573	90	11.95	<0.5
HH21-108025		2.82	13	302	39	130	590	93	12.05	<0.5
HH21-108026		2.20	18	422	48	194	578	90	11.65	<0.5
HH21-108027		1.87	12	55	17	109	285	49	5.44	<0.5
HH21-108028		1.82	31	73	9	235	272	42	4.69	<0.5
HH21-108029		1.97	49	643	71	390	469	51	5.04	0.5
HH21-108030		1.88	15	26	7	146	257	44	5.02	<0.5
HH21-108031		1.98	18	77	13	181	307	51	5.84	0.5
HH21-108032		1.88	17	85	16	235	357	48	5.32	<0.5
HH21-108033		2.23	21	617	52	230	538	74	8.38	<0.5
HH21-108034		3.21	21	386	48	170	434	79	9.07	<0.5
HH21-108035		2.07	46	517	117	224	387	62	6.61	<0.5
HH21-108036		0.07	52	630	298	4310	4230	110	3.78	2.2
HH21-108037		2.22	50	781	109	251	442	64	7.04	<0.5
HH21-108038		1.90	24	305	76	193	425	67	7.56	<0.5
HH21-108039		2.15	23	430	88	189	411	60	6.72	<0.5
HH21-108040		1.71	22	139	34	132	335	55	6.13	<0.5
HH21-108041		1.83	9	132	33	90	334	57	6.21	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 24-NOV-2021
 Account: MZI

CERTIFICATE TB21284694

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 20-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21284694

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	Ag
	Units LOD	kg	ppb	ppb	ppb	ppm	ppm	ppm	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108042		0.97	<1	1	<5	<1	2	1	13.00	<0.5
HH21-108043		1.95	6	105	24	123	326	57	6.29	<0.5
HH21-108044		1.95	72	788	119	944	876	85	8.27	0.5
HH21-108045		0.07	5160	2050	1340	89	87	64	0.26	0.6
HH21-108046		1.95	69	704	77	345	548	75	8.53	<0.5
HH21-108047		1.96	165	1860	297	758	723	66	6.65	0.7
HH21-108048		2.09	24	227	74	140	484	76	9.37	<0.5
HH21-108049		1.91	66	734	112	246	481	66	7.89	<0.5
HH21-108050		1.83	47	444	194	231	450	58	6.63	<0.5
HH21-108051		2.14	64	626	104	281	632	81	9.65	<0.5
HH21-108052		1.85	84	742	119	359	656	73	9.13	<0.5
HH21-108053		1.99	219	2490	414	1220	1405	91	9.89	0.6
HH21-108054		1.82	162	1460	173	734	830	72	8.64	<0.5
HH21-108055		2.10	26	385	79	174	541	68	8.56	<0.5
HH21-108056		2.39	109	1300	207	483	655	52	4.91	<0.5
HH21-108057		2.41	70	718	136	595	637	64	7.18	<0.5
HH21-108058		2.30	33	421	72	206	438	56	6.80	<0.5
HH21-108059		2.70	67	905	148	398	677	80	9.37	<0.5
HH21-108060		2.44	52	995	202	407	684	77	9.73	<0.5
HH21-108061		2.63	57	782	107	328	493	62	6.90	<0.5
HH21-108062		2.63	29	773	106	239	313	38	4.18	<0.5
HH21-108063		2.54	39	1280	271	372	554	36	3.52	0.5
HH21-108064		2.60	70	1220	200	383	452	31	3.01	0.5
HH21-108065		2.56	12	425	88	158	297	29	3.36	<0.5
HH21-108066		2.23	50	1620	391	477	284	25	2.27	<0.5
HH21-108067		0.07	70	607	324	4700	4450	117	3.94	2.2
HH21-108068		2.61	87	3210	296	1160	712	52	4.65	0.9
HH21-108069		2.23	34	1660	224	335	347	27	2.81	1.9
HH21-108070		2.12	117	1180	124	502	412	37	3.83	0.8
HH21-108071		2.46	82	1290	180	437	652	56	6.28	0.6
HH21-108072		2.41	37	294	42	297	479	56	6.87	<0.5
HH21-108073		2.37	94	871	92	356	516	58	6.56	<0.5
HH21-108074		2.46	31	282	51	124	427	51	6.83	<0.5
HH21-108075		2.48	25	316	59	142	407	51	6.46	<0.5
HH21-108076		2.29	106	1190	116	423	473	57	6.55	<0.5
HH21-108077		2.58	202	1920	191	1100	834	57	5.76	0.7
HH21-108078		2.26	225	3020	262	1100	866	55	5.39	0.6
HH21-108079		2.70	97	1040	158	383	564	50	5.58	<0.5
HH21-108080		2.36	21	1040	114	90	386	46	5.63	<0.5
HH21-108081		2.35	8	113	42	63	325	47	5.83	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
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THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21284694

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108082		2.37	16	111	44	69	316	46	5.54	<0.5
HH21-108083		2.40	30	103	41	123	296	45	5.18	<0.5
HH21-108084		2.51	101	1400	166	489	582	48	4.72	0.5
HH21-108085		2.39	123	1400	103	684	646	32	1.80	0.7
HH21-108086		1.76	1	4	<5	3	1	1	12.45	<0.5
HH21-108087		2.45	144	2650	242	893	963	56	5.02	0.6
HH21-108088		2.58	94	1340	221	905	925	56	5.03	0.7
HH21-108089		2.33	98	1220	111	514	611	40	3.47	0.7
HH21-108090		2.36	38	1740	224	681	756	42	3.39	0.9
HH21-108091		2.33	15	266	22	242	261	33	3.43	<0.5
HH21-108092		2.45	191	2800	290	1430	903	50	4.17	1.3
HH21-108093		2.23	67	2180	161	1020	922	51	3.90	0.9
HH21-108094		2.31	35	523	53	408	416	46	4.67	<0.5
HH21-108095		2.37	25	245	36	295	370	49	5.12	<0.5
HH21-108096		1.30	7	51	21	126	290	45	5.21	<0.5
HH21-108097		0.98	129	882	74	1250	604	50	5.42	1.4
HH21-108098		2.67	18	97	20	170	292	51	5.58	<0.5
HH21-108099		2.48	42	197	25	489	301	45	4.97	0.5
HH21-108100		1.26	5	166	15	131	233	32	3.93	<0.5
HH21-108101		1.45	8	235	20	155	71	11	0.80	<0.5
HH21-108102		0.07	1940	1650	229	8670	640	50	4.53	5.3
HH21-108103		1.25	7	17	5	183	16	7	0.44	<0.5
HH21-108104		2.05	2	72	7	63	36	6	0.42	<0.5
HH21-108105		1.79	2	163	13	193	68	10	0.69	<0.5
HH21-108106		1.78	1	22	5	19	3	4	0.39	<0.5
HH21-108107		1.81	<1	13	<5	36	9	5	0.45	<0.5
HH21-108108		1.97	<1	1	<5	12	1	4	0.41	<0.5
HH21-108109		1.82	<1	<1	<5	19	4	4	0.42	<0.5
HH21-108110		1.67	<1	8	<5	10	9	5	0.40	<0.5
HH21-108111		0.07	91	608	332	4670	4390	116	3.96	2.1
HH21-108112		2.17	<1	9	<5	23	6	5	0.42	<0.5
HH21-108113		2.44	1	41	5	18	14	5	0.42	<0.5
HH21-108114		2.04	1	11	<5	10	7	5	0.42	<0.5
HH21-108115		1.83	<1	1	<5	5	3	4	0.41	<0.5
HH21-108116		1.64	<1	1	<5	10	9	8	0.71	<0.5
HH21-108117		2.07	<1	<1	<5	11	7	5	0.46	<0.5
HH21-108118		1.99	<1	<1	<5	7	4	5	0.50	<0.5
HH21-108119		2.06	<1	1	<5	14	4	6	0.46	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB1284694

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21288235

Project: 18-101
 P.O. No.: 182449
 This report is for 44 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21288235

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108120		1.01	<1	1	<5	1	<1	<1	12.35	<0.5
HH21-108121		1.94	<1	<1	<5	12	6	6	0.59	<0.5
HH21-108122		1.39	<1	1	<5	13	8	10	1.05	<0.5
HH21-108123		1.85	<1	<1	<5	10	5	4	0.42	<0.5
HH21-108124		1.88	<1	<1	<5	37	6	5	0.41	<0.5
HH21-108125		2.20	<1	<1	<5	18	4	7	0.42	<0.5
HH21-108126		2.36	<1	11	<5	26	14	7	0.54	<0.5
HH21-108127		1.83	<1	1	<5	40	24	10	0.74	<0.5
HH21-108128		1.76	<1	<1	<5	25	24	11	0.78	<0.5
HH21-108129		1.91	<1	<1	<5	21	4	6	0.44	<0.5
HH21-108130		2.12	<1	<1	<5	9	3	6	0.45	<0.5
HH21-108131		2.22	<1	<1	<5	20	<1	5	0.52	<0.5
HH21-108132		2.78	<1	<1	<5	20	4	9	0.98	<0.5
HH21-108133		1.87	<1	<1	<5	33	4	13	0.96	<0.5
HH21-108134		1.87	2	57	<5	18	15	6	0.49	<0.5
HH21-108135		2.05	<1	<1	<5	40	4	5	0.42	<0.5
HH21-108136		0.07	4810	2050	1335	85	83	63	0.24	1.1
HH21-108137		2.24	<1	<1	<5	32	6	6	0.53	<0.5
HH21-108138		1.54	<1	<1	<5	88	14	18	1.15	<0.5
HH21-108139		1.85	<1	<1	<5	107	20	22	1.67	<0.5
HH21-108140		1.68	<1	1	<5	76	18	19	1.66	<0.5
HH21-108141		1.69	<1	55	10	44	58	24	1.67	<0.5
HH21-108142		1.98	1	71	14	114	66	22	1.57	<0.5
HH21-108143		2.05	1	254	55	162	102	22	1.47	<0.5
HH21-108144		2.04	2	147	33	205	111	22	1.41	<0.5
HH21-108145		1.63	5	100	20	113	45	18	1.37	<0.5
HH21-108146		1.65	3	183	35	190	92	24	1.59	<0.5
HH21-108147		1.82	1	5	<5	86	27	22	1.95	<0.5
HH21-108148		1.62	1	42	10	83	30	21	1.32	<0.5
HH21-108149		1.69	2	1	<5	5	7	11	0.01	<0.5
HH21-108150		2.20	4	79	11	133	56	26	1.87	<0.5
HH21-108151		1.98	1	1	<5	38	13	14	1.21	<0.5
HH21-108152		2.01	1	1	<5	42	19	15	1.09	<0.5
HH21-108153		1.82	<1	6	<5	118	37	25	1.71	<0.5
HH21-108154		1.87	<1	<1	<5	44	18	18	1.39	<0.5
HH21-108155		1.76	4	<1	<5	85	18	21	1.41	<0.5
HH21-108156		0.07	159	621	314	4350	4200	113	3.85	2.1
HH21-108157		1.73	5	1	<5	103	27	23	1.53	<0.5
HH21-108158		1.81	<1	1	<5	47	19	20	1.60	<0.5
HH21-108159		1.69	2	<1	<5	44	15	19	1.50	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21288235

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108160		1.97	<1	<1	<5	59	15	18	1.44	<0.5
HH21-108161		3.12	4	<1	<5	34	19	19	1.67	<0.5
HH21-108162		3.89	967	102	6	235	269	82	5.42	0.6
HH21-108163		1.95	17	119	7	192	409	67	6.84	<0.5



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CERTIFICATE OF ANALYSIS TB21288235

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21288237

Project: 18-101
 P.O. No.: 182449
 This report is for 34 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21288237

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108164		3.45	39	499	65	338	494	63	7.48	0.07	5.48	<0.5
HH21-108165		2.85	14	199	43	61	525	78	10.30	0.02	7.17	<0.5
HH21-108166		1.76	<1	5	<5	6	9	2	12.25	0.10	0.16	<0.5
HH21-108167		2.67	15	116	44	66	515	78	10.45	0.01	7.13	<0.5
HH21-108168		2.54	10	84	28	70	484	73	10.10	0.04	7.01	<0.5
HH21-108169		2.45	85	572	110	245	612	74	9.39	0.12	6.80	<0.5
HH21-108170		2.56	278	1210	242	625	889	80	9.23	0.12	7.07	<0.5
HH21-108171		2.85	218	987	186	566	838	77	8.82	0.12	6.52	<0.5
HH21-108172		0.07	1850	1640	208	8450	619	49	4.38	1.99	7.07	4.7
HH21-108173		1.99	39	484	120	141	354	45	5.27	0.06	4.10	<0.5
HH21-108174		2.46	199	3130	519	687	1280	83	4.91	0.59	4.44	<0.5
HH21-108175		2.48	68	736	111	265	439	50	5.31	0.09	4.43	<0.5
HH21-108176		2.48	87	1380	155	402	552	51	4.79	0.20	4.30	<0.5
HH21-108177		2.38	11	312	44	82	272	34	4.08	0.05	3.46	<0.5
HH21-108178		2.58	14	583	80	70	389	44	5.24	0.02	4.18	<0.5
HH21-108179		2.34	59	1390	198	328	634	58	5.98	0.29	5.03	<0.5
HH21-108180		2.51	69	1060	149	361	616	67	7.52	0.22	6.12	<0.5
HH21-108181		2.44	8	87	35	134	316	50	6.30	0.07	5.23	0.5
HH21-108182		2.52	5	62	24	131	243	39	4.67	0.06	4.24	<0.5
HH21-108183		2.48	13	55	23	360	234	38	4.43	0.08	4.14	<0.5
HH21-108184		2.89	10	118	34	154	261	40	4.78	0.05	4.29	<0.5
HH21-108185		3.46	2	160	31	74	339	50	6.38	0.10	5.53	<0.5
HH21-108186		1.87	5	374	55	151	405	50	6.06	0.21	6.51	<0.5
HH21-108187		2.56	32	913	107	284	551	64	6.45	0.10	6.05	<0.5
HH21-108188		2.76	69	1040	104	465	483	68	5.61	0.14	6.32	<0.5
HH21-108189		2.70	7	52	6	116	382	56	5.92	0.03	5.42	<0.5
HH21-108190		2.70	4	291	19	122	387	50	5.07	0.13	4.57	<0.5
HH21-108191		0.07	74	613	310	4870	5680	135	3.90	1.92	14.55	2.0
HH21-108192		2.64	8	273	35	116	385	42	4.49	0.03	3.82	<0.5
HH21-108193		3.00	10	11	<5	428	613	47	4.51	0.09	3.85	<0.5
HH21-108194		2.77	14	47	5	403	769	44	4.19	0.07	3.79	<0.5
HH21-108195		2.85	21	327	25	200	520	60	6.18	0.05	5.63	<0.5
HH21-108196		2.83	15	493	54	188	318	50	3.93	0.11	5.53	<0.5
HH21-108197		2.69	50	621	67	361	496	62	5.71	0.14	6.47	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Finalized Date: 30-NOV-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB1288237

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
 Plus Appendix Pages
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 Account: MZI

CERTIFICATE TB21288239

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21288239

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108198		2.27	1	<1	<5	1	3	<1	11.75	0.02	0.13	<0.5
HH21-108199		1.94	15	287	32	138	432	50	5.55	0.03	4.95	<0.5
HH21-108200		1.56	7	21	<5	130	350	49	5.55	0.03	4.64	<0.5
HH21-108201		2.53	37	527	64	223	528	70	7.45	0.07	6.24	<0.5
HH21-108202		2.08	132	2500	277	558	749	72	7.07	0.17	6.12	<0.5
HH21-108203		2.03	28	397	63	138	554	82	9.52	0.04	7.68	<0.5
HH21-108204		2.07	41	566	78	233	557	77	8.32	0.09	6.81	<0.5
HH21-108205		2.36	8	7	<5	77	403	55	6.10	0.01	5.21	<0.5
HH21-108206		1.99	38	341	38	262	495	67	7.20	0.07	6.01	<0.5
HH21-108207		2.42	43	498	67	271	502	65	6.72	0.07	5.78	<0.5
HH21-108208		2.09	48	915	100	256	537	64	6.53	0.07	5.78	<0.5
HH21-108209		2.20	35	702	83	212	411	51	6.06	0.05	4.80	<0.5
HH21-108210		0.07	5340	2060	1320	86	87	63	0.25	0.01	2.24	0.8
HH21-108211		2.28	19	175	16	244	398	59	6.09	0.06	5.23	<0.5
HH21-108212		2.43	82	1200	110	758	624	71	6.00	0.29	6.34	0.5
HH21-108213		2.44	27	173	28	297	586	64	6.73	0.10	5.60	<0.5
HH21-108214		2.31	51	839	103	385	716	80	8.76	0.16	6.83	<0.5
HH21-108215		2.15	99	1700	188	421	618	66	6.82	0.14	5.73	<0.5
HH21-108216		2.05	187	2950	323	745	893	81	7.99	0.24	6.62	<0.5
HH21-108217		2.03	43	357	47	189	565	84	10.30	0.06	7.60	<0.5
HH21-108218		2.21	10	56	7	47	533	89	11.95	0.02	8.31	<0.5
HH21-108219		2.00	167	2700	312	551	824	85	9.72	0.15	7.48	<0.5
HH21-108220		2.49	78	1480	161	289	628	71	7.85	0.07	6.38	<0.5
HH21-108221		2.29	48	862	104	202	468	58	6.44	0.04	5.31	<0.5
HH21-108222		2.26	77	1030	143	453	582	77	8.08	0.29	8.74	<0.5
HH21-108223		2.16	274	2720	272	2040	1010	107	8.65	0.78	10.30	1.1
HH21-108224		2.23	30	813	67	201	577	67	7.09	0.06	6.07	<0.5
HH21-108225		2.14	62	1150	115	275	613	69	8.17	0.08	6.38	<0.5
HH21-108226		1.99	65	863	112	261	624	80	9.56	0.08	7.25	<0.5
HH21-108227		2.22	20	415	49	130	494	71	8.72	0.04	6.43	<0.5
HH21-108228		1.97	37	846	100	274	461	49	5.28	0.16	4.68	<0.5
HH21-108229		2.29	48	739	125	318	485	58	6.44	0.13	5.44	<0.5
HH21-108230		0.07	98	619	320	4570	4380	118	4.06	1.68	14.70	2.0
HH21-108231		2.01	36	534	50	190	603	72	8.37	0.10	6.28	<0.5
HH21-108232		2.04	18	256	30	176	561	72	8.59	0.05	6.46	<0.5
HH21-108233		2.06	49	450	66	356	760	95	11.50	0.17	8.22	<0.5
HH21-108234		1.98	25	458	58	295	698	87	10.85	0.08	7.62	<0.5
HH21-108235		2.13	14	94	13	210	670	85	10.75	0.05	7.26	<0.5
HH21-108236		2.10	2	20	5	8	588	71	8.25	<0.01	6.44	<0.5
HH21-108237		2.07	11	174	18	115	550	53	5.72	0.03	4.77	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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CERTIFICATE OF ANALYSIS TB21288239

Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
Sample Description	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108238	3.23	21	305	41	191	348	43	4.53	0.09	4.38	<0.5
HH21-108239	2.13	91	203	21	472	118	12	0.80	0.09	1.38	0.6
HH21-108240	2.69	<1	<1	<5	3	1	<1	12.30	0.01	0.12	<0.5
HH21-108241	1.30	14	287	32	232	137	19	1.40	0.17	2.32	<0.5
HH21-108242	1.86	94	1870	266	2260	704	104	5.26	1.47	7.13	2.0
HH21-108243	2.34	24	621	90	205	430	50	5.49	0.09	4.90	<0.5
HH21-108244	2.07	80	684	86	340	537	63	6.48	0.08	5.64	<0.5
HH21-108245	2.19	143	1870	220	555	670	61	6.09	0.16	5.30	<0.5
HH21-108246	2.20	104	2120	240	480	636	58	5.37	0.18	4.88	<0.5
HH21-108247	2.22	11	255	33	59	322	42	4.82	0.02	4.08	<0.5
HH21-108248	2.31	18	905	137	101	350	35	4.05	0.03	3.62	<0.5
HH21-108249	2.20	15	615	84	80	363	41	4.35	0.02	3.73	<0.5
HH21-108250	2.08	33	857	94	191	434	50	4.85	0.07	4.32	<0.5
HH21-108251	2.16	16	1180	144	272	472	54	5.44	0.04	4.68	<0.5
HH21-108252	2.26	17	235	25	232	369	47	4.40	0.04	4.01	<0.5
HH21-108253	2.33	7	25	<5	153	273	41	4.13	0.03	3.65	<0.5
HH21-108254	2.28	42	958	126	498	552	63	5.92	0.27	5.51	0.5
HH21-108255	2.24	28	937	113	298	453	44	3.59	0.16	3.54	<0.5
HH21-108256	2.54	22	1250	132	174	430	40	3.52	0.09	3.39	<0.5
HH21-108257	3.11	53	1840	228	296	529	57	4.99	0.21	4.99	<0.5
HH21-108258	1.69	111	1260	172	581	667	90	7.92	0.43	9.06	0.6
HH21-108259	2.35	73	783	101	382	516	89	8.06	0.32	9.17	<0.5
HH21-108260	0.07	1840	1760	228	9110	669	54	4.69	2.07	7.63	5.2
HH21-108261	2.24	213	4270	503	814	1050	78	6.76	0.28	6.46	0.8
HH21-108262	2.03	146	2470	272	577	695	68	6.23	0.23	6.65	0.5
HH21-108263	2.83	138	1920	218	1130	624	69	4.59	0.53	6.21	0.9
HH21-108264	2.30	49	1160	122	353	401	38	3.27	0.10	3.75	<0.5
HH21-108265	0.07	64	621	330	4650	4680	126	4.07	1.69	15.05	2.7
HH21-108266	2.33	9	147	13	171	256	32	3.40	0.04	3.16	<0.5
HH21-108267	2.05	8	45	5	126	208	34	3.33	0.03	3.02	<0.5
HH21-108268	2.48	13	4	<5	139	221	34	3.33	0.03	2.99	<0.5
HH21-108269	2.34	16	221	28	145	366	52	5.54	0.04	4.52	<0.5
HH21-108270	2.31	17	64	8	151	242	33	3.31	0.02	2.95	<0.5
HH21-108271	2.36	28	268	33	238	282	33	3.30	0.05	2.98	<0.5
HH21-108272	2.39	16	146	16	172	255	33	3.52	0.03	3.10	<0.5
HH21-108273	2.41	91	1480	213	393	493	47	4.24	0.10	3.91	<0.5
HH21-108274	2.48	214	3390	403	876	924	74	7.12	0.26	6.12	0.5
HH21-108275	2.45	94	1900	225	283	534	49	5.26	0.06	4.43	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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Project: 18-101

CERTIFICATE OF ANALYSIS TB21288239

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21292543

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 27-OCT-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21292543

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOD	Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108276		1.97	<1	<1	<5	1	<1	<1	12.10	0.01	0.08	<0.5
HH21-108277		2.14	441	5170	595	933	1195	79	7.11	0.30	6.32	<0.5
HH21-108278		2.13	484	5770	659	1235	1335	82	7.14	0.42	6.14	1.0
HH21-108279		2.13	13	120	19	106	254	34	3.49	0.02	3.21	<0.5
HH21-108280		2.23	164	2370	246	600	746	64	5.04	0.28	5.66	<0.5
HH21-108281		1.96	16	344	53	151	261	32	3.27	0.05	3.00	<0.5
HH21-108282		1.98	23	764	94	186	332	33	3.27	0.04	2.91	<0.5
HH21-108283		2.12	499	7070	826	1420	1440	78	5.96	0.43	5.82	0.9
HH21-108284		0.07	4750	2000	1300	91	90	65	0.27	0.02	2.32	0.7
HH21-108285		2.17	624	6270	748	1400	1440	103	9.63	0.52	8.68	0.7
HH21-108286		2.12	320	3600	426	850	944	76	6.78	0.31	6.14	<0.5
HH21-108287		2.19	184	2040	239	452	689	64	6.63	0.10	5.21	0.5
HH21-108288		2.19	326	4760	529	881	1110	78	7.29	0.19	6.18	0.5
HH21-108289		2.23	292	3000	374	776	821	68	6.56	0.16	5.50	0.5
HH21-108290		2.23	224	4030	424	610	718	60	6.13	0.13	5.01	0.5
HH21-108291		2.25	244	3860	466	694	809	68	6.11	0.21	5.57	0.5
HH21-108292		2.18	145	1860	336	534	687	69	6.46	0.15	6.39	<0.5
HH21-108293		2.16	208	2290	267	789	906	79	6.95	0.27	6.65	0.7
HH21-108294		2.20	284	3220	415	1160	1170	93	7.60	0.47	7.75	0.8
HH21-108295		2.05	47	401	65	172	361	53	5.91	0.06	5.18	<0.5
HH21-108296		2.05	15	125	25	69	336	53	6.26	0.03	5.09	<0.5
HH21-108297		2.22	10	125	26	120	266	42	4.96	0.22	4.59	<0.5
HH21-108298		2.16	350	4020	459	1190	796	62	4.84	0.72	5.61	0.5
HH21-108299		0.07	62	601	321	4430	4340	117	3.98	1.57	14.45	2.3
HH21-108300		2.11	406	4460	521	1280	1030	84	7.26	0.39	6.92	0.6
HH21-108301		2.23	247	3800	442	745	918	78	7.41	0.24	6.49	0.6
HH21-108302		2.08	199	2110	259	526	647	66	6.53	0.13	5.96	0.5
HH21-108303		2.09	502	8040	960	1510	1720	110	6.73	0.66	7.05	0.7
HH21-108304		2.04	358	6540	737	1090	1280	72	5.89	0.25	5.49	0.5
HH21-108305		2.19	216	3470	387	644	826	68	6.55	0.14	5.85	<0.5
HH21-108306		2.11	16	118	26	86	286	42	5.18	0.01	4.27	<0.5
HH21-108307		2.02	20	97	17	84	290	44	5.22	0.01	4.40	<0.5
HH21-108308		2.09	46	501	70	175	416	56	6.00	0.05	5.15	<0.5
HH21-108309		1.99	268	2820	383	878	972	88	8.66	0.29	7.63	0.5
HH21-108310		2.06	44	468	70	226	463	69	7.76	0.07	6.74	<0.5
HH21-108311		2.18	5	133	28	33	315	49	6.21	0.01	4.70	<0.5
HH21-108312		2.25	7	122	22	49	314	49	6.15	0.01	4.69	<0.5
HH21-108313		2.01	2	160	40	32	339	49	6.27	0.01	4.73	<0.5
HH21-108314		1.75	<1	1	<5	1	<1	1	12.45	0.01	0.10	<0.5
HH21-108315		2.10	8	265	42	63	349	52	6.06	0.02	4.87	<0.5



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21292543

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108316		2.27	161	1700	217	740	897	114	11.30	0.23	11.05	<0.5
HH21-108317		2.22	68	494	70	240	574	106	11.45	0.08	10.95	<0.5
HH21-108318		2.14	114	1720	190	813	915	100	9.01	0.44	9.61	0.5
HH21-108319		2.32	116	1940	206	537	810	75	5.89	0.43	6.47	<0.5
HH21-108320		2.20	239	2330	265	974	941	93	8.04	0.37	8.92	0.6
HH21-108321		2.23	5	128	32	65	374	66	7.52	0.02	6.09	<0.5
HH21-108322		2.21	14	224	41	88	389	67	7.76	0.04	6.12	<0.5
HH21-108323		2.37	139	2170	271	825	942	99	8.65	0.42	9.90	<0.5
HH21-108324		2.20	44	490	66	312	324	55	4.39	0.22	5.38	<0.5
HH21-108325		2.19	2	111	15	55	232	27	2.94	0.04	2.94	<0.5
HH21-108326		2.14	1	224	30	31	236	25	2.65	0.01	2.59	<0.5
HH21-108327		2.30	12	829	88	42	276	28	2.91	0.01	2.75	<0.5
HH21-108328		2.23	5	185	24	39	284	37	3.83	0.01	3.42	<0.5
HH21-108329		1.77	<1	126	19	17	184	22	2.07	<0.01	2.39	<0.5
HH21-108330		2.48	80	2320	293	360	549	49	3.98	0.17	4.05	<0.5
HH21-108331		2.10	57	2320	269	296	510	51	4.33	0.14	4.46	<0.5
HH21-108332		2.51	45	1470	181	290	430	44	3.88	0.11	3.88	<0.5
HH21-108333		2.65	8	148	18	103	296	40	4.67	0.04	4.28	<0.5
HH21-108334		0.07	1980	1715	234	8450	632	49	4.36	2.00	7.19	4.8
HH21-108335		2.50	26	1470	168	494	534	72	3.85	0.94	4.87	0.6
HH21-108336		2.66	3	175	28	42	211	27	2.61	0.02	2.69	<0.5
HH21-108337		2.12	5	352	41	363	199	31	2.55	0.37	2.98	<0.5
HH21-108338		2.23	55	4190	472	564	816	63	3.30	1.31	4.77	<0.5
HH21-108339		1.90	21	1245	136	317	395	36	2.98	0.35	3.41	<0.5
HH21-108340		2.17	14	246	34	127	266	31	2.70	0.03	2.87	<0.5
HH21-108341		2.25	15	98	12	129	235	28	2.28	0.05	2.56	<0.5
HH21-108342		2.13	15	75	10	172	281	34	3.00	0.04	3.33	<0.5
HH21-108343		2.14	20	407	46	234	354	38	3.52	0.07	4.02	<0.5
HH21-108344		2.06	12	292	35	217	335	38	3.36	0.04	3.66	<0.5
HH21-108345		0.07	88	627	311	4430	4300	113	3.79	1.62	14.15	2.2
HH21-108346		1.87	3	190	25	156	276	30	2.71	0.01	2.97	<0.5
HH21-108347		2.07	35	897	95	275	369	36	2.98	0.05	3.22	<0.5
HH21-108348		2.55	15	212	21	334	227	40	2.82	0.18	4.27	0.5
HH21-108349		1.38	7	562	66	71	190	18	1.70	0.03	2.03	<0.5
HH21-108350		2.04	15	796	90	111	253	22	1.79	0.08	2.05	<0.5
HH21-108351		2.02	12	1095	120	112	256	22	1.68	0.07	1.91	<0.5
HH21-108352		2.14	2	373	40	42	201	23	2.12	0.02	2.23	<0.5
HH21-108353		2.05	14	31	<5	313	365	42	4.04	0.06	3.57	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21292543

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Finalized Date: 8-DEC-2021
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CERTIFICATE TB21299760

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 3-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21299760

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	LOD	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108354		1.79	<1	<1	<5	1	<1	1	11.80	0.03	0.08	<0.5
HH21-108355		2.41	1	38	<5	36	169	23	2.81	0.01	2.61	0.5
HH21-108356		2.41	13	180	17	6	162	22	1.63	<0.01	1.89	<0.5
HH21-108357		2.43	2	155	17	66	254	29	2.92	0.03	2.71	<0.5
HH21-108358		2.42	2	10	<5	37	200	28	2.89	0.01	2.75	<0.5
HH21-108359		2.48	6	203	19	126	359	38	3.41	0.05	3.15	<0.5
HH21-108360		2.24	6	111	12	132	274	30	2.76	0.05	2.71	<0.5
HH21-108361		2.26	1	10	<5	49	200	25	2.59	0.01	2.54	<0.5
HH21-108362		2.28	9	25	<5	259	362	40	3.66	0.09	3.42	<0.5
HH21-108363		2.34	16	398	55	374	424	52	4.82	0.19	4.46	<0.5
HH21-108364		2.38	6	33	<5	165	333	48	5.10	0.05	4.27	<0.5
HH21-108365		2.39	12	25	<5	229	323	42	4.16	0.08	3.70	<0.5
HH21-108366		2.38	10	199	18	149	323	45	4.63	0.05	4.08	<0.5
HH21-108367		2.18	2	2	<5	109	264	42	4.64	0.03	3.91	<0.5
HH21-108368		2.11	5	23	<5	296	526	75	8.41	0.62	6.07	<0.5
HH21-108369		0.07	4960	2020	1280	88	86	63	0.26	0.01	2.32	0.8
HH21-108370		2.11	13	6	<5	309	441	54	5.77	0.10	4.54	<0.5
HH21-108371		2.23	11	188	17	153	368	55	6.14	0.07	5.02	<0.5
HH21-108372		2.42	5	31	<5	88	290	52	6.03	0.03	4.85	<0.5
HH21-108373		2.22	6	171	18	126	349	59	6.75	0.05	5.25	<0.5
HH21-108374		2.30	1	<1	<5	77	300	56	6.44	0.03	5.02	<0.5
HH21-108375		2.19	2	<1	<5	70	307	57	6.71	0.03	5.08	<0.5
HH21-108376		2.21	73	1520	166	346	501	75	8.18	0.12	6.28	<0.5
HH21-108377		2.35	2	3	<5	78	272	50	6.07	0.03	4.75	<0.5
HH21-108378		0.07	92	650	322	4450	4200	110	3.87	1.61	14.10	2.1
HH21-108379		2.34	6	92	11	92	292	51	5.83	0.04	4.75	<0.5
HH21-108380		2.30	4	1	<5	93	273	51	5.94	0.04	4.66	<0.5
HH21-108381		2.29	2	2	<5	81	273	53	6.23	0.04	4.93	<0.5
HH21-108382		2.31	2	1	<5	99	290	53	6.40	0.04	4.97	<0.5
HH21-108383		2.33	3	5	<5	108	279	51	6.17	0.05	4.85	<0.5
HH21-108384		2.20	3	4	<5	97	276	52	6.05	0.04	4.77	<0.5
HH21-108385		2.06	5	34	6	104	271	51	5.91	0.04	4.65	<0.5
HH21-108386		2.52	3	1	<5	94	272	54	5.56	0.04	4.43	<0.5
HH21-108387		2.07	56	1560	188	368	502	55	5.25	0.11	4.66	<0.5
HH21-108388		2.32	141	1000	138	364	544	69	6.65	0.15	6.01	<0.5
HH21-108389		2.28	17	438	54	140	393	57	6.11	0.03	4.88	<0.5
HH21-108390		2.34	4	114	16	51	260	41	4.72	0.11	3.94	<0.5
HH21-108391		2.05	5	94	20	40	341	52	5.91	0.02	4.64	<0.5
HH21-108392		2.28	10	98	21	68	334	53	5.66	0.02	4.51	<0.5
HH21-108393		2.31	7	115	22	50	300	49	5.11	0.02	4.24	<0.5



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CERTIFICATE OF ANALYSIS TB21299760

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108394		1.20	<1	1	<5	1	<1	<1	13.35	0.02	0.08	<0.5
HH21-108395		2.64	17	114	30	71	348	55	5.82	0.01	4.68	<0.5
HH21-108396		2.93	12	236	73	139	303	49	5.07	0.04	4.39	<0.5
HH21-108397		1.74	6	115	51	64	385	64	7.08	0.03	5.58	<0.5
HH21-108398		2.13	12	265	77	107	387	55	6.24	0.13	5.30	<0.5
HH21-108399		2.44	35	814	180	230	388	51	5.02	1.03	5.05	<0.5
HH21-108400		2.00	17	130	30	106	269	43	4.65	0.03	3.96	<0.5
HH21-108401		2.68	16	95	27	78	268	42	4.45	0.02	3.91	<0.5
HH21-108402		2.33	69	982	237	230	431	56	5.56	0.07	4.79	<0.5
HH21-108403		2.20	44	662	156	116	390	54	5.59	0.04	4.89	<0.5
HH21-108404		2.23	21	624	122	110	518	74	8.09	0.04	6.30	<0.5
HH21-108405		2.23	27	635	101	82	424	63	7.16	0.02	5.40	<0.5
HH21-108406		2.44	32	490	93	145	489	76	7.94	0.05	6.72	<0.5
HH21-108407		2.21	24	245	60	120	382	61	6.19	0.04	5.36	<0.5
HH21-108408		0.07	2020	1710	209	8640	636	52	4.48	2.03	7.41	4.8
HH21-108409		2.21	18	132	27	104	408	69	7.53	0.03	6.29	<0.5
HH21-108410		2.36	59	741	114	253	492	73	7.27	0.10	6.57	<0.5
HH21-108411		2.28	7	53	15	54	427	76	8.36	0.01	6.58	<0.5
HH21-108412		2.21	13	61	17	84	418	71	8.55	0.02	6.48	<0.5
HH21-108413		2.28	10	58	19	80	421	73	8.62	0.03	6.58	<0.5
HH21-108414		2.22	55	466	72	313	568	82	9.31	0.14	7.11	<0.5
HH21-108415		2.51	41	377	56	256	557	81	9.32	0.10	7.25	<0.5
HH21-108416		2.45	13	78	22	104	470	82	9.92	0.04	7.42	<0.5
HH21-108417		2.55	12	87	23	108	457	77	9.35	0.04	7.01	<0.5
HH21-108418		2.48	17	130	29	134	500	82	9.86	0.05	7.36	<0.5
HH21-108419		2.43	13	76	20	102	460	79	9.79	0.04	7.20	<0.5
HH21-108420		1.82	11	91	23	92	435	78	8.90	0.04	6.77	<0.5
HH21-108421		3.05	22	178	32	151	463	79	8.68	0.06	6.71	<0.5
HH21-108422		2.41	27	192	36	179	477	78	9.67	0.06	7.17	<0.5
HH21-108423		2.12	14	153	30	100	449	75	9.43	0.03	7.12	<0.5
HH21-108424		2.26	17	119	29	117	493	86	10.65	0.04	7.97	<0.5
HH21-108425		2.03	11	113	26	100	500	87	10.70	0.04	8.04	<0.5
HH21-108426		2.35	12	121	28	214	533	87	10.60	0.07	7.92	<0.5
HH21-108427		2.13	13	119	30	107	516	86	10.95	0.04	7.93	<0.5
HH21-108428		0.07	72	619	318	4600	4980	123	3.97	1.73	14.65	2.1
HH21-108429		2.17	16	124	34	103	509	85	10.75	0.04	7.93	<0.5
HH21-108430		2.33	13	106	26	93	496	85	10.70	0.03	7.85	<0.5
HH21-108431		2.10	16	139	34	89	498	86	10.60	0.04	7.88	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21299760

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
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 Finalized Date: 17-DEC-2021
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CERTIFICATE TB21306910

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 10-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21306910

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108510		1.77	<1	1	<5	3	5	<1	12.15	0.01	0.14	<0.5
HH21-108511		2.28	29	222	41	150	505	77	10.20	0.05	7.26	<0.5
HH21-108512		2.62	22	164	34	131	507	79	10.75	0.04	7.62	<0.5
HH21-108513		2.25	37	160	31	128	504	79	10.60	0.04	7.53	<0.5
HH21-108514		2.37	22	180	33	81	514	81	10.90	0.02	7.96	<0.5
HH21-108515		2.55	8	90	23	45	343	53	6.79	0.01	5.29	<0.5
HH21-108516		2.10	39	268	46	180	511	75	9.91	0.05	7.10	<0.5
HH21-108517		0.07	5320	2100	1340	85	82	59	0.28	0.01	2.31	0.8
HH21-108518		2.41	21	137	31	127	513	82	10.65	0.04	7.64	<0.5
HH21-108519		2.91	27	271	46	83	517	75	10.05	0.02	7.45	<0.5
HH21-108520		2.16	23	149	31	89	507	73	9.48	0.01	7.21	<0.5
HH21-108521		2.17	69	618	80	333	559	63	7.66	0.13	6.21	<0.5
HH21-108522		2.34	20	90	21	96	483	73	9.72	0.02	7.26	<0.5
HH21-108523		2.26	15	186	44	62	531	77	10.55	0.02	8.18	<0.5
HH21-108524		2.42	67	748	75	328	399	58	6.27	0.08	6.41	<0.5
HH21-108525		2.69	48	508	63	230	436	62	6.96	0.05	6.25	<0.5
HH21-108526		1.65	33	174	31	106	457	67	8.74	0.03	6.51	<0.5
HH21-108527		2.91	66	174	32	206	510	83	10.20	0.06	7.62	0.5
HH21-108528		2.15	114	697	110	580	454	59	4.64	0.28	6.54	0.5
HH21-108529		2.20	88	638	101	439	414	55	4.99	0.16	6.24	0.6
HH21-108530		2.42	27	157	32	158	319	54	5.30	0.08	6.32	<0.5
HH21-108531		2.50	86	518	71	436	419	61	5.83	0.14	6.30	0.6
HH21-108532		2.15	27	233	39	140	324	52	5.90	0.05	5.01	<0.5
HH21-108533		0.07	80	606	273	4530	4390	118	4.06	1.69	14.70	2.4
HH21-108534		2.22	16	102	20	96	302	51	5.78	0.04	4.91	<0.5
HH21-108535		2.12	25	180	32	139	430	70	8.11	0.05	6.24	<0.5
HH21-108536		2.47	65	777	82	279	599	87	9.99	0.12	7.90	<0.5
HH21-108537		2.20	31	121	29	94	520	87	11.00	0.03	7.86	<0.5
HH21-108538		2.08	39	157	36	107	526	87	11.00	0.04	7.74	0.5
HH21-108539		2.20	60	235	42	149	556	88	10.85	0.05	7.71	<0.5
HH21-108540		2.12	51	239	49	151	523	82	10.40	0.06	7.35	<0.5
HH21-108541		2.50	35	189	35	104	525	83	10.25	0.03	7.41	<0.5
HH21-108542		2.38	61	324	58	158	593	89	10.90	0.06	7.95	0.5
HH21-108543		2.48	104	400	68	290	633	87	10.80	0.08	7.83	0.6
HH21-108544		2.38	175	633	106	447	740	90	10.70	0.13	7.83	0.5
HH21-108545		2.05	242	1270	205	791	975	96	10.20	0.27	8.01	0.7
HH21-108546		2.26	174	1235	146	489	758	86	9.74	0.16	7.47	0.5
HH21-108547		2.57	458	3800	474	1825	1440	90	5.59	0.92	8.02	1.1
HH21-108548		2.20	12	119	32	82	417	68	8.36	0.03	6.11	0.5
HH21-108549		2.64	103	951	144	507	712	65	6.76	0.20	5.94	0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB21306910

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Pd	Pt	Cu	Ni	Co	Mg	S	Fe	Ag
		kg	ppb	ppb	ppb	ppm	ppm	ppm	%	%	%	ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108550		2.09	76	807	108	488	518	63	5.52	0.24	6.06	0.6
HH21-108551		1.81	<1	3	<5	2	2	1	13.10	0.01	0.09	<0.5
HH21-108552		2.51	20	204	39	107	477	68	7.94	0.02	6.19	<0.5
HH21-108553		2.09	115	635	95	362	614	74	8.38	0.11	6.28	<0.5
HH21-108554		1.97	10	122	30	71	375	61	7.42	0.03	5.58	<0.5
HH21-108555		2.22	14	110	29	93	415	69	8.11	0.08	6.24	<0.5
HH21-108556		2.21	11	93	26	74	426	72	8.51	0.02	6.45	<0.5
HH21-108557		2.20	16	180	28	109	471	71	8.23	0.02	6.45	<0.5
HH21-108558		2.10	23	804	103	139	614	81	9.11	0.05	7.28	<0.5
HH21-108559		2.29	19	68	17	132	500	76	9.48	0.03	6.82	0.5
HH21-108560		2.13	5	47	13	49	230	37	4.42	0.02	3.36	<0.5
HH21-108561		2.32	7	74	15	47	270	42	5.10	0.01	4.06	<0.5
HH21-108562		2.35	8	108	29	104	590	94	12.10	0.03	8.59	<0.5
HH21-108563		2.52	9	80	26	83	543	87	11.20	0.03	8.05	<0.5
HH21-108564		2.34	7	98	27	78	549	87	11.00	0.03	8.01	<0.5
HH21-108565		2.37	6	115	27	61	452	73	8.78	0.02	6.45	<0.5
HH21-108566		2.46	4	168	33	66	414	68	8.31	0.02	6.21	<0.5
HH21-108567		2.41	17	182	34	117	419	63	7.66	0.04	5.76	0.6
HH21-108568		2.18	10	126	27	93	411	65	7.62	0.03	5.78	0.5
HH21-108569		1.99	11	122	28	84	417	67	8.08	0.02	5.87	<0.5
HH21-108570		1.84	55	578	94	359	531	84	8.57	0.20	8.49	0.6
HH21-108571		0.07	1945	1615	237	8410	627	51	4.53	2.03	7.34	5.4
HH21-108572		2.16	36	259	45	187	336	52	5.51	0.09	5.48	0.6
HH21-108573		2.11	19	235	40	87	372	60	6.56	0.03	5.45	<0.5
HH21-108574		2.49	77	1130	147	438	637	84	7.67	0.26	8.90	0.7
HH21-108575		2.15	191	2770	346	733	923	124	11.80	0.52	11.80	0.8
HH21-108576		1.44	6	170	28	32	437	73	9.07	0.01	6.41	0.5
HH21-108577		2.94	34	507	74	225	527	67	7.36	0.09	5.84	0.5
HH21-108578		0.07	70	600	317	4390	4290	116	3.99	1.61	14.45	2.4
HH21-108579		1.93	25	166	31	153	324	50	5.73	0.04	4.63	<0.5
HH21-108580		2.59	9	73	15	83	420	70	8.55	0.02	6.22	<0.5
HH21-108581		2.33	16	312	48	133	448	64	8.24	0.02	6.25	<0.5
HH21-108582		2.16	11	101	27	89	505	77	9.56	0.05	6.86	<0.5
HH21-108583		2.14	22	252	45	111	484	69	8.25	0.06	6.12	<0.5
HH21-108584		1.77	12	124	31	84	529	80	10.30	0.04	7.26	0.5
HH21-108585		2.80	18	497	91	118	547	82	9.31	0.09	8.05	<0.5
HH21-108586		2.11	223	3000	405	1705	1290	110	5.62	1.03	8.60	1.3
HH21-108587		1.90	6	91	21	70	375	61	7.13	0.03	5.59	<0.5



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556 TENTH AVE
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CERTIFICATE OF ANALYSIS TB21306910

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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CERTIFICATE TB21306911

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 10-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21306911

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108432		0.98	<1	<1	<5	4	4	1	13.30	<0.01	0.08	<0.5
HH21-108433		2.23	29	164	33	133	518	90	10.90	0.07	8.72	<0.5
HH21-108434		2.26	15	140	31	92	477	85	10.35	0.04	8.04	<0.5
HH21-108435		2.10	10	92	23	70	470	84	10.50	0.03	7.83	<0.5
HH21-108436		2.33	12	77	24	69	458	82	10.25	0.03	7.67	<0.5
HH21-108437		2.73	46	387	57	151	523	90	10.55	0.08	7.79	<0.5
HH21-108438		2.04	84	989	123	242	470	63	7.28	0.08	5.77	<0.5
HH21-108439		1.94	16	188	38	104	362	59	7.22	0.03	5.56	<0.5
HH21-108440		2.20	44	600	75	202	424	60	6.98	0.09	5.57	<0.5
HH21-108441		2.13	27	310	52	152	382	56	6.69	0.07	5.18	<0.5
HH21-108442		2.03	11	186	28	96	324	52	6.38	0.09	5.00	<0.5
HH21-108443		2.00	12	78	15	108	309	49	6.38	0.08	4.81	<0.5
HH21-108444		2.07	19	89	15	119	334	53	6.82	0.02	5.05	<0.5
HH21-108445		2.09	13	112	18	85	337	54	6.75	0.02	5.12	<0.5
HH21-108446		2.15	23	125	21	85	327	54	6.53	0.02	4.95	<0.5
HH21-108447		2.00	7	64	12	50	318	53	6.36	0.02	4.99	<0.5
HH21-108448		2.07	36	179	31	75	335	56	6.53	0.04	5.07	<0.5
HH21-108449		2.25	29	135	24	90	336	53	6.51	0.02	5.01	<0.5
HH21-108450		2.26	23	216	47	88	331	52	6.45	0.02	4.91	<0.5
HH21-108451		2.19	25	722	125	94	347	51	6.02	0.04	4.89	<0.5
HH21-108452		0.07	5010	2220	1395	89	88	64	0.28	0.02	2.34	0.9
HH21-108453		2.11	15	344	59	48	343	53	6.40	0.01	4.83	<0.5
HH21-108454		2.16	16	90	16	89	339	51	6.64	0.02	4.87	<0.5
HH21-108455		2.13	6	74	13	53	256	38	5.20	0.03	3.95	<0.5
HH21-108456		2.15	10	117	18	90	340	53	6.56	0.07	5.33	<0.5
HH21-108457		2.15	10	88	15	58	339	52	6.66	0.03	5.02	<0.5
HH21-108458		2.06	16	217	36	103	378	55	6.52	0.03	5.14	<0.5
HH21-108459		2.01	72	588	89	249	449	57	6.42	0.12	5.06	<0.5
HH21-108460		2.15	17	188	34	99	362	54	6.56	0.04	4.90	<0.5
HH21-108461		2.04	44	462	77	236	422	54	6.22	0.05	4.85	<0.5
HH21-108462		0.07	83	659	295	4470	4290	115	3.98	1.64	14.55	2.1
HH21-108463		2.22	48	814	117	194	505	54	6.30	0.04	5.01	<0.5
HH21-108464		2.28	10	410	55	46	364	52	6.22	0.01	4.79	<0.5
HH21-108465		1.99	7	125	19	29	320	52	6.49	0.01	4.91	<0.5
HH21-108466		2.32	6	122	15	39	316	51	6.38	0.01	4.90	<0.5
HH21-108467		2.41	11	181	17	56	321	52	6.26	0.01	4.93	<0.5
HH21-108468		2.39	18	249	31	78	346	54	6.10	0.03	5.23	<0.5
HH21-108469		2.36	85	1050	175	390	630	70	7.25	0.17	6.28	<0.5
HH21-108470		2.60	475	4760	631	2030	1995	107	8.33	0.78	8.50	1.0
HH21-108471		2.46	413	4220	565	1485	1550	109	9.72	0.58	9.27	0.9



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CERTIFICATE OF ANALYSIS TB21306911

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108472		2.49	283	2810	382	1140	1205	117	10.05	0.48	10.25	0.6
HH21-108473		2.41	52	456	69	270	552	77	8.79	0.07	6.96	<0.5
HH21-108474		2.52	12	93	21	129	447	76	9.60	0.03	6.91	<0.5
HH21-108475		2.72	15	79	17	124	441	76	9.29	0.03	6.74	<0.5
HH21-108476		2.42	17	103	21	136	459	76	9.62	0.04	6.99	<0.5
HH21-108477		1.00	<1	1	<5	1	2	1	12.50	<0.01	0.10	<0.5
HH21-108478		2.52	55	330	63	294	531	78	9.32	0.07	6.83	<0.5
HH21-108479		2.58	28	159	26	179	459	72	9.13	0.04	6.66	<0.5
HH21-108480		2.43	29	199	39	165	490	80	10.20	0.05	7.30	<0.5
HH21-108481		2.59	24	148	33	177	493	81	10.05	0.05	7.32	<0.5
HH21-108482		2.72	40	316	45	263	551	82	10.30	0.09	7.40	<0.5
HH21-108483		2.46	28	189	33	154	497	76	9.74	0.04	6.99	<0.5
HH21-108484		2.84	16	121	22	138	403	70	8.45	0.04	6.66	<0.5
HH21-108485		1.79	6	11	<5	113	46	35	1.98	0.11	7.34	<0.5
HH21-108486		1.45	22	57	6	157	75	33	1.85	0.13	6.59	<0.5
HH21-108487		2.14	335	3230	450	1285	1345	123	10.15	0.75	11.20	0.8
HH21-108488		1.35	576	4830	653	2010	1870	138	9.57	1.08	11.50	0.8
HH21-108489		2.52	496	3900	538	2050	1875	130	9.64	0.92	11.05	1.1
HH21-108490		2.47	46	600	77	114	421	61	7.55	0.03	5.61	<0.5
HH21-108491		2.46	6	159	26	42	467	73	9.37	0.02	6.56	<0.5
HH21-108492		2.46	12	682	83	79	594	74	8.90	0.05	6.47	<0.5
HH21-108493		2.44	9	192	34	69	461	75	9.73	0.02	6.98	<0.5
HH21-108494		2.49	69	946	131	360	704	83	9.09	0.13	7.91	<0.5
HH21-108495		0.07	2050	1710	241	8160	617	50	4.48	2.01	7.29	4.4
HH21-108496		2.50	339	2760	389	1320	1360	120	10.60	0.59	10.75	0.6
HH21-108497		2.41	23	178	37	136	411	69	7.75	0.03	6.38	<0.5
HH21-108498		2.38	26	144	30	157	460	77	9.44	0.04	6.91	<0.5
HH21-108499		2.04	23	134	27	152	477	79	9.67	0.05	7.06	<0.5
HH21-108500		2.54	31	182	32	168	468	76	9.61	0.05	6.94	<0.5
HH21-108501		0.07	57	619	306	4420	4270	114	4.00	1.61	14.45	2.0
HH21-108502		2.25	32	156	27	174	447	60	8.21	0.18	5.85	<0.5
HH21-108503		2.37	19	141	29	169	463	74	9.34	0.13	6.74	<0.5
HH21-108504		2.14	31	260	40	203	545	83	10.30	0.09	7.36	<0.5
HH21-108505		2.41	18	90	24	135	483	83	10.50	0.04	7.42	<0.5
HH21-108506		2.15	19	126	28	126	470	80	10.05	0.03	7.20	<0.5
HH21-108507		2.70	17	142	35	130	492	82	10.40	0.04	7.46	<0.5
HH21-108508		2.27	21	132	29	146	487	82	10.40	0.05	7.39	<0.5
HH21-108509		2.22	40	326	52	223	575	85	10.65	0.08	7.66	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 17-DEC-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21306911

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Total # Pages: 3 (A)
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 Finalized Date: 21-DEC-2021
 Account: MZI

CERTIFICATE TB21314307

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 17-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21314307

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108588		1.63	<1	4	<5	2	3	<1	13.05	0.03	0.11	<0.5
HH21-108589		2.52	6	96	21	67	462	74	9.08	0.03	6.85	<0.5
HH21-108590		2.49	8	87	23	62	390	64	7.56	0.03	5.92	<0.5
HH21-108591		2.51	7	105	27	60	437	70	8.47	0.02	6.35	<0.5
HH21-108592		2.23	5	125	29	47	419	65	8.03	0.02	6.19	<0.5
HH21-108593		2.28	7	104	27	73	448	72	9.03	0.03	6.54	<0.5
HH21-108594		2.41	28	376	71	119	476	68	8.20	0.03	6.11	<0.5
HH21-108595		2.40	162	1285	173	548	587	68	6.20	0.34	7.02	<0.5
HH21-108596		2.37	32	370	57	128	472	68	8.40	0.04	6.33	<0.5
HH21-108597		1.90	9	127	28	79	434	66	8.38	0.03	6.14	<0.5
HH21-108598		3.19	59	536	78	174	511	71	8.77	0.05	6.68	<0.5
HH21-108599		2.70	4	85	25	53	483	76	9.82	0.02	6.95	<0.5
HH21-108600		0.07	4380	1740	1155	85	83	61	0.26	0.01	2.23	0.7
HH21-108601		2.63	10	129	27	83	442	68	8.01	0.07	6.56	<0.5
HH21-108602		2.52	2	85	19	48	422	66	8.58	0.02	6.26	<0.5
HH21-108603		2.49	1	71	20	47	392	61	7.98	0.02	5.80	<0.5
HH21-108604		2.39	2	74	20	49	408	64	8.34	0.02	6.07	<0.5
HH21-108605		2.46	2	72	16	48	358	55	7.04	0.02	5.22	<0.5
HH21-108606		2.40	4	80	19	57	341	52	6.54	0.02	4.95	<0.5
HH21-108607		2.41	74	1005	144	223	574	67	8.09	0.05	6.32	<0.5
HH21-108608		2.04	2	72	15	30	330	49	6.28	0.01	4.70	<0.5
HH21-108609		2.49	5	126	22	55	351	52	6.66	0.03	4.87	<0.5
HH21-108610		2.86	9	92	16	57	348	51	6.66	0.02	4.89	<0.5
HH21-108611		2.56	71	750	118	198	600	78	9.76	0.06	7.22	<0.5
HH21-108612		2.33	43	439	61	132	376	53	6.67	0.03	4.92	<0.5
HH21-108613		2.58	8	93	19	78	333	50	6.44	0.01	4.55	<0.5
HH21-108614		2.33	6	84	21	82	338	51	6.64	0.01	4.71	<0.5
HH21-108615		2.45	19	312	58	87	426	64	8.12	0.02	6.15	<0.5
HH21-108616		2.84	31	553	116	112	474	68	8.57	0.02	6.51	<0.5
HH21-108617		0.07	75	619	323	4360	4280	112	3.82	1.60	14.05	2.4
HH21-108618		2.34	63	1300	180	171	500	57	6.61	0.04	5.11	<0.5
HH21-108619		2.27	11	153	31	68	420	62	8.02	0.01	6.00	<0.5
HH21-108620		2.35	368	2290	306	926	832	98	9.86	0.30	8.74	<0.5
HH21-108621		2.59	122	1405	192	387	774	91	10.75	0.16	8.24	<0.5
HH21-108622		2.33	19	114	34	70	417	61	7.69	0.03	5.98	<0.5
HH21-108623		2.38	17	61	30	83	501	73	9.52	0.03	6.82	<0.5
HH21-108624		2.42	60	508	73	174	569	77	9.50	0.05	7.16	<0.5
HH21-108625		2.24	118	1480	209	342	623	62	7.12	0.09	5.72	<0.5
HH21-108626		2.34	27	112	55	119	380	54	6.68	0.02	5.16	<0.5
HH21-108627		2.23	7	99	45	77	370	54	6.80	0.02	5.14	<0.5



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CERTIFICATE OF ANALYSIS TB21314307

Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
Sample Description	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108628	2.27	11	88	45	66	361	51	6.53	0.01	4.79	<0.5
HH21-108629	2.11	11	88	43	48	288	42	5.22	0.01	4.07	<0.5
HH21-108630	2.34	17	66	36	75	273	43	5.25	0.02	4.33	<0.5
HH21-108631	2.33	10	84	47	71	312	46	6.08	0.01	4.52	<0.5
HH21-108632	1.24	<1	2	<5	1	<1	1	12.30	<0.01	0.09	<0.5
HH21-108633	1.37	6	93	49	38	339	48	6.56	<0.01	4.59	<0.5
HH21-108634	3.28	162	1650	232	439	721	74	8.51	0.12	6.99	<0.5
HH21-108635	2.24	217	1865	229	616	878	81	9.44	0.16	7.71	<0.5
HH21-108636	2.38	61	603	69	351	534	68	8.34	0.07	6.53	<0.5
HH21-108637	2.50	64	603	98	217	1130	94	11.65	0.11	6.95	<0.5
HH21-108638	2.37	322	3670	434	854	1230	100	11.20	0.25	8.70	<0.5
HH21-108639	3.12	367	3580	401	1010	1210	94	10.45	0.25	8.30	<0.5
HH21-108640	2.32	302	2810	330	660	1060	88	11.10	0.19	7.46	<0.5
HH21-108641	2.18	183	3330	389	543	1200	92	10.65	0.16	7.00	<0.5
HH21-108642	2.44	127	1320	187	350	1010	92	11.50	0.09	7.73	<0.5
HH21-108643	2.54	116	1500	193	279	1060	94	11.20	0.09	7.25	<0.5
HH21-108644	2.10	229	2190	255	704	913	72	7.96	0.15	6.24	<0.5
HH21-108645	2.37	494	4160	433	1070	1340	90	9.36	0.29	7.84	<0.5
HH21-108646	2.47	243	2080	259	537	923	83	9.26	0.14	6.81	<0.5
HH21-108647	1.22	215	2940	339	546	823	65	7.48	0.13	5.61	<0.5
HH21-108648	2.58	6	89	14	26	322	41	5.01	<0.01	3.66	<0.5
HH21-108649	1.68	94	1035	129	268	656	67	8.26	0.06	5.89	<0.5
HH21-108650	0.07	1940	1720	246	8580	643	50	4.69	2.05	7.54	4.7
HH21-108651	2.37	118	1445	181	352	784	76	10.10	0.06	7.61	<0.5
HH21-108652	2.16	59	1180	208	140	1780	143	16.80	0.10	9.57	<0.5
HH21-108653	2.04	49	482	84	170	863	87	11.45	0.04	7.21	<0.5
HH21-108654	2.03	211	1350	214	340	954	81	11.30	0.09	7.17	<0.5
HH21-108655	2.29	124	1040	113	321	727	82	10.10	0.06	7.79	<0.5
HH21-108656	2.03	115	1605	184	330	805	74	9.17	0.07	6.40	<0.5
HH21-108657	0.07	92	588	295	4500	4410	116	4.10	1.66	14.90	2.1
HH21-108658	2.07	236	4340	395	709	1150	89	10.05	0.22	7.42	0.5
HH21-108659	2.95	187	4470	378	257	919	94	12.20	0.06	7.79	<0.5
HH21-108660	1.56	15	75	32	122	1600	141	16.20	0.06	9.41	<0.5
HH21-108661	1.39	90	892	125	242	1250	112	13.65	0.08	8.62	<0.5
HH21-108662	2.07	14	291	44	51	339	39	5.13	0.01	3.48	<0.5
HH21-108663	3.17	128	1350	191	331	958	91	11.30	0.10	7.59	<0.5
HH21-108664	2.23	409	4520	465	858	1220	87	9.85	0.25	7.67	<0.5
HH21-108665	2.07	244	2660	435	653	715	55	5.92	0.15	5.04	<0.5



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CERTIFICATE OF ANALYSIS TB21314307

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Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21314308

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 17-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21314308

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-108666		1.34	1	2	<5				2	<1	1	13.20	<0.01	0.08	<0.5
HH21-108667		2.20	81	716	73				269	806	90	12.55	0.06	7.88	<0.5
HH21-108668		2.67	276	3100	375				578	1100	89	10.90	0.19	8.18	0.5
HH21-108669		2.06	217	2050	246				499	882	78	9.38	0.15	7.29	<0.5
HH21-108670		2.23	328	2820	328				794	1190	90	11.05	0.22	7.98	<0.5
HH21-108671		2.29	38	12	<5				64	523	68	9.79	0.02	5.95	<0.5
HH21-108672		1.79	133	1135	151				364	810	85	11.30	0.10	7.87	<0.5
HH21-108673		2.19	186	1555	189				489	916	78	9.67	0.13	7.08	<0.5
HH21-108674		0.07	4790	1945	1260				84	81	59	0.27	0.01	2.29	0.8
HH21-108675		1.93	85	673	122				226	681	63	8.44	0.04	5.74	<0.5
HH21-108676		2.16	144	1975	226				302	632	56	7.52	0.08	4.90	<0.5
HH21-108677		2.46	108	909	116				360	770	73	9.48	0.10	6.73	<0.5
HH21-108678		2.78	208	2000	239				652	829	83	11.85	0.20	8.84	<0.5
HH21-108679		2.14	125	1320	153				350	741	77	11.50	0.10	7.75	<0.5
HH21-108680		2.36	406	4170	477				926	1330	100	11.60	0.30	9.27	0.5
HH21-108681		2.27	57	647	86				160	767	95	12.80	0.04	9.21	<0.5
HH21-108682		2.18	278	2300	262				594	999	96	12.45	0.18	8.79	0.6
HH21-108683		2.37	184	1860	211				568	774	72	8.68	0.26	6.74	0.5
HH21-108684		2.54	210	2160	254				589	874	76	9.68	0.17	6.77	<0.5
HH21-108685		2.50	19	55	10				141	617	84	12.30	0.04	7.46	<0.5
HH21-108686		2.46	120	1055	131				378	731	77	10.75	0.11	6.97	<0.5
HH21-108687		2.27	86	999	114				282	695	75	10.65	0.09	6.57	<0.5
HH21-108688		2.90	9	7	<5				109	597	87	12.55	0.03	7.57	<0.5
HH21-108689		2.11	51	161	23				184	595	74	10.15	0.04	6.90	<0.5
HH21-108690		2.11	21	37	<5				148	586	84	12.30	0.04	7.16	<0.5
HH21-108691		2.03	16	13	<5				113	594	83	12.45	0.03	7.43	<0.5
HH21-108692		2.88	123	1235	161				524	958	97	12.80	0.19	9.08	<0.5
HH21-108693		2.37	24	151	15				154	666	86	12.90	0.05	7.71	<0.5
HH21-108694		2.14	55	532	58				252	736	85	12.15	0.06	7.55	<0.5
HH21-108695		2.18	27	413	55				145	620	78	10.45	0.02	6.77	<0.5
HH21-108696		2.51	197	2870	337				885	1170	88	10.45	0.24	6.91	<0.5
HH21-108697		0.07	54	590	280				4540	4450	118	4.04	1.72	14.75	2.0
HH21-108698		2.14	270	2680	317				754	1220	90	10.45	0.19	7.53	<0.5
HH21-108699		2.53	916	>10000	1395	1090	12200	1420	2870	2920	144	10.95	1.06	13.10	1.3
HH21-108700		2.17	942	9330	1275				1970	2050	128	10.75	0.60	11.25	0.8
HH21-108701		2.61	464	3380	416				1190	1330	113	12.10	0.42	9.95	0.8
HH21-108702		2.15	144	1485	185				483	888	96	11.65	0.15	8.65	<0.5
HH21-108703		2.20	20	32	<5				133	662	88	12.10	0.02	7.53	<0.5
HH21-108704		2.06	23	11	<5				114	611	79	10.60	0.02	6.80	<0.5
HH21-108705		2.22	157	915	146				416	942	92	11.95	0.09	7.64	<0.5



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 THUNDER BAY ON P7B 2R2

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 Finalized Date: 22-DEC-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21314308

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
HH21-108706		1.24	1	2	<5				5	4	<1	13.05	0.01	0.11	<0.5
HH21-108707		2.23	65	615	86				248	668	78	9.86	0.05	6.90	<0.5
HH21-108708		1.77	45	1115	142				334	521	42	4.50	0.20	4.33	<0.5
HH21-108709		2.87	2	20	<5				81	190	33	4.26	0.19	4.88	<0.5
HH21-108710		2.24	<1	4	<5				46	196	35	4.45	0.14	4.99	<0.5
HH21-108711		2.52	124	1165	143				408	534	65	5.61	0.13	7.29	<0.5
HH21-108712		2.11	470	5190	642				1610	1275	84	5.77	0.65	8.05	0.7
HH21-108713		2.13	377	5890	733				1740	1310	80	5.26	0.66	7.73	0.8
HH21-108714		2.13	225	2390	298				787	861	74	5.87	0.30	7.94	<0.5
HH21-108715		2.31	273	3010	386				1250	1045	78	5.52	0.49	7.62	0.6
HH21-108716		2.60	858	8610	1115				2660	2070	116	7.13	0.91	10.20	1.1
HH21-108717		2.38	1335	>10000	1825	1490	15200	1950	4070	3270	144	8.01	1.24	11.65	1.6
HH21-108718		2.05	111	3800	564				362	1085	49	3.59	0.17	3.77	<0.5
HH21-108719		2.14	85	1310	144				224	522	44	4.29	0.05	4.31	<0.5
HH21-108720		2.20	503	5020	673				1360	1450	88	6.60	0.52	8.26	0.7
HH21-108721		2.12	48	1650	175				160	663	39	3.44	0.03	3.50	<0.5
HH21-108722		2.12	66	2540	317				162	864	52	5.28	0.04	4.76	<0.5
HH21-108723		2.32	492	5450	679				920	1140	54	4.47	0.23	4.51	0.8
HH21-108724		2.00	75	3880	453				135	612	37	3.23	0.05	3.37	<0.5
HH21-108725		0.07	1810	1680	245				8700	641	52	4.63	2.11	7.50	5.0
HH21-108726		2.21	31	1425	158				62	526	34	3.35	0.02	3.29	<0.5
HH21-108727		2.15	13	1120	149				40	546	35	3.23	0.02	3.27	<0.5
HH21-108728		1.97	27	1000	98				104	455	33	2.57	0.09	3.20	<0.5
HH21-108729		2.27	311	3420	433				696	1160	75	7.78	0.17	6.37	0.7
HH21-108730		1.94	128	2430	252				448	929	84	8.78	0.22	7.19	<0.5
HH21-108731		0.07	59	592	290				4430	4300	116	3.89	1.63	14.15	2.5
HH21-108732		2.52	23	2980	404				529	676	72	7.86	0.15	6.25	<0.5
HH21-108733		2.09	20	310	36				105	458	61	7.33	0.02	5.30	<0.5
HH21-108734		2.09	25	1085	143				128	586	63	7.83	0.02	5.76	<0.5
HH21-108735		2.11	4	269	34				65	231	30	3.79	0.07	3.88	<0.5
HH21-108736		2.22	593	5210	571				2430	1580	75	6.34	0.43	5.59	0.8
HH21-108737		2.48	826	>10000	1330	830	10500	1420	2480	2530	85	5.14	0.80	5.01	1.2
HH21-108738		2.07	479	5450	635				1390	1600	78	6.79	0.37	5.52	0.6
HH21-108739		2.17	83	1060	99				207	539	60	7.19	0.05	5.31	<0.5
HH21-108740		2.26	294	3970	503				1140	1290	72	6.84	0.29	5.47	0.5
HH21-108741		2.34	368	3630	391				810	1220	85	8.54	0.23	6.30	0.7
HH21-108742		2.13	321	8780	1100				1060	2740	132	8.64	0.70	6.88	0.5
HH21-108743		2.18	199	3150	376				439	982	78	8.89	0.11	6.55	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 19-DEC-2021
 Account: MZI

CERTIFICATE TB21314309

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 17-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21314309

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108744		0.99	4	2	<5	1	4	<1	12.65	0.07	0.07	<0.5
HH21-108745		2.32	148	4590	510	746	1210	75	6.62	0.28	5.97	<0.5
HH21-108746		2.00	132	3410	403	629	966	52	5.07	0.25	4.69	<0.5
HH21-108747		2.38	29	2040	218	220	850	64	7.18	0.13	5.26	<0.5
HH21-108748		2.35	12	1750	216	154	719	60	5.99	0.35	4.60	<0.5
HH21-108749		2.47	9	365	42	28	384	39	5.76	0.03	4.39	<0.5
HH21-108750		2.46	75	2730	499	192	828	75	8.90	0.10	6.54	<0.5
HH21-108751		2.33	21	37	8	101	411	58	6.94	0.01	5.15	<0.5
HH21-108752		2.35	44	1725	292	157	610	68	8.53	0.06	6.04	<0.5
HH21-108753		2.38	19	95	13	87	415	57	6.84	0.01	4.85	<0.5
HH21-108754		2.12	282	2900	526	939	1035	84	9.39	0.24	6.59	0.5
HH21-108755		2.25	123	1670	236	426	906	88	11.20	0.16	7.39	<0.5
HH21-108756		2.38	46	584	85	262	398	49	4.86	0.13	6.12	<0.5
HH21-108757		2.03	94	9	<5	584	537	60	6.83	0.13	4.64	<0.5
HH21-108758		0.07	4780	1995	1290	91	89	64	0.27	0.02	2.29	0.7
HH21-108759		2.34	60	77	11	353	622	65	7.40	0.10	5.20	<0.5
HH21-108760		2.58	82	682	86	251	519	60	6.72	0.08	5.00	<0.5
HH21-108761		1.45	258	2570	313	583	718	57	5.57	0.16	4.74	<0.5
HH21-108762		2.30	563	5610	748	1445	1435	109	10.70	0.53	9.95	0.7
HH21-108763		2.28	147	2010	250	525	845	76	7.51	0.17	5.98	<0.5
HH21-108764		2.19	324	8770	1365	2020	2480	167	10.25	1.17	9.63	0.9
HH21-108765		2.20	14	221	37	167	402	56	6.93	0.35	5.70	<0.5
HH21-108766		2.23	157	1730	236	504	820	89	10.20	0.17	6.82	<0.5
HH21-108767		2.03	125	1445	184	622	788	65	6.74	0.16	5.22	<0.5
HH21-108768		2.52	71	1390	191	347	605	60	6.67	0.10	4.91	<0.5
HH21-108769		2.05	35	40	<5	312	598	72	8.53	0.07	5.98	<0.5
HH21-108770		2.25	102	817	138	464	505	59	6.83	0.11	5.10	<0.5
HH21-108771		2.04	99	612	100	643	402	51	5.90	0.11	4.55	<0.5
HH21-108772		2.25	15	750	112	77	371	46	5.46	0.03	4.32	<0.5
HH21-108773		1.29	15	301	58	92	379	52	6.05	0.03	4.97	<0.5
HH21-108774		2.54	25	55	<5	272	26	27	1.14	0.20	6.42	<0.5
HH21-108775		0.07	66	607	314	4540	4480	118	3.99	1.65	14.55	2.2
HH21-108776		2.58	19	80	12	160	477	69	7.97	0.05	6.10	<0.5
HH21-108777		2.24	16	115	12	163	309	48	5.90	0.05	4.40	<0.5
HH21-108778		2.00	39	111	10	232	346	54	6.33	0.06	4.81	<0.5
HH21-108779		2.31	184	2480	351	421	787	90	10.15	0.18	7.52	<0.5
HH21-108780		2.60	59	502	75	264	412	56	6.33	0.06	5.05	<0.5
HH21-108781		2.75	81	599	68	121	387	52	6.11	0.04	4.61	<0.5
HH21-108782		2.27	7	21	<5	81	303	51	6.16	0.02	4.77	<0.5
HH21-108783		2.33	5	5	<5	87	311	52	6.27	0.02	4.85	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 19-DEC-2021
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21314309

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 S % 0.01	ME-ICP61 Fe % 0.01	ME-ICP61 Ag ppm 0.5
HH21-108784		2.05	11	3	<5	86	316	52	6.15	0.04	4.73	<0.5
HH21-108785		2.34	8	16	<5	75	316	52	6.24	0.03	4.71	<0.5
HH21-108786		2.12	4	2	<5	85	311	51	6.25	0.03	4.73	<0.5
HH21-108787		1.98	4	11	<5	96	304	50	5.99	0.03	4.54	<0.5
HH21-108788		1.31	<1	1	<5	1	1	1	12.60	0.01	0.06	<0.5
HH21-108789		2.12	3	2	<5	49	268	45	5.61	0.01	4.27	<0.5
HH21-108790		2.16	17	21	<5	225	536	55	6.16	0.09	4.77	<0.5
HH21-108791		2.20	24	183	20	495	826	64	6.66	0.22	5.03	<0.5
HH21-108792		2.15	11	4	<5	232	500	56	6.46	0.09	4.73	<0.5
HH21-108793		2.22	31	416	59	266	392	52	5.37	0.10	5.93	<0.5
HH21-108794		2.33	26	59	10	369	693	60	6.29	0.15	4.77	<0.5
HH21-108795		1.97	70	2040	224	652	727	76	6.94	0.33	5.97	<0.5
HH21-108796		2.44	3	116	15	64	355	51	6.54	0.02	4.80	<0.5
HH21-108797		2.29	15	874	147	137	405	51	5.65	0.07	4.88	<0.5
HH21-108798		2.35	28	2160	248	281	568	52	4.26	0.47	5.29	<0.5
HH21-108799		2.05	67	3540	482	505	986	69	6.66	0.31	6.03	<0.5
HH21-108800		1.99	84	1090	151	481	788	63	6.46	0.21	5.74	<0.5
HH21-108801		1.22	14	15	<5	161	342	52	6.35	0.03	4.80	<0.5
HH21-108802		0.93	11	119	16	104	378	55	6.75	0.02	4.96	<0.5
HH21-108803		0.07	1815	1660	218	8890	651	52	4.72	2.09	7.58	4.7
HH21-108804		2.14	8	6	<5	107	323	52	6.43	0.02	4.84	<0.5
HH21-108805		2.24	22	217	34	197	393	56	6.48	0.05	5.06	<0.5
HH21-108806		2.21	12	58	9	101	333	52	6.25	0.02	4.91	<0.5
HH21-108807		2.10	244	2390	300	756	1025	82	7.92	0.28	6.68	<0.5
HH21-108808		2.59	500	5360	789	1640	1585	97	7.31	0.61	7.78	0.8
HH21-108809		2.09	66	1205	182	295	611	62	6.28	0.08	5.34	<0.5
HH21-108810		2.12	69	1135	111	334	710	66	6.58	0.15	5.47	<0.5
HH21-108811		2.07	194	3300	385	915	1305	99	9.60	0.37	7.87	0.6
HH21-108812		2.09	553	6000	748	1765	1875	122	10.90	0.67	9.97	0.7
HH21-108813		0.07	80	614	336	4540	4470	119	4.02	1.66	14.55	2.1
HH21-108814		2.19	83	1660	236	415	710	69	6.75	0.16	5.88	<0.5
HH21-108815		2.04	275	3190	406	1100	1300	96	9.16	0.42	8.37	0.6
HH21-108816		2.08	79	878	101	226	604	65	7.47	0.10	6.25	<0.5
HH21-108817		2.01	13	144	24	62	400	57	7.18	0.01	5.65	<0.5
HH21-108818		2.00	164	1475	183	544	853	75	8.12	0.16	6.72	<0.5
HH21-108819		2.15	728	6070	687	1695	1840	107	9.37	0.57	9.42	0.8
HH21-108820		1.89	168	1680	209	622	746	70	7.80	0.17	6.49	<0.5
HH21-108821		2.00	25	219	28	102	362	56	7.67	0.02	5.53	<0.5



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BUSINESS NUMBER 131081184
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 19-DEC-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21314309

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Total # Pages: 3 (A)
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 Finalized Date: 26-DEC-2021
 Account: MZI

CERTIFICATE TB21317564

Project: 18-101
 P.O. No.: 182449
 This report is for 41 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 21-NOV-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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To: IMPALA CANADA LTD.
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Project: 18-101

CERTIFICATE OF ANALYSIS TB21317564

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-108822		1.23	<1	<1	<5	1	2	<1	12.55	<0.01	0.06	<0.5
HH21-108823		1.75	8	41	7	64	368	57	7.54	0.01	5.36	<0.5
HH21-108824		2.14	21	95	14	65	349	54	6.85	0.02	5.18	<0.5
HH21-108825		2.36	3	4	<5	66	326	56	6.90	0.02	5.05	<0.5
HH21-108826		2.46	8	37	9	113	373	60	7.34	0.05	5.34	<0.5
HH21-108827		2.28	11	108	12	93	426	54	6.96	0.02	5.12	<0.5
HH21-108828		2.40	24	138	20	169	367	54	6.93	0.03	4.91	<0.5
HH21-108829		2.24	9	58	8	83	366	58	7.49	0.02	5.16	<0.5
HH21-108830		2.35	9	3	<5	139	405	59	7.57	0.04	5.20	<0.5
HH21-108831		3.01	6	88	13	99	371	57	7.12	0.03	5.08	<0.5
HH21-108832		0.07	4750	2030	1295	87	84	62	0.26	0.01	2.25	0.6
HH21-108833		2.05	37	391	33	223	411	54	6.49	0.05	4.91	<0.5
HH21-108834		2.62	13	116	12	144	358	54	6.65	0.04	5.01	<0.5
HH21-108835		2.17	22	206	23	160	383	53	6.48	0.04	4.92	<0.5
HH21-108836		2.35	9	418	51	85	371	50	6.08	0.03	4.56	<0.5
HH21-108837		2.54	13	119	14	99	339	50	6.17	0.04	4.60	<0.5
HH21-108838		2.15	4	4	<5	60	297	48	5.88	0.02	4.47	<0.5
HH21-108839		2.25	7	61	10	91	325	50	6.08	0.03	4.57	<0.5
HH21-108840		2.24	6	75	10	84	322	50	6.19	0.02	4.76	<0.5
HH21-108841		2.22	11	50	6	117	315	50	6.06	0.04	4.68	<0.5
HH21-108842		2.56	7	63	7	91	343	54	6.44	0.03	4.96	<0.5
HH21-108843		2.58	4	21	<5	100	336	53	6.33	0.02	4.99	<0.5
HH21-108844		2.40	37	166	21	428	638	66	6.81	0.11	5.56	<0.5
HH21-108845		2.50	10	125	14	135	381	57	6.35	0.02	5.24	<0.5
HH21-108846		2.26	48	321	39	247	471	59	6.04	0.06	5.38	<0.5
HH21-108847		2.43	32	499	57	178	505	59	5.85	0.04	5.47	<0.5
HH21-108848		2.40	101	833	95	381	649	68	6.75	0.12	5.93	<0.5
HH21-108849		2.67	113	1320	172	530	757	71	6.96	0.16	6.50	<0.5
HH21-108850		0.07	85	611	305	4400	4240	112	3.89	1.55	14.10	1.7
HH21-108851		2.28	211	1530	231	1290	1240	82	6.71	0.34	6.52	0.6
HH21-108852		1.53	167	4590	596	2070	1740	98	7.29	0.79	7.08	2.7
HH21-108853		2.17	1	9	<5	29	19	7	0.34	0.18	0.89	<0.5
HH21-108854		1.67	<1	144	15	37	54	10	0.67	0.12	1.42	<0.5
HH21-108855		1.78	47	2970	330	616	1025	92	9.09	0.73	7.55	0.6
HH21-108856		2.86	242	3200	402	1175	1000	90	6.48	0.58	7.57	0.6
HH21-108857		2.52	124	1345	189	475	763	81	8.20	0.22	7.30	<0.5
HH21-108858		2.59	14	62	10	51	349	54	7.00	0.01	4.94	<0.5
HH21-108859		2.41	9	31	<5	60	374	55	7.15	0.01	5.07	<0.5
HH21-108860		2.47	3	4	<5	57	331	53	6.93	0.01	4.87	<0.5
HH21-108861		2.67	43	410	47	198	466	63	7.45	0.05	6.21	<0.5



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 BUSINESS NUMBER 131081184
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21317564

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-108862		2.98	27	633	74	159	477	59	7.05	0.04	5.83	<0.5



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BUSINESS NUMBER 131081184
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 26-DEC-2021
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21317564

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada			
	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	ME-ICP61	PGM-ICP23		



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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 7-JAN-2022
 Account: MZI

CERTIFICATE TB21332000

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 3-DEC-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21332000

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108863		1.45	<1	1	<5	1	2	<1	12.65	<0.5
HH21-108864		2.43	5	29	6	154	336	56	5.76	<0.5
HH21-108865		2.26	26	429	34	431	525	73	7.18	<0.5
HH21-108866		2.30	87	852	76	699	717	77	7.80	<0.5
HH21-108867		2.29	16	212	39	295	414	61	6.11	<0.5
HH21-108868		2.20	12	321	31	425	535	71	6.94	0.6
HH21-108869		2.28	30	313	28	391	544	73	7.11	<0.5
HH21-108870		2.09	9	40	9	191	311	54	5.28	<0.5
HH21-108871		2.16	34	640	82	442	513	68	6.71	<0.5
HH21-108872		2.28	30	139	14	411	463	70	7.48	<0.5
HH21-108873		2.22	27	334	26	442	460	47	4.85	<0.5
HH21-108874		2.27	25	310	45	503	535	68	5.92	0.6
HH21-108875		2.31	9	22	<5	259	328	55	5.86	<0.5
HH21-108876		2.26	20	329	29	393	588	66	7.38	0.5
HH21-108877		2.40	6	68	13	391	695	74	6.77	<0.5
HH21-108878		2.44	6	247	17	149	383	54	4.65	<0.5
HH21-108879		2.21	16	506	91	322	399	62	5.94	<0.5
HH21-108880		0.07	4570	1905	1230	89	87	65	0.26	0.8
HH21-108881		2.31	9	106	14	320	449	62	6.08	<0.5
HH21-108882		2.20	1	378	39	37	606	73	6.20	<0.5
HH21-108883		2.36	29	344	21	635	534	64	5.00	<0.5
HH21-108884		2.28	21	53	<5	273	269	49	4.85	<0.5
HH21-108885		2.37	21	65	8	838	701	92	7.19	<0.5
HH21-108886		2.20	2	630	53	251	390	42	4.58	<0.5
HH21-108887		0.07	112	603	290	4410	4340	115	3.91	2.1
HH21-108888		2.15	9	502	69	246	429	48	5.50	<0.5
HH21-108889		2.27	31	491	52	431	530	58	5.63	<0.5
HH21-108890		2.14	21	525	54	343	505	65	5.26	<0.5
HH21-108891		2.39	12	206	25	310	411	56	5.57	<0.5
HH21-108892		2.19	5	<1	<5	190	333	58	6.05	<0.5
HH21-108893		2.22	4	<1	<5	134	313	58	6.53	<0.5
HH21-108894		2.24	10	6	<5	223	323	57	5.47	<0.5
HH21-108895		2.37	8	5	<5	168	347	54	5.51	<0.5
HH21-108896		2.27	11	<1	<5	231	209	39	3.38	<0.5
HH21-108897		2.28	18	7	<5	486	610	81	5.90	<0.5
HH21-108898		2.23	9	4	<5	198	319	63	6.16	<0.5
HH21-108899		1.71	25	486	15	384	616	62	5.39	<0.5
HH21-108900		2.39	21	17	<5	229	388	61	6.52	<0.5
HH21-108901		2.27	25	177	20	258	407	57	5.97	<0.5
HH21-108902		2.37	69	1145	61	489	585	64	6.05	<0.5



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BUSINESS NUMBER 131081184
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21332000

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108903		2.27	12	284	20	131	396	66	7.18	<0.5
HH21-108904		2.26	16	2	<5	201	350	62	6.57	<0.5
HH21-108905		2.20	44	690	33	356	620	64	5.84	<0.5
HH21-108906		2.31	6	1	<5	155	372	67	7.34	<0.5
HH21-108907		1.36	<1	<1	<5	2	4	<1	12.30	<0.5
HH21-108908		2.30	25	417	23	218	367	60	6.06	<0.5
HH21-108909		2.26	13	48	9	201	380	54	6.21	<0.5
HH21-108910		2.07	20	32	<5	338	469	60	6.44	<0.5
HH21-108911		2.40	41	946	107	353	473	59	6.08	<0.5
HH21-108912		2.34	8	1	<5	170	260	58	5.83	<0.5
HH21-108913		2.22	14	6	<5	430	557	78	6.47	<0.5
HH21-108914		2.28	4	<1	<5	253	339	58	5.72	<0.5
HH21-108915		2.21	10	<1	<5	226	332	59	6.21	<0.5
HH21-108916		2.37	<1	5	<5	79	389	71	8.54	<0.5
HH21-108917		2.32	2	46	7	146	299	61	5.68	<0.5
HH21-108918		0.07	1845	1660	237	8660	638	50	4.61	4.7
HH21-108919		2.32	10	24	<5	237	350	64	5.70	<0.5
HH21-108920		2.24	3	207	18	142	316	46	3.93	<0.5
HH21-108921		2.33	4	198	36	234	243	52	4.45	<0.5
HH21-108922		2.20	1	20	<5	152	214	49	4.40	<0.5
HH21-108923		2.22	<1	31	7	166	226	47	4.27	<0.5
HH21-108924		2.31	1	6	<5	142	172	44	4.13	<0.5
HH21-108925		2.24	2	6	<5	155	209	47	4.20	<0.5
HH21-108926		2.32	5	26	9	192	261	51	4.56	<0.5
HH21-108927		2.14	5	16	7	214	313	56	4.89	<0.5
HH21-108928		2.35	10	12	6	192	271	52	4.13	<0.5
HH21-108929		0.07	88	607	307	4360	4270	115	3.95	2.0
HH21-108930		2.32	5	69	7	159	255	50	4.36	<0.5
HH21-108931		2.25	5	52	6	233	251	50	4.34	<0.5
HH21-108932		2.03	5	29	<5	176	175	35	2.71	<0.5
HH21-108933		2.35	<1	<1	<5	161	234	53	3.99	<0.5
HH21-108934		2.22	<1	<1	<5	137	193	56	4.03	<0.5
HH21-108935		2.26	1	<1	<5	206	172	59	3.84	<0.5
HH21-108936		2.26	<1	<1	<5	210	170	62	4.03	<0.5
HH21-108937		2.17	<1	5	<5	177	167	67	3.24	<0.5
HH21-108938		2.16	<1	2	<5	125	92	60	3.45	<0.5
HH21-108939		2.28	<1	20	5	146	146	66	3.88	<0.5
HH21-108940		2.14	<1	5	<5	95	106	39	2.45	<0.5



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Page: Appendix 1
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 Finalized Date: 7-JAN-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21332000

CERTIFICATE COMMENTS									
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table border="0"> <tr> <td>CRU-32</td> <td>CRU-QC</td> <td>LOG-21</td> <td>LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>ME-ICP61</td> <td>PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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 Finalized Date: 4-JAN-2022
 Account: MZI

CERTIFICATE TB21332002

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 3-DEC-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Finalized Date: 4-JAN-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21332002

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108941		1.22	<1	<1	<5	1	1	<1	12.95	<0.5
HH21-108942		2.31	2	26	9	78	133	49	4.23	<0.5
HH21-108943		2.28	2	36	11	54	182	53	5.05	<0.5
HH21-108944		2.28	4	31	13	49	232	47	4.82	<0.5
HH21-108945		2.15	2	46	28	45	240	44	4.70	<0.5
HH21-108946		2.09	4	98	54	43	264	48	5.47	<0.5
HH21-108947		2.13	2	63	24	35	248	42	4.63	<0.5
HH21-108948		2.14	2	50	19	47	183	32	3.52	<0.5
HH21-108949		1.97	1	16	6	54	98	19	2.09	<0.5
HH21-108950		2.12	2	66	27	36	243	42	4.88	<0.5
HH21-108951		2.20	3	42	18	78	226	43	4.58	<0.5
HH21-108952		2.27	2	82	41	29	227	42	4.29	<0.5
HH21-108953		2.19	4	89	39	50	288	49	5.50	<0.5
HH21-108954		0.07	5100	2040	1300	88	85	63	0.26	1.0
HH21-108955		2.36	20	114	30	110	325	45	5.07	<0.5
HH21-108956		2.22	30	208	30	365	544	58	6.05	<0.5
HH21-108957		2.11	6	1	<5	335	441	48	4.88	<0.5
HH21-108958		2.21	2	1	<5	195	318	42	4.41	<0.5
HH21-108959		2.15	4	1	<5	266	325	40	3.99	<0.5
HH21-108960		2.14	3	<1	<5	224	294	42	4.24	<0.5
HH21-108961		2.32	3	1	<5	207	272	39	3.92	<0.5
HH21-108962		2.21	7	7	5	347	401	44	4.00	0.5
HH21-108963		2.39	4	13	5	224	279	43	4.10	<0.5
HH21-108964		2.28	14	266	18	269	378	48	4.28	<0.5
HH21-108965		2.33	5	23	6	86	221	47	4.89	<0.5
HH21-108966		2.29	8	69	8	161	288	46	4.69	<0.5
HH21-108967		2.42	13	70	12	281	395	44	4.36	<0.5
HH21-108968		2.23	20	310	44	317	441	45	3.89	<0.5
HH21-108969		2.35	9	120	21	152	258	36	4.05	<0.5
HH21-108970		2.26	10	30	7	187	322	43	5.12	<0.5
HH21-108971		0.07	71	606	302	4500	4310	114	3.95	2.1
HH21-108972		2.25	34	324	32	278	319	35	3.85	<0.5
HH21-108973		2.25	2	105	27	45	231	32	3.71	<0.5
HH21-108974		2.27	16	275	47	195	329	35	3.49	<0.5
HH21-108975		2.14	15	115	64	211	361	42	4.46	<0.5
HH21-108976		2.34	56	271	70	649	568	50	4.99	<0.5
HH21-108977		2.26	30	63	26	232	374	46	5.40	<0.5
HH21-108978		2.45	100	609	223	478	488	44	4.84	<0.5
HH21-108979		2.45	22	244	101	159	344	35	4.20	<0.5
HH21-108980		2.22	7	134	78	68	112	15	1.78	<0.5



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556 TENTH AVE
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Page: 3 - A
 Total # Pages: 3 (A)
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 Finalized Date: 4-JAN-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21332002

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-108981		2.32	4	321	185	44	225	30	3.71	<0.5
HH21-108982		2.41	7	519	235	46	371	50	6.31	<0.5
HH21-108983		2.45	20	1670	575	83	435	67	8.26	<0.5
HH21-108984		2.34	17	738	283	145	408	67	7.35	<0.5
HH21-108985		2.25	17	300	71	123	310	46	5.13	<0.5
HH21-108986		2.34	24	53	10	212	331	58	5.54	<0.5
HH21-108987		0.94	4	1	<5	2	6	<1	12.20	<0.5
HH21-108988		2.16	9	26	5	72	237	37	4.30	<0.5
HH21-108989		2.36	12	73	10	102	362	57	6.47	<0.5
HH21-108990		1.83	12	129	16	97	382	61	6.63	<0.5
HH21-108991		2.80	11	122	17	114	414	63	7.05	<0.5
HH21-108992		0.07	2040	1650	211	8850	660	51	4.68	5.2
HH21-108993		2.45	17	121	16	181	471	65	7.20	<0.5
HH21-108994		2.42	16	129	12	137	460	67	7.93	<0.5
HH21-108995		1.91	12	133	11	106	485	68	8.87	<0.5
HH21-108996		2.63	13	135	13	97	498	71	9.05	<0.5
HH21-108997		2.42	11	149	11	94	510	72	9.56	<0.5
HH21-108998		2.33	11	175	14	101	506	75	9.45	<0.5
HH21-108999		2.38	10	165	15	96	499	75	9.48	<0.5
HH21-109000		2.38	11	128	14	94	475	71	9.01	<0.5
HH21-109001		2.10	17	41	12	93	355	52	6.28	<0.5
HH21-109002		2.39	7	75	21	90	385	57	6.48	<0.5
HH21-109003		2.17	10	75	15	104	379	60	6.87	<0.5
HH21-109004		1.46	7	55	13	90	348	53	6.36	<0.5
HH21-109005		2.18	1	2	<5	58	31	25	1.53	<0.5
HH21-109006		2.45	20	3	<5	222	51	33	2.04	<0.5
HH21-109007		2.97	12	149	12	90	516	74	9.56	<0.5
HH21-109008		2.19	10	90	14	66	387	59	7.07	<0.5
HH21-109009		2.29	17	102	24	111	360	63	6.78	<0.5
HH21-109010		2.23	13	71	17	94	354	57	6.52	<0.5
HH21-109011		2.04	11	51	12	102	340	54	6.33	<0.5
HH21-109012		0.07	133	608	308	4670	4560	121	4.10	2.2
HH21-109013		2.27	72	635	60	423	558	54	5.59	<0.5
HH21-109014		2.32	122	1345	110	661	882	60	5.31	<0.5
HH21-109015		2.22	178	1510	110	648	944	58	5.59	<0.5
HH21-109016		2.09	291	3680	306	1085	2050	75	5.42	0.5
HH21-109017		2.19	302	4370	283	1950	1760	72	5.65	0.8
HH21-109018		2.13	778	8410	547	3560	3800	109	5.27	2.3



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Page: 1
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 Finalized Date: 20-JAN-2022
 Account: MZI

CERTIFICATE TB21339786

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-DEC-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21339786

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.5
HH21-109019		1.40	<1	1	<5				2	2	1	12.90	<0.5
HH21-109020		2.34	583	8690	615				3060	4180	122	5.42	1.2
HH21-109021		2.61	488	4170	316				2080	1745	66	4.90	0.7
HH21-109022		2.60	418	4370	329				2360	1630	72	6.00	0.8
HH21-109023		2.50	287	2260	157				1065	1070	59	5.84	<0.5
HH21-109024		2.42	987	4830	300				1775	2550	89	5.09	0.7
HH21-109025		2.33	245	2730	180				1710	1410	66	5.17	0.6
HH21-109026		2.45	321	4290	293				3100	1965	74	4.67	1.2
HH21-109027		2.30	227	4780	336				1185	2370	81	5.48	<0.5
HH21-109028		2.48	660	6370	317				3360	3490	101	5.21	1.2
HH21-109029		2.36	1510	5650	401				2640	2650	107	6.50	1.0
HH21-109030		2.41	114	1315	66				415	926	62	6.08	<0.5
HH21-109031		2.50	132	697	63				447	623	62	6.59	<0.5
HH21-109032		2.29	108	961	140				457	744	67	7.81	<0.5
HH21-109033		2.30	97	1095	121				506	759	61	6.36	<0.5
HH21-109034		2.55	179	3860	272				1050	2150	101	7.73	<0.5
HH21-109035		2.62	448	2450	160				2470	1410	75	6.39	0.9
HH21-109036		2.48	377	2100	108				895	1140	64	5.56	<0.5
HH21-109037		2.51	371	1935	162				1020	1180	68	5.72	<0.5
HH21-109038		2.47	327	894	95				888	748	61	6.23	<0.5
HH21-109039		2.56	663	>10000	498	270	11550	540	2720	5910	175	5.49	1.4
HH21-109040		0.07	4840	1960	1295				90	91	63	0.26	0.6
HH21-109041		2.42	8	147	29				106	185	21	2.32	<0.5
HH21-109042		2.43	17	281	80				125	425	58	7.06	<0.5
HH21-109043		1.44	3	30	<5				105	14	1	0.07	<0.5
HH21-109044		1.79	3	46	16				118	131	18	2.28	<0.5
HH21-109045		1.72	3	297	35				62	340	39	5.01	<0.5
HH21-109046		2.51	7	407	51				93	435	48	5.97	<0.5
HH21-109047		2.34	160	1830	188				1100	889	67	5.79	<0.5
HH21-109048		2.44	322	4310	251				1640	1850	80	5.39	0.6
HH21-109049		2.22	81	1490	139				726	977	60	5.72	<0.5
HH21-109050		0.07	109	582	329				4460	4330	117	3.92	1.9
HH21-109051		2.65	72	1215	158				400	639	53	5.74	<0.5
HH21-109052		2.52	51	1195	123				267	657	51	5.34	<0.5
HH21-109053		2.38	78	1455	111				460	779	42	3.62	<0.5
HH21-109054		2.34	36	455	42				300	454	49	5.17	<0.5
HH21-109055		2.69	25	1620	102				423	739	60	5.29	<0.5
HH21-109056		2.10	36	2270	175				599	1090	59	5.11	0.5
HH21-109057		2.42	74	2430	186				862	1300	63	4.84	0.5
HH21-109058		2.47	56	1660	126				731	833	60	5.71	<0.5



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21339786

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.5
HH21-109059		2.59	206	1880	176				1050	950	61	5.57	0.5
HH21-109060		2.26	13	376	28				228	401	35	3.60	<0.5
HH21-109061		1.54	<1	4	<5				3	<1	<1	12.25	<0.5
HH21-109062		2.48	4	63	14				74	171	28	2.99	<0.5
HH21-109063		2.32	2	46	13				70	211	32	3.75	<0.5
HH21-109064		2.45	2	54	20				99	251	41	4.66	<0.5
HH21-109065		2.71	3	52	10				43	234	37	4.18	<0.5
HH21-109066		2.10	5	41	9				77	282	43	5.28	<0.5
HH21-109067		2.78	3	138	22				109	305	43	5.03	<0.5
HH21-109068		2.41	5	101	23				87	273	41	4.95	<0.5
HH21-109069		1.36	15	325	45				368	659	45	4.48	<0.5
HH21-109070		2.27	5	111	24				142	344	52	5.42	<0.5
HH21-109071		3.56	2	9	<5				117	168	37	2.96	<0.5
HH21-109072		0.07	1925	1655	212				8570	640	52	4.56	5.3
HH21-109073		2.79	1	3	<5				74	118	35	2.47	<0.5
HH21-109074		1.87	<1	2	<5				57	96	35	2.55	<0.5
HH21-109075		2.69	1	7	<5				73	97	35	2.23	<0.5
HH21-109076		2.24	<1	3	<5				51	44	38	2.56	<0.5
HH21-109077		2.35	<1	2	<5				36	29	35	2.23	<0.5
HH21-109078		2.02	4	2	<5				70	40	39	2.24	<0.5
HH21-109079		2.39	<1	3	<5				41	21	30	1.74	<0.5
HH21-109080		2.50	1	9	<5				28	21	30	1.72	<0.5
HH21-109081		2.33	1	12	<5				43	22	32	1.80	<0.5
HH21-109082		2.25	1	6	<5				37	21	32	1.86	<0.5
HH21-109083		2.45	2	19	<5				77	52	37	2.43	<0.5
HH21-109084		2.31	<1	8	<5				36	14	26	1.54	<0.5
HH21-109085		2.47	<1	1	<5				30	15	24	1.45	<0.5
HH21-109086		2.55	1	1	<5				34	17	26	1.73	<0.5
HH21-109087		0.07	63	601	295				4650	4650	122	4.07	2.1
HH21-109088		2.56	<1	1	<5				42	24	28	1.75	<0.5
HH21-109089		2.38	<1	<1	<5				67	20	27	1.75	<0.5
HH21-109090		2.45	<1	1	<5				45	23	26	1.79	<0.5
HH21-109091		2.48	<1	1	<5				64	20	26	1.72	<0.5
HH21-109092		2.22	<1	1	<5				33	21	24	1.73	<0.5
HH21-109093		2.37	<1	<1	<5				29	20	25	1.71	<0.5
HH21-109094		2.34	<1	<1	<5				36	21	24	1.82	<0.5
HH21-109095		2.54	<1	<1	<5				32	22	26	2.08	<0.5
HH21-109096		2.43	4	<1	<5				143	27	30	2.27	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB21339786

	CERTIFICATE COMMENTS
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	LABORATORY ADDRESSES										
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td></td> <td style="text-align: right;">WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21		LOG-23	PUL-35	PUL-QC	SPL-21		WEI-21
CRU-32	CRU-QC	LOG-21		LOG-23							
PUL-35	PUL-QC	SPL-21		WEI-21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 33%;">PGM-ICP23</td> <td style="width: 33%;">PGM-ICP27</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> </table>	ME-ICP61	PGM-ICP23	PGM-ICP27							
ME-ICP61	PGM-ICP23	PGM-ICP27									



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CERTIFICATE TB21344288

Project: MZI_TB21288237

This report is for 8 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 16-DEC-2021.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21288237**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: MZI_TB21288237

CERTIFICATE OF ANALYSIS TB21344288

Sample Description	Method Analyte Units LOD	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Au	Pd	Pt	Cu	Ni	Co	Mg	Ag	Fe	S
		ppb	ppb	ppb	ppm	ppm	ppm	%	ppm	%	%
		1	1	5	1	1	1	0.01	0.5	0.01	0.01
HH21-108188		77	994	108	475	492	66	6.11	<0.5	6.77	0.14
HH21-108189		6	51	9	118	378	54	6.01	<0.5	5.47	0.03
HH21-108190		4	285	17	126	386	51	5.37	<0.5	4.71	0.14
HH21-108191		63	647	308	4550	4500	119	4.09	2.1	14.50	1.64
HH21-108192		9	274	33	110	384	43	4.75	<0.5	3.97	0.02
HH21-108193		11	12	<5	436	622	46	4.81	<0.5	4.03	0.09
HH21-108194		15	48	5	402	781	45	4.51	<0.5	3.97	0.08
HH21-108195		23	298	24	204	536	62	6.33	<0.5	5.69	0.05

Comments: **Re-analysis results for samples originally reported on certificate TB21288237**

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



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Project: MZI_TB21288237

CERTIFICATE OF ANALYSIS TB21344288

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-ICP61 PGM-ICP23



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 Account: MZI

CERTIFICATE TB21344298

Project: MZI_TB21299760

This report is for 7 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 16-DEC-2021.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21299760**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: IMPALA CANADA LTD.
 BUSINESS NUMBER 131081184
 556 TENTH AVE
 THUNDER BAY ON P7B 2R2

Page: 2 - A
 Total # Pages: 2 (A)
 Plus Appendix Pages
 Finalized Date: 29-DEC-2021
 Account: MZI

Project: MZI_TB21299760

CERTIFICATE OF ANALYSIS TB21344298

Sample Description	Method Analyte Units LOD	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Fe % 0.01	ME-ICP61 S % 0.01
HH21-108425		100	507	91	11.30	<0.5	8.13	0.05
HH21-108426		217	537	91	11.20	<0.5	8.01	0.07
HH21-108427		107	511	88	11.35	<0.5	7.86	0.04
HH21-108428		4630	4590	123	4.25	2.5	15.05	1.68
HH21-108429		108	535	93	11.80	<0.5	8.34	0.05
HH21-108430		94	496	88	11.20	<0.5	7.91	0.04
HH21-108431		90	510	90	11.20	<0.5	7.97	0.04

Comments: **Re-analysis results for samples originally reported on certificate TB21299760**

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



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 29-DEC-2021
Account: MZI

Project: MZI_TB21299760

CERTIFICATE OF ANALYSIS TB21344298

CERTIFICATE COMMENTS

Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND-02 ME-ICP61</p>
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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 29-JAN-2022
 Account: MZI

CERTIFICATE TB21347272

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 19-DEC-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 29-JAN-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21347272

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109097		1.15	<1	<1	<5	1	1	1	11.85	<0.01	0.10	<0.5
HH21-109098		2.76	<1	<1	<5	45	27	22	1.81	0.04	3.64	<0.5
HH21-109099		2.05	<1	<1	<5	24	7	7	0.67	0.04	1.98	<0.5
HH21-109100		3.01	<1	<1	<5	20	2	5	0.44	0.03	1.65	<0.5
HH21-109101		1.72	<1	53	6	87	408	61	9.29	0.01	6.11	<0.5
HH21-109102		2.63	6	232	28	111	402	62	7.90	0.02	6.18	<0.5
HH21-109103		2.16	18	316	34	160	411	64	8.02	0.09	6.10	<0.5
HH21-109104		2.39	10	354	37	166	482	64	8.72	0.02	6.38	<0.5
HH21-109105		2.26	9	186	31	103	426	64	8.24	0.06	5.99	<0.5
HH21-109106		2.48	13	178	30	85	405	63	8.06	0.04	5.79	<0.5
HH21-109107		2.71	11	205	33	93	429	68	7.81	0.07	5.79	<0.5
HH21-109108		2.25	14	252	37	96	407	62	7.47	0.07	5.37	<0.5
HH21-109109		2.58	71	362	53	120	429	63	7.89	0.08	5.95	<0.5
HH21-109110		2.62	32	556	75	129	481	69	8.16	0.06	6.25	<0.5
HH21-109111		2.68	156	2330	245	537	850	73	7.20	0.15	6.22	0.6
HH21-109112		0.07	4930	1955	1250	88	88	64	0.26	0.01	2.29	0.9
HH21-109113		2.54	56	511	72	239	571	73	8.74	0.09	6.52	0.5
HH21-109114		2.66	29	151	21	157	496	71	8.69	0.04	6.59	1.0
HH21-109115		2.46	51	617	104	279	553	72	8.71	0.11	6.56	<0.5
HH21-109116		2.50	60	341	56	393	738	79	9.30	0.12	7.48	0.8
HH21-109117		2.24	168	841	119	1490	1460	101	10.05	0.45	7.87	1.5
HH21-109118		2.28	116	840	92	914	1060	83	8.77	0.26	6.68	0.9
HH21-109119		2.35	7	116	23	62	358	57	6.59	0.02	5.07	<0.5
HH21-109120		3.27	7	146	27	61	386	61	7.31	0.03	5.59	<0.5
HH21-109121		3.44	11	152	30	70	358	57	6.60	0.02	5.15	<0.5
HH21-109122		3.48	10	193	35	70	411	66	7.85	0.02	6.04	<0.5
HH21-109123		2.58	18	261	29	107	338	52	6.02	0.03	5.15	<0.5
HH21-109124		2.75	438	2650	185	866	1415	110	7.16	0.78	8.19	0.6
HH21-109125		2.79	32	827	74	273	511	62	7.04	0.09	5.67	0.5
HH21-109126		2.61	55	713	93	214	550	74	8.12	0.07	6.53	<0.5
HH21-109127		2.62	28	286	49	118	496	72	8.39	0.05	6.46	<0.5
HH21-109128		2.51	245	2760	307	797	979	77	6.96	0.35	6.76	0.5
HH21-109129		2.57	35	340	52	171	567	82	9.88	0.07	7.49	<0.5
HH21-109130		2.51	176	2140	218	946	1015	87	8.55	0.33	7.43	0.9
HH21-109131		2.28	38	283	48	243	432	65	7.20	0.05	5.90	<0.5
HH21-109132		2.44	5	114	23	33	386	55	6.92	0.01	5.31	<0.5
HH21-109133		2.16	15	192	34	89	465	70	8.87	0.02	6.54	0.5
HH21-109134		0.07	74	607	273	4480	4390	115	4.04	1.63	14.60	2.3
HH21-109135		2.64	20	152	31	107	481	73	9.32	0.04	6.83	<0.5
HH21-109136		2.60	14	137	27	82	455	70	9.04	0.04	6.58	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 29-JAN-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21347272

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109137		2.80	12	160	28	76	452	70	9.10	0.04	6.67	<0.5
HH21-109138		2.75	14	126	24	103	457	71	9.11	0.05	6.83	<0.5
HH21-109139		1.21	<1	2	<5	1	2	<1	13.20	0.01	0.13	<0.5
HH21-109140		2.65	12	181	30	79	452	69	8.91	0.04	6.59	<0.5
HH21-109141		2.69	24	258	41	128	466	69	8.94	0.05	6.46	<0.5
HH21-109142		2.70	20	230	39	110	475	70	9.00	0.04	6.48	<0.5
HH21-109143		2.61	12	128	27	81	452	69	9.05	0.05	6.59	<0.5
HH21-109144		2.49	12	151	28	77	449	69	8.85	0.04	6.42	<0.5
HH21-109145		2.81	8	120	28	69	404	62	8.06	0.02	5.87	<0.5
HH21-109146		2.61	10	174	32	83	449	69	8.81	0.04	6.39	<0.5
HH21-109147		2.42	9	136	24	76	426	66	8.75	0.02	6.22	<0.5
HH21-109148		2.57	12	126	28	82	445	67	8.72	0.04	6.22	<0.5
HH21-109149		2.46	22	234	36	94	449	66	8.65	0.04	6.28	<0.5
HH21-109150		2.46	11	151	29	82	426	65	8.45	0.04	6.11	<0.5
HH21-109151		2.59	10	160	30	78	414	63	8.10	0.03	5.91	<0.5
HH21-109152		2.60	9	138	30	79	426	65	8.59	0.04	6.21	<0.5
HH21-109153		2.29	10	156	26	79	408	62	7.90	0.03	5.82	<0.5
HH21-109154		2.75	10	148	28	91	417	64	8.28	0.03	6.12	<0.5
HH21-109155		2.77	250	2760	292	1170	1110	96	8.76	0.65	8.72	0.8
HH21-109156		2.71	243	1885	184	741	1120	82	9.00	0.28	6.92	0.6
HH21-109157		3.17	31	339	36	297	597	78	9.47	0.12	7.17	<0.5
HH21-109158		2.62	15	142	14	262	477	75	9.04	0.12	6.95	<0.5
HH21-109159		2.64	21	116	10	271	437	76	9.04	0.11	7.36	0.5
HH21-109160		0.07	1905	1715	211	9130	677	53	4.87	2.17	7.84	5.4
HH21-109161		2.90	106	1370	120	675	759	83	7.68	0.40	7.49	0.6
HH21-109162		2.42	19	97	11	306	524	80	9.12	0.15	7.40	<0.5
HH21-109163		2.38	7	18	<5	146	411	72	8.79	0.06	6.84	<0.5
HH21-109164		2.71	5	4	<5	120	441	77	9.31	0.07	7.29	<0.5
HH21-109165		2.79	5	2	<5	130	422	73	8.53	0.05	6.62	<0.5
HH21-109166		2.00	13	4	<5	134	235	40	4.76	0.04	4.15	<0.5
HH21-109167		2.76	5	32	<5	204	492	77	8.92	0.15	6.96	<0.5
HH21-109168		2.68	9	4	<5	327	591	80	8.62	0.17	6.73	<0.5
HH21-109169		2.50	26	329	11	403	550	75	7.73	0.16	6.48	<0.5
HH21-109170		2.59	16	68	6	314	554	78	8.48	0.13	6.75	<0.5
HH21-109171		0.07	109	629	304	4360	4210	111	3.76	1.56	13.60	1.8
HH21-109172		2.59	63	709	73	470	733	84	8.77	0.17	7.10	<0.5
HH21-109173		2.74	38	388	36	297	583	78	8.22	0.12	6.75	<0.5
HH21-109174		2.75	143	1615	168	608	808	86	8.36	0.27	7.43	<0.5



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To: IMPALA CANADA LTD.
 BUSINESS NUMBER 131081184
 556 TENTH AVE
 THUNDER BAY ON P7B 2R2

Page: Appendix 1
 Total # Appendix Pages: 1
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21347272

CERTIFICATE COMMENTS									
LABORATORY ADDRESSES									
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table> <tr> <td>CRU-32</td> <td>CRU-QC</td> <td>LOG-21</td> <td>LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table> <tr> <td>ME-ICP61</td> <td>PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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 Total # Pages: 3 (A)
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 Finalized Date: 6-FEB-2022
 Account: MZI

CERTIFICATE TB21356050

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 29-DEC-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Finalized Date: 6-FEB-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21356050

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109253		1.65	<1	2	<5	2	2	1	13.00	<0.01	0.08	<0.5
HH21-109254		2.61	21	281	34	176	613	84	9.79	0.09	7.94	<0.5
HH21-109255		2.82	12	202	22	175	555	80	9.40	0.08	7.61	<0.5
HH21-109256		2.24	11	4	5	235	570	84	10.60	0.10	7.94	<0.5
HH21-109257		2.45	18	46	7	255	624	96	11.65	0.15	8.68	<0.5
HH21-109258		2.65	8	24	<5	133	373	67	8.19	0.06	6.57	<0.5
HH21-109259		2.38	4	11	<5	110	478	82	10.40	0.03	7.89	<0.5
HH21-109260		2.83	6	75	9	137	471	83	10.10	0.08	7.86	<0.5
HH21-109261		2.74	11	49	7	157	293	50	5.51	0.07	4.88	<0.5
HH21-109262		2.61	14	30	<5	248	484	83	9.82	0.11	7.67	<0.5
HH21-109263		2.47	13	261	29	255	435	61	6.98	0.12	5.96	<0.5
HH21-109264		2.38	27	466	56	478	718	110	11.25	0.35	8.74	<0.5
HH21-109265		2.34	7	7	<5	182	514	84	10.45	0.08	7.65	<0.5
HH21-109266		2.37	4	17	<5	167	522	84	10.35	0.08	7.67	<0.5
HH21-109267		2.57	9	154	17	182	417	66	7.86	0.11	6.35	<0.5
HH21-109268		2.34	6	41	5	161	212	42	4.33	0.08	4.63	<0.5
HH21-109269		2.21	16	69	6	298	595	84	9.96	0.11	7.69	<0.5
HH21-109270		2.73	162	1640	178	1950	1645	123	6.85	1.09	7.77	1.0
HH21-109271		2.47	10	31	<5	379	309	43	4.59	0.41	4.98	<0.5
HH21-109272		2.61	9	35	<5	277	251	39	3.96	0.32	4.43	<0.5
HH21-109273		2.16	55	105	5	755	240	46	2.09	0.78	3.93	<0.5
HH21-109274		0.07	4700	1930	1235	88	86	63	0.26	0.02	2.28	0.9
HH21-109275		2.64	30	139	16	651	827	62	5.12	0.43	5.06	<0.5
HH21-109276		2.55	26	112	11	594	798	48	3.36	0.30	3.88	<0.5
HH21-109277		2.62	24	172	25	371	564	62	6.82	0.12	5.81	<0.5
HH21-109278		2.60	14	65	8	194	413	61	6.96	0.09	5.99	<0.5
HH21-109279		2.43	21	55	9	253	379	55	5.86	0.08	5.75	<0.5
HH21-109280		2.70	13	6	<5	224	505	55	6.47	0.09	5.23	<0.5
HH21-109281		2.70	8	30	<5	130	391	52	5.91	0.07	5.08	<0.5
HH21-109282		2.44	11	119	12	210	430	61	6.77	0.11	5.91	<0.5
HH21-109283		1.22	5	8	<5	103	368	57	7.29	0.06	5.94	<0.5
HH21-109284		2.64	11	63	13	174	263	53	5.29	0.13	6.01	<0.5
HH21-109285		1.84	5	22	<5	140	367	60	7.05	0.09	5.78	<0.5
HH21-109286		1.56	3	111	13	130	440	61	7.37	0.11	5.66	<0.5
HH21-109287		2.20	2	47	<5	73	418	55	7.29	0.07	5.72	<0.5
HH21-109288		2.21	5	46	5	115	392	61	7.38	0.06	5.78	<0.5
HH21-109289		2.21	11	16	<5	147	404	60	7.40	0.07	5.67	<0.5
HH21-109290		0.07	85	625	277	5080	4910	132	4.40	1.80	16.20	2.3
HH21-109291		2.20	15	147	18	213	380	55	5.86	0.11	5.40	<0.5
HH21-109292		2.37	17	270	37	265	429	56	6.05	0.15	5.40	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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 Finalized Date: 6-FEB-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21356050

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109293		2.28	10	193	19	195	461	69	7.25	0.13	6.07	<0.5
HH21-109294		2.20	6	67	7	113	421	60	7.14	0.06	6.21	<0.5
HH21-109295		2.21	14	137	20	242	472	61	6.38	0.15	5.79	<0.5
HH21-109296		1.30	<1	296	<5	1	2	1	12.20	<0.01	0.09	<0.5
HH21-109297		2.20	24	289	32	226	362	54	5.98	0.07	5.32	<0.5
HH21-109298		2.16	5	20	<5	123	346	60	7.14	0.05	5.78	<0.5
HH21-109299		2.28	20	202	28	329	485	63	6.12	0.19	5.98	<0.5
HH21-109300		2.30	55	526	55	661	742	78	6.07	0.35	7.36	0.5
HH21-109301		2.22	7	10	<5	201	221	60	4.41	0.14	7.21	<0.5
HH21-109302		2.42	16	145	17	322	475	60	5.40	0.22	5.47	<0.5
HH21-109303		2.42	10	90	7	206	344	58	6.15	0.10	5.55	<0.5
HH21-109304		2.04	6	23	<5	125	339	65	7.34	0.06	6.04	<0.5
HH21-109305		2.30	7	67	6	137	335	58	6.62	0.08	5.68	<0.5
HH21-109306		2.17	4	29	<5	105	330	62	7.24	0.05	5.95	<0.5
HH21-109307		2.02	5	2	<5	135	341	61	7.06	0.06	5.91	<0.5
HH21-109308		2.43	42	308	34	434	558	65	6.27	0.25	6.00	<0.5
HH21-109309		2.28	4	14	<5	117	315	60	7.30	0.05	5.95	<0.5
HH21-109310		2.36	63	1145	129	1450	1265	99	7.90	0.67	8.45	0.5
HH21-109311		2.47	30	337	95	422	548	67	7.06	0.13	6.09	<0.5
HH21-109312		2.29	4	19	<5	87	347	59	7.10	0.02	5.77	<0.5
HH21-109313		2.11	4	11	<5	75	305	57	6.65	0.03	5.48	<0.5
HH21-109314		2.46	4	3	<5	83	319	60	6.77	0.02	5.73	<0.5
HH21-109315		0.07	1890	1620	240	8630	639	51	4.56	2.04	7.32	4.9
HH21-109316		2.33	4	30	<5	100	303	57	6.63	0.05	5.50	<0.5
HH21-109317		2.30	4	9	<5	107	334	60	7.24	0.04	5.76	<0.5
HH21-109318		1.97	3	2	<5	94	318	59	7.06	0.03	5.57	<0.5
HH21-109319		2.63	5	199	27	105	363	60	7.33	0.03	5.77	<0.5
HH21-109320		2.39	2	2	<5	98	321	56	7.02	0.05	5.19	<0.5
HH21-109321		2.70	3	12	<5	315	548	63	7.16	0.16	5.60	<0.5
HH21-109322		0.07	114	608	280	4480	4350	116	3.96	1.62	14.45	2.0
HH21-109323		2.36	3	4	<5	202	435	59	7.09	0.09	5.45	<0.5
HH21-109324		2.30	<1	1	<5	114	356	58	6.55	0.06	5.17	<0.5
HH21-109325		2.53	<1	<1	<5	80	331	57	6.96	0.04	5.31	<0.5
HH21-109326		2.15	<1	<1	<5	81	335	57	6.76	0.04	5.20	<0.5
HH21-109327		2.38	1	1	<5	75	342	60	7.14	0.04	5.45	<0.5
HH21-109328		2.51	2	8	<5	83	339	59	6.98	0.04	5.36	<0.5
HH21-109329		2.36	<1	3	<5	72	354	60	7.22	0.03	5.54	<0.5
HH21-109330		2.22	<1	1	<5	81	334	57	6.50	0.04	5.10	<0.5



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556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: Appendix 1
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Finalized Date: 6-FEB-2022
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB21356050

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB21357025

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 30-DEC-2021.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21357025

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
HH21-109175		1.10	<1	1	<5	2	1	<1	12.95	0.01	0.08	<0.5
HH21-109176		2.96	129	1660	169	610	781	94	9.36	0.29	8.59	<0.5
HH21-109177		2.76	10	107	14	241	477	78	9.32	0.11	7.31	<0.5
HH21-109178		2.53	20	196	21	325	626	82	9.19	0.18	7.31	<0.5
HH21-109179		2.69	57	1515	148	432	990	84	8.68	0.21	7.06	<0.5
HH21-109180		2.52	26	333	36	245	570	76	8.96	0.08	6.96	<0.5
HH21-109181		2.79	4	19	<5	104	410	76	9.19	0.04	7.05	<0.5
HH21-109182		2.60	<1	8	<5	91	390	75	9.23	0.05	7.10	<0.5
HH21-109183		2.64	7	32	<5	123	399	74	9.22	0.05	7.04	<0.5
HH21-109184		2.68	10	5	<5	109	416	74	9.29	0.06	7.06	<0.5
HH21-109185		2.91	44	340	38	349	528	80	9.60	0.12	7.59	<0.5
HH21-109186		0.07	5250	2030	1320	90	87	66	0.27	0.02	2.34	0.8
HH21-109187		2.70	77	903	96	377	658	88	10.15	0.16	7.93	<0.5
HH21-109188		2.92	2	8	<5	105	397	75	9.34	0.05	7.09	<0.5
HH21-109189		2.83	4	11	<5	115	390	75	9.33	0.05	7.05	<0.5
HH21-109190		2.75	<1	6	<5	87	385	76	9.37	0.04	7.21	<0.5
HH21-109191		2.61	3	2	<5	94	371	72	8.82	0.03	6.94	<0.5
HH21-109192		2.49	27	184	27	268	455	79	8.99	0.07	7.22	<0.5
HH21-109193		3.48	11	210	8	649	220	49	4.84	0.76	6.27	0.5
HH21-109194		1.97	16	144	10	230	463	80	9.02	0.11	7.23	<0.5
HH21-109195		2.72	24	59	11	247	538	81	9.21	0.08	7.30	<0.5
HH21-109196		2.56	33	224	24	294	584	83	9.29	0.09	7.50	<0.5
HH21-109197		2.81	30	175	23	433	598	87	9.04	0.18	7.40	0.5
HH21-109198		2.55	13	66	8	185	473	86	9.67	0.06	7.84	<0.5
HH21-109199		3.15	15	166	22	227	534	87	9.75	0.08	7.86	<0.5
HH21-109200		2.70	9	71	9	186	429	68	7.34	0.18	6.37	<0.5
HH21-109201		2.65	55	423	43	789	685	68	7.35	0.49	6.52	0.8
HH21-109202		2.46	36	162	22	433	630	89	10.05	0.21	8.00	<0.5
HH21-109203		2.72	22	105	12	304	499	81	9.84	0.16	7.68	<0.5
HH21-109204		2.42	36	214	26	373	603	88	9.90	0.18	7.80	<0.5
HH21-109205		2.90	12	25	<5	209	516	82	9.89	0.08	7.85	<0.5
HH21-109206		2.53	25	116	16	291	580	86	10.20	0.09	7.99	<0.5
HH21-109207		2.59	59	666	74	629	762	95	10.35	0.24	8.29	<0.5
HH21-109208		0.07	89	622	306	4580	4480	119	4.03	1.67	14.75	2.0
HH21-109209		2.69	77	596	75	541	811	95	9.63	0.25	8.18	<0.5
HH21-109210		2.55	39	258	30	428	584	76	8.16	0.17	6.99	<0.5
HH21-109211		2.47	23	336	35	368	652	88	9.50	0.25	7.82	<0.5
HH21-109212		2.13	9	4	<5	162	438	80	9.78	0.08	7.66	<0.5
HH21-109213		2.28	11	55	8	185	463	81	9.85	0.10	7.68	<0.5
HH21-109214		2.71	5	13	<5	228	521	85	10.30	0.13	8.03	<0.5



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CERTIFICATE OF ANALYSIS TB21357025

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109215		2.11	12	30	6	322	561	87	10.55	0.17	8.08	<0.5
HH21-109216		2.49	10	55	7	235	544	89	10.65	0.12	8.28	<0.5
HH21-109217		1.93	20	120	14	278	504	79	9.48	0.08	7.74	<0.5
HH21-109218		2.23	10	14	<5	222	513	87	10.90	0.12	8.23	<0.5
HH21-109219		2.19	24	862	112	156	704	79	8.83	0.05	7.15	<0.5
HH21-109220		1.60	<1	2	<5	1	3	<1	12.40	0.01	0.08	<0.5
HH21-109221		2.15	10	614	73	50	654	75	8.22	0.02	6.76	<0.5
HH21-109222		2.41	4	13	<5	95	324	47	6.70	0.22	5.64	<0.5
HH21-109223		2.65	7	51	9	82	473	74	9.26	0.01	7.29	<0.5
HH21-109224		2.65	13	44	6	168	452	74	8.95	0.04	6.99	<0.5
HH21-109225		2.68	18	356	48	176	477	72	8.08	0.04	6.64	<0.5
HH21-109226		2.55	28	409	49	216	544	79	9.16	0.07	7.38	<0.5
HH21-109227		2.77	11	50	8	146	453	77	9.74	0.07	7.54	<0.5
HH21-109228		2.44	122	1035	548	838	861	99	9.00	0.44	7.66	<0.5
HH21-109229		2.51	15	67	9	186	465	78	9.58	0.07	7.29	<0.5
HH21-109230		2.16	7	5	<5	160	455	80	9.56	0.08	7.29	<0.5
HH21-109231		2.78	3	4	<5	130	415	74	9.41	0.07	7.08	<0.5
HH21-109232		2.49	7	77	9	111	474	79	9.95	0.05	7.51	<0.5
HH21-109233		2.34	9	20	<5	125	463	78	9.58	0.06	7.35	<0.5
HH21-109234		2.66	12	22	6	128	438	78	9.86	0.04	7.47	<0.5
HH21-109235		2.48	11	32	<5	127	438	78	9.75	0.05	7.36	<0.5
HH21-109236		0.07	1860	1625	216	8520	632	50	4.39	1.98	7.17	5.0
HH21-109237		2.47	8	1	<5	109	418	74	9.51	0.04	7.07	<0.5
HH21-109238		2.36	12	7	<5	138	456	78	9.95	0.04	7.48	<0.5
HH21-109239		1.72	24	631	73	261	677	79	8.59	0.17	7.48	<0.5
HH21-109240		3.28	20	183	26	187	376	55	5.73	0.08	5.18	<0.5
HH21-109241		2.38	37	402	38	420	589	65	5.71	0.23	5.57	<0.5
HH21-109242		2.43	27	131	18	339	675	88	10.05	0.14	8.11	<0.5
HH21-109243		2.33	18	114	19	309	670	89	10.20	0.20	7.90	0.5
HH21-109244		2.54	13	98	11	170	485	82	9.97	0.07	7.71	<0.5
HH21-109245		2.46	12	37	6	190	431	75	9.06	0.05	7.13	<0.5
HH21-109246		0.07	78	594	295	4540	4410	117	3.89	1.59	14.25	2.0
HH21-109247		2.65	8	34	6	101	486	78	10.80	0.04	7.74	<0.5
HH21-109248		3.12	10	81	9	97	486	78	10.85	0.06	7.87	<0.5
HH21-109249		2.23	14	26	6	175	539	90	10.80	0.11	8.05	<0.5
HH21-109250		2.43	10	8	<5	154	490	84	10.15	0.07	7.82	<0.5
HH21-109251		2.47	20	164	22	259	616	89	10.05	0.13	8.21	<0.5
HH21-109252		2.56	17	793	102	200	627	93	10.40	0.12	8.40	<0.5



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CERTIFICATE OF ANALYSIS TB21357025

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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CERTIFICATE TB22001407

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 2-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB22001407

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109331		1.25	<1	2	<5	<1	<1	1	12.80	<0.01	0.14	<0.5
HH21-109332		2.19	1	3	<5	89	354	59	7.53	0.05	5.58	<0.5
HH21-109333		2.28	3	28	<5	126	343	58	6.76	0.04	5.75	<0.5
HH21-109334		2.97	3	7	<5	147	356	58	6.45	0.07	5.67	<0.5
HH21-109335		2.53	11	65	10	208	234	59	5.12	0.19	6.65	<0.5
HH21-109336		2.20	11	24	<5	136	354	60	6.44	0.09	6.14	<0.5
HH21-109337		2.48	6	3	<5	77	374	62	8.06	0.04	5.81	<0.5
HH21-109338		2.11	1	1	<5	77	350	60	7.77	0.04	5.77	<0.5
HH21-109339		2.34	2	3	<5	110	374	61	8.01	0.05	5.90	<0.5
HH21-109340		2.40	3	23	<5	88	346	58	7.40	0.05	5.52	<0.5
HH21-109341		2.50	4	26	<5	73	356	56	7.39	0.05	5.76	<0.5
HH21-109342		2.41	19	90	13	455	524	66	5.14	0.32	6.13	<0.5
HH21-109343		2.32	15	76	7	397	497	65	5.45	0.34	6.05	<0.5
HH21-109344		2.31	2	4	<5	123	358	59	6.74	0.09	5.67	<0.5
HH21-109345		2.26	2	2	<5	52	319	52	6.82	0.07	5.37	<0.5
HH21-109346		2.34	14	10	<5	345	508	66	5.21	0.43	6.01	<0.5
HH21-109347		2.39	22	184	22	480	594	71	5.30	0.37	6.04	<0.5
HH21-109348		2.68	10	277	30	271	565	74	5.21	0.41	6.01	<0.5
HH21-109349		2.54	6	28	<5	126	373	55	6.80	0.07	5.18	<0.5
HH21-109350		0.04	4640	2070	1300	88	86	62	0.27	0.01	2.25	0.9
HH21-109351		2.41	5	4	<5	119	423	68	9.17	0.06	6.55	<0.5
HH21-109352		2.32	13	133	22	324	638	84	9.50	0.24	7.65	<0.5
HH21-109353		2.31	5	24	<5	129	492	77	10.30	0.07	7.40	<0.5
HH21-109354		2.48	21	133	14	184	527	77	10.30	0.09	7.64	<0.5
HH21-109355		2.72	1	4	<5	77	453	77	10.85	0.04	7.28	<0.5
HH21-109356		2.68	1	9	<5	79	464	76	10.70	0.05	7.25	<0.5
HH21-109357		0.07	91	606	313	4480	4240	113	3.89	1.57	14.00	3.7
HH21-109358		2.49	13	5	<5	240	425	75	9.68	0.12	7.37	<0.5
HH21-109359		2.60	1	2	<5	83	471	79	10.90	0.05	7.48	<0.5
HH21-109360		2.71	2	12	<5	91	486	82	11.35	0.07	7.75	<0.5
HH21-109361		2.50	2	5	<5	96	481	80	10.90	0.07	7.53	<0.5
HH21-109362		2.81	3	3	<5	129	293	71	7.71	0.19	7.89	<0.5
HH21-109363		2.46	1	1	<5	62	445	77	10.35	0.05	7.41	<0.5
HH21-109364		2.61	2	6	<5	77	439	75	10.50	0.04	7.19	<0.5
HH21-109365		2.11	2	5	<5	86	447	76	10.55	0.05	7.04	<0.5
HH21-109366		2.90	2	1	<5	61	446	75	10.70	0.04	7.21	<0.5
HH21-109367		2.49	5	58	5	134	463	75	10.20	0.06	7.14	<0.5
HH21-109368		2.68	6	18	<5	85	422	73	9.82	0.04	6.96	<0.5
HH21-109369		2.41	2	67	7	76	465	76	10.30	0.04	7.09	<0.5
HH21-109370		2.26	3	2	<5	95	436	69	9.18	0.04	6.24	<0.5



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To: **IMPALA CANADA LTD.**
BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB22001407

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109371		2.00	2	18	<5	100	458	74	10.45	0.04	6.88	<0.5
HH21-109372		2.63	<1	1	<5	84	479	78	11.05	0.04	7.61	<0.5
HH21-109373		2.56	3	3	<5	63	498	77	10.60	0.02	7.41	<0.5
HH21-109374		2.38	17	399	44	348	692	89	9.73	0.27	7.69	<0.5
HH21-109375		2.44	9	36	<5	134	516	83	11.30	0.05	7.67	<0.5
HH21-109376		2.58	4	20	<5	106	467	74	10.35	0.03	7.11	<0.5
HH21-109377		0.94	<1	<1	<5	1	2	<1	13.05	0.02	0.10	<0.5
HH21-109378		2.04	16	261	25	446	718	87	9.41	0.32	7.82	<0.5
HH21-109379		2.76	13	128	10	302	324	54	4.32	0.28	6.26	<0.5
HH21-109380		2.47	18	817	102	506	938	85	6.06	0.74	7.21	<0.5
HH21-109381		2.52	5	9	<5	102	443	59	8.42	0.04	5.84	<0.5
HH21-109382		2.54	1	12	<5	98	454	71	10.15	0.02	6.64	<0.5
HH21-109383		2.41	7	4	<5	169	493	69	10.40	0.04	6.68	<0.5
HH21-109384		2.69	16	146	32	223	554	71	8.65	0.13	6.53	<0.5
HH21-109385		2.23	3	3	<5	136	471	73	9.55	0.06	6.67	<0.5
HH21-109386		0.07	1930	1615	213	8880	649	51	4.64	2.07	7.52	4.7
HH21-109387		2.76	4	9	<5	209	526	76	9.96	0.08	6.88	<0.5
HH21-109388		2.48	8	30	7	213	513	70	8.97	0.07	6.36	<0.5
HH21-109389		2.70	8	57	9	156	453	70	9.10	0.07	6.44	<0.5
HH21-109390		2.63	108	1600	182	1020	1190	96	7.08	0.61	8.70	0.5
HH21-109391		2.23	35	64	8	146	486	72	9.56	0.05	6.67	<0.5
HH21-109392		2.30	8	3	<5	186	468	75	10.00	0.05	6.94	<0.5
HH21-109393		2.41	44	694	73	429	734	82	8.80	0.16	7.22	<0.5
HH21-109394		2.35	55	669	77	383	700	83	9.73	0.13	7.49	<0.5
HH21-109395		2.26	14	173	16	159	532	74	9.50	0.03	6.76	<0.5
HH21-109396		2.76	4	7	<5	109	492	77	10.65	0.02	6.93	<0.5
HH21-109397		2.27	5	5	5	209	501	80	10.80	0.08	6.69	<0.5
HH21-109398		2.56	5	2	<5	143	482	77	10.55	0.03	6.56	<0.5
HH21-109399		2.23	3	2	<5	125	468	77	10.90	0.04	6.70	<0.5
HH21-109400		0.07	61	619	304	4700	4520	120	4.12	1.68	14.75	2.3
HH21-109401		2.40	9	2	<5	88	490	79	11.20	0.03	7.02	<0.5
HH21-109402		2.60	3	2	<5	122	501	78	10.55	0.07	6.44	<0.5
HH21-109403		2.31	3	35	5	82	513	79	10.90	0.04	6.93	<0.5
HH21-109404		2.51	3	2	<5	95	499	79	11.00	0.04	6.85	<0.5
HH21-109405		2.71	3	3	<5	116	509	81	11.10	0.05	6.93	<0.5
HH21-109406		2.39	3	28	<5	124	490	79	11.15	0.05	7.07	<0.5
HH21-109407		2.58	3	8	<5	101	460	76	10.65	0.04	6.70	<0.5
HH21-109408		2.57	8	215	24	322	549	86	10.15	0.19	6.79	<0.5



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CERTIFICATE OF ANALYSIS TB22001407

CERTIFICATE COMMENTS

LABORATORY ADDRESSES									
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%; text-align: right;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td style="text-align: right;">WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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CERTIFICATE TB22001408

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 2-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB22001408

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5	
HH21-109409		1.05	<1	1	<5	2	1	<1	11.80	<0.01	0.11	<0.5
HH21-109410		2.49	2	3	<5	113	493	80	11.10	0.05	7.02	<0.5
HH21-109411		2.80	1	1	<5	110	496	79	11.15	0.05	7.15	<0.5
HH21-109412		2.08	1	1	<5	103	492	82	10.95	0.05	7.41	<0.5
HH21-109413		2.61	3	2	<5	80	344	59	7.78	0.36	6.80	<0.5
HH21-109414		2.54	1	2	<5	122	493	79	10.95	0.04	7.08	<0.5
HH21-109415		1.84	2	3	<5	121	492	78	10.90	0.04	7.03	<0.5
HH21-109416		2.42	2	26	<5	107	502	78	10.90	0.03	7.00	<0.5
HH21-109417		2.69	<1	3	<5	111	479	76	10.60	0.04	6.77	<0.5
HH21-109418		2.56	14	7	<5	85	481	78	10.60	0.02	6.86	<0.5
HH21-109419		2.63	1	4	<5	72	521	81	11.15	0.02	7.30	<0.5
HH21-109420		2.29	1	3	<5	97	507	81	11.35	0.03	7.08	<0.5
HH21-109421		2.19	<1	1	<5	74	440	71	10.15	0.02	6.59	<0.5
HH21-109422		2.84	1	1	<5	91	448	74	10.30	0.03	6.43	<0.5
HH21-109423		2.37	<1	1	<5	99	481	78	11.20	0.04	6.95	<0.5
HH21-109424		2.56	4	85	9	187	538	82	10.40	0.13	7.13	<0.5
HH21-109425		2.38	3	2	<5	159	516	80	10.85	0.05	6.87	<0.5
HH21-109426		0.04	4830	1930	1230	86	87	63	0.27	0.01	2.26	0.7
HH21-109427		2.40	3	4	<5	206	566	83	10.95	0.08	7.17	<0.5
HH21-109428		2.35	3	7	<5	178	541	82	10.90	0.06	7.44	<0.5
HH21-109429		2.70	2	3	<5	160	508	80	11.10	0.06	7.34	<0.5
HH21-109430		2.48	13	95	13	291	611	79	9.15	0.12	6.98	<0.5
HH21-109431		2.22	12	59	9	378	531	59	7.48	0.10	6.25	<0.5
HH21-109432		0.07	97	593	284	4510	4440	119	4.01	1.66	14.80	2.1
HH21-109433		2.58	4	3	<5	145	458	68	8.30	0.04	6.31	<0.5
HH21-109434		2.22	8	28	<5	192	494	67	7.32	0.04	5.72	<0.5
HH21-109435		2.63	4	5	<5	111	405	68	8.35	0.03	5.93	<0.5
HH21-109436		2.27	5	13	<5	119	408	62	6.99	0.03	5.72	<0.5
HH21-109437		2.27	4	6	<5	110	325	45	5.49	0.04	4.66	<0.5
HH21-109438		2.33	9	11	<5	204	458	67	7.13	0.07	6.07	<0.5
HH21-109439		2.39	19	9	<5	321	584	75	7.33	0.13	6.53	<0.5
HH21-109440		2.39	3	11	<5	127	378	57	6.98	0.04	5.63	<0.5
HH21-109441		2.65	4	34	<5	139	494	76	9.40	0.04	6.58	<0.5
HH21-109442		2.23	5	6	<5	133	483	74	8.99	0.03	6.51	<0.5
HH21-109443		2.49	43	551	47	498	754	86	8.40	0.26	7.34	<0.5
HH21-109444		2.49	198	1725	190	1285	1110	104	7.76	0.52	8.63	0.5
HH21-109445		2.37	50	339	23	402	635	74	6.60	0.18	6.56	<0.5
HH21-109446		2.61	6	125	13	87	382	53	5.33	0.01	5.05	<0.5
HH21-109447		2.32	40	124	11	339	429	51	4.93	0.08	4.96	<0.5
HH21-109448		2.74	84	962	122	906	844	82	6.23	0.32	6.89	<0.5



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CERTIFICATE OF ANALYSIS TB22001408

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 S % 0.01	ME-ICP61 Fe % 0.01	ME-ICP61 Ag ppm 0.5
HH21-109449		2.63	413	4290	668	2630	2360	170	8.28	1.48	12.00	1.0
HH21-109450		3.07	31	123	14	333	382	55	5.25	0.07	5.63	<0.5
HH21-109451		1.44	1	1	<5	5	6	1	12.20	<0.01	0.12	<0.5
HH21-109452		1.84	49	343	42	688	654	92	8.66	0.36	7.26	<0.5
HH21-109453		2.53	3	3	<5	125	490	75	10.35	0.05	6.35	<0.5
HH21-109454		2.61	3	2	<5	133	493	78	10.50	0.04	6.38	<0.5
HH21-109455		2.46	1	2	<5	105	518	82	11.30	0.03	6.83	<0.5
HH21-109456		2.42	3	2	<5	113	520	83	11.40	0.04	6.71	<0.5
HH21-109457		2.71	13	94	<5	289	669	92	11.00	0.19	7.24	<0.5
HH21-109458		2.61	51	667	72	886	995	104	8.34	0.51	8.23	<0.5
HH21-109459		2.57	11	48	<5	204	572	85	11.15	0.07	7.37	<0.5
HH21-109460		0.07	1960	1710	222	8830	656	53	4.57	2.08	7.39	5.1
HH21-109461		2.64	9	5	<5	180	571	85	11.50	0.05	6.84	<0.5
HH21-109462		2.61	4	3	<5	125	513	79	11.00	0.04	6.53	<0.5
HH21-109463		2.56	2	2	<5	126	518	79	10.75	0.05	6.30	<0.5
HH21-109464		2.54	5	2	<5	102	514	79	10.85	0.03	6.37	<0.5
HH21-109465		2.64	1	29	<5	133	502	77	10.25	0.07	6.02	<0.5
HH21-109466		2.52	3	1	<5	133	495	74	10.05	0.04	5.97	<0.5
HH21-109467		2.62	18	2	<5	187	493	70	9.41	0.04	5.72	<0.5
HH21-109468		2.48	1	2	<5	98	532	80	10.90	0.04	6.28	<0.5
HH21-109469		2.59	5	32	<5	146	557	80	11.25	0.07	6.63	<0.5
HH21-109470		2.51	1	4	<5	144	549	80	11.05	0.06	6.67	<0.5
HH21-109471		2.66	<1	2	<5	132	541	80	11.05	0.06	6.76	<0.5
HH21-109472		2.48	2	3	<5	261	513	78	10.00	0.17	6.31	<0.5
HH21-109473		2.80	1	3	<5	167	549	78	10.65	0.09	6.49	<0.5
HH21-109474		2.29	1	6	<5	134	520	77	10.80	0.06	6.31	<0.5
HH21-109475		2.85	1	1	<5	136	538	79	11.00	0.06	6.57	<0.5
HH21-109476		0.07	68	613	307	4410	4310	115	3.82	1.60	13.90	2.1
HH21-109477		2.66	<1	1	<5	128	519	77	10.85	0.06	6.38	<0.5
HH21-109478		2.36	<1	2	<5	76	483	75	10.65	0.06	6.26	<0.5
HH21-109479		2.64	<1	1	<5	77	498	77	10.95	0.04	6.34	<0.5
HH21-109480		2.40	<1	23	<5	93	469	72	10.10	0.04	6.00	<0.5
HH21-109481		2.26	2	30	<5	98	520	77	10.75	0.05	6.24	<0.5
HH21-109482		2.58	<1	2	<5	118	544	81	11.50	0.06	6.78	<0.5
HH21-109483		2.59	7	1	<5	84	507	79	11.20	0.04	6.56	<0.5
HH21-109484		2.37	1	2	<5	63	491	74	10.65	0.02	6.37	<0.5
HH21-109485		2.40	2	2	<5	109	507	77	11.05	0.04	6.44	<0.5
HH21-109486		2.32	1	3	<5	155	587	81	11.65	0.06	6.84	<0.5



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BUSINESS NUMBER 131081184
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 8-FEB-2022
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22001408

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Plus Appendix Pages
 Finalized Date: 12-FEB-2022
 Account: MZI

CERTIFICATE TB22001411

Project: 18-101
 P.O. No.: 182449
 This report is for 50 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 2-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Finalized Date: 12-FEB-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22001411

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109487		0.87	<1	2	<5	1	1	<1	12.75	0.01	0.08	<0.5
HH21-109488		2.69	1	1	<5	93	477	73	10.80	0.04	6.26	<0.5
HH21-109489		2.76	3	26	<5	67	275	47	5.78	0.09	5.44	<0.5
HH21-109490		2.05	1	1	<5	46	12	24	1.17	0.09	6.85	<0.5
HH21-109491		2.24	<1	<1	<5	40	13	28	1.35	0.09	7.18	<0.5
HH21-109492		2.28	1	1	<5	44	12	24	1.22	0.10	7.20	<0.5
HH21-109493		2.50	2	11	<5	99	30	24	1.25	0.12	6.58	<0.5
HH21-109494		2.33	6	6	<5	222	655	64	8.61	0.10	5.36	<0.5
HH21-109495		2.22	5	96	12	139	561	78	11.15	0.09	6.82	<0.5
HH21-109496		2.54	2	25	<5	116	565	78	11.25	0.07	6.73	<0.5
HH21-109497		2.43	2	2	<5	66	404	58	8.30	0.02	5.13	<0.5
HH21-109498		2.21	1	2	<5	38	228	34	4.74	0.01	3.17	<0.5
HH21-109499		2.34	3	74	7	76	509	70	9.78	0.03	6.05	<0.5
HH21-109500		2.27	2	11	<5	96	539	77	11.20	0.03	6.43	<0.5
HH21-109501		2.63	8	1	<5	171	538	65	8.96	0.06	5.40	<0.5
HH21-109502		2.50	9	4	<5	219	725	77	10.35	0.10	6.13	<0.5
HH21-109503		2.52	5	40	<5	127	570	75	10.90	0.04	6.24	<0.5
HH21-109504		3.46	4	20	<5	107	270	36	4.82	0.04	3.45	<0.5
HH21-109505		1.29	2	2	<5	80	545	78	11.65	0.02	6.77	<0.5
HH21-109506		0.07	4780	2030	1290	90	88	65	0.28	0.01	2.31	0.8
HH21-109507		2.20	1	1	<5	82	550	79	11.50	0.04	6.62	<0.5
HH21-109508		2.60	<1	<1	<5	83	561	83	12.10	0.03	6.95	<0.5
HH21-109509		2.60	1	5	<5	61	535	78	11.60	0.02	6.78	<0.5
HH21-109510		2.90	<1	1	<5	63	541	76	11.65	0.02	6.77	<0.5
HH21-109511		2.65	2	1	<5	79	573	79	11.75	0.03	6.81	<0.5
HH21-109512		0.07	67	625	309	4580	4470	117	3.97	1.63	14.45	2.2
HH21-109513		2.73	<1	1	<5	87	548	77	11.60	0.03	6.65	<0.5
HH21-109514		3.00	1	1	<5	69	558	78	11.65	0.03	6.73	<0.5
HH21-109515		2.69	<1	2	<5	69	565	79	11.65	0.02	6.74	<0.5
HH21-109516		2.47	3	2	<5	84	525	73	10.70	0.03	6.58	<0.5
HH21-109517		2.91	1	1	<5	75	565	79	11.50	0.03	6.67	<0.5
HH21-109518		2.51	4	2	<5	129	660	90	12.70	0.09	7.26	<0.5
HH21-109519		2.57	19	14	<5	938	1655	105	12.75	0.37	7.43	0.5
HH21-109520		2.57	14	10	5	557	1105	79	9.85	0.21	6.12	<0.5
HH21-109521		2.54	3	1	<5	108	611	79	11.55	0.03	6.82	<0.5
HH21-109522		2.58	8	2	<5	198	667	75	10.75	0.05	6.29	<0.5
HH21-109523		2.67	13	4	<5	389	873	76	9.92	0.13	5.92	<0.5
HH21-109524		2.46	8	2	<5	195	608	66	9.11	0.06	5.59	<0.5
HH21-109525		2.42	12	3	<5	129	647	72	10.45	0.05	6.25	<0.5
HH21-109526		2.52	68	16	8	887	1725	90	10.50	0.31	6.52	<0.5



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 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 12-FEB-2022
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Project: 18-101

CERTIFICATE OF ANALYSIS TB22001411

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
HH21-109527		1.22	<1	2	<5	3	2	<1	12.35	0.08	0.11	<0.5
HH21-109528		3.60	6	4	<5	124	311	47	5.09	0.08	6.96	<0.5
HH21-109529		1.48	32	152	15	667	1420	96	10.25	0.41	7.51	<0.5
HH21-109530		2.43	16	17	8	496	1135	89	11.15	0.19	7.09	<0.5
HH21-109531		2.44	28	550	87	832	1990	100	10.65	0.37	7.53	<0.5
HH21-109532		2.78	2	4	<5	266	777	84	11.50	0.11	7.19	<0.5
HH21-109533		3.01	6	5	5	263	787	84	11.40	0.11	6.99	<0.5
HH21-109534		2.80	<1	1	5	85	591	80	11.45	0.04	7.22	<0.5
HH21-109535		2.66	2	29	5	116	644	80	11.40	0.05	6.87	<0.5
HH21-109536		2.49	2	90	15	124	624	80	11.50	0.05	7.14	<0.5



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CERTIFICATE OF ANALYSIS TB22001411

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Finalized Date: 11-FEB-2022
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CERTIFICATE TB22006231

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 9-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22006231

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-109565		1.36	6	2	<5	1	3	<1	12.50	<0.5
HH21-109566		2.74	6	56	<5	200	282	44	4.38	<0.5
HH21-109567		2.55	16	90	5	334	355	43	4.50	<0.5
HH21-109568		2.51	10	20	6	237	363	52	5.77	<0.5
HH21-109569		2.60	8	50	12	172	369	53	5.83	<0.5
HH21-109570		2.40	18	757	49	829	996	67	5.15	<0.5
HH21-109571		2.58	7	28	<5	245	346	57	6.07	<0.5
HH21-109572		2.57	10	57	17	352	381	60	6.33	<0.5
HH21-109573		2.59	5	6	<5	210	291	54	5.39	<0.5
HH21-109574		2.57	2	5	<5	173	219	37	3.62	<0.5
HH21-109575		2.70	2	5	<5	183	264	47	5.02	<0.5
HH21-109576		2.68	3	4	<5	155	326	58	6.30	<0.5
HH21-109577		2.71	4	4	<5	204	317	58	6.02	<0.5
HH21-109578		2.81	6	10	<5	210	475	59	6.29	<0.5
HH21-109579		2.64	9	12	<5	319	393	59	6.11	<0.5
HH21-109580		0.07	4820	1930	1225	83	83	62	0.25	0.9
HH21-109581		2.61	4	15	<5	128	304	51	5.59	<0.5
HH21-109582		2.57	7	6	<5	232	288	53	5.79	<0.5
HH21-109583		2.56	2	9	<5	155	374	65	7.87	<0.5
HH21-109584		3.92	3	7	<5	165	231	43	4.53	<0.5
HH21-109585		3.18	2	286	<5	137	184	9	0.05	<0.5
HH21-109586		2.98	1	3	<5	147	305	55	6.19	<0.5
HH21-109587		2.74	5	5	<5	210	294	55	5.65	<0.5
HH21-109588		2.58	4	7	<5	160	297	56	5.82	<0.5
HH21-109589		2.72	1	4	<5	127	297	53	5.96	<0.5
HH21-109590		2.57	5	5	<5	266	433	57	6.39	<0.5
HH21-109591		2.65	3	4	<5	181	320	53	5.71	<0.5
HH21-109592		2.71	2	6	<5	194	300	54	5.37	<0.5
HH21-109593		2.32	7	5	<5	207	302	56	5.83	<0.5
HH21-109594		2.74	3	6	<5	218	400	66	6.70	<0.5
HH21-109595		2.52	3	5	<5	154	299	57	5.97	<0.5
HH21-109596		2.58	4	9	<5	178	378	64	7.25	<0.5
HH21-109597		2.50	2	3	<5	114	343	59	7.38	<0.5
HH21-109598		2.63	3	2	<5	106	293	55	6.60	<0.5
HH21-109599		2.93	2	3	<5	152	310	56	6.45	<0.5
HH21-109600		2.71	4	3	<5	228	442	65	7.72	<0.5
HH21-109601		2.80	3	1	<5	139	401	67	8.65	<0.5
HH21-109602		0.07	56	597	304	4420	4300	114	3.88	1.9
HH21-109603		2.74	3	4	<5	128	290	52	5.72	<0.5
HH21-109604		2.69	8	108	7	189	323	59	6.02	<0.5



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 Total # Pages: 3 (A)
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 Finalized Date: 11-FEB-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22006231

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
HH21-109605		2.68	2	228	17	96	289	48	4.42	<0.5
HH21-109606		2.44	2	42	15	107	134	38	3.11	<0.5
HH21-109607		2.67	7	61	19	168	205	44	4.49	<0.5
HH21-109608		2.68	12	79	17	181	203	42	3.86	<0.5
HH21-109609		2.82	8	33	10	219	219	45	4.37	<0.5
HH21-109610		2.78	10	6	<5	206	276	47	4.42	<0.5
HH21-109611		2.57	6	79	10	156	250	46	4.52	<0.5
HH21-109612		2.70	15	35	10	162	263	45	4.55	<0.5
HH21-109613		2.69	18	273	90	222	336	51	4.94	<0.5
HH21-109614		2.79	24	115	23	232	347	49	4.76	<0.5
HH21-109615		1.25	3	1	<5	1	1	<1	12.00	<0.5
HH21-109616		2.42	17	133	22	131	294	46	4.55	<0.5
HH21-109617		2.89	21	281	84	136	291	48	4.59	<0.5
HH21-109618		2.45	30	390	121	193	330	48	4.67	<0.5
HH21-109619		2.83	28	697	199	146	353	54	5.11	<0.5
HH21-109620		2.57	27	361	114	163	306	51	4.74	<0.5
HH21-109621		0.07	1795	1685	215	8840	653	51	4.58	4.7
HH21-109622		2.49	18	442	168	140	291	55	5.57	<0.5
HH21-109623		2.67	37	493	167	224	351	62	6.06	<0.5
HH21-109624		2.81	76	790	69	389	543	53	5.12	1.4
HH21-109625		2.89	68	252	23	363	338	46	4.71	<0.5
HH21-109626		2.30	5	16	<5	140	246	47	4.21	<0.5
HH21-109627		2.85	13	92	11	300	372	55	5.07	<0.5
HH21-109628		2.81	14	57	10	319	387	55	5.01	<0.5
HH21-109629		2.76	23	201	20	329	364	52	4.87	<0.5
HH21-109630		2.50	42	551	61	548	738	64	5.46	<0.5
HH21-109631		0.07	72	604	298	4490	4390	116	3.86	1.9
HH21-109632		2.84	13	366	53	261	430	47	5.33	<0.5
HH21-109633		2.54	80	1160	130	717	987	74	6.45	<0.5
HH21-109634		2.83	10	52	15	151	344	58	5.63	<0.5
HH21-109635		2.70	16	107	16	163	366	53	5.39	<0.5
HH21-109636		2.63	21	383	65	142	441	69	7.36	<0.5
HH21-109637		2.89	22	107	20	208	452	73	7.39	<0.5
HH21-109638		2.54	88	891	153	256	476	43	4.28	<0.5
HH21-109639		2.51	68	873	80	302	428	46	4.55	<0.5
HH21-109640		2.61	19	400	30	123	415	42	4.66	<0.5
HH21-109641		2.66	36	458	42	228	372	44	5.19	<0.5
HH21-109642		2.54	29	92	14	131	315	41	4.97	<0.5



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Page: Appendix 1
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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22006231

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	



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 Finalized Date: 28-FEB-2022
 Account: MZI

CERTIFICATE TB22017843

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS TB22017843

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.5
HH21-109643		1.29	<1	2	<5				<1	1	1	12.20	<0.5
HH21-109644		2.52	24	193	22				151	329	42	5.29	<0.5
HH21-109645		2.63	436	4520	375				2270	1660	76	5.28	1.0
HH21-109646		2.65	451	3500	388				2350	1385	66	5.34	1.1
HH21-109647		2.71	289	2100	133				1005	821	50	4.86	0.5
HH21-109648		2.64	181	3410	290				1270	1510	75	5.30	0.8
HH21-109649		2.91	239	>10000	678	370	11450	590	2630	6370	215	5.30	1.1
HH21-109650		2.53	338	4160	281				3980	2190	91	5.00	1.8
HH21-109651		2.53	280	3170	233				2720	1825	76	5.25	1.3
HH21-109652		2.58	348	7970	775				2540	5400	158	5.17	1.3
HH21-109653		2.77	377	4800	252				4650	2480	88	4.42	3.0
HH21-109654		2.57	347	6680	1125				3100	3390	116	5.31	1.2
HH21-109655		2.44	25	104	18				190	442	62	7.13	<0.5
HH21-109656		2.54	16	79	16				124	409	57	6.73	<0.5
HH21-109657		2.49	158	2290	149				1120	1095	54	4.42	<0.5
HH21-109658		2.72	89	662	50				496	673	68	6.89	<0.5
HH21-109659		2.54	15	127	20				120	519	74	8.86	<0.5
HH21-109660		2.63	33	182	27				302	589	59	6.33	<0.5
HH21-109661		2.49	2	14	<5				117	49	30	1.89	<0.5
HH21-109662		2.70	<1	6	<5				50	31	27	1.57	<0.5
HH21-109663		2.37	14	81	17				87	394	61	7.02	<0.5
HH21-109664		0.07	4810	2050	1315				93	92	67	0.27	0.7
HH21-109665		2.61	35	241	29				200	604	74	8.80	<0.5
HH21-109666		2.54	11	71	14				76	368	57	6.63	<0.5
HH21-109667		2.29	10	59	16				76	395	60	7.02	<0.5
HH21-109668		2.34	17	133	23				113	538	74	9.05	<0.5
HH21-109669		2.81	17	135	22				102	518	70	8.74	<0.5
HH21-109670		2.49	23	225	31				224	704	83	10.80	<0.5
HH21-109671		2.63	41	249	32				399	759	80	9.78	<0.5
HH21-109672		2.52	54	505	60				686	1140	104	11.80	0.6
HH21-109673		2.39	14	203	23				117	376	41	4.98	<0.5
HH21-109674		2.69	11	129	23				99	504	68	8.43	<0.5
HH21-109675		2.52	19	251	32				176	516	63	7.69	<0.5
HH21-109676		0.07	87	612	309				4300	4110	110	3.91	2.0
HH21-109677		2.50	18	201	25				167	506	66	9.08	<0.5
HH21-109678		2.49	18	259	21				140	476	53	7.40	<0.5
HH21-109679		2.59	7	236	20				46	588	79	11.60	<0.5
HH21-109680		2.64	12	248	22				87	578	74	10.80	<0.5
HH21-109681		2.61	19	226	34				113	587	77	10.85	<0.5
HH21-109682		1.74	<1	1	<5				1	2	<1	12.85	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22017843

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.5
HH21-109683		2.62	14	68	19				87	305	44	5.93	<0.5
HH21-109684		2.60	4	29	11				50	289	45	5.85	<0.5
HH21-109685		2.40	7	31	10				52	330	49	6.59	<0.5
HH21-109686		2.57	8	46	12				47	326	48	6.33	<0.5
HH21-109687		2.52	6	71	23				48	375	54	7.39	<0.5
HH21-109688		2.58	7	61	21				57	363	53	7.14	<0.5
HH21-109689		2.61	10	95	21				72	377	51	6.85	<0.5
HH21-109690		2.90	13	98	28				76	379	53	7.25	<0.5
HH21-109691		2.67	9	68	24				47	358	50	7.05	<0.5
HH21-109692		2.40	5	54	18				35	335	47	6.51	<0.5
HH21-109693		2.46	6	40	10				48	313	44	6.12	<0.5
HH21-109694		0.07	1995	1675	240				8550	631	50	4.61	4.5
HH21-109695		2.48	7	51	12				47	284	39	5.48	<0.5
HH21-109696		2.73	6	44	12				44	303	42	5.83	<0.5
HH21-109697		2.51	6	37	11				35	269	37	5.28	<0.5
HH21-109698		2.16	6	34	19				53	266	38	5.21	<0.5
HH21-109699		2.13	7	45	11				56	295	42	5.79	<0.5
HH21-109700		2.04	6	43	15				60	286	42	5.73	<0.5
HH21-109701		2.05	6	82	18				61	324	48	6.57	<0.5
HH21-109702		2.18	6	76	22				57	278	41	5.48	<0.5
HH21-109703		2.01	6	69	20				60	291	43	5.82	<0.5
HH21-109704		2.04	8	110	22				76	337	50	6.86	<0.5
HH21-109705		2.17	7	104	21				59	318	45	6.33	<0.5
HH21-109706		2.28	9	84	18				55	299	41	5.90	<0.5
HH21-109707		0.07	66	618	288				4470	4300	115	4.07	1.8
HH21-109708		1.72	8	54	15				54	263	36	5.07	<0.5
HH21-109709		2.04	7	70	22				73	293	40	5.73	<0.5
HH21-109710		2.03	7	60	23				65	301	43	6.01	<0.5
HH21-109711		2.16	10	62	18				50	247	36	4.86	<0.5
HH21-109712		2.27	5	97	23				66	349	52	6.45	<0.5
HH21-109713		2.14	8	99	24				60	313	42	5.27	<0.5
HH21-109714		2.01	11	25	11				92	236	45	4.75	<0.5
HH21-109715		1.98	7	97	37				62	337	57	6.49	<0.5
HH21-109716		2.30	10	132	53				55	383	57	7.10	<0.5
HH21-109717		2.12	7	130	49				63	388	56	7.25	<0.5
HH21-109718		2.17	7	136	50				66	406	58	7.48	<0.5
HH21-109719		2.22	6	150	43				68	423	60	8.08	<0.5
HH21-109720		2.19	4	71	26				44	351	48	6.08	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22017843

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-32	CRU-QC	LOG-21
	PUL-35	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61	PGM-ICP23	PGM-ICP27



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CERTIFICATE TB22017844

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS TB22017844

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
WW22-100001		1.47	<1	1	<5	1	2	<1	12.30	<0.5
WW22-100002		2.14	11	73	20	71	377	55	7.08	<0.5
WW22-100003		2.81	9	73	18	74	387	56	7.35	<0.5
WW22-100004		2.62	12	45	16	113	329	46	6.06	<0.5
WW22-100005		2.56	9	78	23	69	284	42	5.33	<0.5
WW22-100006		2.58	16	112	31	83	340	49	6.21	<0.5
WW22-100007		1.98	13	132	33	75	326	47	6.00	<0.5
WW22-100008		2.33	17	154	43	94	363	55	6.81	<0.5
WW22-100009		2.25	8	154	44	96	421	66	8.07	<0.5
WW22-100010		0.07	4750	2050	1315	85	80	61	0.26	0.9
WW22-100011		1.93	10	161	39	94	450	68	8.71	<0.5
WW22-100012		2.22	8	178	45	83	435	62	8.25	<0.5
WW22-100013		2.14	7	213	61	86	440	65	8.42	<0.5
WW22-100014		2.14	7	194	57	84	445	65	8.36	<0.5
WW22-100015		2.12	6	176	50	85	409	61	7.78	<0.5
WW22-100016		2.70	8	169	62	84	364	55	6.83	<0.5
WW22-100017		2.87	10	143	60	89	346	53	6.49	<0.5
WW22-100018		3.07	19	331	63	107	358	52	6.35	<0.5
WW22-100019		2.59	13	145	50	90	346	53	6.56	<0.5
WW22-100020		2.55	12	162	57	73	286	45	5.42	<0.5
WW22-100021		2.21	8	127	45	84	295	49	5.73	<0.5
WW22-100022		2.11	15	127	45	130	270	48	5.04	<0.5
WW22-100023		2.24	38	431	52	139	307	50	5.29	<0.5
WW22-100024		2.63	20	101	31	151	316	56	5.97	<0.5
WW22-100025		1.78	26	256	36	140	345	50	5.99	<0.5
WW22-100026		2.35	91	791	64	348	541	59	6.29	<0.5
WW22-100027		2.03	48	641	55	220	478	51	6.26	<0.5
WW22-100028		1.97	52	546	65	200	487	54	7.05	<0.5
WW22-100029		2.32	109	925	93	455	616	61	6.75	<0.5
WW22-100030		2.36	123	777	99	357	765	65	7.88	<0.5
WW22-100031		2.05	226	3310	581	1485	3870	131	7.62	<0.5
WW22-100032		2.21	454	2530	271	1010	1950	86	7.56	<0.5
WW22-100033		0.07	96	600	316	4620	4530	116	4.00	1.9
WW22-100034		2.16	150	1770	134	679	817	61	6.56	<0.5
WW22-100035		2.16	146	1060	105	563	708	51	4.91	<0.5
WW22-100036		2.33	111	1350	114	498	748	61	6.56	<0.5
WW22-100037		2.27	138	738	104	623	603	58	6.99	<0.5
WW22-100038		2.22	192	3500	347	1060	1770	78	6.51	<0.5
WW22-100039		2.01	22	556	121	129	393	44	5.68	<0.5
WW22-100040		2.16	183	1785	145	792	1080	62	6.64	<0.5



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CERTIFICATE OF ANALYSIS TB22017844

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
WW22-100041		2.12	77	2410	196	418	1485	72	6.30	<0.5
WW22-100042		2.24	256	4440	463	1210	2570	119	6.18	<0.5
WW22-100043		2.16	110	2310	254	831	1610	75	5.64	<0.5
WW22-100044		1.97	150	2110	131	765	1420	69	6.09	<0.5
WW22-100045		2.15	112	824	84	447	896	58	5.54	<0.5
WW22-100046		1.33	<1	9	<5	5	5	1	12.45	<0.5
WW22-100047		2.01	13	107	25	111	340	46	5.88	<0.5
WW22-100048		2.23	16	62	22	117	314	43	5.47	<0.5
WW22-100049		2.19	93	867	85	417	660	49	5.16	<0.5
WW22-100050		2.10	62	911	92	386	648	58	6.34	<0.5
WW22-100051		2.19	343	2400	217	1060	1195	58	4.70	<0.5
WW22-100052		2.08	84	1490	95	702	878	51	4.29	<0.5
WW22-100053		2.19	86	1275	83	580	586	37	3.84	<0.5
WW22-100054		2.45	89	1815	156	600	850	44	3.73	<0.5
WW22-100055		1.81	32	521	35	235	430	38	4.31	<0.5
WW22-100056		2.28	39	411	48	311	440	49	5.01	<0.5
WW22-100057		0.07	2100	1695	238	8540	637	49	4.46	4.4
WW22-100058		2.10	6	11	5	146	182	32	2.85	<0.5
WW22-100059		2.26	5	<1	<5	179	162	33	2.85	<0.5
WW22-100060		1.54	<1	<1	<5	57	90	28	2.29	<0.5
WW22-100061		2.61	4	<1	<5	52	86	32	2.59	<0.5
WW22-100062		2.10	<1	<1	<5	37	70	29	2.32	<0.5
WW22-100063		2.17	<1	<1	<5	37	55	30	2.50	<0.5
WW22-100064		2.03	<1	<1	<5	35	36	31	2.38	<0.5
WW22-100065		2.10	<1	<1	<5	39	29	33	2.40	<0.5
WW22-100066		2.07	<1	<1	<5	43	26	34	2.33	<0.5
WW22-100067		2.15	<1	<1	<5	44	32	31	2.27	<0.5
WW22-100068		2.07	<1	<1	<5	139	24	37	2.17	<0.5
WW22-100069		2.02	<1	<1	<5	54	15	29	2.16	<0.5
WW22-100070		0.07	143	619	333	4330	4300	110	4.04	1.8
WW22-100071		2.21	2	<1	<5	44	22	27	1.92	<0.5
WW22-100072		2.08	<1	<1	<5	54	14	28	1.92	<0.5
WW22-100073		2.03	3	203	20	114	80	31	1.99	<0.5
WW22-100074		2.09	9	73	5	144	63	33	2.13	<0.5
WW22-100075		2.27	<1	<1	<5	46	17	28	1.92	<0.5
WW22-100076		2.13	<1	<1	<5	58	25	29	2.14	<0.5
WW22-100077		2.06	<1	<1	<5	58	22	27	2.13	<0.5
WW22-100078		2.17	1	2	<5	55	22	27	2.01	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25-FEB-2022
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22017844

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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 Finalized Date: 24-FEB-2022
 Account: MZI

CERTIFICATE TB22017846

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22017846

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
WW22-100079		1.97	<1	1	<5	1	1	<1	12.60	<0.5
WW22-100080		1.83	<1	<1	<5	36	18	25	1.93	<0.5
WW22-100081		2.22	3	<1	<5	34	18	24	1.86	<0.5
WW22-100082		2.23	5	<1	<5	61	19	27	1.97	<0.5
WW22-100083		2.22	1	<1	<5	47	16	26	1.94	<0.5
WW22-100084		2.03	<1	1	<5	27	18	26	1.95	<0.5
WW22-100085		2.15	<1	1	<5	50	24	27	2.08	<0.5
WW22-100086		2.25	4	1	<5	140	22	28	1.88	<0.5
WW22-100087		1.93	<1	1	<5	29	18	25	1.88	<0.5
WW22-100088		2.15	<1	1	<5	38	21	24	1.84	<0.5
WW22-100089		2.01	<1	1	<5	33	18	23	1.77	<0.5
WW22-100090		2.01	<1	1	<5	32	18	24	1.77	<0.5
WW22-100091		1.96	<1	<1	<5	42	20	24	1.73	<0.5
WW22-100092		2.13	<1	<1	<5	50	21	24	1.76	<0.5
WW22-100093		2.04	<1	<1	<5	43	19	24	1.80	<0.5
WW22-100094		2.16	1	4	<5	110	50	33	2.78	<0.5
WW22-100095		0.07	5160	2000	1260	88	85	65	0.27	0.6
WW22-100096		2.07	<1	<1	<5	28	18	23	1.81	<0.5
WW22-100097		1.98	1	1	<5	59	21	23	1.73	<0.5
WW22-100098		2.01	<1	<1	<5	32	18	24	1.82	<0.5
WW22-100099		2.02	<1	1	<5	44	20	24	1.81	<0.5
WW22-100100		2.09	<1	<1	<5	46	17	21	1.55	<0.5
WW22-100101		2.04	<1	<1	<5	33	19	24	1.81	<0.5
WW22-100102		2.02	<1	1	<5	39	20	25	1.87	<0.5
WW22-100103		2.27	<1	<1	<5	69	25	27	1.99	<0.5
WW22-100104		1.91	<1	1	<5	43	19	24	1.85	<0.5
WW22-100105		2.08	1	1	<5	34	17	21	1.83	<0.5
WW22-100106		1.61	<1	<1	<5	58	18	21	1.94	<0.5
WW22-100107		2.12	<1	1	<5	25	19	22	1.83	<0.5
WW22-100108		2.05	1	1	<5	166	25	30	2.06	<0.5
WW22-100109		1.90	2	1	<5	38	19	24	1.84	<0.5
WW22-100110		2.03	<1	<1	<5	65	14	17	1.31	<0.5
WW22-100111		1.86	1	<1	<5	22	16	17	1.46	<0.5
WW22-100112		2.09	<1	<1	<5	107	14	19	1.13	0.5
WW22-100113		2.22	<1	<1	<5	34	9	17	0.82	<0.5
WW22-100114		2.04	<1	1	<5	20	12	18	1.39	<0.5
WW22-100115		1.90	4	25	5	19	19	16	1.17	<0.5
WW22-100116		0.07	85	622	291	4410	4250	114	3.90	2.1
WW22-100117		2.04	1	1	<5	13	7	6	0.50	<0.5
WW22-100118		1.97	<1	1	<5	7	4	6	0.46	<0.5



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 BUSINESS NUMBER 131081184
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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22017846

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
WW22-100119		2.13	<1	1	<5	19	5	6	0.53	<0.5
WW22-100120		1.89	<1	1	<5	44	5	7	0.44	<0.5
WW22-100121		2.19	<1	<1	<5	7	5	5	0.40	<0.5
WW22-100122		1.67	<1	1	<5	<1	2	<1	12.40	<0.5
WW22-100123		2.03	<1	1	<5	8	4	5	0.40	<0.5
WW22-100124		1.94	5	63	7	25	62	9	1.00	<0.5
WW22-100125		2.48	<1	80	7	68	360	50	7.04	<0.5
WW22-100126		1.90	3	92	9	139	331	52	6.12	<0.5
WW22-100127		2.32	92	857	90	691	661	59	5.63	0.6
WW22-100128		2.15	49	877	80	313	562	61	6.01	<0.5
WW22-100129		2.08	17	215	26	170	382	68	7.38	0.5
WW22-100130		2.09	14	267	33	153	412	72	8.33	<0.5
WW22-100131		2.27	11	178	17	146	418	77	8.72	<0.5
WW22-100132		2.03	29	269	39	261	401	62	6.28	<0.5
WW22-100133		2.41	9	130	17	122	342	62	6.71	<0.5
WW22-100134		2.35	8	136	17	121	330	60	6.55	<0.5
WW22-100135		1.95	102	1770	106	868	1155	76	6.22	0.5
WW22-100136		2.16	12	117	13	143	340	57	6.20	<0.5
WW22-100137		2.19	9	84	15	135	314	55	6.01	<0.5
WW22-100138		1.97	28	259	42	223	362	59	6.27	<0.5
WW22-100139		2.06	25	550	115	133	339	56	6.12	<0.5
WW22-100140		2.16	32	1215	228	195	383	43	4.80	<0.5
WW22-100141		2.33	6	640	120	43	367	47	5.98	<0.5
WW22-100142		0.07	1950	1700	219	8510	633	49	4.52	4.7
WW22-100143		2.51	11	219	54	71	359	47	5.98	<0.5
WW22-100144		2.54	46	1810	184	288	779	65	5.90	<0.5
WW22-100145		2.21	212	2950	167	1960	2490	84	5.86	1.5
WW22-100146		2.52	62	359	60	170	416	45	5.48	<0.5
WW22-100147		2.42	187	4540	366	1630	3670	117	5.42	0.9
WW22-100148		2.27	57	1695	109	518	1410	68	5.22	<0.5
WW22-100149		2.42	133	2580	119	706	1135	56	5.01	0.5
WW22-100150		2.52	142	2650	273	1055	1570	88	6.37	0.8
WW22-100151		0.07	63	617	289	4560	4420	117	4.03	2.5
WW22-100152		2.52	13	575	50	99	329	30	3.21	<0.5
WW22-100153		2.29	23	612	49	235	529	41	4.01	<0.5
WW22-100154		2.50	28	720	51	254	457	32	3.49	<0.5
WW22-100155		2.46	6	79	11	65	241	32	3.91	<0.5
WW22-100156		2.63	16	85	19	139	291	45	4.66	0.6



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Page: Appendix 1
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 Finalized Date: 24-FEB-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22017846

CERTIFICATE COMMENTS									
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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 Total # Pages: 3 (A)
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 Finalized Date: 23-FEB-2022
 Account: MZI

CERTIFICATE TB22017847

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 24-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22017847

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 Ag ppm
WW22-100157		1.52	1	1	<5	2	4	<1	13.45	<0.5
WW22-100158		2.54	21	226	23	258	430	42	4.39	<0.5
WW22-100159		2.64	7	14	<5	92	163	32	3.00	<0.5
WW22-100160		2.12	1	2	<5	71	179	31	3.20	<0.5
WW22-100161		2.72	1	3	<5	69	16	15	0.76	<0.5
WW22-100162		1.99	1	<1	<5	31	9	8	0.66	<0.5
WW22-100163		1.72	<1	<1	<5	47	10	7	0.66	<0.5
WW22-100164		2.31	<1	1	<5	25	42	30	2.48	<0.5
WW22-100165		2.11	2	6	<5	32	36	30	2.50	<0.5
WW22-100166		2.05	1	4	<5	58	28	30	2.28	<0.5
WW22-100167		2.14	2	52	<5	95	64	32	2.27	<0.5
WW22-100168		2.28	6	245	21	103	108	28	1.80	<0.5
WW22-100169		0.07	5320	2040	1285	86	86	61	0.27	0.8
WW22-100170		1.82	16	285	39	201	137	33	1.95	<0.5
WW22-100171		2.07	23	347	24	196	161	32	2.20	<0.5
WW22-100172		2.22	5	169	15	120	158	33	2.15	<0.5
WW22-100173		2.07	1	2	<5	50	28	28	2.03	<0.5
WW22-100174		2.22	9	263	20	136	183	30	2.07	<0.5
WW22-100175		2.11	9	107	9	111	86	30	2.11	<0.5
WW22-100176		2.08	2	53	6	68	56	23	1.60	<0.5
WW22-100177		2.05	1	2	<5	59	28	28	2.06	<0.5
WW22-100178		1.94	1	1	<5	57	21	26	1.99	<0.5
WW22-100179		1.94	<1	2	<5	50	24	25	2.04	<0.5
WW22-100180		1.98	5	123	9	77	98	28	2.35	<0.5
WW22-100181		1.95	1	6	<5	34	24	25	2.16	<0.5
WW22-100182		2.04	1	2	<5	26	18	15	1.31	<0.5
WW22-100183		1.77	1	2	<5	4	11	6	0.56	<0.5
WW22-100184		1.91	<1	1	<5	8	14	4	0.54	<0.5
WW22-100185		1.99	7	390	35	26	215	16	1.40	<0.5
WW22-100186		2.09	<1	2	<5	1	13	5	0.48	<0.5
WW22-100187		2.41	89	363	34	285	272	28	3.05	<0.5
WW22-100188		1.84	17	304	43	104	587	69	10.15	<0.5
WW22-100189		2.08	12	347	31	120	655	76	10.85	<0.5
WW22-100190		0.07	60	609	294	4390	4330	113	3.87	1.7
WW22-100191		1.89	21	290	20	149	696	81	11.85	<0.5
WW22-100192		2.09	11	266	24	132	629	76	10.95	<0.5
WW22-100193		1.99	10	227	28	126	554	70	9.87	<0.5
WW22-100194		1.98	22	217	27	171	571	70	9.37	<0.5
WW22-100195		2.16	10	138	18	151	475	65	8.12	<0.5
WW22-100196		1.90	6	138	14	148	441	62	8.00	<0.5



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22017847

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.5
WW22-100197		2.38	10	198	26	175	439	57	7.16	<0.5
WW22-100198		1.89	6	162	33	86	324	45	5.76	<0.5
WW22-100199		1.95	12	189	21	165	451	66	8.43	<0.5
WW22-100200		2.10	11	252	23	222	485	70	8.90	<0.5
WW22-100201		2.14	11	199	18	180	479	76	9.33	<0.5
WW22-100202		2.17	9	196	23	158	483	78	9.80	<0.5
WW22-100203		2.68	28	635	110	244	530	75	9.09	<0.5
WW22-100204		2.07	7	138	14	119	400	63	7.74	<0.5
WW22-100205		2.06	10	144	19	119	406	67	7.97	<0.5
WW22-100206		2.15	7	166	24	137	418	71	8.32	<0.5
WW22-100207		1.82	<1	1	<5	1	1	1	11.55	<0.5
WW22-100208		2.21	7	145	16	129	396	67	8.05	<0.5
WW22-100209		2.31	8	167	25	140	385	67	7.71	<0.5
WW22-100210		1.98	7	130	28	132	369	66	7.34	<0.5
WW22-100211		2.31	13	277	41	209	372	70	7.09	<0.5
WW22-100212		2.01	78	703	72	298	439	69	7.16	<0.5
WW22-100213		2.60	110	686	80	314	435	60	6.49	<0.5
WW22-100214		3.34	194	1610	193	710	823	56	5.90	<0.5
WW22-100215		2.47	161	1665	157	446	941	55	6.17	<0.5
WW22-100216		0.07	1945	1650	215	8670	652	51	4.53	4.9
WW22-100217		2.07	262	3060	262	964	1155	63	6.07	<0.5
WW22-100218		2.08	200	2160	194	763	941	53	5.79	<0.5
WW22-100219		2.10	100	890	178	370	580	49	6.14	<0.5
WW22-100220		2.22	14	1935	160	338	797	51	5.50	<0.5
WW22-100221		0.07	64	585	305	4450	4340	113	3.85	1.8
WW22-100222		2.16	83	2120	193	649	1015	52	4.81	<0.5
WW22-100223		2.24	143	1415	113	542	858	59	6.50	<0.5
WW22-100224		1.96	44	1060	111	380	535	38	3.99	<0.5
WW22-100225		3.07	43	2710	195	742	1390	52	3.49	<0.5
WW22-100226		2.82	6	124	11	83	165	33	2.87	<0.5
WW22-100227		2.94	3	10	5	142	132	36	2.94	<0.5
WW22-100228		2.02	15	216	17	276	204	43	3.45	<0.5
WW22-100229		2.24	5	42	<5	70	92	32	2.44	<0.5
WW22-100230		2.19	5	212	14	81	129	29	2.10	<0.5
WW22-100231		2.35	11	516	31	237	210	36	1.87	<0.5
WW22-100232		2.00	2	109	5	67	82	30	2.12	<0.5
WW22-100233		2.19	<1	23	<5	73	52	32	1.94	<0.5
WW22-100234		2.14	5	1	<5	74	17	27	1.77	<0.5



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To: IMPALA CANADA LTD.
BUSINESS NUMBER 131081184
556 TENTH AVE
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 23-FEB-2022
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22017847

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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Page: 1
 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 24-FEB-2022
 Account: MZI

CERTIFICATE TB22019771

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 25-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS TB22019771

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
WW22-100235		1.48	<1	<1	<5	1	<1	<1	12.45	0.03	0.09	<0.5
WW22-100236		2.18	<1	4	<5	45	23	30	2.05	0.22	4.04	<0.5
WW22-100237		2.05	<1	10	<5	35	25	29	2.02	0.05	4.13	<0.5
WW22-100238		2.04	<1	1	<5	60	29	28	1.96	0.07	4.21	<0.5
WW22-100239		2.17	1	<1	<5	36	25	25	1.80	0.05	4.19	<0.5
WW22-100240		2.12	2	31	<5	58	28	27	1.86	0.15	4.33	<0.5
WW22-100241		1.98	<1	<1	<5	87	21	27	1.78	0.11	4.16	<0.5
WW22-100242		2.03	<1	23	<5	70	32	23	1.84	0.09	3.92	<0.5
WW22-100243		0.07	4890	2030	1290	88	84	61	0.25	0.01	2.22	0.7
WW22-100244		2.12	3	50	<5	68	41	26	1.89	0.07	4.06	<0.5
WW22-100245		1.86	<1	68	<5	47	34	26	1.91	0.10	4.02	<0.5
WW22-100246		1.42	<1	<1	<5	24	10	11	0.56	0.22	2.39	<0.5
WW22-100247		1.82	4	<1	<5	12	8	7	0.58	0.06	2.01	<0.5
WW22-100248		1.82	<1	1	<5	37	35	23	1.97	0.04	4.99	<0.5
WW22-100249		2.30	<1	2	<5	12	8	9	0.72	0.03	2.33	<0.5
WW22-100250		1.81	<1	<1	<5	3	7	5	0.45	0.02	1.48	<0.5
WW22-100251		1.93	<1	<1	<5	15	15	11	0.89	0.08	3.04	<0.5
WW22-100252		2.14	<1	<1	<5	14	11	9	0.68	0.22	2.34	<0.5
WW22-100253		2.20	<1	1	<5	26	14	10	0.82	0.04	2.64	<0.5
WW22-100254		1.88	<1	1	<5	14	7	8	0.65	0.06	2.49	<0.5
WW22-100255		1.95	<1	<1	<5	37	7	14	1.10	0.18	2.81	<0.5
WW22-100256		2.09	<1	<1	<5	48	14	22	1.95	0.17	3.93	<0.5
WW22-100257		2.28	<1	1	<5	26	5	6	0.57	0.04	1.90	<0.5
WW22-100258		2.32	<1	<1	<5	13	6	8	0.68	0.34	2.35	<0.5
WW22-100259		2.15	<1	1	<5	17	7	7	0.66	0.09	1.79	<0.5
WW22-100260		1.89	1	1	<5	4	10	8	0.61	0.22	1.99	<0.5
WW22-100261		2.20	1	<1	<5	4	13	7	0.51	0.21	1.63	<0.5
WW22-100262		2.11	10	<1	<5	5	16	5	0.57	0.04	2.17	<0.5
WW22-100263		2.21	<1	7	<5	2	17	3	0.45	<0.01	1.72	<0.5
WW22-100264		2.18	7	25	<5	23	36	28	1.01	0.92	4.42	<0.5
WW22-100265		0.91	5	209	32	7	181	26	2.65	0.23	3.90	<0.5
WW22-100266		1.71	16	950	131	203	510	38	6.12	0.09	4.53	<0.5
WW22-100267		0.07	89	624	315	4480	4370	117	4.06	1.59	14.65	1.9
WW22-100268		2.26	15	1395	175	179	569	59	5.82	0.28	4.60	<0.5
WW22-100269		2.18	16	430	45	428	451	70	5.94	0.72	5.89	<0.5
WW22-100270		2.18	2	28	<5	141	338	50	7.45	0.05	5.53	<0.5
WW22-100271		2.18	3	29	<5	125	355	61	7.60	0.11	6.04	<0.5
WW22-100272		2.21	100	964	128	325	567	80	8.58	0.09	6.62	<0.5
WW22-100273		2.34	293	2130	283	1275	1260	101	8.22	0.46	7.21	0.7
WW22-100274		1.71	<1	2	<5	3	4	1	12.65	0.02	0.19	<0.5



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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22019771

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
WW22-100275		2.42	119	884	100	559	751	80	9.08	0.19	6.76	<0.5
WW22-100276		2.11	32	136	23	361	592	74	9.06	0.12	6.59	<0.5
WW22-100277		2.50	104	558	76	676	914	82	9.44	0.16	7.27	<0.5
WW22-100278		2.56	56	310	51	369	644	79	9.76	0.11	7.13	<0.5
WW22-100279		2.52	225	2460	262	976	1335	108	10.70	0.37	8.80	0.5
WW22-100280		2.46	15	129	16	202	491	68	9.74	0.06	7.14	<0.5
WW22-100281		2.42	74	878	123	408	979	96	11.60	0.13	7.56	<0.5
WW22-100282		2.07	46	728	112	169	1430	145	14.35	0.57	7.37	<0.5
WW22-100283		2.08	213	1910	251	489	836	77	9.19	0.12	6.53	<0.5
WW22-100284		2.07	25	515	61	67	329	33	3.61	0.01	3.14	<0.5
WW22-100285		2.11	73	875	116	169	691	85	10.75	0.03	8.00	<0.5
WW22-100286		2.21	101	910	135	252	645	84	10.75	0.06	8.25	<0.5
WW22-100287		2.28	95	958	135	217	643	85	10.50	0.07	7.97	<0.5
WW22-100288		2.13	61	711	98	158	662	83	11.00	0.03	7.65	<0.5
WW22-100289		2.15	44	471	72	108	531	71	9.60	0.02	6.44	<0.5
WW22-100290		2.14	53	658	87	151	602	80	10.65	0.02	7.08	<0.5
WW22-100291		2.26	33	494	77	101	567	76	10.40	0.02	6.92	<0.5
WW22-100292		0.07	1970	1620	208	8930	656	52	4.80	2.06	7.63	4.5
WW22-100293		2.19	52	813	109	139	652	82	10.85	0.03	7.26	<0.5
WW22-100294		2.11	30	456	62	79	577	82	11.20	0.02	7.28	<0.5
WW22-100295		2.27	175	2210	250	464	854	83	10.85	0.11	7.19	<0.5
WW22-100296		2.12	61	598	93	167	599	80	11.05	0.04	7.06	<0.5
WW22-100297		2.28	318	3140	352	760	1060	92	11.45	0.18	7.53	<0.5
WW22-100298		2.25	425	4080	424	972	1245	95	11.35	0.17	7.51	<0.5
WW22-100299		2.22	165	1570	182	413	888	90	11.50	0.06	7.30	<0.5
WW22-100300		2.42	157	2120	264	388	1130	90	11.50	0.10	7.09	<0.5
WW22-100301		2.10	49	742	145	131	1775	143	17.85	0.09	9.39	<0.5
WW22-100302		2.19	7	200	67	70	1735	145	18.40	0.05	9.85	<0.5
WW22-100303		2.52	10	217	57	99	1765	149	18.35	0.08	10.10	<0.5
WW22-100304		2.24	8	173	57	64	1745	147	18.70	0.04	9.79	<0.5
WW22-100305		2.26	6	163	58	47	1725	144	18.60	0.03	9.63	<0.5
WW22-100306		2.22	6	118	47	48	1755	147	19.05	0.03	9.86	<0.5
WW22-100307		2.82	13	214	63	64	1825	153	19.05	0.04	9.95	<0.5
WW22-100308		0.07	142	616	291	4650	4580	123	4.30	1.68	15.20	1.9
WW22-100309		1.63	16	231	56	94	1495	123	14.65	0.13	8.16	<0.5
WW22-100310		1.92	621	5950	752	1490	2070	118	13.80	0.31	8.93	<0.5
WW22-100311		2.28	430	4450	553	924	1600	104	12.70	0.18	8.46	<0.5
WW22-100312		1.99	403	4110	545	962	2150	130	13.50	0.42	8.26	<0.5



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Page: 1
 Total # Pages: 3 (A)
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 Finalized Date: 25-FEB-2022
 Account: MZI

CERTIFICATE TB22019772

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 25-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS TB22019772

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
WW22-100313		1.18	<1	2	<5	2	3	<1	13.50	0.02	0.11	<0.5
WW22-100314		2.14	36	958	154	262	1785	134	13.60	0.31	7.42	<0.5
WW22-100315		2.13	5	108	43	155	1485	125	14.00	0.32	7.72	<0.5
WW22-100316		2.15	2	94	34	218	1575	129	14.05	0.58	8.06	<0.5
WW22-100317		2.40	67	991	113	305	885	67	7.11	0.25	4.94	<0.5
WW22-100318		2.67	108	1890	217	385	962	60	6.19	0.11	4.87	<0.5
WW22-100319		2.55	81	542	75	247	775	79	9.69	0.05	7.03	<0.5
WW22-100320		2.69	396	4450	533	1250	1355	81	7.83	0.34	6.42	0.5
WW22-100321		3.11	141	2690	351	597	818	58	6.03	0.18	5.21	<0.5
WW22-100322		2.69	467	5240	664	1375	1615	101	9.91	0.45	8.00	0.6
WW22-100323		2.67	235	2760	389	806	1005	73	7.65	0.21	6.05	0.5
WW22-100324		2.45	23	29	<5	183	445	59	6.92	0.03	5.26	<0.5
WW22-100325		0.07	5450	1990	1280	87	86	62	0.26	0.01	2.27	1.3
WW22-100326		2.59	14	397	54	81	554	69	8.08	0.01	6.27	<0.5
WW22-100327		2.59	179	3370	409	1045	1215	88	9.00	0.34	7.22	0.8
WW22-100328		2.41	25	701	93	222	591	73	8.91	0.08	6.66	<0.5
WW22-100329		2.71	372	6700	784	2020	2410	116	8.51	0.76	7.53	1.1
WW22-100330		2.53	436	5110	553	1530	1800	88	6.91	0.54	6.15	0.9
WW22-100331		2.46	297	3030	428	1010	1295	83	8.47	0.29	6.66	0.5
WW22-100332		2.81	583	3950	502	1420	1480	93	9.44	0.36	7.23	0.6
WW22-100333		2.63	71	556	65	321	726	85	10.25	0.06	7.35	<0.5
WW22-100334		2.76	149	3450	411	763	1305	94	9.94	0.19	7.52	<0.5
WW22-100335		2.38	274	4060	472	1370	1540	82	6.85	0.43	5.74	0.7
WW22-100336		2.68	425	5740	667	1970	2090	93	8.14	0.54	6.54	1.0
WW22-100337		2.53	328	4910	607	1505	1580	72	5.92	0.42	5.02	0.6
WW22-100338		2.66	303	4150	471	1290	1545	83	7.13	0.37	5.47	0.6
WW22-100339		2.65	436	7040	812	2010	2230	93	7.27	0.58	6.01	1.1
WW22-100340		2.47	182	3530	402	1205	1315	83	8.53	0.31	6.23	0.6
WW22-100341		2.79	295	3330	388	1085	1285	81	8.16	0.31	6.86	<0.5
WW22-100342		2.46	370	3530	408	1295	1515	96	9.47	0.40	7.44	0.5
WW22-100343		2.92	323	4160	512	1145	1470	82	7.90	0.30	6.33	0.7
WW22-100344		2.60	118	2080	250	615	883	63	7.87	0.20	5.95	<0.5
WW22-100345		0.07	106	592	321	4280	4180	110	3.79	1.56	13.75	1.8
WW22-100346		2.29	17	795	111	214	570	47	9.72	0.16	5.64	<0.5
WW22-100347		2.05	14	670	94	208	494	49	6.84	0.13	5.09	<0.5
WW22-100348		2.49	13	242	32	119	180	24	3.32	0.13	2.84	<0.5
WW22-100349		2.57	23	1345	164	269	634	65	8.84	0.20	6.01	<0.5
WW22-100350		3.81	18	1105	142	218	569	75	7.80	1.08	6.02	<0.5
WW22-100351		3.96	18	1030	131	142	553	62	8.00	0.04	5.82	<0.5
WW22-100352		2.17	6	168	21	124	82	12	1.30	0.09	1.62	<0.5



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

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CERTIFICATE OF ANALYSIS TB22019772

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
WW22-100353		2.76	17	43	5	190	39	10	0.69	0.17	1.46	<0.5
WW22-100354		3.64	137	1880	232	329	854	79	9.61	0.05	6.65	<0.5
WW22-100355		2.61	36	736	102	123	383	40	4.90	0.02	3.77	<0.5
WW22-100356		2.67	46	600	91	84	607	68	9.20	0.01	5.86	<0.5
WW22-100357		1.25	<1	3	<5	2	1	1	13.00	0.06	0.08	<0.5
WW22-100358		2.24	282	1665	228	556	937	82	10.45	0.10	6.73	<0.5
WW22-100359		2.69	158	2020	254	451	868	85	10.15	0.10	7.39	<0.5
WW22-100360		2.59	48	1060	143	209	639	74	8.99	0.03	6.40	<0.5
WW22-100361		2.73	24	946	149	122	658	84	10.25	0.02	7.21	<0.5
WW22-100362		2.82	1	172	39	21	525	77	10.10	<0.01	6.90	<0.5
WW22-100363		2.67	28	543	74	169	506	68	7.53	0.04	6.59	<0.5
WW22-100364		0.07	1920	1635	207	8790	644	51	4.61	2.02	7.45	4.6
WW22-100365		2.44	45	945	97	259	415	52	5.43	0.06	5.65	<0.5
WW22-100366		2.58	58	929	114	231	459	50	5.97	0.06	4.56	<0.5
WW22-100367		2.72	22	349	59	82	536	73	9.29	0.01	6.53	<0.5
WW22-100368		2.60	27	497	79	73	528	70	8.42	0.01	6.30	<0.5
WW22-100369		2.36	179	2080	248	449	850	82	9.50	0.08	7.00	<0.5
WW22-100370		2.56	160	2950	331	367	984	76	8.69	0.06	6.33	<0.5
WW22-100371		2.60	85	1465	178	257	606	42	4.46	0.05	3.52	<0.5
WW22-100372		2.34	160	3260	423	825	970	71	7.14	0.15	5.47	<0.5
WW22-100373		2.71	50	952	114	261	463	43	5.03	0.05	3.95	<0.5
WW22-100374		2.22	113	1390	170	422	769	80	9.45	0.12	7.10	<0.5
WW22-100375		2.76	42	3070	345	234	781	57	4.74	0.15	5.22	<0.5
WW22-100376		3.25	91	2470	267	368	756	44	3.63	0.11	3.72	<0.5
WW22-100377		2.01	238	2360	283	1045	983	57	4.51	0.22	4.19	0.5
WW22-100378		2.74	282	2810	639	1395	1030	67	5.66	0.34	4.94	0.7
WW22-100379		2.56	59	1825	249	456	624	43	3.82	0.10	3.37	<0.5
WW22-100380		2.65	45	1415	164	216	529	42	3.87	0.05	3.41	<0.5
WW22-100381		2.42	77	516	64	402	514	36	3.24	0.06	2.94	<0.5
WW22-100382		2.55	49	515	48	240	360	38	3.67	0.06	3.22	<0.5
WW22-100383		2.66	152	2220	295	860	800	56	4.87	0.27	4.29	0.5
WW22-100384		2.28	19	306	38	192	288	31	3.47	0.04	3.00	<0.5
WW22-100385		2.66	4	21	<5	60	204	27	3.38	0.01	2.86	<0.5
WW22-100386		0.07	93	617	283	4440	4370	113	3.82	1.60	14.15	1.8
WW22-100387		2.62	31	644	79	289	355	33	3.40	0.07	2.97	<0.5
WW22-100388		2.59	37	1160	126	160	455	38	4.51	0.04	3.77	<0.5
WW22-100389		2.60	19	744	80	151	188	25	2.10	0.46	3.21	<0.5
WW22-100390		2.76	154	1220	152	751	831	52	4.79	0.22	4.10	0.5



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To: IMPALA CANADA LTD.
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CERTIFICATE OF ANALYSIS TB22019772

	CERTIFICATE COMMENTS								
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-23</td> </tr> <tr> <td>PUL-35</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-32	CRU-QC	LOG-21	LOG-23	PUL-35	PUL-QC	SPL-21	WEI-21
CRU-32	CRU-QC	LOG-21	LOG-23						
PUL-35	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-ICP61</td> <td style="width: 67%;">PGM-ICP23</td> </tr> </table>	ME-ICP61	PGM-ICP23						
ME-ICP61	PGM-ICP23								



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CERTIFICATE TB22019773

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 25-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS TB22019773

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb	ME-ICP61 Cu ppm	ME-ICP61 Ni ppm	ME-ICP61 Co ppm	ME-ICP61 Mg %	ME-ICP61 S %	ME-ICP61 Fe %	ME-ICP61 Ag ppm
	0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5	
WW22-100391		1.29	<1	4	<5	2	1	<1	12.55	0.02	0.06	<0.5
WW22-100392		2.45	222	2250	310	773	874	57	5.32	0.19	4.84	<0.5
WW22-100393		2.55	420	5380	596	1875	1705	127	7.74	1.69	8.84	1.2
WW22-100394		2.66	164	2180	259	585	879	75	8.02	0.17	7.10	0.5
WW22-100395		2.39	331	3680	490	1095	1270	94	8.73	0.35	8.53	0.6
WW22-100396		2.47	168	1690	226	612	700	56	4.92	0.16	5.35	<0.5
WW22-100397		2.51	173	3030	397	961	1065	74	6.32	0.41	6.82	<0.5
WW22-100398		2.54	51	4660	669	353	1075	61	5.48	0.26	4.87	<0.5
WW22-100399		2.57	28	1580	222	159	607	60	6.89	0.06	5.24	<0.5
WW22-100400		2.52	102	3480	471	579	918	67	6.72	0.19	5.57	<0.5
WW22-100401		2.61	26	503	103	146	439	59	6.46	0.04	5.64	<0.5
WW22-100402		2.80	12	268	49	118	314	39	4.97	0.04	4.40	<0.5
WW22-100403		2.11	2	137	25	25	353	51	7.09	0.01	4.94	<0.5
WW22-100404		2.30	<1	38	21	5	44	9	0.82	0.01	1.76	<0.5
WW22-100405		2.77	4	29	6	33	132	16	1.83	0.02	2.15	<0.5
WW22-100406		2.65	11	584	78	144	385	37	4.92	0.05	4.28	<0.5
WW22-100407		2.47	7	276	43	53	546	66	10.45	0.02	7.12	<0.5
WW22-100408		0.07	4910	2060	1335	89	89	65	0.27	0.01	2.35	0.8
WW22-100409		2.72	11	966	100	102	535	51	7.20	0.05	5.42	<0.5
WW22-100410		2.25	1	368	80	38	1410	112	13.00	0.15	7.06	<0.5
WW22-100411		2.45	11	433	85	106	1510	124	14.70	0.11	6.83	<0.5
WW22-100412		2.14	15	277	63	126	1165	104	13.15	0.03	7.79	<0.5
WW22-100413		2.24	129	2780	304	430	981	69	8.22	0.11	7.31	<0.5
WW22-100414		2.08	6	15	<5	89	62	11	1.84	0.02	2.62	<0.5
WW22-100415		2.22	122	1760	182	370	686	49	5.52	0.08	4.38	<0.5
WW22-100416		2.31	46	539	97	221	1115	92	11.35	0.07	6.12	<0.5
WW22-100417		0.07	77	621	295	4510	4390	116	4.01	1.61	14.55	1.8
WW22-100418		2.19	41	475	108	115	1490	120	15.05	0.06	7.66	<0.5
WW22-100419		2.37	65	1050	167	255	1550	121	14.95	0.13	7.69	<0.5
WW22-100420		2.25	46	555	89	257	1615	127	15.75	0.09	7.58	<0.5
WW22-100421		2.32	21	386	86	36	1580	127	16.05	0.06	8.30	<0.5
WW22-100422		2.37	157	1645	284	41	1155	97	12.80	0.03	8.19	<0.5
WW22-100423		2.42	59	731	127	294	1605	125	16.10	0.10	7.63	<0.5
WW22-100424		2.50	96	1305	220	267	1565	124	15.40	0.14	8.69	<0.5
WW22-100425		2.50	38	463	94	165	1450	118	15.30	0.07	7.73	<0.5
WW22-100426		2.36	10	236	59	7	887	81	11.90	<0.01	6.28	<0.5
WW22-100427		2.68	389	5340	658	1065	2220	135	12.85	0.68	10.05	<0.5
WW22-100428		2.53	840	7640	886	1855	2140	123	11.25	0.51	10.15	0.7
WW22-100429		2.42	470	4490	546	988	1445	100	10.60	0.29	8.82	<0.5
WW22-100430		1.69	517	6040	744	1195	1845	111	11.05	0.41	9.70	0.5



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CERTIFICATE OF ANALYSIS TB22019773

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	1	1	1	0.01	0.01	0.01	0.5
WW22-100431		3.10	645	6430	766	1450	1850	103	9.95	0.46	8.54	0.5
WW22-100432		2.31	288	3160	377	865	1100	79	8.29	0.30	7.51	<0.5
WW22-100433		2.29	6	150	50	62	1515	122	14.30	0.13	8.07	<0.5
WW22-100434		2.44	7	206	58	42	1615	133	16.20	0.03	8.57	<0.5
WW22-100435		2.48	65	829	129	143	1810	139	16.65	0.07	9.17	<0.5
WW22-100436		2.38	104	928	144	247	1950	146	18.10	0.08	9.64	<0.5
WW22-100437		2.53	8	148	50	68	1885	149	19.00	0.03	9.92	<0.5
WW22-100438		2.79	9	141	42	60	1690	140	17.00	0.04	9.53	<0.5
WW22-100439		1.48	<1	2	<5	1	8	1	12.90	0.01	0.08	<0.5
WW22-100440		2.36	87	847	131	102	1345	117	13.90	0.05	8.66	<0.5
WW22-100441		2.64	147	2110	255	382	1515	128	14.20	0.15	8.35	<0.5
WW22-100442		2.20	48	174	39	605	944	82	9.69	0.49	7.33	<0.5
WW22-100443		2.45	18	123	34	104	1025	92	9.77	0.40	5.94	<0.5
WW22-100444		2.46	3	181	38	77	1210	104	11.65	0.30	7.00	<0.5
WW22-100445		2.50	34	226	35	196	510	80	9.45	0.04	6.97	<0.5
WW22-100446		2.30	24	168	14	123	362	49	5.74	0.02	4.52	<0.5
WW22-100447		2.71	32	235	30	181	476	67	8.07	0.04	5.99	<0.5
WW22-100448		2.25	155	1530	195	333	710	73	8.30	0.12	6.57	0.5
WW22-100449		2.60	115	1090	151	307	824	98	11.95	0.09	9.06	<0.5
WW22-100450		2.45	353	3730	517	856	1245	102	11.20	0.21	8.73	<0.5
WW22-100451		2.58	284	3050	401	505	1380	108	12.05	0.14	8.59	<0.5
WW22-100452		2.24	309	2690	390	705	1145	88	9.49	0.19	6.71	<0.5
WW22-100453		0.07	1935	1715	231	8410	625	50	4.50	2.01	7.32	5.6
WW22-100454		2.34	72	1040	151	188	483	49	5.91	0.06	4.58	<0.5
WW22-100455		2.31	335	4960	584	1005	1305	78	6.89	0.37	5.51	0.6
WW22-100456		2.21	30	149	44	71	417	68	8.34	0.02	6.03	<0.5
WW22-100457		2.15	58	530	83	181	573	80	10.25	0.05	7.19	<0.5
WW22-100458		2.08	23	226	53	62	443	72	9.19	0.02	6.30	<0.5
WW22-100459		2.27	137	1365	192	384	715	80	9.27	0.09	7.53	<0.5
WW22-100460		0.07	73	612	309	4430	4330	115	3.99	1.63	14.50	2.3
WW22-100461		2.20	202	1940	231	562	699	58	6.25	0.15	5.00	<0.5
WW22-100462		2.15	186	1740	210	380	720	63	7.27	0.12	5.37	<0.5
WW22-100463		2.22	273	4620	303	434	1040	75	7.91	0.19	6.11	<0.5
WW22-100464		2.33	107	1235	148	361	738	76	8.51	0.20	6.86	<0.5
WW22-100465		2.00	81	2800	343	159	629	52	6.13	0.07	4.47	<0.5
WW22-100466		2.01	6	160	23	56	341	46	6.24	0.01	4.35	<0.5
WW22-100467		3.00	123	2140	253	341	666	58	6.40	0.09	4.99	<0.5
WW22-100468		2.51	34	1380	151	75	700	63	7.59	0.02	5.42	<0.5

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



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CERTIFICATE OF ANALYSIS TB22019773

CERTIFICATE COMMENTS																
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>Applies to Method:</td><td>CRU-32</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td></td><td>PUL-35</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Applies to Method:</td><td>ME-ICP61</td><td>PGM-ICP23</td><td></td><td></td></tr></table>	Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23		PUL-35	PUL-QC	SPL-21	WEI-21	Applies to Method:	ME-ICP61	PGM-ICP23		
Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23												
	PUL-35	PUL-QC	SPL-21	WEI-21												
Applies to Method:	ME-ICP61	PGM-ICP23														



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BUSINESS NUMBER 131081184
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Page: 1
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 Plus Appendix Pages
 Finalized Date: 2-MAR-2022
 Account: MZI

CERTIFICATE TB22019775

Project: 18-101
 P.O. No.: 182449
 This report is for 78 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 25-JAN-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22019775

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
WW22-100469		1.01	<1	1	<5				1	3	2	13.60	0.01	0.07	<0.5
WW22-100470		4.06	77	1285	203				86	736	69	8.86	0.01	5.79	<0.5
WW22-100471		2.41	117	1245	243				493	1560	122	14.75	0.17	7.71	<0.5
WW22-100472		2.85	60	645	108				75	1300	108	13.60	0.05	7.83	<0.5
WW22-100473		2.25	57	1315	240				23	949	101	9.83	<0.01	8.34	<0.5
WW22-100474		2.47	46	562	111				140	1390	108	13.95	0.06	7.33	<0.5
WW22-100475		2.02	8	208	59				38	1480	113	14.50	0.09	7.54	<0.5
WW22-100476		2.77	59	321	66				114	1050	97	11.85	0.03	7.55	<0.5
WW22-100477		2.67	20	378	72				2	1245	113	14.35	<0.01	8.19	<0.5
WW22-100478		2.60	51	132	46				6	1025	120	13.50	0.02	9.66	<0.5
WW22-100479		2.40	516	2910	368				17	1050	119	12.10	0.02	9.86	<0.5
WW22-100480		2.56	87	2140	220				12	996	107	11.70	0.01	9.56	<0.5
WW22-100481		2.96	76	1090	131				36	801	91	11.55	0.01	8.49	<0.5
WW22-100482		0.07	4920	2010	1275				84	83	60	0.25	0.01	2.20	0.6
WW22-100483		2.56	71	648	113				188	1160	110	13.40	0.04	8.50	<0.5
WW22-100484		2.02	45	169	63				486	1330	108	12.95	0.09	6.83	<0.5
WW22-100485		3.00	9	127	26				62	340	40	4.92	0.06	3.81	<0.5
WW22-100486		2.26	74	602	91				225	549	65	7.81	0.05	6.21	<0.5
WW22-100487		2.78	17	150	28				116	510	66	7.90	0.02	6.07	<0.5
WW22-100488		2.40	11	33	6				143	339	43	5.24	0.03	3.87	<0.5
WW22-100489		2.49	30	122	7				227	403	46	5.48	0.05	4.29	<0.5
WW22-100490		2.34	81	844	106				288	523	53	6.06	0.06	4.86	<0.5
WW22-100491		2.51	417	5020	620				1195	1590	85	8.17	0.24	6.59	<0.5
WW22-100492		2.68	44	403	61				148	658	85	10.75	0.03	7.47	<0.5
WW22-100493		2.97	59	603	104				231	684	83	10.65	0.05	7.44	<0.5
WW22-100494		2.25	41	398	66				109	505	55	6.75	0.02	4.83	<0.5
WW22-100495		2.68	49	713	90				119	580	63	8.32	0.02	5.57	<0.5
WW22-100496		2.34	21	214	60				112	621	71	10.40	0.02	6.28	<0.5
WW22-100497		2.45	70	443	85				254	1230	105	12.85	0.09	7.51	<0.5
WW22-100498		2.68	128	2720	318				358	956	68	7.53	0.09	6.23	<0.5
WW22-100499		2.43	97	1530	223				207	836	77	9.41	0.03	6.97	<0.5
WW22-100500		0.07	91	600	305				4390	4280	111	3.83	1.59	14.05	1.9
WW22-100501		2.57	219	2450	311				523	933	78	9.39	0.11	6.76	<0.5
WW22-100502		3.11	71	1045	135				237	814	87	11.15	0.05	7.94	<0.5
WW22-100503		3.13	238	2540	327				547	1145	88	10.30	0.16	7.14	<0.5
WW22-100504		2.09	354	4110	517				814	1380	98	11.25	0.24	7.91	<0.5
WW22-100505		2.40	346	3540	427				753	1165	89	10.20	0.22	7.61	<0.5
WW22-100506		2.60	374	4280	520				1205	1390	90	9.42	0.33	7.28	0.5
WW22-100507		2.14	50	519	76				289	701	50	4.91	0.10	4.02	<0.5
WW22-100508		2.82	58	1190	183				225	522	45	4.76	0.06	3.86	<0.5



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 Finalized Date: 2-MAR-2022
 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22019775

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppb	Pd ppb	Pt ppb	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	Co ppm	Mg %	S %	Fe %	Ag ppm
		0.02	1	1	5	10	10	10	1	1	1	0.01	0.01	0.01	0.5
WW22-100509		2.57	172	1635	236				705	890	82	8.89	0.15	6.78	<0.5
WW22-100510		2.59	74	504	113				347	784	85	9.96	0.08	7.60	<0.5
WW22-100511		2.37	18	219	39				93	453	61	7.05	0.02	5.38	<0.5
WW22-100512		2.80	66	593	118				396	667	70	7.43	0.08	5.71	<0.5
WW22-100513		2.35	161	2850	342				988	1040	75	5.64	0.41	5.75	<0.5
WW22-100514		2.79	157	937	101				728	683	59	5.66	0.19	5.03	<0.5
WW22-100515		1.08	<1	2	<5				2	1	<1	12.25	<0.01	0.09	<0.5
WW22-100516		2.65	83	553	80				555	821	71	7.20	0.13	6.25	<0.5
WW22-100517		2.27	84	260	36				874	1150	90	9.82	0.25	7.47	<0.5
WW22-100518		2.82	200	1975	232				982	1325	103	11.25	0.32	8.78	0.5
WW22-100519		2.26	401	3280	376				1605	1865	121	12.10	0.48	9.78	0.7
WW22-100520		2.56	233	2690	327				1175	1485	105	10.45	0.37	8.21	0.5
WW22-100521		2.39	51	56	7				521	784	76	8.07	0.14	6.31	<0.5
WW22-100522		2.01	81	683	85				749	899	68	6.85	0.19	5.82	<0.5
WW22-100523		0.07	1825	1675	234				8830	656	49	4.56	2.07	7.47	4.6
WW22-100524		2.35	220	3370	389				1280	1105	87	8.33	0.49	7.03	<0.5
WW22-100525		2.16	57	1640	159				473	810	62	6.67	0.18	5.60	<0.5
WW22-100526		2.20	173	4020	486				1200	1315	88	7.49	0.41	7.02	<0.5
WW22-100527		2.00	277	4200	499				1155	1455	98	9.93	0.25	8.02	<0.5
WW22-100528		2.25	287	3300	350				899	1220	98	10.10	0.24	8.16	<0.5
WW22-100529		2.38	65	1025	136				288	737	85	10.15	0.07	8.12	<0.5
WW22-100530		2.39	69	992	138				360	712	74	9.11	0.21	7.28	<0.5
WW22-100531		1.90	700	6480	729				1985	1990	110	9.91	0.72	9.44	0.9
WW22-100532		2.48	625	5730	637				2110	2030	127	11.45	0.68	9.80	1.3
WW22-100533		1.98	730	6810	756				1785	1945	121	10.90	0.56	10.50	0.7
WW22-100534		2.14	696	>10000	1250	820	10800	1280	2300	2450	109	7.35	0.68	7.42	0.8
WW22-100535		2.16	165	1780	205				421	857	75	8.61	0.11	6.53	<0.5
WW22-100536		2.09	381	3450	438				1025	1245	92	9.87	0.25	7.74	0.5
WW22-100537		2.23	157	1650	198				459	897	84	9.84	0.12	7.66	<0.5
WW22-100538		2.17	240	2400	278				615	1060	92	10.00	0.18	8.37	<0.5
WW22-100539		2.10	445	4240	494				899	1295	92	9.87	0.26	8.11	0.6
WW22-100540		0.07	71	604	292				4580	4380	115	3.91	1.62	14.30	2.0
WW22-100541		2.34	357	3500	426				977	1160	90	9.83	0.25	8.05	0.5
WW22-100542		2.28	446	4840	577				1485	1485	98	8.44	0.47	8.06	0.7
WW22-100543		2.17	109	1470	185				438	705	65	6.68	0.14	5.83	<0.5
WW22-100544		1.95	21	569	62				75	367	42	4.89	0.01	4.10	<0.5
WW22-100545		2.08	24	200	21				161	360	49	5.38	0.03	4.30	<0.5
WW22-100546		1.60	161	1165	144				487	590	63	6.43	0.14	5.08	<0.5



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 Finalized Date: 15-FEB-2022
 Account: MZI

CERTIFICATE TB22024080

Project: MZI_TB21314307

This report is for 10 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 31-JAN-2022.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21314307**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: MZI_TB21314307

CERTIFICATE OF ANALYSIS TB22024080

Sample Description	Method Analyte Units LOD	PGM-ICP23 Au ppb	PGM-ICP23 Pd ppb	PGM-ICP23 Pt ppb
		1	1	5
HH21-108594		28	386	54
HH21-108595		119	1305	175
HH21-108596		32	347	47
HH21-108597		15	155	30
HH21-108598		72	527	67
HH21-108599		4	94	24
HH21-108600		4760	2010	1285
HH21-108601		10	127	24
HH21-108602		4	78	18
HH21-108603		2	72	19

Comments: **Re-analysis results for samples originally reported on certificate TB21314307**

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



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Project: MZI_TB21314307

CERTIFICATE OF ANALYSIS TB22024080

CERTIFICATE COMMENTS	
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND-02 PGM-ICP23</p>



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CERTIFICATE TB22024118

Project: MZI_TB21306911

This report is for 5 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 31-JAN-2022.

The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

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: **Re-analysis results for samples originally reported on certificate TB21306911**

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: MZI

Project: MZI_TB21306911

CERTIFICATE OF ANALYSIS TB22024118

Sample Description	Method Analyte Units LOD	PGM-ICP23	PGM-ICP23	PGM-ICP23
		Au ppb 1	Pd ppb 1	Pt ppb 5
HH21-108450		26	162	30
HH21-108451		25	583	101
HH21-108452		4750	1950	1245
HH21-108453		16	242	57
HH21-108454		17	84	17

Comments: **Re-analysis results for samples originally reported on certificate TB21306911**

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



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Project: MZI_TB21306911

CERTIFICATE OF ANALYSIS TB22024118

CERTIFICATE COMMENTS

Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND-02 PGM-ICP23</p>
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CERTIFICATE TB22204173

Project: 18-101
 P.O. No.: 182449
 This report is for 6 samples of Pulp submitted to our lab in Thunder Bay, ON, Canada on 24-JUL-2022.
 The following have access to data associated with this certificate:

JAMI BROWN DENIS DECHARTE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES LDIM WEBTRIEVE
------------------------------	--	------------------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
LOG-23	Pulp Login - Rcvd with Barcode
WEI-21	Received Sample Weight

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (IR Spectroscopy)	LECO
PGM-MS23L	Low level PGM - FA ICPMS	ICP-MS
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES

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 *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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Project: 18-101

CERTIFICATE OF ANALYSIS TB22204173

Sample Description	Method Analyte Units LOD	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
		SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
WW22-100304		41.9	6.09	13.65	4.33	27.7	0.37	0.13	0.035	0.06	0.18	0.01	<0.01	<0.01	6.54	101.00
WW22-100306		42.9	4.91	13.60	3.77	27.7	0.31	0.13	0.033	0.07	0.18	<0.01	<0.01	<0.01	6.10	99.70
WW22-100424		41.7	8.53	12.15	5.45	23.9	0.04	0.02	0.049	0.08	0.17	<0.01	<0.01	<0.01	8.05	100.14
WW22-100426		46.3	12.40	9.20	8.09	19.55	0.55	0.30	0.071	0.09	0.19	0.01	0.01	<0.01	5.21	101.97
WW22-100436		41.3	5.63	13.80	3.73	28.2	0.29	0.05	0.028	0.06	0.16	<0.01	<0.01	<0.01	6.77	100.02
WW22-100437		40.6	4.76	14.30	3.54	29.6	0.33	0.07	0.023	0.06	0.17	<0.01	<0.01	<0.01	7.16	100.61

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 THUNDER BAY ON P7B 2R2

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 Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB22204173

Sample Description	Method Analyte Units LOD	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		C %	S %	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Ge ppm	Hf ppm	Ho ppm	La ppm
		0.01	0.01	0.5	0.1	5	0.01	0.05	0.03	0.02	0.1	0.05	0.5	0.05	0.01	0.1
WW22-100304		0.10	0.05	19.2	1.1	231	1.16	0.26	0.17	0.02	3.8	0.14	1.1	0.10	0.04	0.6
WW22-100306		0.09	0.04	18.6	1.2	222	2.04	0.35	0.31	<0.02	4.1	0.29	1.5	0.11	0.07	0.6
WW22-100424		0.72	0.13	0.7	1.0	333	0.39	0.27	0.13	<0.02	5.3	0.20	1.2	0.13	0.04	0.6
WW22-100426		0.04	0.01	36.2	1.4	451	2.57	0.37	0.26	0.10	6.9	0.29	1.3	0.10	0.08	1.1
WW22-100436		0.11	0.07	14.8	1.0	205	2.10	0.32	0.20	0.06	4.0	0.16	1.0	0.11	0.06	0.5
WW22-100437		0.16	0.03	13.2	1.1	156	0.44	0.24	0.20	0.02	3.5	0.21	1.0	0.12	0.06	0.5

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CERTIFICATE OF ANALYSIS TB22204173

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Lu ppm 0.01	Nb ppm 0.05	Nd ppm 0.1	Pr ppm 0.02	Rb ppm 0.2	Sm ppm 0.03	Sn ppm 0.5	Sr ppm 0.1	Ta ppm 0.1	Tb ppm 0.01	Th ppm 0.05	Tm ppm 0.01	U ppm 0.05	V ppm 5	W ppm 0.5
WW22-100304		0.01	0.13	0.5	0.11	2.8	0.18	<0.5	47.3	<0.1	0.03	0.06	0.03	<0.05	59	3.1
WW22-100306		0.03	0.12	0.6	0.13	4.2	0.29	<0.5	24.9	<0.1	0.05	0.12	0.01	0.06	65	0.9
WW22-100424		0.03	0.11	0.5	0.12	0.2	0.14	<0.5	23.5	<0.1	0.04	<0.05	0.02	<0.05	77	<0.5
WW22-100426		0.04	0.12	1.1	0.20	11.3	0.12	<0.5	79.4	<0.1	0.05	0.06	0.04	<0.05	97	0.5
WW22-100436		0.04	0.07	0.5	0.11	1.0	0.18	<0.5	42.0	<0.1	0.02	0.06	0.03	<0.05	61	<0.5
WW22-100437		0.04	<0.05	0.5	0.15	1.3	0.17	<0.5	38.6	<0.1	0.04	0.05	0.02	<0.05	56	<0.5

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CERTIFICATE OF ANALYSIS TB22204173

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-4ACD81	ME-4ACD81	ME-4ACD81	
		Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.03	1	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.5	0.5	1
WW22-100304		1.6	0.26	3	0.1	0.02	<0.005	<0.005	0.001	<0.05	0.3	0.06	0.02	<0.5	<0.5	142
WW22-100306		1.9	0.28	4	0.2	0.03	<0.005	<0.005	0.001	<0.05	0.3	0.04	0.03	<0.5	<0.5	143
WW22-100424		1.8	0.31	4	0.4	0.07	<0.005	0.010	0.002	0.18	1.2	0.45	<0.02	<0.5	<0.5	125
WW22-100426		2.1	0.26	3	0.1	0.01	<0.005	<0.005	<0.001	0.06	0.2	0.02	<0.02	<0.5	<0.5	83
WW22-100436		1.6	0.22	3	<0.1	0.02	<0.005	<0.005	<0.001	<0.05	0.9	0.32	0.03	<0.5	<0.5	144
WW22-100437		1.7	0.15	4	0.2	0.01	<0.005	0.005	<0.001	<0.05	0.3	0.06	<0.02	<0.5	<0.5	153

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CERTIFICATE OF ANALYSIS TB22204173

Sample Description	Method Analyte Units LOD	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	WEI-21	PGM-MS23L	PGM-MS23L	PGM-MS23L	PGM-ICP27	PGM-ICP27	PGM-ICP27	
		Cu	Li	Mo	Ni	Pb	Sc	Zn	Recvd Wt.	Au	Pt	Pd	Au	Pt	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	kg	ppb	ppb	ppb	ppm	ppm	ppm
		1	10	1	1	2	1	2	0.02	1	0.1	0.2	0.01	0.01	0.01
WW22-100304		61	10	<1	1690	3	20	68	0.14	11	56.9	158.5			
WW22-100306		47	<10	<1	1745	<2	24	60	0.16	10	45.5	116.0			
WW22-100424		274	<10	<1	1560	<2	24	63	0.10	82	202	>1000	0.09	0.20	1.32
WW22-100426		7	10	<1	898	<2	27	64	0.10	14	58.1	271			
WW22-100436		238	<10	<1	1880	3	20	62	0.13	96	137.5	922			
WW22-100437		67	<10	<1	1885	4	19	59	0.12	9	45.1	141.0			

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CERTIFICATE OF ANALYSIS TB22204173

	CERTIFICATE COMMENTS												
	LABORATORY ADDRESSES												
Applies to Method:	<p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada LOG-23 WEI-21</p>												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">C-IR07</td> <td style="width: 33%;">ME-4ACD81</td> <td style="width: 33%;">ME-ICP06</td> <td style="width: 33%;">ME-MS42</td> </tr> <tr> <td>ME-MS81</td> <td>OA-GRA05</td> <td>PGM-ICP27</td> <td>PGM-MS23L</td> </tr> <tr> <td>S-IR08</td> <td>TOT-ICP06</td> <td></td> <td></td> </tr> </table>	C-IR07	ME-4ACD81	ME-ICP06	ME-MS42	ME-MS81	OA-GRA05	PGM-ICP27	PGM-MS23L	S-IR08	TOT-ICP06		
C-IR07	ME-4ACD81	ME-ICP06	ME-MS42										
ME-MS81	OA-GRA05	PGM-ICP27	PGM-MS23L										
S-IR08	TOT-ICP06												

Appendix E: Rock Codes

Lithology Code	Rock Name	Mineral Code	Mineral Name	Alteration Code	Alteration Name	Mineralization Style	Mineralization Style Name	Structure Style	Structure Style Name
ANOR	Anorthosite	Bio/Bt	Biotite	Act	Actinolite	Bl	Blebby	Aph	Aphanitic
DIKE	Dike	Cpx	Clinopyroxene	Cal	Calcite	Cg	Coarse-grained	Bx	Brecciated
EGAB	Equigranular Gabbro	Cpy/Cp/Ccp	Chalcopyrite	Carb	Carbonate	Diss	Disseminated	Cnt	Contact
GAB	Gabbro	Mt/Mag	Magnetite	Chl	Chlorite	Fc	Fracture Controlled	Dtca	Degrees to core axis
GAB-Bx/GABBX	Brecciated Gabbro	Oi	Olivine	Ep	Epidote	Ff	Fracture filling	Fol	Foliation
GABMG	Medium-grained Gabbro	Opx	Orthopyroxene	Fe	Iron	Fg	Fine-grained	Lc/Lct	Lower contact
GAB-Vt/GABVT	Varitextured Gabbro	Plag/Plg	Plagioclase	Hem	Hematite	Int	Interstitial	Peg	Pegmatitic
GBNR	Gabbronorite	Po/Pyrr	Pyrrhotite	K	Potassium	Mg	Medium-grained	Sbpl	Subparallel
LC	Lost Core	Py/Pyr	Pyrite	Na	Sodium	Min	Mineralization	Uc/Uct	Upper contact
LGAB	Leucogabbro	Pyx/Pxn	Pyroxene	Ox	Oxide	Mod	Moderate	Ve	Vein
MBI	Mine Block Intrusion	Qtz	Quartz	Sel	Selective	Pheno	Phenocryst	VI/vInt	Veinlet
MNOR	Melanorite			Serp	Serpentine	Sivg	Selvage	Vt	Varitextured
NLDI	North Lac des Iles			Sil	Silica	Tr	Trace	Xcut	Crosscut
NOR	Norite			Spv	Semi-pervasive	Vc	Vein controlled		
NOR-Vt	Varitextured Norite			Trem	Tremolite	Vcg	Very coarse-grained		
OB	Overburden					Vfg	Very fine-grained		
PER	Peridotite					Vh	Vein hosted		
PYXT	Pyroxenite					Wk	Weak		
QDIOR	Quartz Diorite								
TON	Tonalite								
WEB	Websterite								