GM 70753

Report of work 2016-2017, project Green Palladium

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Énergie et Ressources naturelles
Québec

Report of Work 2016 - 2017
Project Green Palladium
Sphinx Resources Ltd.

Cantons Grand Calumet, Litchfield and Clarendon

Robin Adair
(P.Geol, géo)

March 23, 2018

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Summary

Sphinx Resources Ltd. (“**Sphinx**”) is an exploration company focused on mineral exploration and development in Québec through project generation and project acquisitions. In 2015, Sphinx added the Green Palladium project (the “**Project**”) to its portfolio by completing an agreement with Ressources Amixam Inc. and staking additional claims. Under the terms of an agreement with Gardin Inc. (“Gardin”), Sphinx acquired the project by issuing 4,461,536 common shares and granting a 2% Net Smelter Return royalty to Gardin.

The goal of the Project is to explore for deposits containing platinum group metals and copper-nickel and platinum group elements ("PGE") as well as for carbonate-hosted zinc, volcanogenic massive sulphides (“VMS”) and gold occurrences that may be present in three geological environments that occur on the Project.

This report documents exploration work conducted by Sphinx from June 2016 to November 1, 2017. During this period, a HELITEM30C MULTIPULSE™ airborne survey was conducted jointly over the Green Palladium and Calumet-Sud projects (reported separately). A program of soil sampling over EM/Magnetic anomalies from the HELITEM survey was conducted and was followed by a drill program consisting of 10 diamond drill holes totalling 965.1m, overburden stripping and a small surface TDEM survey.

The work was conducted by the following companies and individuals

1. G4 Drilling
2. MB Geosolutions
3. Zorayda Consulting Ltd.
4. Abitibi Geophysics
5. Explo-Logik Inc.
6. Daniel Boudreau, PGeo Qc (drone)
7. Jocelyn Pelletier, PGéo (soil survey)

Dr. Michel Gauthier (géo) and Robin Adair (géo) were the professional geologists managing the project. M. Gauthier was present and participated in the soil sampling programs and the drill program. Robin Adair, Exploration and Mining Consultant, M.Sc., P. Geol., géo (Zorayda Consulting Ltd.) attended the Project in May, June and September of 2017 and managed the drill program.

The HELITEM survey conducted in 2016 is the first modern survey to investigate the area.

Disclaimer.

This report is prepared only for the purpose of filing a description of assessment work conducted on the Project with the Ministère of Energy and Natural Resources of the Province of Québec. Every effort has been made to ensure that this document meets statutory assessment work reporting standards. This report is not compliant with National Instrument 43-101 specifications, nor is it intended for any other use than documenting and filing of work.

Location and access

The Project is located in the MRC of Pontiac in southern Quebec, in the administrative region of the Outaouais. It straddles the townships of Grand Calumet, Litchfield and Clarendon. The Project straddles the territory of six rural municipalities in the area: the Isle of Grand-Calumet, Bryson,

Litchfield, Campbell Bay and Clarendon. All of these municipalities are part of the Regional County Municipality (MRC) of Pontiac. The work documented in this report was carried out on the Isle of Grand-Calumet which is accessible by a major bridge crossing the Ottawa River at the village of Bryson.

The Green Palladium project is located 93 km from Ottawa via Gatineau on the Provincial Road 148 (Quebec) or approximately 122 km via the TransCanada Highway 417 (**Figures 1, 2 and 3**).

Infrastructure is very well maintained with ample roads and secondary roads present throughout the Project. Surface land tenure is privately held.

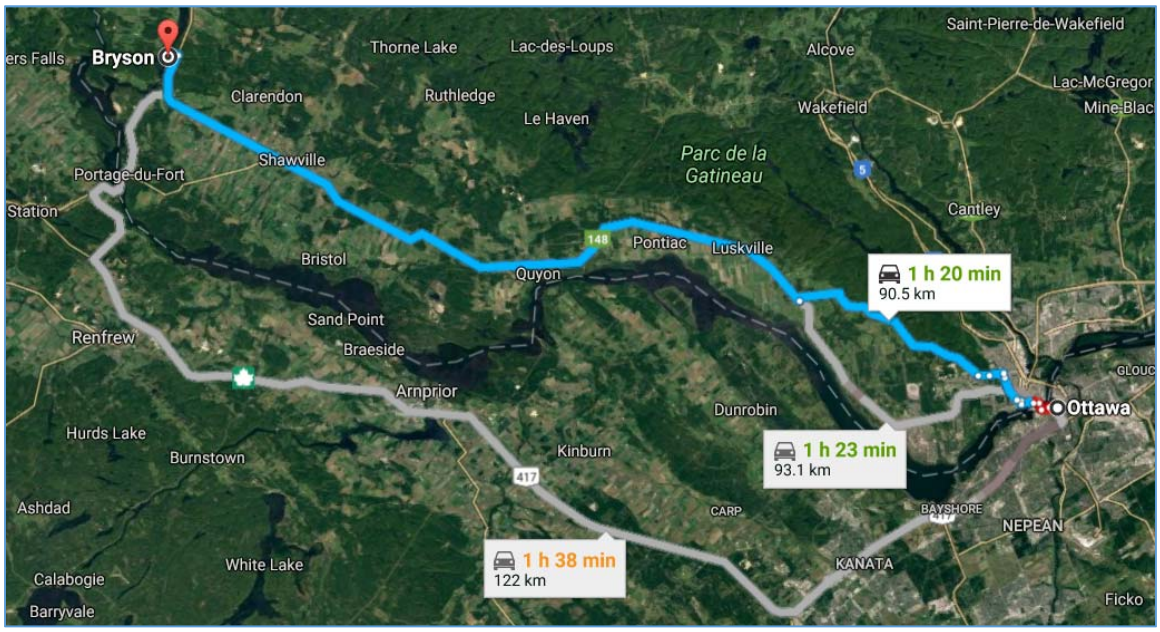

Figure 1: *Regional project location*

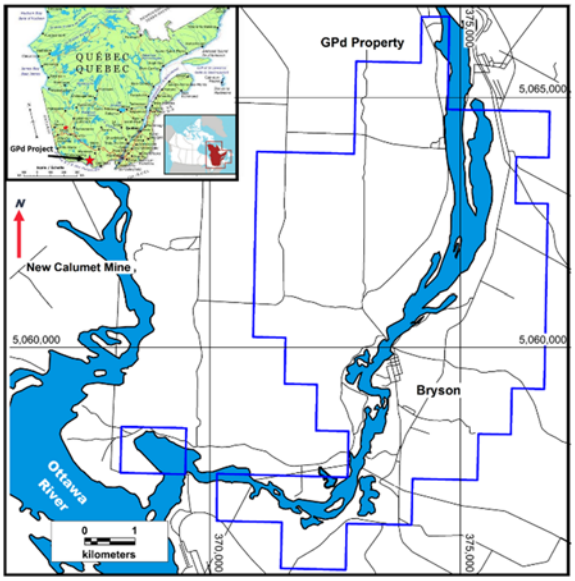

Figure 2: *Project boundary - Location map.*

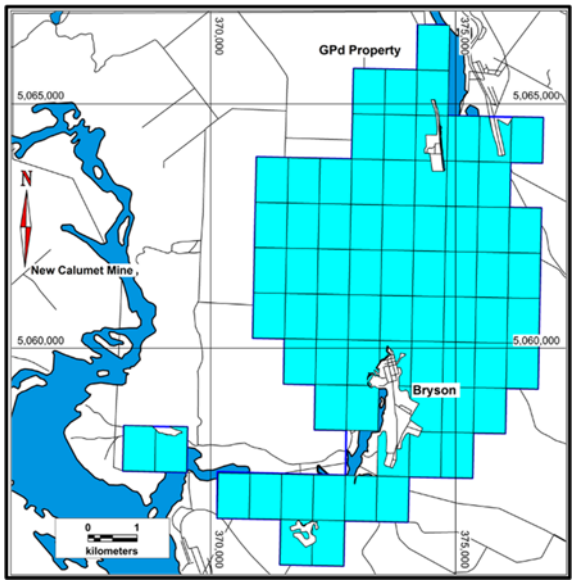

Figure 3: *Location map of the mineral titles (CDC).*

Projection system and software programs used

Projection: NAD 83, zone 18.

Software:

1. GIS and mapping – MapInfo Pro, Discover
2. Drill database: GEMS (Geovia).
3. Manipulation, plotting and modeling: GEMS (Geovia).
4. Database, core logging and QAQC: Geotic

Project Description

Under the terms of an agreement with Gardin Inc., Sphinx acquired the project by issuing 4,461,536 common shares and granting a 2% Net Smelter Return royalty. A total of 74 CDC titles comprise the Project. A list of mineral titles is provided in **Appendix I**.

Work History

Table 2: *Historical work.*

Year	Company	GM	Activity
1957	Chess Uranium	GM 05098	Trenching and prospecting. Discovery of Copper mineralization.
1964	Western Surf Inlet Mines Ltd.	GM 15762	Completed two diamond drill holes on the copper discovery made by Chess Uranium.
1971	J.E. Ridell	GM 27494	IP survey in the vicinity of the Cu-Ni trenches
1972	Pontiac Mining Development	GM 28300	IP and Magnetic survey in the vicinity of the original copper trenched and previous drilling.
1972	Pontiac Mining Development	GM 27924	Review and report the metal potential
1973	D. Lavallee and Geoterrex	GM 29567	IP survey
1987	Lacana Mining Corporation	GM 45535	Grab sapling and mapping
2015-16	Sphinx Resources Ltd.	GM ??	IP, Mag, TDEM, drilling (9 DDH) and trenching
2016	Sphinx Resources Ltd		Airborne geophysical survey
2017	Sphinx Resources Ltd		Drilling 7 DDHs and soil sampling

Regional Geology

The Project covers a region within the Grenville geological province (**Figure 4**). Geology is characterized by strongly deformed marbles and meta-volcanic rocks. Within and intruding this sequence, a previously unrecognized layered igneous complex has been identified and has been named the Obwondiag Layered Complex ("**OLC**"). This complex is gabbroic, with phases identified from meta-monzonite to meta-pyroxenite (hornblendite) with vary-coloured meta-gabbro being the dominant rock type. The complex is deformed, however to a somewhat lesser degree than the surrounding metasedimentary and metavolcanics rocks. This entire assemblage predates the Grenville Orogeny and was likely subjected to the same deformation events; however, the complex may have been less prone to folding and perhaps acted as a buttress to deformation in the surrounding rocks.

Intruding the sequence is the Cheneaux Gabbro. These rocks did not undergo as intense deformation as that observed in the meta-sedimentary/meta-volcanic sequences and the OLC. Outcrops of the Chenaux Gabbro(s) observed on and near the Project are less deformed than the rocks into which the gabbro(s) intrude. Abdurahman (1989) and Azur (2015) confirm this observation and Abdurahaman suggests the gabbro(s) intruded rocks already deformed and that the gabbro(s) underwent incomplete metamorphism during late Grenvillian time.

The Project covers a portion of a unique geological situation where three types of mineralizing events are present. These are: VMS (zinc, lead, silver, gold), carbonate-hosted zinc-lead and magmatic PGE with copper. The region has seen very limited exploration prior to the efforts by Sphinx and Sphinx/SOQUEM (adjacent project) other than exploration in the immediate area of the New Calumet mine (VMS), located 1.5 km west of the project (produced 3.8 million tons of ore grading 5.8% Zn, 1.6% Pb, 65 g/t Ag and 0.4 g/t Au from 1944 to 1968). Carbonate-hosted zinc mineralization and magmatic sulphides were discovered in the region in 2014 by Dr. M. Gauthier, a director of Sphinx and a key advisor to Sphinx. Subsequent drilling proved PGE in the subsurface. Furthermore, a new understanding of the geology and newly-detected anomalies suggest opportunities for PGE, VMS and carbonate-hosted zinc on the project.

The Project covers half of the OLC that includes the Meilleur palladium-copper discovery. The relationship to the surrounding meta-volcanic sequences and the underlying marble sequences is unknown; however, it is believed that the OLC intrudes these sequences (**Figure 5**). The relationship to the regionally extensive Chenaux Gabbro remains unknown as well, although the latter is expected to be a later event. Combined, the OLC and the Chenaux Gabbro represent major mafic magmatic events in the region and present opportunity for magmatic sulphide/PGE and iron, titanium and minor vanadium. Surrounding the OLC, sequences of meta-volcanic rocks occur in the northern and western portions of the project. A new felsic-mafic contact has been recognized within this sequence in the north of the project area and has been correlated with the New Calumet mine sequence. Sulphide-bearing horizons are indicated within the meta-volcanic rocks however these have not been investigated. Extensive marble sequences occur in the southern portions of the project and underlie the meta-volcanic rocks. Newly discovered zinc mineralization similar to that at Balmat, New York occurs on the Sphinx-SOQUEM project adjacent to the Project in these rocks.

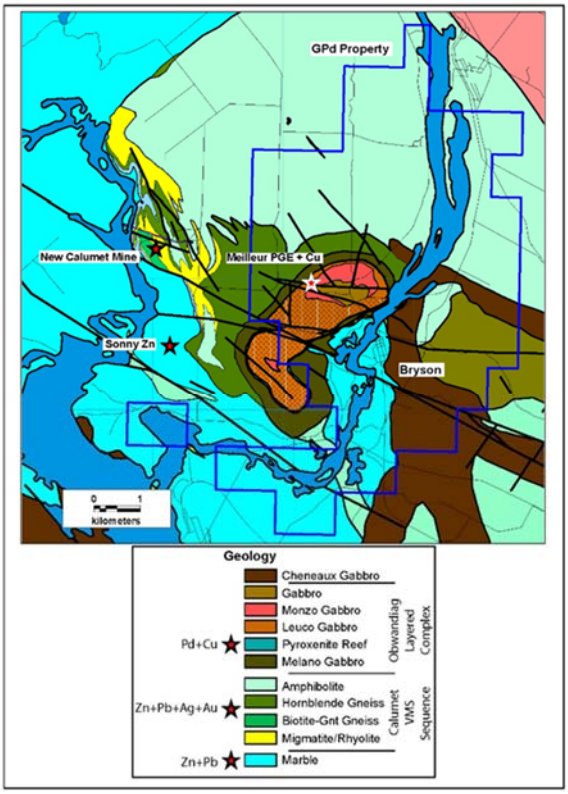

Figure 4: *Regional geology compilation map.*

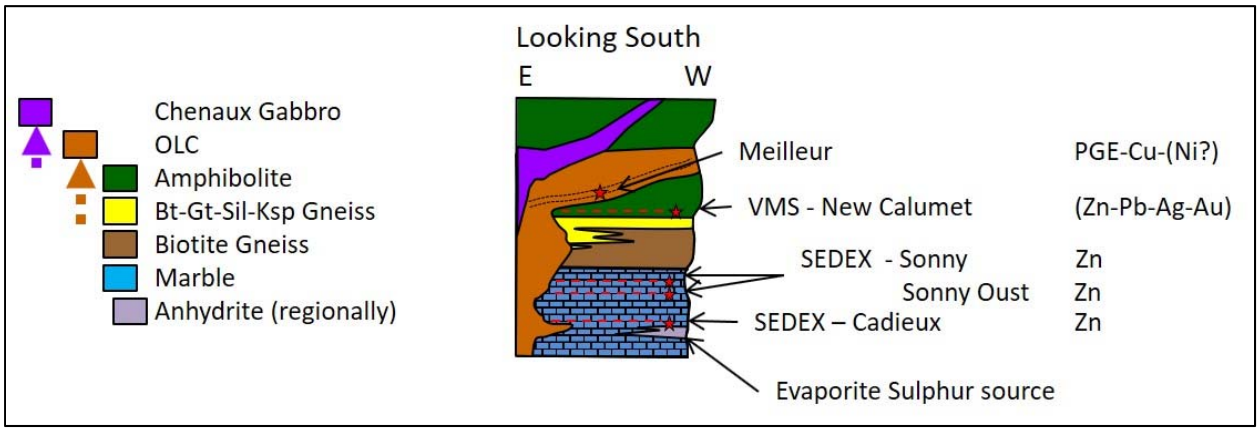

Figure 5: *Schematic stratigraphy and metallogenic model.*

Historical Data: Compilation, analyses and correction

A standard database structure was developed for the Project (**Appendix II**). This is designed to include:

1. Drill collar information from SIGÉOM or from repositioned grids.
2. Down-hole surveys related to hole direction and trajectory as well as survey instrument type.
3. A hybrid Abitibi legend (**Table 2**) for coding rock types.
4. Codes for mineralization type/style, alteration/metamorphic mineral codes and structure codes (**Tables 3 – 5**).

Table 3: *Hybrid Abitibi legend – Rock types and codes used for the Project.*

	Rock Code	Rock Type	Group
Top	**I2D**	Syenite	Obwondiag Layered Complex (rock types prefixed by meta-) (stratigraphic order approximate)
	I2DD	Syenodiorite	
	I2EM	Monzonite	
	I2H	Monzodiorite	
	I2J	Diorite	
	I3A	Gabbro (footwall)	
	I3Ag	Green Gabbro	
	I3Al	Leucocratic Gabbro	
	I3Am	Melanocratic Gabbro	
	I4B	Pyroxenite (Hornblendite)	
	I3Abp	Bipolar gabbro	
	I3Azm1	Mingling zone - melanogabbro+leucogabbro	
	MZ2	Mingling zone - melanogabbro+pyroxenite	
Base	**I3A**	Gabbro (footwall)	
	M16	Amphibolite	Volcanic sequence (stratigraphic order approximate)
	T2L	Intermediate Lapilli Tuff	
	T3L	Mafic lapilli tuff	
	M1b	Hornblende gneiss	
	M42	qtz-sericite schist	
	M1h	Biotite Gneiss (HW)	
	70	New Calumet mine horizon: Sulphides	
	M22	Migmatite - garnet, biotite, calc-silicate	
	M1h	Biotite Gneiss (FW)	
	M1	Gneiss	
	M13c	Calcitic Marble	Marble Sequence (no stratigraphic order implied)
	M13cs	Calcsilicate Marble	
	M13ct	Calcite Marble	
	M13d	Diopside Marble	
	M13dc	Dolomitic Marble	
	M13dl	Dolomite Marble	
	M13g	Graphitic Marble	
	M13m	Micaceous Marble	
	M13ol	Olivine Marble	
	M13sp	Serpentinized Marble	
	M13ta	Talcaceous Marble	
	M13tr	Tremolitic Marble	
	M13w	Wollastonite Marble	
	M39	Talc schist	
	S12C	Anhydrite	
	S12D	Gypsum	
	I1G	Pegmatite	Other
	Flt	Fault	
	M22	Migmatite	
	M25	Mylonite	

Table 4: *Mineralization codes.*

Code		Description
MMS		Magmatic, massive sulphides > 80%
MSMS		Magmatic, semi-massive sulphides, 50 – 80%
MIS		Magmatic, intermittent sulphides 20-50%
MDS		Magmatic, disseminated sulphides < 25%
MBS		Magmatic, blebby sulphides
MNT		Magmatic, net-textured
MCDS		Magmatic, cloudy disseminated sulphides
MBDS		Magmatic, banded disseminated sulphides
MS		Massive sulphides
SMS		Semi-massive sulphides 50 – 80%
IS		Intermittent sulphides 25 - 50%
DS		Disseminated sulphides < 25%
SS		Stringer sulphides
ILS		Interlaminated sulphides
MMt		Massive magnetite
SMMt		Semi-massive magnetite
DMt		Disseminated magnetite

Table 5: *Metamorphic minerals and alteration codes.*

Code		Mineral
AC		actinolite
AMP		amphibole
ATH		anthophyllite
BT		biotite
CC		calcareous
CS		calc-silicate
CAR		carbonate
CHL		chlorite
CRD		cordierite
EP		epidote
GRT		garnet
GNT		granitized
GRP		graphite
GM		green mica
HEM		hematite
HBL		hornblende
MCS		micaceous
QZ		quartz
QF		quartzofeldspathic
SER		Sericite
SRP		serpentinized
SLS		silicification
SIL		sillimanite
TLC		talc
DI		diopside

Table 6: *Structures and related codes*

CODE		Description
B		Bedding
FOL		Foliation
IC		Intrusive contact
PC		Pegmatite contact
SHR		Shear
FLT		Fault
FRC		Fracture
BK		Broken
BX		Breccia
AC		Aplite contact
FB		Flow Banding
LAM		Lamination

BD		Bedding
BLK		Blocky
BRT		Brittle
SV		Sulphide vein
MYL		Mylonite
LC		Layer Contact
FA		Fold axis
ZLCA		Zone of low core angles (fold)
V		Veins
BND		Banding
GB		Gneissic banding
LC		Lithological Contact

Mineralisation

Magmatic Sulphides:

Magmatic Pd-Pt-Au and Cu bearing sulphides with trace nickel occur at in a meta-pyroxenite horizon that has been traced at surface over 800 m and has been intersected by drilling to a depth of 50 metres. Grades from trenched grab samples at the original Meilleur discovery showing returned 3.3 g/t, 2.3 g/t and 0.6 g/t Pd as well as 3.2%, 3.3% and 0.2% Cu. Follow up drilling intersected 3.44 g/t Pd+Pt+Au over 40 centimetres in hole GPd-15-01 which is a good example of the mineralized sequence (**Table 6**). Elsewhere, the palladium-bearing horizon has been consistently intersected in 14 drill holes and is characterized by a meta-pyroxenite horizon with elevated Pd (0.1 – 0.6 gpt), Pt (0.1 – 0.06 gpt), Au (0.01 – 0.14 gpt) and Cu (0.1 – 1.5 %) (**Figures 6, 9 znd 10; Appendix VI** and **VII**). From geological and Lidar interpretation as well as analyses of soil geochemistry, the reef horizon potentially extends over 11 kilometres at surface (**Figure 10)**.

Table 7: *Mineralized sequence in DDH GPd-15-01.*

		Lithology	Mineralization (pyrrhotite-chalcopyrite)	From (m)	To (m)	Interval (m) *	Pd (g/t)	Pt (g/t)	Au (g/t)	Pt+Pt+Au (g/t)	Ag (g/t)	Cu (%)	Ni (%)	S (%)
GP-15-01 (106 m)	Down sequence	Metapyroxenite	2% disseminated sulphides	41.47	42.10	0.63	0.16	0.05	0.01	**0.21**	0.40	0.19	0.04	1.25
		Melanogabbro	5% banded sulphides	42.10	42.27	0.17	0.28	0.01	0.01	**0.29**	0.20	0.27	0.10	2.97
		Melanogabbro	10% net-textured sulphides	42.27	42.48	0.21	0.55	0.03	0.01	**0.59**	0.40	0.53	0.23	6.67
		Metagabbro	3% disseminated sulphides	42.48	42.76	0.28	0.23	0.06	0.02	**0.30**	0.30	0.29	0.07	2.23
		Barren Monzonite	Barren	42.76	43.04	0.28	0.03	0.01	0.00	**0.04**	<0.2	0.05	0.01	0.50
		Melanogabbro Meta-pyroxenite **Reef**	3% disseminated sulphides	43.04	43.16	0.12	2.78	0.90	0.30	**3.98**	0.90	0.30	0.07	1.91
			2% disseminated sulphides	43.16	43.44	0.28	2.33	0.66	0.23	**3.22**	4.90	0.81	0.05	1.25
Composite 1				41.47	42.76	1.29	0.25	0.04	0.01	**0.30**	0.35	0.28	0.06	2.57
Composite 2				43.04	43.44	0.40	2.46	0.73	0.25	**3.44**	3.70	0.66	0.06	1.45

VMS:

Drilling and compilation of historical data by Sphinx has identified previously un-mapped sulphide horizon(s) (exhalite) comprised of semi-massive, disseminated and stringer pyrite and lessor pyrrhotite in meta-volcanic rocks. Historical drilling identified local massive sulphides. Where reconnaissance soils have been collected, anomalous Zn, Cu and Pb have been returned.

Further, prospecting identified an unrecognized felsic-mafic contact that has reasonable correlation with the New Calumet mine stratigraphy in the northern end of the Project.

Carbonate-hosted zinc-lead:

The southern portion of the project covers an area of marble that is un-investigated. To the north and west, significant zinc has been discovered by Sphinx and SOQUEM in these marbles (**Figure 4**).

2016 - 2017 Program and results.

Contractors

The work was conducted by the following companies and individuals

1. G4 Drilling - Drilling
2. MB Geosolutions. – Geophysics
3. Zorayda Consulting Ltd. – core logging, database, geological modeling
4. Abitibi Geophysics - TDEM
5. Explo-Logik Inc. General support
6. Daniel Boudreau, PGeo Qc - Drone
7. Jocelyn Pelletier également PGéo – soil survey

Quality Control

Sphinx employed a quality assurance and quality control program for the drill program to ensure leading practice in the sampling and analysis of drill core. This included the insertion of certified standards and blanks in the sample stream. Assay samples are taken from NQ-size drill core sawn in half. One half is shipped for analysis to ALS in Val-d'Or, Quebec. The other half is kept for future reference. Analytical methods consisted of standard fire assay and ICP-AES finish for PGE and aqua regia digestion and ICP-AES for the determination of 34 elements.

The drilling program was performed by Forage G4 of Val-d'Or, Quebec, under the supervision of Michel Gauthier, Ph.D. (géo, and a director of the Sphinx) and Robin N. Adair, M.Sc. (P.Geol., géo, and member of the Advisory Committee of the Sphinx).

Regarding the soil sampling program, a Niton portable XRF was used on site to analyse pressed pellets made using standard procedures for dried soil samples.

Geology

A new potential volcanogenic massive sulphide horizon located within the meta-volcanic sequences has been identified to the north of the OLC. This horizon is characterized by the presences of a favorable felsic-mafic contact that correlates with the mine horizon at the New Calumet mine (produced 3.8 million tons of ore grading 5.8% Zn, 1.6% Pb, 65 g/t Ag and 0.4 g/t Au from 1943 to 1968) located 3 km west. An initial 160 sample portable XRD soil program was attempted but was not conclusive. As well, volcanic fragmental rocks similar to those identified in the New Calumet mine area were intersected in DDH GPd-17-10.

Drone Mapping

Drone photography was conducted by Daniel Boudreau, PGeo Qc over the original Meilleur trench and a southern area in the vicinity of DDHs GPd-17-11 and GPd-17-12 (**Figure 6**)

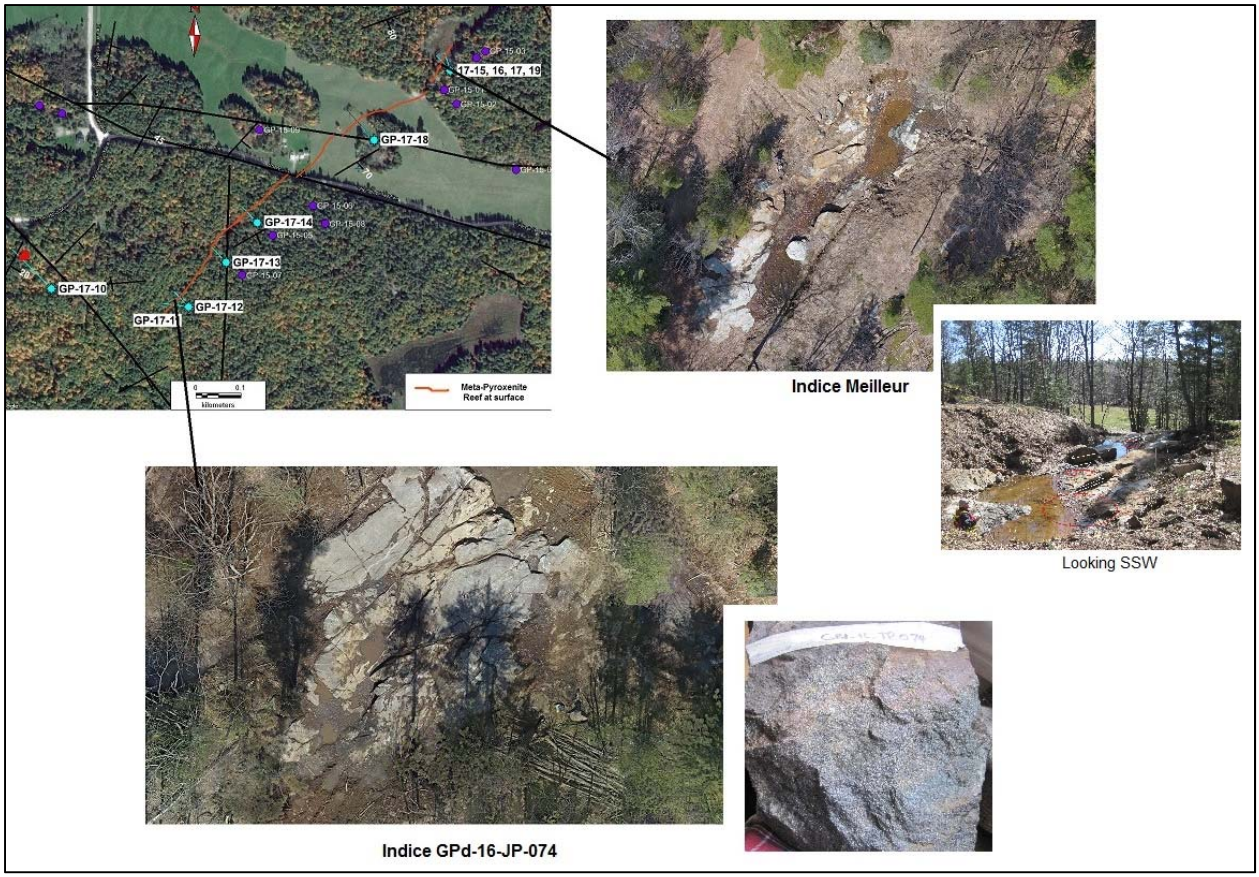

Figure 6: *Trench and stripped areas.*

Soil Geochemistry

A focused soil sampling program was completed on six small grids. A total of 796 samples were taken and analysed by portable XRF on site. A hand-held Niton XRF analyzer provided geochemical readings for a wide range of metallic elements including nickel and copper. Readings were made at the soil sample surface on a pressed pellet. Several readings are used to generate an averaged value. Values obtained using the Niton XRF analyzer are being used only for exploration planning and targeting.

Two grids (Grids 3 and 4) were focused on the PGE reef horizon and 4 were focussed outside of the OLC in meta-volcanic rocks to test for VMS. The results clearly defined the PGE horizon on the basis of copper responses, whereas the grids surveyed outside of the OLC responded with weak Cu-Zn anomalies.

Samples are reported in **Appendix III** and relative locations in **Figure 7**.

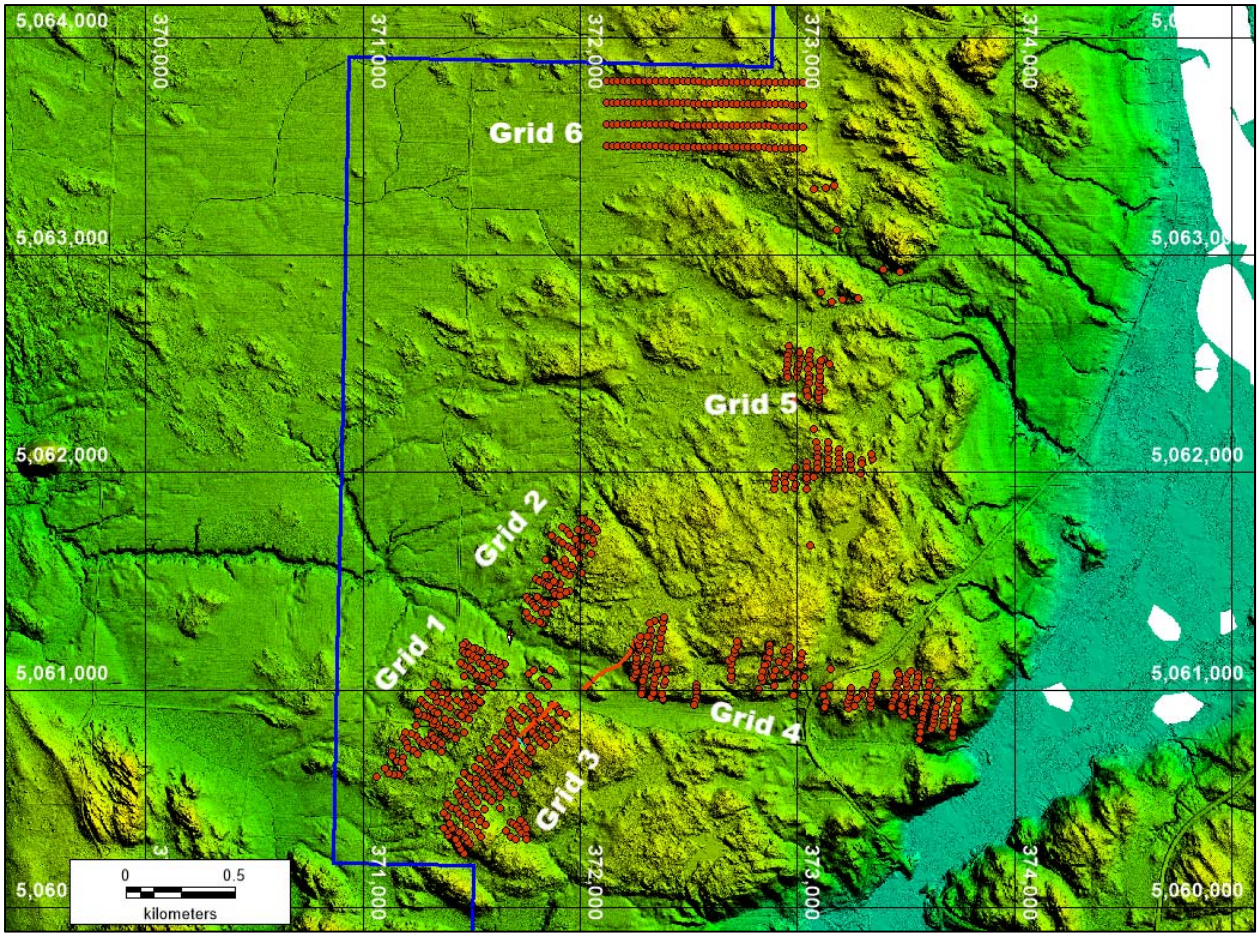

Figure 7: *Soil sample locations.*

Prospecting

In September and October 2016, prospecting, soil geochemical sampling and rock sampling programs were performed. A total of 16 were taken. Anomalous copper, nickel, palladium and platinum values in rock samples show a strong spatial correlation with the magnetic trends identified during the 2016 heliborne geophysical survey.

Geophysics

Sphinx conducted a HeliTEM30C MULTIPULSE™ survey over the project in 2016 (**Figure 8**). A test ground InfiniTEM® Survey totaling 1.8 km in two (2) lines was completed over the main Meilleur showing area and holes GPd-17-15, 16, 17 and 19 by Abitibi Geophysics following the completion of drilling (**Figure 11**). The results did not identify shallow, near surface conductors that would correlate well with the drilled area given the disseminated nature of the sulphide in the drill holes. Both lines showed longer wavelength anomalous responses toward the west side of the survey grid that warrant follow up (**Appendix VIII**). **Table 9** is a summary of estimated physical properties of the rock types and mineralization encountered on surface and in drilling.

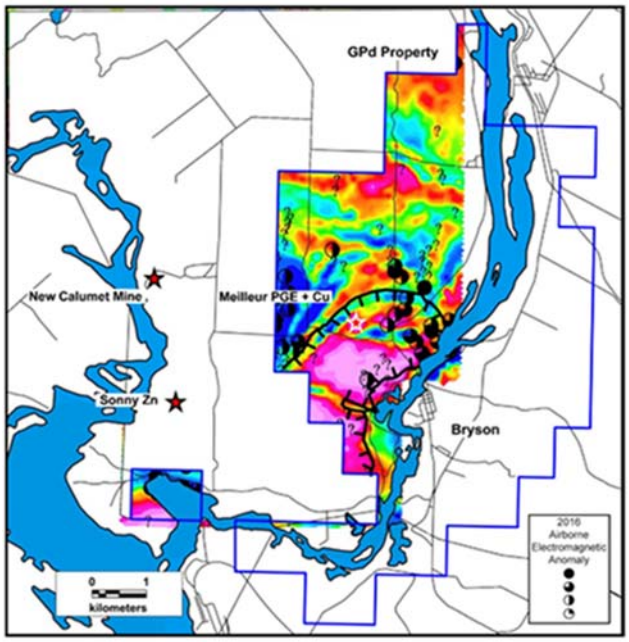

Figure 8

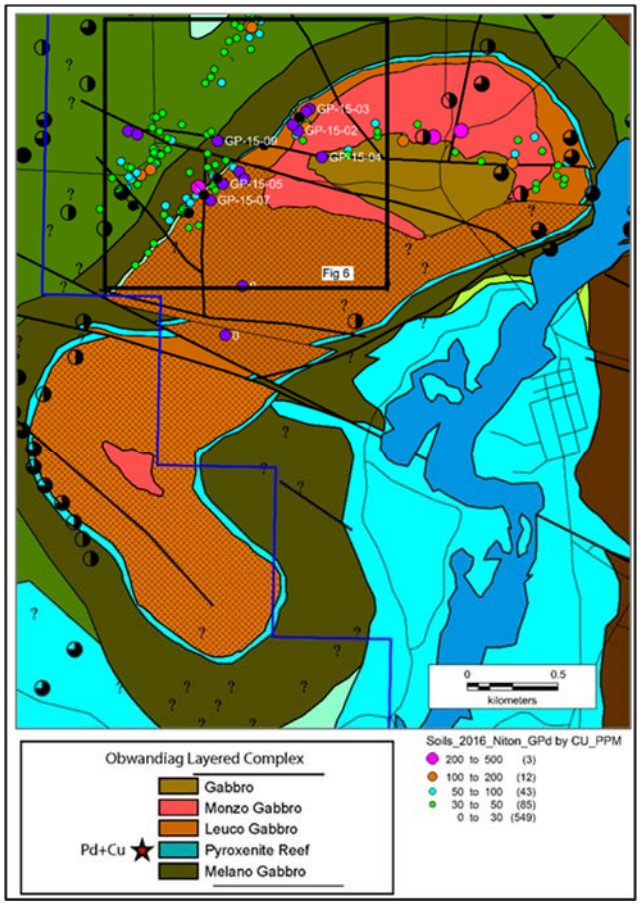

Figure 9: *Geology and soil results.*

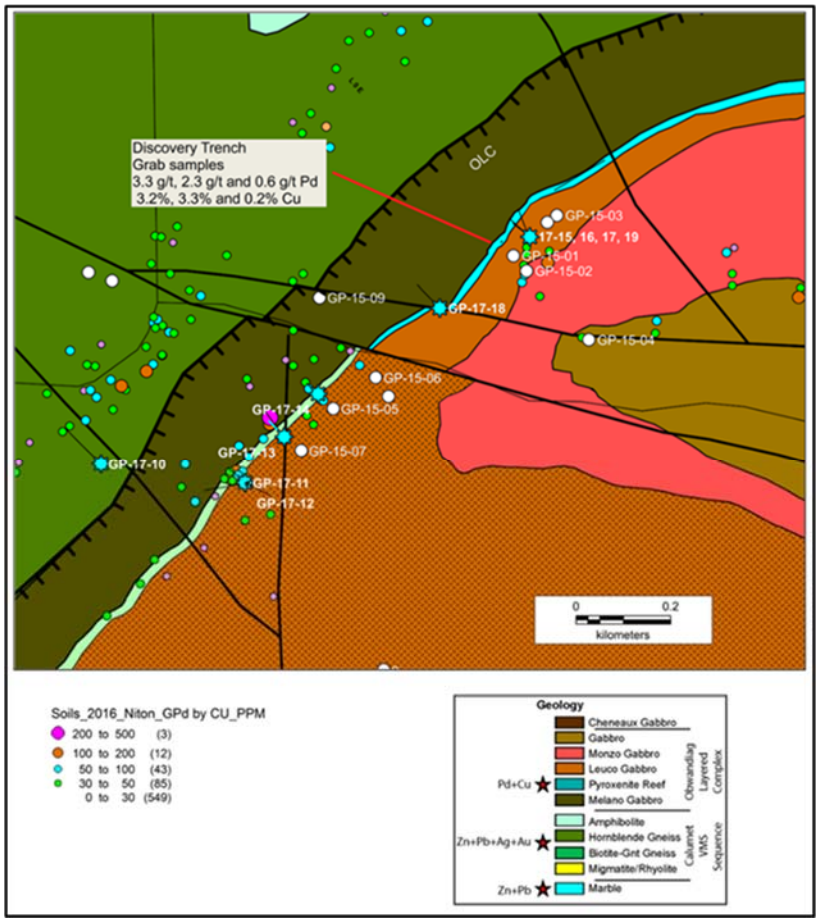

Figure 10: *Detailed map of drilling and soil results along Palladium trend.*

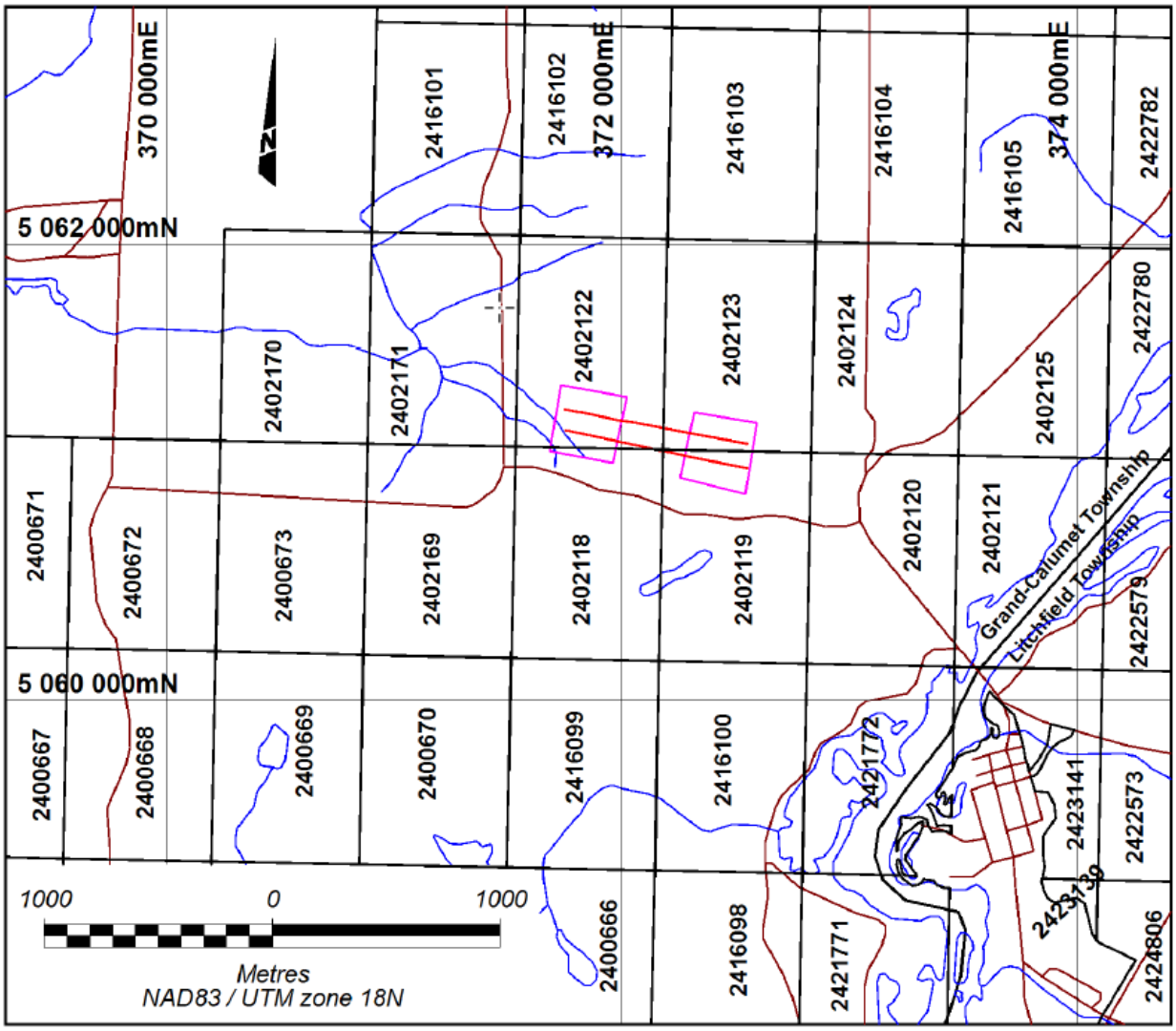

Figure 11: *Ground InfiniTEM® survey area.*

Diamond Drilling

A total of ten (10) diamond drill holes were completed on the Project for a total of 965.1 metres (**Figure 12)**. The program was designed to test surface geochemical anomalies, new targets developed from the heliborne survey completed in 2016 and from geological interpretation of previous drill results.

Results from nine (9) of ten (10) drill holes support PGE mineralization with associated gold and copper mineralization. This mineralization is hosted within, or proximal to, a distinct meta-pyroxenite layer (marker horizon, **Figures 13 and 14**) within the OLC that intrudes sulphide-bearing dolomitic marbles and meta-volcanic rocks. The meta pyroxenite is the lowest layer of a cyclic sequence of leucogabbro, melanogabbro with progression to one or more meta-pyroxenite layers at the base of the rhythmic sequence. One hole (GPd-17-10) was drilled to test an anomaly outside of the OLC. **Table 7** summarizes results and composite intervals. **Table 8** lists all drill hole information.

Observations of the drill core samples from the new holes as well as surface stripping of a new area along the mineralized reef, confirmed the geological continuity of the horizon over an 800-metre length. In addition, four (4) holes were drilled north of the area stripped in 2015 that returned mineralized grab samples from the horizon with values of 3.3 g/t, 2.3 g/t and 0.6 g/t Pd and 3.2%, 3.3% and 0.2% Cu respectively (see Sphinx's press release of January 15, 2015). Three (3) holes intersected sulphide mineralization within the targeted reef horizon similar to that in the surface stripped area with mineralized intervals of up to three metres (drilled width only). Mineralization consists of semi-massive chalcopyrite and pyrrhotite forming an anastomosed stockwork ranging between 5% and 30% total sulphides. These intercepts suggest a plunge to mineralization down-dip and to the northeast. Also noted is an apparent thickening of both the pyroxenite horizon and mineralization from surface exposures. This is the most continuous mineralization yet intersected.

One drill hole (GPd-17-10) was drilled outside of the OLC and tested a target in the adjacent meta-volcanic rocks that host mineralization in the former New Calumet mine zinc-lead-silver-gold mine located 2 km to the northwest. It intersected meta-sedimentary and meta-volcanic rock containing disseminated to heavily disseminated pyrite and pyrrhotite. Mafic meta-lapilli tuff similar to that in the vicinity of the New Calumet mine was a major lithology in this drill hole.

Drill hole assay results from the 2015 and 2017 drilling campaigns (19 holes totaling 1,931 m) supported the extension of the stratabound PGE horizon over a distance of 800 metres. The horizon remains open in all directions. Regional compilation suggests an interpreted surface expression of the target horizon over an estimated 11 kilometres.

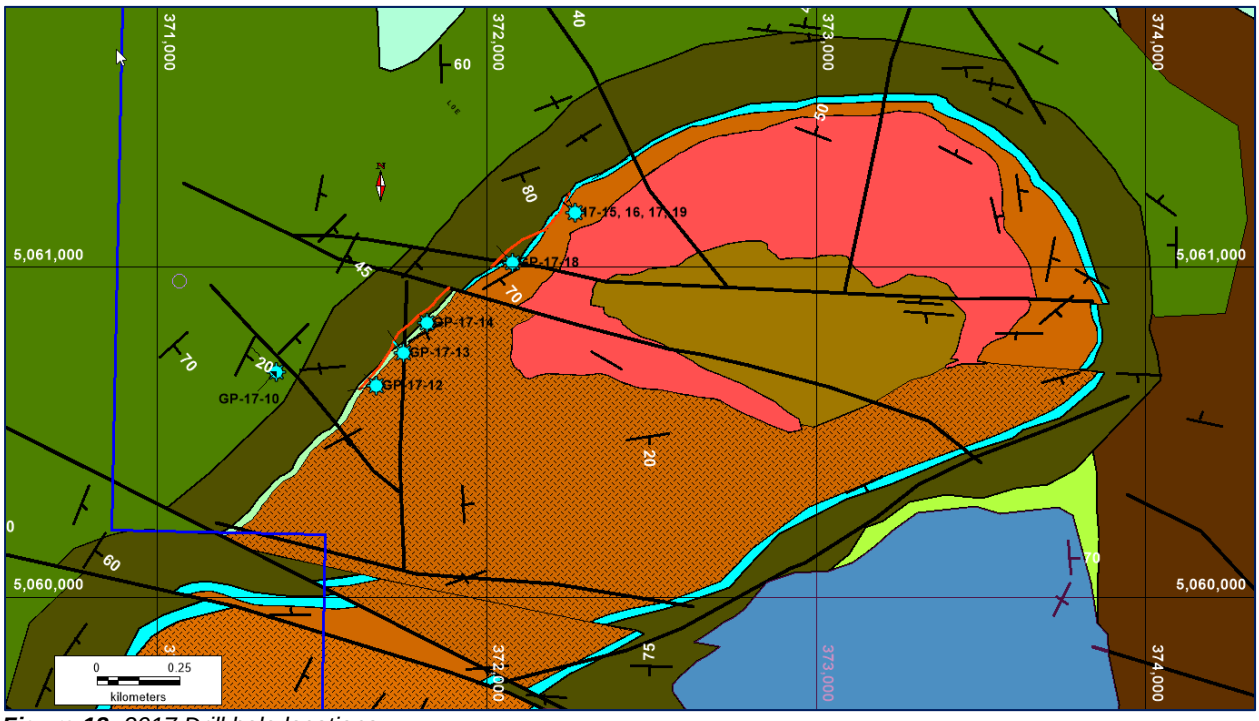

Figure 12: *2017 Drill hole locations.*

Figure 13: *Photograph or meta-pyroxenite horizon GP-17-7 (M. Gauthier).*

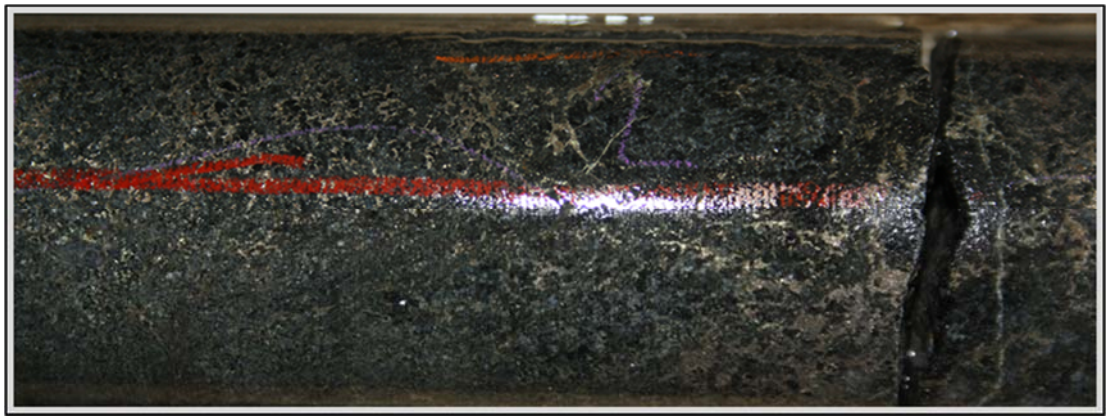

Figure 14: *Meta-pyroxenite with net textured pyrrhotite and chalcopyrite from the meta-pyroxenite horizon at the Meilleur showing (GPd-15-01).*

Table 8: *Drill hole information and results summary.*

True widths are estimated to be no less than 90% of the drilled widths except for GPd-17-16 (85%), GPd-17-17 (75%), GPd-17-12 and 19 (55%).

Hole Name (Depth m)	Azimuth/ Dip (degrees)	From (m)	To (m)	Drilled Width (m)	Pd (g/t)	Pt (g/t)	Au (g/t)	Pd+Pt +Au (g/t)	Cu %	Ni %	Horizon
GPd-17-10 (148 m)	317/-45	113.36	119.85	6.49	No significant results. Drilled outside of the OLC. Intersected disseminated and stringer pyrite with weakly anomalous copper and zinc values in meta-sedimentary and meta-volcanic rocks.						
GPd-17-11 (69 m)	320/-45	24.70	25.70	1.00	0.01	0.01	0.01	0.03	0.02	Nil	GPd
	and	26.50	29.00	2.50	0.10	0.03	0.02	0.15	0.21	0.02	GPd
	including	27.50	28.00	0.50	0.22	0.06	0.04	0.32	0.43	0.04	
GPd-17-12 (123.6 m)	258/-45	28.20	31.33	3.13	0.02	0.01	0.01	0.04	0.08	Nil	GPd
	including	28.63	28.80	0.17	0.05	0.01	0.02	0.08	0.53	Nil	
GPd-17-13 (114 m)	320/-45	46.80	47.40	0.60	0.07	0.02	0.02	0.11	0.11	0.02	GPd
GPd-17-14 (47.7 m)	317/-45	35.00	38.47	3.47	0.03	0.01	0.01	0.05	0.04	Nil	GPd
	including	37.41	38.47	1.06	0.07	0.02	0.01	0.10	0.05	0.01	
GPd-17-15 (60 m)	310/-40	42.00	46.31	4.31	0.02	0.01	0.01	0.04	0.06	Nil	GPd
	and	54.75	57.25	2.50	0.28	0.04	0.02	0.34	0.47	0.05	GPd
	including	55.58	56.43	0.85	0.61	0.06	0.04	0.71	1.22	0.13	
GPd-17-16 (87 m)	315/-50	52.67	54.82	2.15	0.10	0.02	0.02	0.14	0.19	0.02	GPd
	including	53.95	54.47	0.52	0.30	0.03	0.05	0.38	0.52	0.05	
	and	59.11	60.70	1.59	0.22	0.04	0.01	0.27	0.17	0.05	GPd
	including	59.60	59.93	0.33	0.55	0.05	0.03	0.63	0.04	0.01	
	and	70.64	71.68	1.04	0.04	Nil	Nil	0.04	0.20	0.01	
GPd-17-17 (96 m)	310/-60	66.20	74.13	7.93	0.29	0.03	0.03	0.35	0.45	0.07	GPd
	Including	66.20	69.00	2.80	0.54	0.04	0.03	0.61	0.73	0.14	
	and including	73.75	74.13	0.38	0.60	0.02	0.14	0.76	1.51	0.60	
GPd-17-18 (96 m)	317/-45	70.20	71.86	1.66	0.02	0.02	Nil	0.04	0.02	Nil	GPd
	including	70.79	71.38	0.59	0.04	0.01	Nil	0.04	0.02	Nil	
GPd-17-19 (123 m)	335/-58	63.55	63.80	0.25	0.09	0.02	0.05	0.16	0.36	0.01	GPd

Table 9: *2017 drill hole location information.*

HOLE-ID	LOCATIONX	LOCATIONY	LOCATIONZ	LENGTH (m)	COLLAR AZ	COLLAR DIP	COMPANY	DECLIN	CONTRACTOR	CORE_SIZE
GP-17-10	371358.90	5060682.65	159.00	148.50	317.00	-45.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-11	371664.00	5060642.00	167.00	69.00	320.00	-45.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-12	371664.00	5060642.00	167.00	123.60	255.00	-45.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-13	371747.00	5060741.00	166.00	114.00	320.00	-45.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-14	371819.00	5060832.00	169.50	48.00	317.00	-45.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-15	372268.00	5061165.00	169.50	60.00	315.00	-38.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-16	372268.00	5061165.00	169.50	87.00	315.00	-50.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-17	372268.00	5061165.00	169.50	96.00	315.00	-60.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-18	372077.00	5061014.00	161.60	96.00	317.00	-45.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
GP-17-19	372268.00	5061165.00	169.50	123.00	335.00	-58.00	Sphinx Resources Ltd.	-14.00	Forage G4	NQ
		Total Metres:		965.10						

Table 10: *Mineralization, estimated rock properties and geophysical response in rocks observed on the Project.*

Rock Type		Mineralization	Sulphide Minerals	Abundance	Conductance	Magnetic response (Magnetic susceptibility)	Systems
Meta-Gabbro Meta - pyroxenite		Disseminated sulphides	Po+Cpy±Py	Locally abundant with development in/near meta-pyroxenite	Very weak	moderate	IP
		Net-Textured ± magnetite	Po+Cpy±Py	Very locally developed in and near meta-pyroxenite layer	Very weak		IP
Meta-Pyroxenite and local gabbro		Semi massive – massive stringers and blebs	Po+Py+Cpy	Meilleur showing area	Strong top very strong	moderate	IP
Monzonite-monzodiorite		Disseminated and blebby magnetite	Mt	GP-15-04	None	Strong	magnetometer
Meta-Sedimentary rocks		Disseminated to heavy disseminated sulphides	Py+Po	Very abundant along certain horizons and in GP-17-10	Moderate	Moderate	TDEM-mag
Meta-volcanic rocks		Disseminated sulphides	Py+Po	Localized, possible horizons	Weak to moderate	Weak to moderate	PP

Lithogeochemistry

A total of 13 core samples were collected for lithogeochemical analyses along with 5 representative samples of the Chenaux Gabbro for comparison purposes (**Appendix IV**). **Figure 15** shows a comparison of normalized spider diagrams plotted separately for the Cheneax Gabbro, OLC and rocks (amphibolite and gneisses) related to the meta-volcanic sequences that host the New Calumet mine. Major and trace element are plotted in **Figure 16**. These data show a general relationship between the rocks as described.

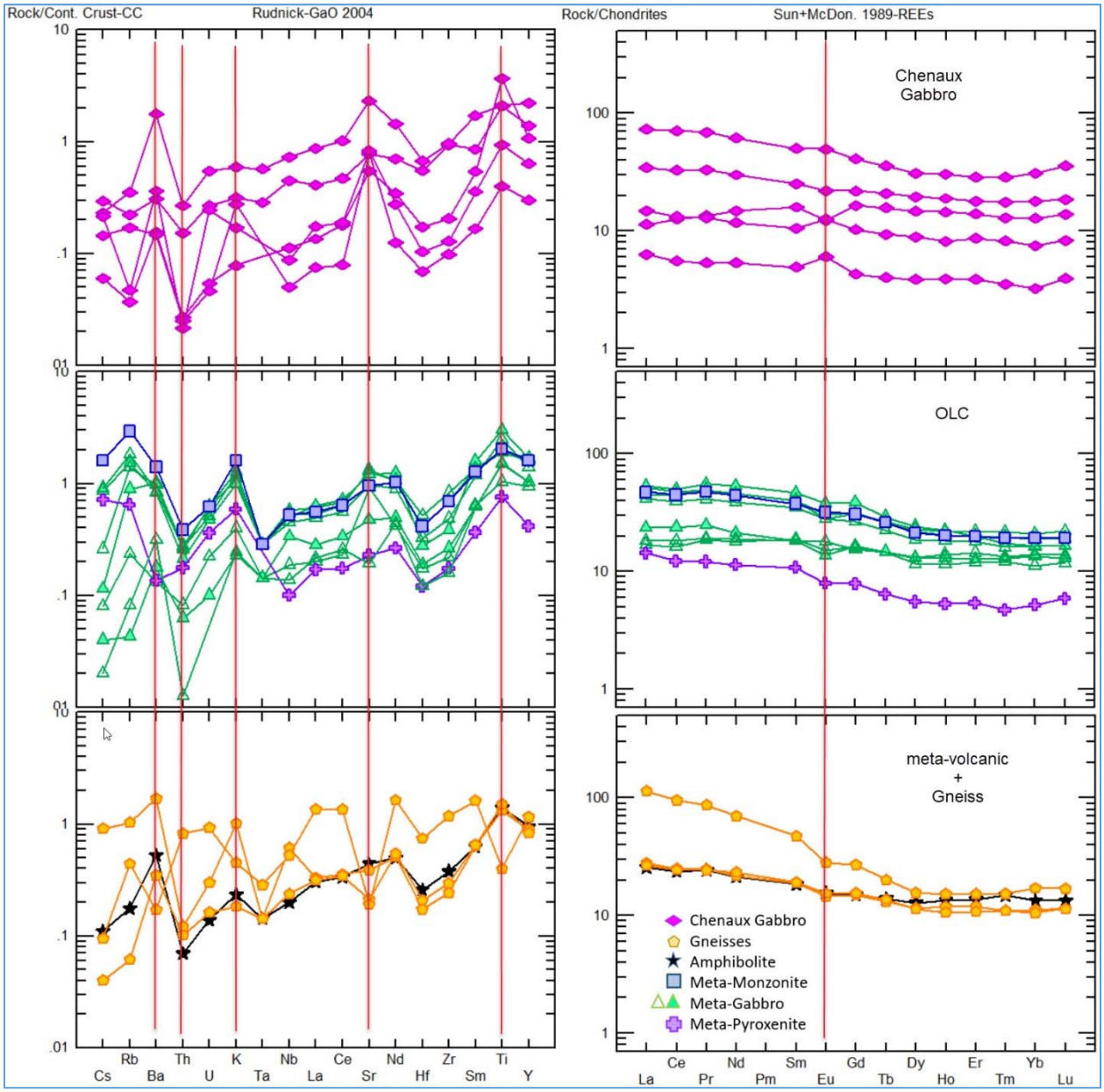

Figure 15: *Spider crustal normalized and chondrite normalized plots after Rudnick and GaO (2003) and Sun and McDonough (1989).*

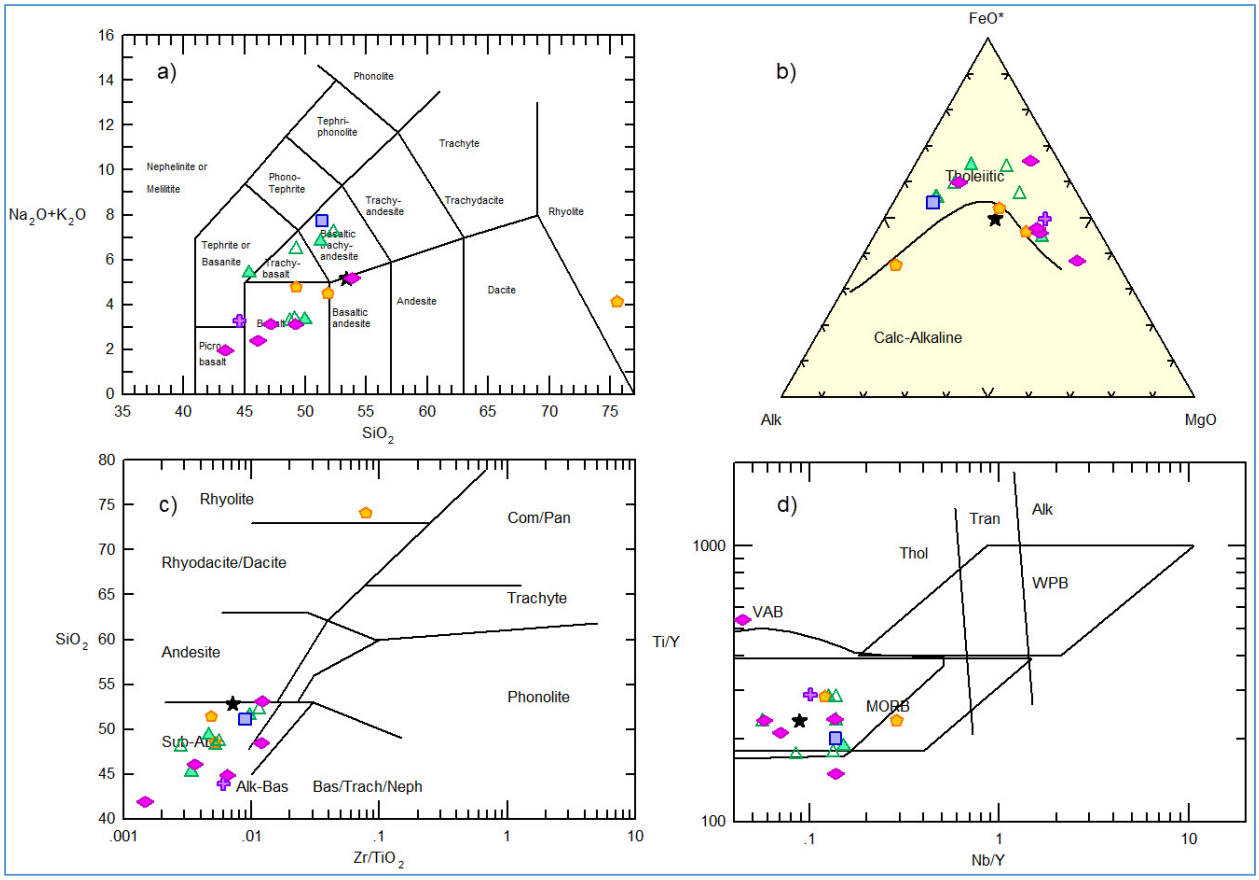

Figure 16: *Major and trace element plots of the Cheneaux Gabbro, OLC and the meta-volcanic suite after a) Le Maitre (2002), b) Winchester and Floyd (1977), c) Irving and Baragar (1971), and d) Pearce (1982)*

Exploration Targets.

Following on the 2016 HeliTEM survey and work on the project completed to date, seven primary target areas are identified in **Table 10** and **Figure 17**. Grouping is based on metallogenic association. Drilling should be considered as a primary tool.

The physical properties of the mineralizing styles targeted for exploration require a different geophysical approach for each type. Magmatic sulphide targets require specialized geophysical consideration due to very high conductivity expected for massive sulphides and the difficulty imaging disseminated sulphides. The OLC is genetically conducive to disseminated sulphide mineralization and less so to massive magmatic sulphide development under traditional concepts related to layered systems and ultramafic feeder-chamber systems. Coarse, blebby sulphides encountered in DDHs 17-15, 16 and 17 suggest that selected TEM may be tried in a particularly well mineralized area regardless of genetic models.

VMS generally are much less conductive. Carbonate hosted zinc can be poorly conductive to non-conductive. Programs have been constructed on these targets (**Figure 17**) with this consideration.

In addition, the interpretation of the magnetic survey data suggests the following in relation to PGE potential on the two projects:

1) the extension to the southwest onto the Calumet-Sud project of the platinum group elements-bearing 'reef' discovered by Sphinx on its Green Palladium project and hosted in the OLC (see Sphinx's press release dated June 18, 2015); and

2) the presence of four kilometric scale target zones within the complex, appear to define two or possibly three potential horizons of interest for PGE which are open in all directions. The complex is covered by both the Green Palladium and Calumet-Sud projects.

Table 11: *Targets.*

Target	Historical Drilling	Target	Commodity	Description
TG-1	yes	Meilleur Reef	Pd-Cu-Pt-Au in Reef	1. Step-out drilling down dip and along strike – 3 holes
TG-2	No	Meilleur Reef continuation	Pd-Cu-Pt-Au in Reef	Prospect and drill continuation of reef trend to the NE and investigate HeliTEM EM responses in the NE of the OLC. 1. Extend IP coverage on tight lines (100m) over the northern portion of the OLC to target disseminated Pd-bearing sulphide mineralization. Lines to be perpendicular to reef trend. 2. Extend ground mag coverage on tight lines (100m) over the northern portion of the OLC to target disseminated Pd-bearing sulphide mineralization. Lines to be perpendicular to reef trend. 3. Drilling – 2 holes 4. Selected application of time domain EM designed to test for massive sulphide mineralization.
TG-3	No	VMS	Zn-Pb-Ag-Au	Complete an EM survey over TG-3 to follow up HeliTEM Mag with soil geochemistry. Drill test – 1 hole.
TG-4	Yes	VMS	Zn-Pb-Ag-Au	Complete a TEM survey over TG-4 to follow up HeliTEM Mag with soil geochemistry. Drill test.
TG-5	No	VMS	Zn-Pb-Ag-Au	prospect/map and complete soil program,
TG-6	No	VMS	Zn-Pb-Ag-Au	Prospect. Complete a TEM survey over TG-3, TG-4 and TG-6 to follow up HeliTEM Mag. Drill test.
TG-7	No	Carbonate-hosted.	Zn-Pb	Prospect, map and complete soil program where viable.

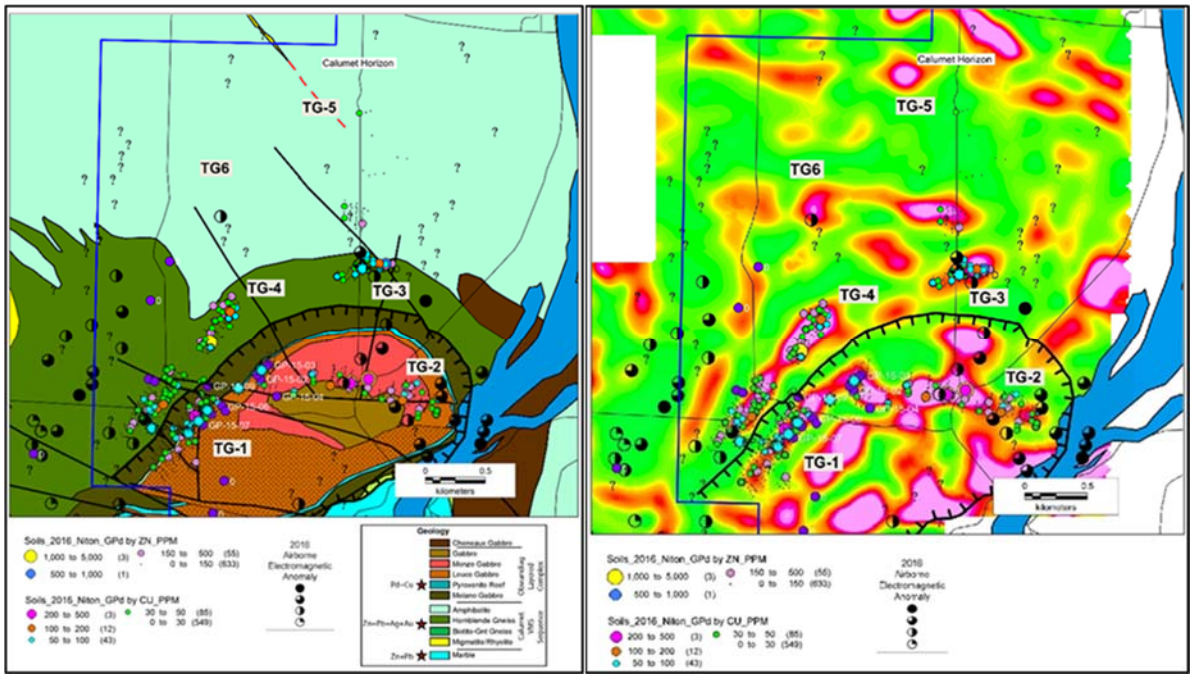

Figure 17: *Exploration targets. EM and magnetics and as mapped by the 2014 VTEM survey.*

Proposed exploration program

Project		
		Total
TG-1		$ 126,033
TG-2		$ 141,616
TG-3		$ 88,550
TG-4		$ 53,537
TG-5		$ 9,075
TG-6		$ 21,778
TG-7		$ 14,411
Total		**$ 455,000**
Contingency (10%) - **included in above totals**		$ 41,364

Conclusions

The original Green Palladium discovery horizon, which returned 3.44 g/t Pd+Pt+Au (Pd 2.46 g/t, Pt 0.23 g/t, Au 0.25 g/t) over 40 cm (true width could not be determined) in drill hole GPd-15-01 (see Sphinx's press release of June 18, 2015) is now extended over a strike length of 800 metres. A new second target area has been identified 250 m northwest of the original Green Palladium PGE reef discovery. Exploration potential for both carbonate-hosted and VMS-related base metal mineralization is good based on rock types and mineralization observed to date.

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Authors Certificate

I, **Robin Adair (P. Geol., géo)** do hereby certify that:

1. I am President of:

Zorayda Consulting Ltd.
52 Lexington Lane
Fredericton New Brunswick
E3A5S6

2. I graduated with a degree in Science, Specialization Geology (B.Sc.) from the University of Alberta in 1983. In addition, I have obtained a Master of Science degree (M.Sc.) in geology from the University of Alberta in 1986.

3. I am a member of the Association of Professional Engineers and Geoscientists of New Brunswick (APEGNB) and l' Ordre des géologues du Québec (OGQ).

4. I have worked as a geologist for a total of 33 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for the preparation of the report titled "Report of Work 2016 – 2017 Project Green Palladium Property Sphinx Resources Ltd." and dated March 23, 2018 (the "Report") relating to Sphinx Resources Ltd.'s Green Palladium Property. I was present on the Property in April and May 2017 as well as various visits in 2016 and 2014. In the preparation of the Report, I am relying on geophysical and soil geochemical information provided to me by Sphinx Resources Ltd.

7. I have no prior involvement with the property that is the subject of the Report.

8. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, the omission to disclose which makes the Report misleading.

9. I am not independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101 as I am a shareholder of Sphinx Resources Ltd.

10. I have read National Instrument 43-101 and Form 43-101F1. This report is prepared only for the purpose of filing a description of assessment work conducted on the property with the Ministère of Energy and Natural Resources of the Province of Québec. Every effort has been made to ensure that this document meets statutory assessment work reporting standards. This report is not compliant with National Instrument 43-101 specifications and nor is it intended for any other use than filing of work assessment.

11. I consent to use of this report by Sphinx Resources Ltd. and to the filing of the Report with the Ministère of Energy and Natural Resources of the Province of Québec and any publication by them for regulatory purposes, including electronic publication in the public domain.

Dated this March 23rd, 2018.

GÉOLOGUE / GEOLOGIST
ROBIN ADAIR # 1220
QUÉBEC

REGISTERED PROFESSIONAL GEOSCIENTIST
Province of New Brunswick
M7519
Robin N. Adair
Signature
March 23/18
Date
Province du Nouveau-Brunswick
GÉOSCIENTIFIQUE IMMATRICULÉ

Robin N. Adair (P. Geol., géo)

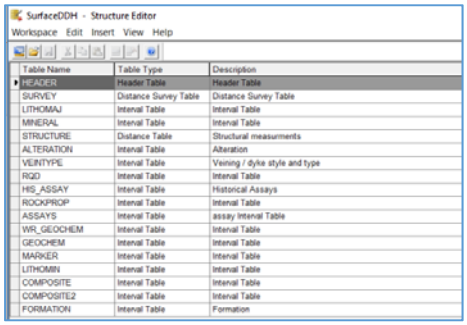
Zorayda Consulting Ltd.

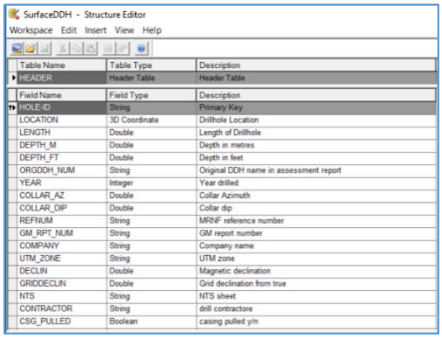
Appendix I: Mineral titles – Green Palladium Project.

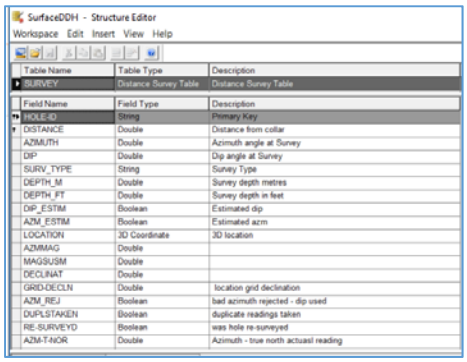
PROJET	NOCLAIM	TITRE	SNRC	DETENTEUR	NSR
Green Palladium	2402118	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402119	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402120	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402121	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402122	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402123	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402124	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402125	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402169	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2402171	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (Amixam)
Green Palladium	2416093	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416094	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416095	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416096	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416097	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416098	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416099	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416100	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416101	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416102	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416103	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416104	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416105	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416106	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416107	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416108	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416109	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416110	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416114	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416115	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416117	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2416118	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421766	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421767	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421768	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421769	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421770	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421771	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2421772	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422560	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422568	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422569	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422573	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422574	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422575	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422576	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422579	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422580	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422581	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422582	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422585	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422586	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422780	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422781	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422782	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422783	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422784	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422785	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422787	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422788	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2422791	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin

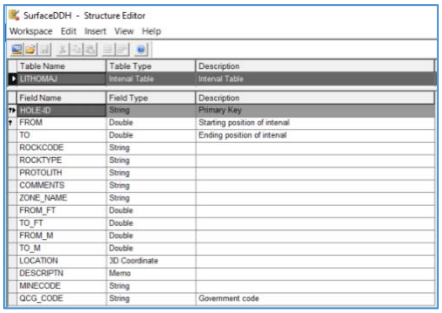
PROJET	NOCLAIM	TITRE	SNRC	DETENTEUR	NSR
Green Palladium	2423138	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2423139	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2423140	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2423141	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin
Green Palladium	2424805	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2424806	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2426880	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2426881	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2426882	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2427954	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2427955	CDC	31 F/10	Ressources Sphinx Ltée (100%)	2% Gardin (pending)
Green Palladium	2431619	CDC	31 F/10	Ressources Sphinx Ltée (100%)	
Green Palladium	2432950	CDC	31 F/10	Ressources Sphinx Ltée (100%)	

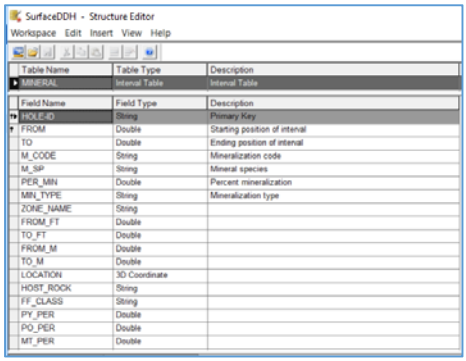
Appendix II: Drill hole database structure developed for the Project.

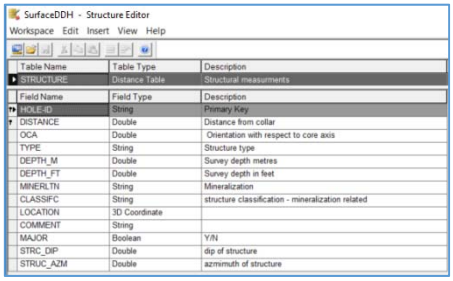


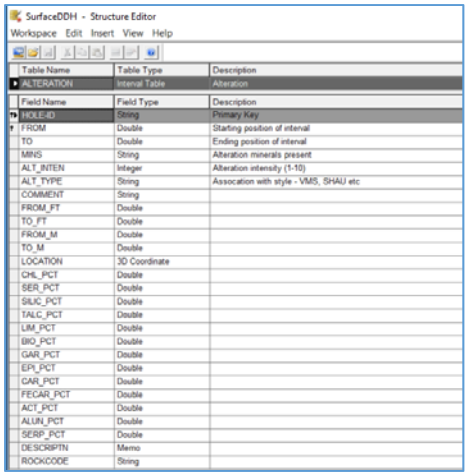












SurfaceDDH - Structure Editor

Workspace Edit Insert View Help

Table Name	Table Type	Description
ALTERATION	Interval Table	Alteration

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
MINS	String	Alteration minerals present
ALT_INTEN	Integer	Alteration intensity (1-10)
ALT_TYPE	String	Assocation with style - VMS, SHAU etc
COMMENT	String	
FROM_FT	Double	
TO_FT	Double	
FROM_M	Double	
TO_M	Double	
LOCATION	3D Coordinate	
CHL_PCT	Double	
SER_PCT	Double	
SILIC_PCT	Double	
TALC_PCT	Double	
LIM_PCT	Double	
BIO_PCT	Double	
GAR_PCT	Double	
EPI_PCT	Double	
CAR_PCT	Double	
FECAR_PCT	Double	
ACT_PCT	Double	
ALUN_PCT	Double	
SERP_PCT	Double	
DESCRIPTN	Memo	
ROCKCODE	String	

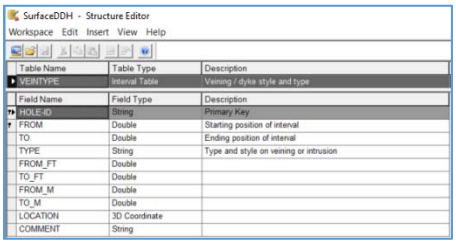


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Table Name	Table Type	Description
VEINTYPE	Interval Table	Veining / dyke style and type

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
TYPE	String	Type and style on veining or intrusion
FROM_FT	Double	
TO_FT	Double	
FROM_M	Double	
TO_M	Double	
LOCATION	3D Coordinate	
COMMENT	String	

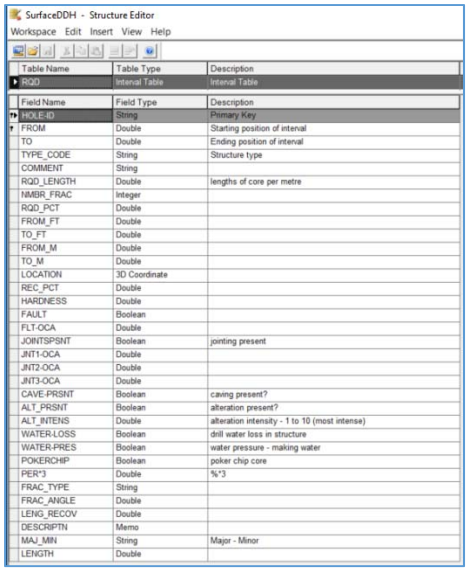

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Table Name	Table Type	Description
RQD	Interval Table	Interval Table

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
TYPE_CODE	String	Structure type
COMMENT	String	
RQD_LENGTH	Double	lengths of core per metre
NMBR_FRAC	Integer	
RQD_PCT	Double	
FROM_FT	Double	
TO_FT	Double	
FROM_M	Double	
TO_M	Double	
LOCATION	3D Coordinate	
REC_PCT	Double	
HARDNESS	Double	
FAULT	Boolean	
FLT-OCA	Double	
JOINTSPSNT	Boolean	jointing present
JNT1-OCA	Double	
JNT2-OCA	Double	
JNT3-OCA	Double	
CAVE-PRSNT	Boolean	caving present?
ALT_PRSNT	Boolean	alteration present?
ALT_INTENS	Double	alteration intensity - 1 to 10 (most intense)
WATER-LOSS	Boolean	drill water loss in structure
WATER-PRES	Boolean	water pressure - making water
POKERCHIP	Boolean	poker chip core
PER*3	Double	%*3
FRAC_TYPE	String	
FRAC_ANGLE	Double	
LENG_RECOV	Double	
DESCRIPTN	Memo	
MAJ_MIN	String	Major - Minor
LENGTH	Double	

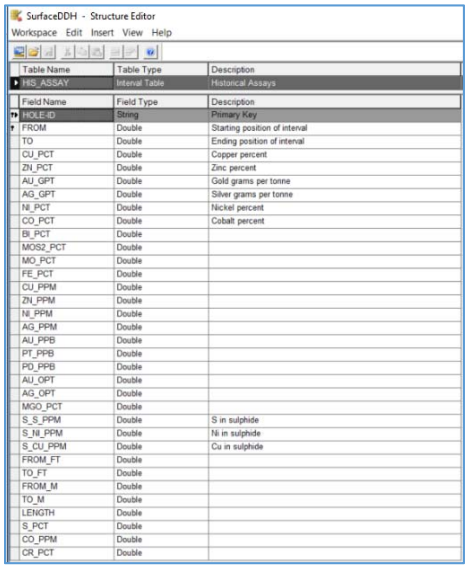

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Table Name	Table Type	Description
HIS_ASSAY	Interval Table	Historical Assays

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
CU_PCT	Double	Copper percent
ZN_PCT	Double	Zinc percent
AU_GPT	Double	Gold grams per tonne
AG_GPT	Double	Silver grams per tonne
NI_PCT	Double	Nickel percent
CO_PCT	Double	Cobalt percent
BI_PCT	Double	
MOS2_PCT	Double	
MO_PCT	Double	
FE_PCT	Double	
CU_PPM	Double	
ZN_PPM	Double	
NI_PPM	Double	
AG_PPM	Double	
AU_PPB	Double	
PT_PPB	Double	
PD_PPB	Double	
AU_OPT	Double	
AG_OPT	Double	
MGO_PCT	Double	
S_S_PPM	Double	S in sulphide
S_NI_PPM	Double	Ni in sulphide
S_CU_PPM	Double	Cu in sulphide
FROM_FT	Double	
TO_FT	Double	
FROM_M	Double	
TO_M	Double	
LENGTH	Double	
S_PCT	Double	
CO_PPM	Double	
CR_PCT	Double	

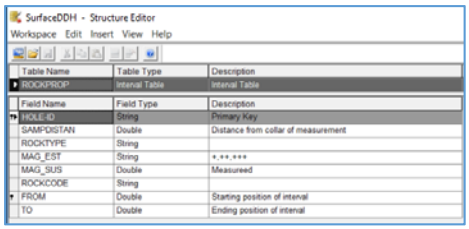

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Table Name	Table Type	Description
ROCKPROP	Interval Table	Interval Table

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
SAMPDISTAN	Double	Distance from collar of measurement
ROCKTYPE	String	
MAG_EST	String	*.**.***
MAG_SUS	Double	Measureed
ROCKCODE	String	
FROM	Double	Starting position of interval
TO	Double	Ending position of interval

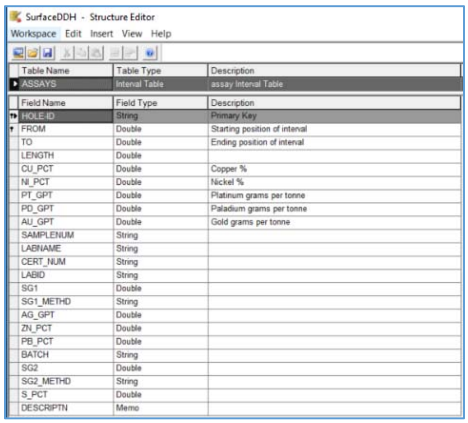

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Table Name	Table Type	Description
ASSAYS	Interval Table	assay Interval Table

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
LENGTH	Double	
CU_PCT	Double	Copper %
NI_PCT	Double	Nickel %
PT_GPT	Double	Platinum grams per tonne
PD_GPT	Double	Paladium grams per tonne
AU_GPT	Double	Gold grams per tonne
SAMPLENUM	String	
LABNAME	String	
CERT_NUM	String	
LABID	String	
SG1	Double	
SG1_METHD	String	
AG_GPT	Double	
ZN_PCT	Double	
PB_PCT	Double	
BATCH	String	
SG2	Double	
SG2_METHD	String	
S_PCT	Double	
DESCRIPTN	Memo	

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Workspace Edit Insert View Help

Table Name	Table Type	Description
WR_GEOCHEM	Interval Table	Interval Table

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
SAMPLETYPE	String	
SAMP_NUM	String	
LAB	String	
FIELD_NUM	String	
ROCKTYPE	String	
ALTERATION	String	
ANALYTYPE	String	
AL2O3_PER	Double	
CAO_PER	Double	
CR2O3_PER	Double	
FE2O3_PER	Double	
K2O_PER	Double	
MGO_PER	Double	
MNO_PER	Double	
NA2O_PER	Double	
P2O5_PER	Double	
SIO2_PER	Double	
TIO2_PER	Double	
FEO_PER	Double	
LOI_PER	Double	
SO3_PER	Double	
BAO_PER	Double	
SRO_PER	Double	
CO2_PER	Double	
H2O_PER	Double	
TOTAL	Double	
BA_PPM	Double	
RB_PPM	Double	
SR_PPM	Double	
NB_PPM	Double	
ZR_PPM	Double	
V_PPM	Double	
S_PER	Double	
CE_PPM	Double	
DY_PPM	Double	
ER_PPM	Double	
EU_PPM	Double	
GD_PPM	Double	
HO_PPM	Double	
LA_PPM	Double	
LU_PPM	Double	
ND_PPM	Double	
PR_PPM	Double	
SM_PPM	Double	
TB_PPM	Double	
TH_PPM	Double	
TM_PPM	Double	
U_PPM	Double	
COMMENT	String	
ROCKCODE	String	

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Workspace Edit Insert View Help

Table Name	Table Type	Description
GEOCHEM	Interval Table	Interval Table

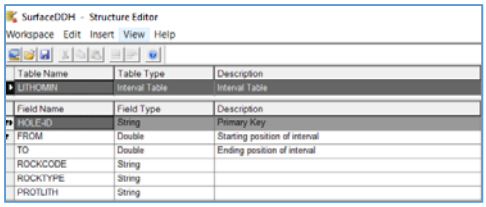
Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
LAB	String	
SAMPLETYPE	String	
SAMP_NUM	String	
FIELD_NUM	String	
ROCKTYPE	String	
ROCKCODE	String	
ALTERATION	String	
ANALYTYPE	String	
AG_PPM	Double	
AL_PCT	Double	
AS_PPM	Double	
BA_PPM	Double	
BE_PPM	Double	
BI_PPM	Double	
CA_PCT	Double	
CD_PPM	Double	
CO_PPM	Double	
CR_PPM	Double	
CU_PPM	Double	
FE_PCT	Double	
GA_PPM	Double	
HG_PPM	Double	
K_PCT	Double	
LA_PPM	Double	
MG_PCT	Double	
MN_PPM	Double	
MO_PPM	Double	
NA_PCT	Double	
NI_PPM	Double	
P_PPM	Double	
PB_PPM	Double	
SB_PPM	Double	
SC_PPM	Double	
SR_PPM	Double	
TI_PCT	Double	
TL_PPM	Double	
U_PPM	Double	
V_PPM	Double	
W_PPM	Double	
ZN_PPM	Double	
Y_PPM	Double	
SN_PPM	Double	
ZR_PPM	Double	
B_PPM	Double	
AU_PPM	Double	
PD_PPM	Double	
PT_PPM	Double	

SurfaceDDH - Structure Editor

Workspace Edit Insert View Help

Table Name	Table Type	Description
MARKER	Interval Table	Interval Table

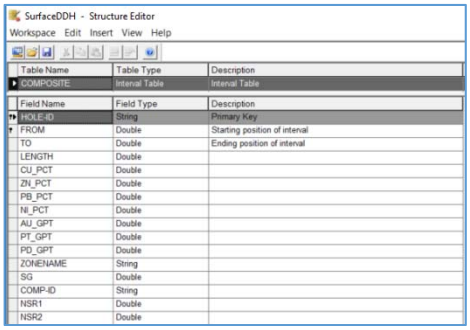
Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
ZONENAME	String	Zone name
LENSNAME	String	Lens name
ROCKTYPE	String	Rock type present in marker interval
HORIZON	String	Marker horizon name
STRUCTSTEP	Double	structural block or step
MINSPECIES	String	mineral species present
HOSTROCK	String	Rock hosting mineralization
MIN_TYPE	String	mineral type, DS=disseminated, SS- stringer etc.
ZN_PCT	Double	composite from assays
CU_PCT	Double	composite from assays
NI_PCT	Double	composite from assays
PB_PCT	Double	composite from assays
AU_GPT	Double	composite from assays
AG_GPT	Double	composite from assays
PT_GPT	Double	composite from assays
PD_GPT	Double	composite from assays
FW-RTYPE	String	footwall rock type
HW-RTYPE	String	hw rock type
FW-ALT	String	fw alteration
HW-ALT	String	hw alteration
FW-MIN	String	fw mineralization
HW-MIN	String	hw mineralization
INT_INDEX	Double	intrusion index
FLT_INDEX	Double	fault index
FAB_INDEX	Double	fabrick index
TRUE_DIP	Double	true dip
TRUE_THICK	Double	true thickness
ZONE_AZMT	Double	zone azimuth (true)
LENGTH	Double	interval length
A_ANGLE	Double	alpha angle wrt CA
DATA_POINT	Boolean	valid data point
FROM_FT	Double	
TO_FT	Double	
COMP-ID	String	
INT_PROX	Double	Intrusion proximity


SurfaceDDH - Structure Editor

Workspace Edit Insert View Help

Table Name	Table Type	Description
LITHOMIN	Interval Table	Interval Table

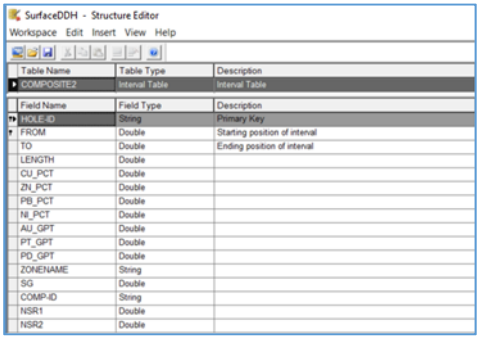
Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
ROCKCODE	String	
ROCKTYPE	String	
PROTLITH	String	


SurfaceDDH - Structure Editor

Workspace Edit Insert View Help

Table Name	Table Type	Description
COMPOSITE	Interval Table	Interval Table

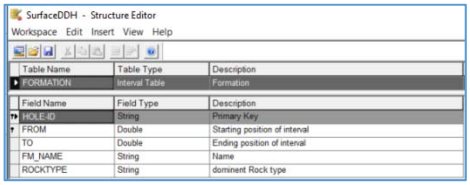
Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
LENGTH	Double	
CU_PCT	Double	
ZN_PCT	Double	
PB_PCT	Double	
NI_PCT	Double	
AU_GPT	Double	
PT_GPT	Double	
PD_GPT	Double	
ZONENAME	String	
SG	Double	
COMP-ID	String	
NSR1	Double	
NSR2	Double	


SurfaceDDH - Structure Editor

Workspace Edit Insert View Help

Table Name	Table Type	Description
COMPOSITE2	Interval Table	Interval Table

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
LENGTH	Double	
CU_PCT	Double	
ZN_PCT	Double	
PB_PCT	Double	
NI_PCT	Double	
AU_GPT	Double	
PT_GPT	Double	
PD_GPT	Double	
ZONENAME	String	
SG	Double	
COMP-ID	String	
NSR1	Double	
NSR2	Double	


SurfaceDDH - Structure Editor

Workspace Edit Insert View Help

Table Name	Table Type	Description
FORMATION	Interval Table	Formation

Field Name	Field Type	Description
HOLE-ID	String	Primary Key
FROM	Double	Starting position of interval
TO	Double	Ending position of interval
FM_NAME	String	Name
ROCKTYPE	String	dominent Rock type

Appendix III: PXRF Soil Data

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18001	373121	5062516	Surface	61	7236	13300	2284	96	92	308	30400	1	1	27	79	-	-	-	-	-	1	1	1	4	1
18002	373149	5062495	Surface	61.8	9341	13000	3166	126	97	273	38400	1	1	1	98	-	-	-	-	-	1	35	1	1	1
18003	373104	5062411	Surface	61.6	6970	10300	3310	167	115	559	46500	1	1	1	75	-	-	-	-	-	1	36	1	1	1
18004	373118	5062376	Surface	62.3	6821	10300	2730	102	118	219	38800	1	1	13	85	-	-	-	-	-	1	1	5	1	1
18005	372990	5062328	Surface	62	6395	10200	2791	116	113	280	38400	1	1	1	84	-	-	-	-	-	1	63	1	1	1
18006	373078	5062198	Surface	66.4	5724	10700	2441	104	164	229	40100	1	1	15	88	-	-	-	-	-	1	1	1	5	1
18007	373040	5061958	Surface	69.6	8642	16600	3178	153	128	738	47300	1	1	34	124	-	-	-	-	-	1	1	1	7	1
18008	373074	5061978	Surface	62.4	11500	15100	3208	141	115	530	35900	1	1	25	100	-	-	-	-	-	1	1	4	1	1
18009	373061	5061660	Surface	60.7	6388	11700	2188	102	126	334	42500	1	1	22	66	-	-	-	-	-	1	1	1	6	1
18010	373077	5063299	Surface	60.8	4271	19800	2711	150	133	938	56900	1	1	47	74	-	-	-	-	-	1	53	1	1	1
18011	373171	5063316	Surface	61.5	3499	15400	2473	141	188	509	57800	1	1	1	68	-	-	-	-	-	1	1	1	1	1
18012	373132	5063304	Surface	61.3	2169	12300	2359	162	145	489	60000	1	1	1	39	-	-	-	-	-	1	1	1	1	1
18013	373472	5062921	Surface	61.5	8896	13400	3097	110	144	526	49100	1	1	1	139	-	-	-	-	-	1	1	1	5	1
18014	373394	5062933	Surface	60.7	7798	10800	2310	128	110	357	35700	109	1	1	69	-	-	-	-	-	1	1	1	1	1
18015	373183	5063113	Surface	61.2	9449	13000	2541	91	112	352	33800	1	1	1	71						1	1	1	1	1
18016	373107	5062824	Surface	60.9	7455	14700	2913	103	103	642	42300	1	1	1	102	-	-	-	-	-	1	1	1	1	1
18017	373160	5062783	Surface	62.3	7654	16200	2718	157	150	521	47300	1	1	27	83	-	-	-	-	-	1	1	1	5	1
18018	373209	5062792	Surface	60.8	8167	11800	2410	91	111	241	31700	1	1	1	59	-	-	-	-	-	1	1	1	1	1
18019	373282	5062799	Surface	62	4602	7727	2080	125	70	214	41500	1	1	1	69	-	-	-	-	-	1	1	1	4	1
18020	371645	5060666	Surface	62.7	9228	13700	3154	167	154	256	40600	1	1	113	65	18	213	231	8	1	1	1	1	1	1
18021	371659	5060666	Surface	61.9	12300	16800	3674	155	133	499	42600	1	1	67	58	24	303	211	9	1	1	1	7	1	1
18022	371632	5060651	Surface	62	4320	26500	3816	302	465	972	78600	1	92	134	178	4	217	64	4	1	1	1	1	4	1
0	371632	5060651	Surface	61	3888	29200	3688	244	469	1040	76200	1	109	121	159	4	234	62	4	1	1	1	1	1	1
18023	371626	5060619	Surface	61.8	8912	12600	3039	130	105	101	33100	1	1	15	72	19	239	255	9	1	1	1	1	1	1
18024	371620	5060650	Surface	62.1	8542	16300	3245	166	105	435	46900	1	1	46	59	14	378	155	5	1	1	1	1	1	1
18025	371637	5060646	Surface	61.3	10800	14700	3056	139	123	316	37200	1	1	49	64	23	273	261	9	1	1	1	1	3	1
18026	371670	5060700	Surface	61.5	11200	15800	4068	133	129	636	41100	1	1	83	67	19	313	283	10	1	1	1	1	5	1
18027	371716	5060768	Surface	61.5	8335	20400	3815	130	134	528	54600	1	1	100	97	15	168	223	7	1	1	1	1	3	1
18028	371459	5060876	Surface	61.4	9666	16600	3308	156	112	1235	53600	1	1	27	107	19	200	224	8	1	1	1	1	5	1
18101	371765	5061071	Surface	61.4	5833	14200	2774	161	165	343	48600	1	1	47	94	-	-	-	-	-	1	1	1	1	1
18102	371787	5061087	Surface	61.3	10000	21400	2955	114	114	356	39700	1	1	43	102	-	-	-	-	-	1	1	1	1	1
18103	371826	5061045	Surface	61.8	9847	19100	3560	144	158	450	46600	1	1	1	138	-	-	-	-	-	1	1	1	1	1
18104	371838	5061033	Surface	61.1	10100	19300	3452	147	150	401	37800	1	1	1	119	-	-	-	-	-	1	1	1	3	1
18105	371853	5061018	Surface	61.1	7602	12900	3522	146	137	201	47800	1	1	1	65	-	-	-	-	-	1	1	1	1	1
18106	371864	5061091	Surface	6102	11600	13800	3832	166	82	693	40700	1	1	26	129	-	-	-	-	-	1	50	1	1	1
18107	371867	5060930	Surface	61.2	3351	6342	1323	58	68	1	29100	1	1	45	40	-	-	-	-	-	1	1	1	1	1
18108	371887	5060923	Surface	61.6	7709	18000	2761	101	83	587	40500	1	1	13	194	-	-	-	-	-	1	1	1	1	1
18109	371902	5060909	Surface	60.9	9092	16400	3128	117	131	437	45900	1	1	14	78	-	-	-	-	-	1	1	1	1	1
18110	371907	5060893	Surface	62.2	4564	20400	2757	155	177	826	58000	1	1	50	71	-	-	-	-	-	1	1	1	1	1
18111	371933	5060883	Surface	61.8	5148	21900	3302	175	226	602	60800	1	1	1	75	-	-	-	-	-	1	1	1	3	1
18112	371893	5060821	Surface	60.8	3817	19100	3375	204	198	670	67000	1	1	1	45	-	-	-	-	-	1	1	1	4	1
18113	371874	5060847	Surface	61.6	9268	13900	3330	119	171	593	48200	1	1	1	132	-	-	-	-	-	1	1	1	4	1
18114	371867	5060856	Surface	61.1	12700	16400	3189	139	104	492	39300	1	1	1	91	-	-	-	-	-	1	1	1	1	1
18115	371843	5060868	Surface	62	12100	16500	2962	158	113	415	37000	1	1	1	86	-	-	-	-	-	1	1	1	1	1
18116	371832	5060887	Surface	61.8	9984	18900	3302	158	170	810	47900	1	1	1	104	-	-	-	-	-	1	42	1	1	1
18117	371810	5060906	Surface	61.1	7767	16900	2798	127	115	450	42500	1	1	46	52	-	-	-	-	-	1	140	1	5	1
18118	371804	5060933	Surface	62.6	7378	10900	2302	91	71	182	31000	1	1	23	57	-	-	-	-	-	1	1	1	1	1
18119	371782	5060950	Surface	65.5	7596	11900	2945	132	131	194	46600	1	1	13	76	-	-	-	-	-	1	1	1	4	1
18120	371766	5060967	Surface	60.7	7562	13900	2936	187	173	3821	52100	1	1	49	275	-	-	-	-	-	1	1	1	6	1
18121	371680	5060899	Surface	61.5	10500	17200	3424	152	109	280	38100	1	1	1	68	-	-	-	-	-	1	39	1	5	1
18122	371696	5060884	Surface	62	10000	10500	3679	73	79	1	16200	1	1	1	19	-	-	-	-	-	1	1	1	5	1
18123	371718	5060866	Surface	61.1	8282	13600	3881	180	136	313	48000	1	1	1	96	-	-	-	-	-	1	1	1	5	1
18124	371732	5060856	Surface	62.4	9377	17900	3312	146	103	525	43300	1	1	1	101	-	-	-	-	-	1	1	1	4	1
18125	371779	5060826	Surface	64.6	6091	8616	1977	73	91	1	32800	1	1	20	27	-	-	-	-	-	1	1	1	5	1
18126	371769	5060813	Surface	61.4	10600	23000	7385	149	88	762	56500	1	1	22	84	-	-	-	-	-	1	1	1	6	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18127	371782	5060800	Surface	61.4	10300	12600	4220	74	91	146	29800	1	1	1	40	-	-	-	-	-	1	1	1	3	1
18128	371795	5060786	Surface	62.8	9306	13900	2709	101	77	128	35400	1	1	33	69	-	-	-	-	-	1	1	1	1	1
18129	371809	5060767	Surface	61.6	7449	14200	2422	96	92	62	33600	1	1	39	58	-	-	-	-	-	1	1	1	1	1
18130	371820	5060760	Surface	62.6	5387	11600	2087	117	158	1098	73700	1	1	1	78	-	-	-	-	-	1	1	1	4	1
18131	371839	5060742	Surface	62.6	5300	12200	2283	123	116	159	39700	1	1	1	46	-	-	-	-	-	1	1	1	1	1
18132	371761	5060664	Surface	64.1	9710	21400	3256	134	93	334	44600	1	1	1	68	-	-	-	-	-	1	1	1	1	1
18133	371748	5060675	Surface	62.2	10300	20700	3023	102	89	354	37400	1	1	1	68	-	-	-	-	-	1	1	7	1	1
18134	371730	5060699	Surface	61.5	18300	10000	3567	145	95	573	44100	1	1	14	54	-	-	-	-	-	1	1	1	5	1
18135	371715	5060712	Surface	61.8	7586	16400	2733	111	102	195	40200	1	1	17	61	-	-	-	-	-	1	1	1	4	1
18136	371698	5060730	Surface	61.8	9191	17200	4812	111	133	270	29600	1	1	1	41	-	-	-	-	-	1	1	1	1	1
18137	371703	5060737	Surface	62.3	8942	18400	3048	131	123	419	47400	1	1	51	92	-	-	-	-	-	1	1	1	5	1
18138	371691	5060757	Surface	62	6472	18200	3205	123	83	200	38800	1	1	1	62	-	-	-	-	-	1	1	1	3	1
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18142	371581	5060725	Surface	62.4	11300	21700	3428	137	137	535	39700	1	1	26	94	-	-	-	-	-	1	1	5	1	1
18143	371592	5060704	Surface	63	8040	18700	2529	101	70	241	36800	1	1	13	93	-	-	-	-	-	1	1	1	1	1
18144	371604	5060690	Surface	62.3	7448	22000	3441	159	138	526	47200	1	1	16	84	-	-	-	-	-	1	1	1	4	1
18145	371626	5060678	Surface	62.4	6559	15000	2475	79	83	72	38100	1	1	1	54	-	-	-	-	-	1	1	1	1	1
18146	371649	5060658	Surface	62.1	8485	18000	2659	127	147	261	35400	75	1	86	75	-	-	-	-	-	1	1	5	4	1
18147	371632	5060665	Surface	62	7701	17100	2617	129	114	160	38500	1	1	41	64	-	-	-	-	-	1	1	1	1	1
18148	371672	5060638	Surface	61.6	8265	23800	3025	154	149	548	47800	1	1	25	82	-	-	-	-	-	1	1	1	5	1
18149	371677	5060627	Surface	62.4	9492	17700	4039	86	90	518	43700	1	1	1	79	-	-	-	-	-	1	35	1	5	1
18150	371692	5060611	Surface	62	9366	21500	3444	207	145	487	40900	1	1	20	76	-	-	-	-	-	1	1	1	3	1
18151	371701	5060600	Surface	65.6	10600	15600	3523	58	39	1	17000	1	1	1	34	-	-	-	-	-	1	1	1	4	1
18152	371718	5060575	Surface	62.1	4293	10700	3611	215	190	2470	74100	1	1	32	240	-	-	-	-	-	1	1	5	3	1
18153	371630	5060504	Surface	62.1	8940	19000	3235	91	43	230	27600	1	1	1	60	-	-	-	-	-	1	1	1	8	1
18154	371630	5060524	Surface	62.1	10600	16700	3626	120	105	213	35600	1	1	1	105	-	-	-	-	-	1	1	1	1	1
18155	371616	5060540	Surface	61.6	8257	19600	2894	116	108	352	40100	1	1	1	87	-	-	-	-	-	1	1	1	4	1
18156	371603	5060551	Surface	61.8	8756	16400	2935	99	73	189	31900	1	1	1	133	-	-	-	-	-	1	1	1	1	1
18157	371592	5060570	Surface	64.3	10000	18800	3294	134	91	251	34200	1	1	1	88	-	-	-	-	-	1	1	1	4	1
18158	371575	5060588	Surface	61.6	13400	21200	3410	115	114	355	32100	1	1	1	75	-	-	-	-	-	1	1	1	1	1
18159	371558	5060602	Surface	60.8	7710	17500	2552	134	124	188	37100	1	1	81	86	-	-	-	-	-	1	1	1	1	1
18160	371545	5060618	Surface	62.2	7698	16900	2737	102	92	182	41300	1	1	1	106	-	-	-	-	-	1	1	1	1	1
18161	371529	5060633	Surface	62.5	2600	39100	2207	223	249	839	67900	1	1	31	94	-	-	-	-	-	1	1	1	6	1
18162	371512	5060642	Surface	61.7	8238	17800	2785	134	98	270	41600	1	1	23	69	-	-	-	-	-	1	46	1	1	1
18163	371443	5060576	Surface	61.8	8915	16500	3764	136	85	193	38700	1	1	1	68	-	-	-	-	-	1	1	1	4	1
18164	371455	5060565	Surface	61.7	11100	19400	4181	145	125	313	38500	1	1	1	67	-	-	-	-	-	1	1	1	6	1
18165	371471	5060544	Surface	62	10700	19800	3375	111	113	281	37800	1	1	1	97	-	-	-	-	-	1	1	1	1	1
18166	371491	5060529	Surface	60.8	12100	21000	3479	137	102	773	38500	1	1	1	100	-	-	-	-	-	1	1	1	5	1
18167	371499	5060515	Surface	62.3	13500	22900	3194	117	91	622	29600	1	1	1	74	-	-	-	-	-	1	1	1	1	1
18168	371517	5060498	Surface	61.9	11600	24400	3127	114	98	440	35800	1	1	1	73	-	-	-	-	-	1	1	8	1	1
18169	371527	5060481	Surface	61.9	11100	19800	3514	152	120	304	39100	1	1	1	80	-	-	-	-	-	1	1	1	1	1
18170	371561	5060446	Surface	61.9	10100	16900	3341	93	91	219	35200	1	1	1	98	-	-	-	-	-	1	1	1	1	1
18171	371658	5060347	Surface	65.4	10500	19800	3138	121	113	533	37400	1	1	1	113	-	-	-	-	-	1	33	1	1	1
18172	371678	5060324	Surface	61.7	5235	12000	2071	140	127	10100	40400	1	1	1	121	-	-	-	-	-	1	1	9	4	1
18173	371704	5060308	Surface	62.2	8197	16600	2870	125	69	141	36400	1	1	1	109	-	-	-	-	-	1	1	1	1	1
18174	371743	5060385	Surface	64.5	9261	18900	2913	98	76	279	27000	1	1	1	62	-	-	-	-	-	1	1	1	1	1
18175	371751	5060363	Surface	61.4	6544	16400	2566	157	94	188	45400	1	1	1	98	-	-	-	-	-	1	1	1	1	1
18176	371724	5060401	Surface	61.5	8973	18800	3308	108	129	333	39400	1	1	1	184	-	-	-	-	-	1	1	1	6	1
18177	371390	5060468	Surface	61.1	10400	14400	2980	69	117	296	37700	1	1	1	96	-	-	-	-	-	1	1	1	1	1
18178	371411	5060455	Surface	60.9	11100	14600	3798	138	130	283	42800	1	1	1	137	-	-	-	-	-	1	1	1	1	1
18179	371431	5060451	Surface	61	8747	9936	3122	108	104	82	35400	1	1	1	95	-	-	-	-	-	1	1	1	1	1
18180	371442	5060428	Surface	62	5820	10900	2331	114	110	141	40400	1	1	41	116	-	-	-	-	-	1	1	1	1	1
18181	371461	5060408	Surface	60.9	4757	8027	2243	85	92	230	39700	1	1	17	88	-	-	-	-	-	1	1	1	3	1
18182	371475	5060402	Surface	61.9	5954	7350	1972	121	108	301	50700	1	1	15	43	-	-	-	-	-	1	1	1	1	1
18183	371478	5060381	Surface	62.7	8686	9125	3481	114	106	197	66600	1	1	1	70	-	-	-	-	-	1	1	1	1	1
18184	371498	5060373	Surface	60.8	3857	5711	1763	122	114	89	54700	1	1	1	25	-	-	-	-	-	1	1	1	4	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18185	371525	5060345	Surface	64.9	10000	13800	3193	94	88	134	34100	1	1	1	75	-	-	-	-	-	1	1	1	1	1
18186	371540	5060322	Surface	62	11200	9578	4564	89	68	91	26800	1	1	1	11	-	-	-	-	-	1	1	1	1	1
18187	371466	5060246	Surface	61.7	8502	8440	3324	74	125	101	51700	1	1	1	58	-	-	-	-	-	1	1	1	4	1
18188	371446	5060268	Surface	62.4	16300	9167	2493	1	1	1612	31200	1	1	1	71	-	-	-	-	-	1	1	1	1	1
18189	371439	5060290	Surface	60.9	8807	9943	3217	125	106	153	58300	1	1	1	34	-	-	-	-	-	1	1	1	5	1
18190	371424	5060312	Surface	61.1	5110	7029	2131	110	115	1	56100	1	1	1	34	-	-	-	-	-	1	1	1	3	1
18191	371395	5060329	Surface	61.3	10400	10600	3638	126	142	294	49700	1	1	1	115	-	-	-	-	-	1	1	1	1	1
18192	371388	5060347	Surface	61	11100	14000	3329	114	108	317	39100	1	1	12	115	-	-	-	-	-	1	1	1	1	1
18193	371371	5060360	Surface	61.9	9547	7783	3303	104	124	343	39800	1	1	34	170	-	-	-	-	-	1	1	1	1	1
18194	372694	5061043	Surface	61.1	9883	15300	3610	165	131	300	43300	1	1	1	96	-	-	-	-	-	1	1	1	3	1
18195	372697	5061062	Surface	61	13100	16900	3392	106	99	581	45600	1	1	36	94	-	-	-	-	-	1	1	1	1	1
18196	372697	5061087	Surface	61.5	11200	22700	3384	131	166	565	44800	1	1	42	79	-	-	-	-	-	1	1	1	5	1
18197	372696	5061115	Surface	61.7	14400	24000	3221	98	114	552	36600	1	1	1	47	-	-	-	-	-	1	46	4	1	1
18198	372685	5061132	Surface	61.9	10100	24000	3144	130	117	5554	41100	1	1	62	160	-	-	-	-	-	1	1	9	4	1
18199	372701	5061142	Surface	61.1	10900	18500	3247	163	88	874	47800	1	1	18	191	-	-	-	-	-	1	1	1	8	1
18200	372713	5061163	Surface	61	12200	20100	3479	126	105	523	41500	1	1	1	117	-	-	-	-	-	1	1	4	4	1
18201	371737	5060915	Surface	62	7450	18000	2668	127	93	276	35800	1	1	11	77	-	-	-	-	-	1	1	1	1	1
18202	371750	5060904	Surface	62.3	6074	17400	2448	157	101	1182	47400	1	1	15	219	-	-	-	-	-	1	1	1	3	1
18203	371766	5060892	Surface	61.8	6524	22000	3364	201	148	1522	55000	1	1	38	136	-	-	-	-	-	1	1	1	7	1
18204	371786	5060875	Surface	61.6	3107	28400	4201	292	159	1560	94400	1	1	28	72	-	-	-	-	-	1	53	1	1	1
18205	371792	5060857	Surface	62.4	4283	14200	2762	132	133	219	48000	1	1	36	47	-	-	-	-	-	1	1	1	4	1
18206	371799	5060843	Surface	61.8	8610	18700	3487	120	120	245	41600	1	1	59	70	-	-	-	-	-	1	1	1	8	1
18207	371830	5060818	Surface	61.8	3535	11900	1795	77	66	1	40400	1	1	78	29	-	-	-	-	-	1	1	1	5	1
18208	371844	5060807	Surface	61.6	7579	13800	3000	90	118	297	38000	1	1	20	48	-	-	-	-	-	1	1	1	1	1
18209	371858	5060783	Surface	61.7	13600	17600	3510	53	1	167	32100	1	1	1	29	-	-	-	-	-	1	1	1	1	1
18210	371883	5060768	Surface	62.2	4296	12000	2023	94	152	60	69400	1	1	1	22	-	-	-	-	-	1	1	1	4	1
18211	371780	5060716	Surface	61.5	8595	18400	2946	134	89	183	38000	1	1	1	61	-	-	-	-	-	1	1	1	6	1
18212	371770	5060731	Surface	62.3	8666	18700	3055	87	51	164	34100	1	1	1	61	-	-	-	-	-	1	1	1	1	1
18213	371752	5060764	Surface	61.5	6082	14200	2770	148	148	158	68100	1	1	1	39	-	-	-	-	-	1	1	1	4	1
18214	371717	5060782	Surface	67.8	7491	23900	2918	141	86	349	41200	1	1	287	210	-	-	-	-	-	1	1	1	7	1
18215	371697	5060804	Surface	61.4	8429	19000	3077	134	147	171	42000	1	1	1	80	-	-	-	-	-	1	1	1	1	1
18216	371681	5060828	Surface	63.1	7796	19300	3383	137	66	135	37400	1	1	1	78	-	-	-	-	-	1	1	1	4	1
18217	371674	5060848	Surface	61.8	4038	14600	2398	139	107	200	49600	1	1	12	151	-	-	-	-	-	1	1	1	5	1
18218	371668	5060864	Surface	62.2	6564	20600	2823	164	141	315	54500	1	1	43	75	-	-	-	-	-	1	1	1	1	1
18219	371606	5060773	Surface	63	7700	19700	3789	225	133	593	55500	1	1	1	108	-	-	-	-	-	1	1	1	5	1
18220	371617	5060759	Surface	61.9	8347	19900	2946	104	83	299	32900	1	1	15	56	-	-	-	-	-	1	32	1	4	1
18221	371636	5060735	Surface	63.6	6825	11400	2620	97	148	154	40000	1	1	1	60	-	-	-	-	-	1	1	1	1	1
18222	371651	5060722	Surface	62.1	3799	22600	2883	215	130	1866	68900	1	1	50	98	-	-	-	-	-	1	1	1	1	1
18223	371663	5060716	Surface	61.9	9292	14300	3164	128	103	277	41000	1	1	17	62	-	-	-	-	-	1	1	1	1	1
18224	371672	5060698	Surface	61.3	8896	18000	3499	129	108	711	39500	1	1	65	106	-	-	-	-	-	1	1	1	4	1
18225	371690	5060686	Surface	63.6	7845	13400	3645	131	113	499	44400	1	1	1	80	-	-	-	-	-	1	40	1	1	1
18226	371702	5060669	Surface	62.2	11200	11200	4109	84	91	1107	65900	1	1	18	83	-	-	-	-	-	1	42	1	14	1
18227	371709	5060651	Surface	61.6	7157	11600	3644	157	88	337	45500	1	1	1	61	-	-	-	-	-	1	1	1	1	1
18228	371722	5060640	Surface	62	8561	13500	3608	142	147	470	41600	1	1	1	63	-	-	-	-	-	1	1	1	1	1
18229	371737	5060622	Surface	63.7	9000	14900	2966	112	135	198	34300	1	1	1	47	-	-	-	-	-	1	1	1	1	1
18230	371759	5060609	Surface	61.3	9752	12700	3191	110	75	116	35600	1	1	1	57	-	-	-	-	-	1	1	1	1	1
18231	371695	5060522	Surface	61.3	9237	13900	2775	68	74	147	28200	1	1	1	61	-	-	-	-	-	1	1	1	1	1
18232	371680	5060553	Surface	61.9	13700	8817	4228	65	32	1	13700	1	1	1	15	-	-	-	-	-	1	1	1	1	1
18233	371664	5060562	Surface	61.3	7943	12000	2342	120	87	170	39400	1	1	47	55	-	-	-	-	-	1	1	1	1	1
18234	371651	5060570	Surface	61.3	8234	11000	2339	59	45	196	30300	1	1	21	98	-	-	-	-	-	1	1	1	1	1
18235	371637	5060588	Surface	62.2	10700	16100	4406	72	84	646	49500	1	1	20	60	-	-	-	-	-	1	1	1	12	1
18236	371621	5060601	Surface	61.4	10100	15500	3855	95	78	744	48800	1	1	1	84	-	-	-	-	-	1	50	1	11	1
18237	371601	5060613	Surface	60.8	6641	13700	3397	224	184	1833	60900	1	1	1	238	-	-	-	-	-	1	35	1	4	1
18238	371591	5060630	Surface	62.2	8783	11300	3243	59	40	1	15900	1	1	1	44	-	-	-	-	-	1	1	1	1	1
18239	371574	5060647	Surface	60.1	9753	11900	3159	105	77	81	25600	1	1	1	27	-	-	-	-	-	1	31	1	1	1
18240	371563	5060666	Surface	61.3	10200	16500	3393	158	61	302	34600	1	1	1	41	-	-	-	-	-	1	1	1	5	1
18241	371537	5060682	Surface	61	7890	15100	2652	153	139	263	38000	1	1	59	50	-	-	-	-	-	1	47	14	1	1
18242	371466	5060612	Surface	60.8	11500	19300	3079	92	82	258	32800	1	1	1	46	-	-	-	-	-	1	1	5	1	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18243	371489	5060596	Surface	61.3	14700	15200	3893	133	169	684	42900	1	1	1	91	-	-	-	-	-	1	1	5	1	1
18244	371490	5060590	Surface	61	8626	15500	3529	146	140	332	51100	1	1	1	98	-	-	-	-	-	1	1	1	4	1
18245	371519	5060589	Surface	60.8	11400	17100	3471	131	156	348	42800	1	1	1	94	-	-	-	-	-	1	1	1	5	1
18246	371520	5060567	Surface	60.8	10900	16400	3228	105	137	288	35600	1	1	1	89	-	-	-	-	-	1	1	1	5	1
18247	371537	5060545	Surface	62.1	11800	14800	2879	87	128	230	29800	1	1	1	77	-	-	-	-	-	1	1	1	1	1
18248	371551	5060537	Surface	60.7	14600	20200	3293	88	75	401	29700	1	1	1	63	-	-	-	-	-	1	1	4	1	1
18249	371564	5060510	Surface	60.9	10900	12300	3387	75	101	157	39800	1	1	1	108	-	-	-	-	-	1	1	1	1	1
18250	371577	5060504	Surface	61.2	13100	15400	4390	118	111	214	40100	1	1	1	153	-	-	-	-	-	1	1	1	1	1
18251	371592	5060487	Surface	61.7	11200	17600	3516	144	162	545	43200	1	1	1	112	-	-	-	-	-	1	1	1	3	1
18252	371628	5060456	Surface	62.4	12400	20500	3000	117	108	470	31700	1	1	1	55	-	-	-	-	-	1	1	1	4	1
18253	371682	5060390	Surface	72	13000	19600	3111	112	89	403	32600	1	1	1	52	-	-	-	-	-	1	31	1	1	1
18254	371693	5060384	Surface	61.2	13300	19900	3297	162	122	360	38700	1	1	1	55	-	-	-	-	-	1	1	1	1	1
18255	371706	5060371	Surface	61	13600	20500	3118	97	74	466	29700	1	1	1	47	-	-	-	-	-	1	1	1	1	1
18256	371718	5060353	Surface	63.7	10700	16800	2776	102	64	387	31300	1	1	1	43	-	-	-	-	-	1	46	1	1	1
18257	371729	5060340	Surface	61	14300	21600	3367	106	69	405	26700	1	1	1	43	-	-	-	-	-	1	1	1	1	1
18258	371751	5060329	Surface	61.1	10400	15100	2930	146	125	574	35700	1	1	1	61	-	-	-	-	-	1	1	4	1	1
18259	371751	5060310	Surface	64.1	9451	13100	3331	103	92	936	33800	1	1	1	85	-	-	-	-	-	1	1	1	1	1
18260	371429	5060524	Surface	61.2	5571	8444	2372	109	119	231	35300	1	1	1	51	-	-	-	-	-	1	1	1	5	1
18261	371445	5060508	Surface	61	7686	12700	2608	127	108	1509	31200	1	1	1	63	-	-	-	-	-	1	33	1	4	1
18262	371452	5060488	Surface	61.2	7233	9731	3121	143	122	2337	45700	1	1	25	121	-	-	-	-	-	1	42	1	6	1
18263	371472	5060479	Surface	61.8	5960	10700	2322	129	119	134	32000	1	1	45	135	-	-	-	-	-	1	1	4	3	1
18264	371478	5060463	Surface	61.5	12600	16600	3277	168	97	539	33400	1	1	1	70	-	-	-	-	-	1	1	1	1	1
18265	371498	5060444	Surface	60.9	7927	13500	2808	131	80	780	36600	1	1	13	230	-	-	-	-	-	1	1	1	5	1
18266	371504	5060429	Surface	60.8	6311	12100	3309	88	63	295	35900	1	1	27	85	-	-	-	-	-	1	1	1	18	1
18267	371527	5060424	Surface	63.2	8084	11700	3124	151	99	300	41700	1	1	1	88	-	-	-	-	-	1	1	1	1	1
18268	371540	5060407	Surface	66.8	5906	10700	2157	79	44	127	27200	1	1	26	66	-	-	-	-	-	1	1	1	5	1
18269	371537	5060391	Surface	61	7416	11500	2772	132	122	389	52500	1	1	1	67	-	-	-	-	-	1	49	1	1	1
18270	371563	5060375	Surface	61.4	12500	6635	3109	58	62	381	19200	1	1	1	21	-	-	-	-	-	1	30	1	5	1
18271	371490	5060290	Surface	63.6	20100	10500	2839	1	74	544	40400	1	1	1	25	-	-	-	-	-	1	1	1	3	1
18272	371481	5060300	Surface	61.8	6595	8810	2802	111	103	1	36000	1	1	1	46	-	-	-	-	-	1	1	1	1	1
18273	371469	5060320	Surface	61.3	8940	10100	4283	119	73	1	17100	1	1	1	31	-	-	-	-	-	1	1	1	6	1
18274	371455	5060336	Surface	62.3	13100	6740	3637	86	52	78	31100	1	1	1	21	-	-	-	-	-	1	1	1	1	1
18275	371445	5060345	Surface	64	6110	9162	2341	138	119	352	51400	1	1	1	79	-	-	-	-	-	1	1	1	4	1
18276	371422	5060360	Surface	62	6608	8130	2830	118	122	290	61500	1	1	28	76	-	-	-	-	-	1	1	1	7	1
18277	371408	5060363	Surface	60.6	9001	12900	3018	113	106	226	37400	1	1	28	78	-	-	-	-	-	1	1	1	5	1
18278	371400	5060385	Surface	63.1	6975	9150	2865	70	93	136	37800	1	1	1	125	-	-	-	-	-	1	1	1	4	1
18279	371385	5060413	Surface	66.4	9827	12900	3572	148	142	290	41700	1	1	1	99	-	-	-	-	-	1	1	1	1	1
18280	371370	5060433	Surface	61.5	12300	15400	3384	144	135	480	38600	1	1	1	85	-	-	-	-	-	1	1	1	1	1
18281	371244	5060833	Surface	63.4	4418	28800	2340	137	83	431	35400	1	1	47	158	-	-	-	-	-	1	1	1	9	1
18282	371318	5060791	Surface	61.3	4866	17800	2192	123	53	381	31900	1	1	1	145	-	-	-	-	-	1	1	1	6	1
18283	371326	5060776	Surface	62.2	3922	20300	3050	237	144	1197	65100	1	1	89	119	-	-	-	-	-	1	1	1	4	1
18284	371347	5060765	Surface	62.3	10200	13000	3715	108	128	339	43000	1	1	23	60	-	-	-	-	-	1	1	1	1	1
18285	371361	5060754	Surface	61.2	8033	11600	3671	178	139	345	46900	1	1	22	59	-	-	-	-	-	1	1	1	1	1
18286	371463	5060803	Surface	61.4	6842	12000	2615	85	63	180	28300	1	1	1	91	-	-	-	-	-	1	1	1	1	1
18287	371431	5060837	Surface	61.5	6829	13600	2741	149	110	354	35100	1	1	1	125	-	-	-	-	-	1	1	1	1	1
18288	371411	5060841	Surface	61.8	2010	18500	4282	441	158	1005	84100	1	1	31	78	-	-	-	-	-	1	1	1	1	1
18289	371402	5060849	Surface	61.3	8292	14200	3176	169	118	409	53100	1	1	190	52	-	-	-	-	-	1	1	1	1	1
18290	371379	5060862	Surface	61.2	6787	11400	2241	79	116	193	29600	1	1	82	56	-	-	-	-	-	1	99	1	1	1
18291	371435	5060890	Surface	61.1	9102	15000	3280	133	85	492	39900	1	1	20	104	-	-	-	-	-	1	1	1	1	1
18292	371450	5060880	Surface	61.1	6914	13700	3027	170	127	466	48900	1	1	24	70	-	-	-	-	-	1	1	1	3	1
18293	371464	5060867	Surface	62.1	7059	19900	2917	120	86	544	37100	1	1	1	117	-	-	-	-	-	1	1	1	6	1
18294	371486	5060861	Surface	63.1	5765	9924	2221	89	41	234	28000	1	1	1	45	-	-	-	-	-	1	1	1	1	1
18295	371506	5060905	Surface	61.8	9949	14100	3120	99	108	280	31100	1	1	22	65	-	-	-	-	-	1	1	4	1	1
18296	371488	5060914	Surface	62.2	6934	10600	3511	132	92	250	47900	1	1	58	38	-	-	-	-	-	1	1	1	1	1
18297	371472	5060922	Surface	61	4677	15500	3512	262	100	708	46700	1	1	28	71	-	-	-	-	-	1	1	1	5	1
18298	371461	5060938	Surface	62.2	4565	24000	3741	211	112	1018	58200	1	1	21	79	-	-	-	-	-	1	49	1	1	1
18299	371470	5060983	Surface	64.3	4523	18000	3384	320	170	2383	67700	1	1	50	126	-	-	-	-	-	1	1	1	7	1
18300	371489	5060977	Surface	61.6	8005	14100	2723	125	116	222	36100	1	1	44	51	-	-	-	-	-	1	1	1	1	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18301	372713	5061180	Surface	61.2	15100	17600	4251	184	168	582	45400	1	1	14	122	-	-	-	-	-	1	1	4	1	1
18302	372723	5061198	Surface	62.1	8638	12800	2701	117	83	148	38300	1	1	1	74	-	-	-	-	-	1	1	1	1	1
18303	372723	5061223	Surface	64.2	11700	17600	3560	109	123	1117	38300	1	1	1	97	-	-	-	-	-	1	1	1	3	1
18304	372867	5061187	Surface	62.3	8917	12200	2652	117	95	178	39300	1	1	1	56	-	-	-	-	-	1	1	1	1	1
18305	372864	5061160	Surface	61.9	11300	11000	3730	110	122	254	42300	1	1	1	66	-	-	-	-	-	1	1	1	3	1
18306	372856	5061142	Surface	61.3	7478	10500	2615	102	81	148	35800	1	1	1	73	-	-	-	-	-	1	1	1	4	1
18307	372852	5061105	Surface	61.2	9575	13200	2894	85	125	236	41100	1	1	1	56	-	-	-	-	-	1	1	1	1	1
18308	372846	5061077	Surface	62.4	12400	17300	3662	148	118	538	42800	1	1	1	95	-	-	-	-	-	1	1	1	1	1
18309	372842	5061057	Surface	63.8	11700	19100	4087	168	92	610	47600	1	1	42	107	-	-	-	-	-	1	1	1	1	1
18310	372838	5061037	Surface	61.2	12400	18700	3490	132	115	521	42000	1	1	130	92	-	-	-	-	-	1	36	1	4	1
18311	372823	5060999	Surface	64.1	12700	13100	3493	133	98	685	40600	1	1	1	101	-	-	-	-	-	1	41	5	1	1
18312	371244	5060784	Surface	60.8	6096	28600	3806	201	278	1070	65200	182	1	14	144	-	-	-	-	-	1	1	1	1	1
18313	371258	5060765	Surface	62	5608	22500	3536	280	201	1046	62300	1	1	29	113	-	-	-	-	-	1	1	1	1	1
18314	371292	5060764	Surface	61.2	8827	15500	2862	105	91	334	30900	1	1	32	130	-	-	-	-	-	1	1	1	1	1
18315	371424	5060773	Surface	60.2	6519	16100	3134	206	178	1340	66800	1	1	25	104	-	-	-	-	-	1	39	1	5	1
18316	371401	5060790	Surface	61.1	6694	16500	3692	187	112	2375	54200	1	1	23	86	-	-	-	-	-	1	1	1	3	1
18317	371384	5060799	Surface	61.7	5414	15000	3551	273	162	1181	81300	1	1	42	92	-	-	-	-	-	1	43	1	8	1
18318	371376	5060812	Surface	61.3	10300	15400	3173	94	123	497	35200	1	1	13	68	-	-	-	-	-	1	33	1	4	1
18319	371349	5060825	Surface	60.8	4746	23100	3075	218	117	1508	55600	1	1	51	220	-	-	-	-	-	1	39	1	8	1
18320	371336	5060840	Surface	60.8	7816	16300	2212	136	91	335	32200	1	1	52	46	-	-	-	-	-	1	37	1	1	1
18321	371322	5060839	Surface	61.2	6357	16500	2787	188	127	496	47200	1	1	1	150	-	-	-	-	-	1	41	1	1	1
18322	371326	5060855	Surface	62.4	6494	14900	3177	156	143	350	55500	1	1	21	108	-	-	-	-	-	1	1	1	3	1
18323	371307	5060866	Surface	60.9	7375	13200	3230	164	92	283	53600	1	1	1	85	-	-	-	-	-	1	1	1	6	1
18324	371293	5060872	Surface	60.8	7210	12600	3154	132	105	245	54000	1	1	1	80	-	-	-	-	-	1	1	1	7	1
18325	371276	5060880	Surface	60.9	8286	18700	3355	146	124	448	44400	1	1	14	70	-	-	-	-	-	1	1	1	1	1
18326	371253	5060883	Surface	63.2	7032	22600	3733	186	84	518	41700	1	1	13	58	-	-	-	-	-	1	36	1	5	1
18327	371248	5060899	Surface	61.6	8941	14600	3182	117	116	259	43200	1	1	1	76	-	-	-	-	-	1	1	1	1	1
18328	371265	5060948	Surface	60.9	6774	13700	3077	112	102	340	45800	1	1	14	72	-	-	-	-	-	1	1	1	4	1
18329	371281	5060932	Surface	61.1	6403	19300	3347	235	158	520	59200	1	1	1	55	-	-	-	-	-	1	1	38	4	1
18330	371293	5060924	Surface	61.8	7371	21900	2832	171	228	925	53000	1	1	57	77	-	-	-	-	-	1	1	1	5	1
18331	371317	5060910	Surface	61	9398	13000	3572	148	80	386	40900	1	1	1	60	-	-	-	-	-	1	1	1	1	1
18332	371329	5060894	Surface	61	4614	12200	2419	146	101	2813	42900	1	1	42	143	-	-	-	-	-	1	1	1	7	1
18333	371346	5060891	Surface	62	4913	28900	3628	314	174	1368	76300	1	1	49	121	-	-	-	-	-	1	1	1	1	1
18334	371399	5060915	Surface	61	8032	14700	3289	118	143	301	50300	1	1	1	55	-	-	-	-	-	1	1	1	6	1
18335	371378	5060928	Surface	60.8	6396	15100	2979	212	141	718	58200	1	1	1	70	-	-	-	-	-	1	1	1	1	1
18336	371359	5060937	Surface	61.1	7108	15900	3230	180	166	1027	46800	1	1	1	172	-	-	-	-	-	1	1	1	5	1
18337	371337	5060944	Surface	61.2	10700	15500	3412	100	95	485	39400	1	1	1	89	-	-	-	-	-	1	1	1	1	1
18338	371330	5060966	Surface	62.7	7632	16100	3607	170	75	778	47300	1	1	1	86	-	-	-	-	-	1	1	1	8	1
18339	371316	5060973	Surface	61.1	8552	13500	2976	101	94	215	43300	1	1	1	77	-	-	-	-	-	1	1	1	1	1
18340	371300	5060989	Surface	61.5	10100	14100	3270	138	115	306	39700	1	1	1	95	-	-	-	-	-	1	1	1	1	1
18341	372060	5061675	Surface	64.5	9102	15900	3058	83	106	473	41700	1	1	1	105	-	-	-	-	-	1	1	4	5	1
18342	372056	5061692	Surface	64.2	5137	20500	5007	280	126	1000	60500	1	1	65	68	-	-	-	-	-	1	129	1	4	1
18343	372033	5061698	Surface	63.3	4845	14900	3413	203	68	664	60400	1	1	48	75	-	-	-	-	-	1	52	1	1	1
18344	372007	5061730	Surface	64.3	5610	10100	2544	177	119	212	52900	1	1	47	95	-	-	-	-	-	1	1	1	1	1
18345	371990	5061735	Surface	65.8	6070	12000	2391	98	63	300	33300	1	1	46	187	-	-	-	-	-	1	1	1	1	1
18346	371868	5061707	Surface	63.1	2728	25200	1436	187	361	2067	51300	100	1	16	301	-	-	-	-	-	1	1	1	4	1
18347	371899	5061684	Surface	62.2	6595	10200	2547	124	75	222	41100	1	1	22	88	-	-	-	-	-	1	1	1	1	1
18348	371916	5061674	Surface	61.3	6499	11600	3208	164	104	352	53400	1	1	30	115	-	-	-	-	-	1	1	1	1	1
18349	371947	5061656	Surface	67.3	7073	14100	3024	163	115	752	47300	1	1	43	142	-	-	-	-	-	1	1	1	5	1
18350	371961	5061643	Surface	68	10200	13400	3407	87	96	599	35800	1	1	1	172	-	-	-	-	-	1	1	1	1	1
18351	371974	5061630	Surface	63.3	9804	13600	3036	150	138	327	37200	1	1	1	130	-	-	-	-	-	1	1	1	6	1
18352	371995	5061602	Surface	63.2	3598	11600	2733	220	131	6375	72600	1	1	74	216	-	-	-	-	-	1	45	1	10	1
18353	371950	5061523	Surface	62.6	8559	11300	3275	135	149	163	36900	1	1	1	63	-	-	-	-	-	1	1	1	6	1
18354	371929	5061535	Surface	64.5	7430	14300	3087	136	105	635	42100	1	1	1	115	-	-	-	-	-	1	1	1	4	1
18355	371905	5061558	Surface	66.1	8831	13100	3310	154	109	299	41000	1	1	15	92	-	-	-	-	-	1	1	1	1	1
18356	371884	5061581	Surface	63.6	7890	11200	5370	248	109	1013	56400	1	1	36	185	-	-	-	-	-	1	1	1	5	1
18357	371842	5061595	Surface	64.5	9242	12700	3067	151	104	294	38000	1	1	1	109	-	-	-	-	-	1	1	1	1	1
18358	373233	5060914	Surface	63.2	10400	13400	4159	101	68	342	37800	1	1	1	47	-	-	-	-	-	1	36	1	3	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18359	373228	5060933	Surface	63.9	8750	12900	2695	102	107	920	37900	1	1	1	80	-	-	-	-	-	1	1	1	4	1
18360	373233	5060952	Surface	61.4	7361	14100	2709	130	95	497	41300	1	1	1	116	-	-	-	-	-	1	1	1	1	1
18361	373239	5060966	Surface	64.2	8968	14600	2825	111	105	274	36700	1	1	1	79	-	-	-	-	-	1	1	1	6	1
18362	373245	5060990	Surface	62.4	9205	15200	3083	142	89	656	38700	1	1	1	126	-	-	-	-	-	1	1	1	1	1
18363	373244	5061004	Surface	61	8215	14500	2835	126	126	778	41600	1	1	22	93	-	-	-	-	-	1	1	1	1	1
18364	373302	5060995	Surface	61.4	9209	14900	2928	123	112	394	36900	1	1	1	113	-	-	-	-	-	1	1	1	3	1
18365	373295	5060975	Surface	62.1	8068	14000	2564	129	96	551	39900	1	1	28	96	-	-	-	-	-	1	1	1	1	1
18366	373280	5060959	Surface	62.9	7810	11300	3035	143	123	739	41000	1	1	1	98	-	-	-	-	-	1	30	1	4	1
18367	373275	5060956	Surface	61.9	10300	14600	3243	140	107	370	38200	1	1	1	95	-	-	-	-	-	1	1	1	1	1
18368	373264	5060924	Surface	64	8120	13400	2677	124	107	674	45000	1	1	34	105	-	-	-	-	-	1	40	1	4	1
18369	373337	5060915	Surface	63.1	9767	20300	4030	126	126	2062	49900	1	1	1	175	-	-	-	-	-	1	1	1	8	1
18370	373341	5060942	Surface	62.1	8568	12100	3026	113	76	434	36500	1	1	23	82	-	-	-	-	-	1	43	1	1	1
18371	373336	5060957	Surface	63.7	10200	15600	3492	153	108	422	41600	1	1	1	110	-	-	-	-	-	1	1	1	4	1
18372	373342	5060976	Surface	63.1	9207	15800	2949	142	57	492	42300	1	1	27	119	-	-	-	-	-	1	1	1	1	1
18373	373340	5060996	Surface	63.2	9187	15100	3015	91	81	620	38000	1	1	21	152	-	-	-	-	-	1	39	1	4	1
18374	373350	5061021	Surface	63.8	6840	10800	2312	89	109	137	34500	1	1	26	109	-	-	-	-	-	1	1	1	1	1
18375	373357	5061037	Surface	62.5	8600	12400	2837	97	70	473	34100	1	1	1	101	-	-	-	-	-	1	1	1	1	1
18376	373363	5061047	Surface	62.6	7963	14000	2971	122	92	443	40800	1	1	1	97	-	-	-	-	-	1	32	1	1	1
18377	373362	5061067	Surface	63.2	8743	16100	2719	102	96	571	41600	1	1	12	77	-	-	-	-	-	1	35	1	1	1
18378	373460	5061083	Surface	63.1	7986	11900	2958	139	111	411	39700	1	1	1	102	-	-	-	-	-	1	1	1	1	1
18379	373464	5061075	Surface	64.8	8928	14100	3310	104	85	712	35500	1	1	1	121	-	-	-	-	-	1	1	1	1	1
18380	373467	5061068	Surface	61.8	7945	13500	3086	95	97	545	38000	1	1	1	97	-	-	-	-	-	1	1	1	1	1
18381	373465	5061041	Surface	61.6	8045	14200	3341	190	140	356	50600	1	1	30	103	-	-	-	-	-	1	1	1	1	1
18382	373461	5061030	Surface	61.5	8627	15500	3899	215	126	699	50800	1	1	23	198	-	-	-	-	-	1	1	1	1	1
18383	373454	5061014	Surface	61.1	8571	15000	3467	172	113	1023	46800	72	1	1	101	-	-	-	-	-	1	1	1	5	1
18384	373459	5060999	Surface	60.7	9061	13000	3693	105	71	1579	30200	1	1	1	88	-	-	-	-	-	1	1	1	6	1
18385	373452	5060984	Surface	61	8605	12800	2976	150	90	310	42100	1	1	12	67	-	-	-	-	-	1	1	1	1	1
18386	373449	5060965	Surface	60.8	7860	21900	3331	188	150	605	53900	1	1	68	75	-	-	-	-	-	1	1	1	4	1
18387	373441	5060946	Surface	61.1	7995	13400	2676	97	108	303	39400	1	1	18	82	-	-	-	-	-	1	1	1	4	1
18388	373435	5060929	Surface	62.1	5922	13200	3790	192	125	630	54500	1	1	22	134	-	-	-	-	-	1	1	1	1	1
18389	373433	5060927	Surface	61.5	8707	13600	3380	117	124	497	40900	1	1	1	103	-	-	-	-	-	1	1	1	7	1
18390	373436	5060915	Surface	62.5	9667	13500	2802	147	143	718	45100	1	1	114	90	-	-	-	-	-	1	1	1	1	1
18391	373488	5060878	Surface	62.3	10900	15100	3262	116	121	491	38600	1	1	1	122	-	-	-	-	-	1	1	1	1	1
18392	373477	5060899	Surface	64	11500	15600	3443	138	139	454	38200	1	1	1	122	-	-	-	-	-	1	1	1	1	1
18393	373490	5060920	Surface	61.4	9773	13800	3147	109	68	614	38100	1	1	1	136	-	-	-	-	-	1	1	1	1	1
18394	373476	5060931	Surface	62.1	10300	15000	3789	110	126	641	43500	1	1	1	111	-	-	-	-	-	1	1	1	1	1
18395	373490	5060956	Surface	61.3	7572	17900	3366	169	147	1037	49800	1	1	20	152	-	-	-	-	-	1	1	1	1	1
18396	373494	5060966	Surface	63.3	7235	14600	3529	193	94	512	52200	1	1	16	142	-	-	-	-	-	1	34	1	1	1
18397	373500	5060994	Surface	64.2	8058	14900	2799	148	108	698	42200	1	1	1	100	-	-	-	-	-	1	1	1	4	1
18398	373505	5061010	Surface	62.3	9016	16100	3223	160	144	459	412	1	1	13	99	-	-	-	-	-	1	1	1	1	1
18399	373501	5061028	Surface	60.8	8831	15000	3271	146	111	508	42800	1	1	1	155	-	-	-	-	-	1	1	1	1	1
18400	373500	5061048	Surface	62.3	8956	14200	3201	116	103	514	38600	1	1	1	111	-	-	-	-	-	1	1	1	1	1
18401	372378	5060952	Surface	61.2	9037	31300	3573	222	161	786	54300	1	1	30	88	-	-	-	-	-	1	1	1	4	1
18402	372380	5060958	Surface	62.3	8731	11800	3428	138	84	594	39500	1	1	16	102	-	-	-	-	-	1	1	1	5	1
18403	372373	5060976	Surface	61.1	8465	13400	4007	174	123	373	45900	1	1	1	81	-	-	-	-	-	1	50	1	9	1
18404	372384	5061022	Surface	60.9	6849	10800	3551	166	107	183	42100	1	1	1	44	-	-	-	-	-	1	1	1	3	1
18405	372394	5061040	Surface	60.9	13000	5460	2326	1	1	1	15600	1	1	1	13	-	-	-	-	-	1	1	1	3	1
18406	372390	5061077	Surface	61.6	9089	13400	3253	157	135	269	36000	1	1	1	124	-	-	-	-	-	1	1	1	1	1
18407	372397	5061093	Surface	61.3	8082	11600	3629	131	139	286	45900	1	1	1	117	-	-	-	-	-	1	1	1	1	1
18408	372536	5061021	Surface	61.2	7651	15000	3400	172	149	391	47900	1	1	19	85	-	-	-	-	-	1	1	1	5	1
18409	372533	5061003	Surface	61.3	8806	14000	3481	150	103	351	42900	1	1	1	97	-	-	-	-	-	1	1	1	1	1
18410	372537	5060987	Surface	61.6	9570	14700	3494	188	103	605	44700	1	1	86	73	-	-	-	-	-	1	1	1	7	1
18411	372534	5060961	Surface	62.3	5729	29200	4827	256	187	1652	75100	1	1	33	116	-	-	-	-	-	1	59	1	1	1
18412	372527	5060945	Surface	61.4	12900	17400	3438	146	121	618	38900	1	1	1	66	-	-	-	-	-	1	1	5	1	1
18413	372523	5060931	Surface	61.2	12700	17800	3371	153	125	557	40300	1	1	1	81	-	-	-	-	-	1	1	1	1	1
18414	372983	5060973	Surface	60.8	13600	16200	3976	143	117	562	41400	1	1	1	123	-	-	-	-	-	1	1	1	5	1
18415	373003	5061057	Surface	62.4	8717	21400	2090	129	151	1380	69500	1	1	289	2451	-	-	-	-	-	1	1	1	1	1
18416	372994	5061019	Surface	61.6	9284	22900	3712	161	145	2800	53500	1	1	24	154	-	-	-	-	-	1	44	1	9	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18417	372998	5061071	Surface	60.9	7609	12900	2166	107	90	3152	30900	1	1	1	151	-	-	-	-	-	1	1	1	6	1
18418	373013	5061110	Surface	63	9611	9298	3424	85	52	97	31300	1	1	1	35	-	-	-	-	-	1	1	1	1	1
18419	373007	5061140	Surface	61.8	9590	14000	3216	92	80	262	40500	1	1	1	71	-	-	-	-	-	1	1	5	5	1
18420	373154	5061092	Surface	61.9	9102	18900	1500	179	230	1895	102300	1	1	229	4116	-	-	-	-	-	1	1	1	1	41
18421	373149	5061019	Surface	61.6	9322	16200	3216	104	71	1439	37800	1	1	1	158	-	-	-	-	-	1	1	1	6	1
18422	373122	5060998	Surface	62.1	10700	14600	3499	110	94	410	28800	1	1	14	66	-	-	-	-	-	1	45	1	1	1
18423	373122	5060975	Surface	62.5	9165	18500	3750	126	89	517	50400	124	1	32	98	-	-	-	-	-	1	37	1	1	1
18424	373132	5060942	Surface	61.7	9234	17500	3568	159	131	482	50500	1	1	22	108	-	-	-	-	-	1	35	1	1	1
18425	373124	5060920	Surface	61.5	9258	15100	2881	134	118	387	39600	1	1	19	72	-	-	-	-	-	1	1	1	1	1
18426	371503	5060963	Surface	62.3	6117	14400	4129	282	134	2224	67300	1	1	79	133	-	-	-	-	-	1	1	1	5	1
18427	371525	5060949	Surface	62.8	2273	20600	2097	158	134	1367	44100	1	1	1	80	-	-	-	-	-	1	1	1	1	1
18428	371540	5060939	Surface	62.2	6724	12800	2845	151	138	1390	42800	1	1	16	69	-	-	-	-	-	1	1	1	1	1
18429	371549	5060990	Surface	61.8	7676	15700	2929	172	140	457	39500	1	1	32	78	-	-	-	-	-	1	1	1	1	1
18430	371531	5061002	Surface	63.4	6608	16800	2413	125	109	249	38600	1	1	13	61	-	-	-	-	-	1	1	1	4	1
18431	372078	5061728	Surface	61.5	5999	17200	4061	276	150	1721	58400	1	1	17	56	-	-	-	-	-	1	58	1	7	1
18432	372071	5061741	Surface	65.4	4683	14000	3504	194	133	625	60100	1	1	19	93	-	-	-	-	-	1	1	1	6	1
18433	372051	5061759	Surface	64	8094	13800	3492	147	79	311	44600	1	1	1	74	-	-	-	-	-	1	1	1	1	1
18434	372041	5061765	Surface	62.6	4665	22500	4423	278	145	1280	67000	1	1	13	144	-	-	-	-	-	1	37	1	1	1
18435	372019	5061786	Surface	64.3	6114	13400	3247	164	111	755	50000	1	1	1	203	-	-	-	-	-	1	1	1	1	1
18436	372004	5061782	Surface	65	9197	13800	3729	151	131	660	46000	1	1	1	124	-	-	-	-	-	1	1	1	1	1
18437	371916	5061745	Surface	62.1	9357	12700	3225	121	120	236	37700	1	1	1	75	-	-	-	-	-	1	1	1	1	1
18438	371940	5061729	Surface	62.8	8322	12700	3116	142	139	633	39400	1	1	1	131	-	-	-	-	-	1	30	1	7	1
18439	371949	5061713	Surface	62.5	8771	19800	3654	152	190	791	48100	1	1	1	151	-	-	-	-	-	1	1	1	3	1
18440	371980	5061688	Surface	64.5	8948	14300	2754	125	120	271	34300	1	1	13	69	-	-	-	-	-	1	1	1	1	1
18441	371995	5061664	Surface	63	5339	14100	2394	137	91	2605	40800	1	1	122	222	-	-	-	-	-	1	1	1	5	1
18442	372008	5061657	Surface	64.9	5517	15000	4283	257	159	1468	67300	1	1	120	146	-	-	-	-	-	1	1	1	1	1
18443	372051	5061622	Surface	61.5	8307	15800	3331	139	84	267	41200	1	1	55	62	-	-	-	-	-	1	1	1	1	1
18444	372003	5061537	Surface	62.9	7578	11100	3205	152	131	238	53800	1	1	38	56	-	-	-	-	-	1	38	1	5	1
18445	371967	5061559	Surface	61.1	8889	13600	3140	97	68	248	40000	1	1	1	76	-	-	-	-	-	1	1	1	1	1
18446	371961	5061567	Surface	61.7	9701	14300	3983	185	119	1613	50500	1	1	1	99	-	-	-	-	-	1	1	1	1	1
18447	371935	5061582	Surface	61.5	7715	14300	3903	203	128	431	53800	1	1	21	85	-	-	-	-	-	1	1	1	4	1
18448	371927	5061598	Surface	64	5418	18000	4928	310	76	822	70200	1	1	40	75	-	-	-	-	-	1	1	1	9	1
18449	372244	5061050	Surface	60.9	9480	11200	3195	119	115	170	35200	1	1	1	136	-	-	-	-	-	1	49	1	4	1
18450	372251	5061069	Surface	62.6	8540	10700	3894	164	143	1028	62800	1	1	97	135	-	-	-	-	-	1	1	1	7	1
18451	372257	5061085	Surface	62.8	8978	11600	3358	104	94	210	40900	1	1	64	83	-	-	-	-	-	1	1	1	1	1
18452	372255	5061105	Surface	62.5	10800	10800	3829	116	89	1442	55300	1	1	36	195	-	-	-	-	-	1	1	1	5	1
18453	372260	5061129	Surface	62	6545	9283	2734	94	121	124	46800	1	1	43	66	-	-	-	-	-	1	1	1	3	1
18454	372261	5061143	Surface	61.7	6500	9225	2778	116	108	176	43700	1	1	41	60	-	-	-	-	-	1	1	1	1	1
18455	372265	5061173	Surface	62.7	8933	12200	3763	114	109	293	43700	1	1	1	56	-	-	-	-	-	1	1	1	4	1
18456	372275	5061188	Surface	61.4	6972	11100	2472	132	106	118	37200	1	1	19	62	-	-	-	-	-	1	1	1	1	1
18457	372268	5061206	Surface	61.8	7357	11500	3648	107	89	222	47900	1	1	1	61	-	-	-	-	-	1	1	1	11	1
18458	372274	5061225	Surface	63.4	8459	13800	4274	154	141	300	59300	1	1	18	61	-	-	-	-	-	1	1	1	4	1
18459	372273	5061243	Surface	63.4	7548	11500	3761	108	84	112	43500	1	1	1	38	-	-	-	-	-	1	1	1	3	1
18460	372343	5061312	Surface	62.9	8840	19800	6302	73	48	583	28500	1	1	1	16	-	-	-	-	-	1	1	1	1	1
18461	372320	5061304	Surface	60.8	5830	12200	3280	1	47	164	23900	1	1	23	16	-	-	-	-	-	1	1	1	1	1
18462	372324	5061272	Surface	60.9	6432	16000	4863	46	47	354	27800	1	1	1	1	-	-	-	-	-	1	35	1	1	1
18463	372326	5061242	Surface	63.1	5614	8807	1938	94	69	1	29100	1	1	23	46	-	-	-	-	-	1	1	1	1	1
18464	372310	5061244	Surface	61.3	8062	10100	3517	121	87	354	32200	1	1	1	81	-	-	-	-	-	1	1	1	5	1
18465	372318	5061211	Surface	61.2	6328	9857	2513	129	88	193	40600	1	1	1	53	-	-	-	-	-	1	1	1	1	1
18466	372315	5061186	Surface	61.9	10100	10000	4109	74	52	1	27400	1	1	1	20	-	-	-	-	-	1	32	1	1	1
18467	372307	5061174	Surface	61.6	7118	11400	2110	77	53	97	25400	1	1	28	54	-	-	-	-	-	1	1	1	3	1
18468	372313	5061151	Surface	63.9	4577	8562	2544	120	96	1	35100	1	1	1	45	-	-	-	-	-	1	1	1	6	1
18469	372309	5061135	Surface	61.1	7890	10900	2954	112	90	249	41100	1	1	32	71	-	-	-	-	-	1	1	1	1	1
18470	372306	5061111	Surface	61.3	10800	8112	2375	54	66	3309	39100	1	1	156	126	-	-	-	-	-	1	1	1	5	1
18471	372299	5061097	Surface	61.1	10100	6529	3193	71	1	1	20500	1	1	1	18	-	-	-	-	-	1	1	1	1	1
18472	372298	5061075	Surface	61.7	7444	10600	2983	106	74	185	39100	1	1	1	95	-	-	-	-	-	1	29	1	1	1
18473	372292	5061058	Surface	60.9	8464	9338	3405	84	103	186	50800	1	1	14	54	-	-	-	-	-	1	1	1	1	1
18474	372289	5061039	Surface	61.1	8261	9293	3501	115	91	426	46600	1	1	38	74	-	-	-	-	-	1	1	1	1	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18475	372288	5061007	Surface	61.1	6863	9940	3913	179	118	123	50900	1	1	15	65	-	-	-	-	-	1	1	1	4	1
18476	372286	5060993	Surface	61.2	8280	9440	3022	78	107	193	39100	1	1	19	65	-	-	-	-	-	1	1	1	5	1
18477	372282	5060979	Surface	61.2	6783	10300	2709	65	107	123	38400	1	1	1	82	-	-	-	-	-	1	1	1	3	1
18478	372325	5060962	Surface	62.6	8954	15000	2695	89	43	233	25600	1	1	1	55	-	-	-	-	-	1	1	1	1	1
18479	372335	5060982	Surface	60.9	8541	9803	3846	119	135	354	43800	1	1	12	64	-	-	-	-	-	1	1	1	4	1
18480	372337	5061013	Surface	60.9	8392	9597	4166	162	123	1	34200	1	1	1	25	-	-	-	-	-	1	1	1	4	1
18481	372340	5061030	Surface	61	5333	2984	3281	53	1	1	5363	1	1	1	1	-	-	-	-	-	1	1	1	1	1
18482	372355	5061069	Surface	61.9	11800	11200	3046	50	55	774	25100	1	1	1	41	-	-	-	-	-	1	1	1	7	1
18483	372344	5061049	Surface	61	3984	7864	1762	67	1	263	21900	77	1	1	28	-	-	-	-	-	1	1	4	1	1
18484	372347	5061082	Surface	60.2	6779	9629	2428	115	135	98	36000	1	1	1	64	-	-	-	-	-	1	1	1	1	1
18485	372356	5061086	Surface	61.6	7794	8409	2324	78	1	263	31500	1	1	1	97	-	-	-	-	-	1	1	1	3	1
18486	372353	5061118	Surface	61.4	8231	11100	3099	86	90	142	36800	1	1	1	64	-	-	-	-	-	1	30	1	1	1
18487	372362	5061176	Surface	61.3	7595	7879	2475	79	59	1264	42800	1	1	16	58	-	-	-	-	-	1	1	1	6	1
18488	372366	5061191	Surface	62	12800	8444	1790	56	1	107	22700	1	1	1	18	-	-	-	-	-	1	38	1	4	1
18489	372372	5061211	Surface	61	7380	10400	2993	111	54	1	18700	1	1	1	21	-	-	-	-	-	1	1	1	1	1
18490	372372	5061238	Surface	60.8	9916	7262	2914	68	1	147	35200	1	1	1	36	-	-	-	-	-	1	1	1	8	1
18491	372376	5061264	Surface	61.4	9819	7594	2725	38	44	194	30200	1	1	1	24	-	-	-	-	-	1	1	1	5	1
18492	372382	5061283	Surface	61	6111	9503	2926	155	134	273	56000	1	1	1	56	-	-	-	-	-	1	1	1	4	1
18493	372380	5061308	Surface	61	4959	7515	2253	78	61	1	25400	1	1	1	76	-	-	-	-	-	1	1	1	1	1
18494	372386	5061331	Surface	61	8264	12300	3794	127	102	133	38100	1	1	1	75	-	-	-	-	-	1	1	1	10	1
18495	373718	5060781	Surface	61.1	8054	16400	2598	117	93	825	35900	1	1	1	112	-	-	-	-	-	1	1	1	5	1
18496	373714	5060799	Surface	61.1	7355	16200	3159	168	130	654	50000	1	1	35	151	-	-	-	-	-	1	1	1	1	1
18497	373720	5060828	Surface	61.1	5239	24000	4583	236	172	1577	65600	1	1	33	202	-	-	-	-	-	1	1	1	7	1
18498	373726	5060858	Surface	61.1	6125	14000	3401	185	69	528	56200	1	1	12	118	-	-	-	-	-	1	1	1	4	1
18499	373728	5060886	Surface	61.2	9435	12300	3560	138	111	277	38600	1	1	1	81	-	-	-	-	-	1	1	1	1	1
18500	373736	5060902	Surface	61.7	8120	14300	2895	137	127	419	43800	1	1	16	126	-	-	-	-	-	1	1	1	6	1
18501	373510	5061070	Surface	62.8	9330	17000	3103	118	90	472	41300	1	1	26	89	-	-	-	-	-	1	1	1	1	1
18502	373521	5061085	Surface	61.1	7315	14200	2797	111	90	330	38100	1	1	1	82	-	-	-	-	-	1	1	1	1	1
18503	371948	5061450	Surface	60.2	8577	12300	3241	124	111	212	41100	1	1	1	65	-	-	-	-	-	1	1	1	1	1
18504	371932	5061449	Surface	61.2	6763	11700	2930	194	143	400	54600	1	1	1	57	-	-	-	-	-	1	1	1	1	1
18505	371904	5061460	Surface	62.5	4607	6358	2805	105	69	1	29200	1	1	1	29	-	-	-	-	-	1	67	1	1	1
18506	371906	5061483	Surface	61.3	7216	15700	4182	146	77	387	34700	1	1	1	42	-	-	-	-	-	1	1	1	4	1
18507	371886	5061489	Surface	61.6	5489	9272	2515	84	72	1	20400	1	1	1	38	-	-	-	-	-	1	1	1	1	1
18508	371881	5061495	Surface	61.9	5628	10400	2849	133	112	151	47800	1	1	1	45	-	-	-	-	-	1	1	1	1	1
18509	371857	5061522	Surface	61.3	6377	10500	2972	154	100	166	45000	1	1	43	49	-	-	-	-	-	1	1	1	1	1
18510	371840	5061524	Surface	62.2	7428	10300	3591	191	131	210	50400	1	1	1	64	-	-	-	-	-	1	1	1	1	1
18511	371794	5061509	Surface	61.7	7482	16500	3154	151	110	815	48600	1	1	24	144	-	-	-	-	-	1	48	1	5	1
18512	371812	5061499	Surface	61.4	8676	14700	3313	165	84	386	44300	1	1	17	107	-	-	-	-	-	1	1	1	1	1
18513	371833	5061485	Surface	61.3	8079	12800	3062	88	119	300	38800	1	1	1	76	-	-	-	-	-	1	1	1	1	1
18514	371847	5061481	Surface	61.2	5668	21100	3490	203	216	2179	57500	1	1	1	266	-	-	-	-	-	1	1	1	4	1
18515	371854	5061474	Surface	61.2	8321	17900	3925	174	140	939	45700	1	1	15	100	-	-	-	-	-	1	39	1	1	1
18516	371876	5061449	Surface	61.3	8095	12600	3087	151	127	279	41400	1	1	20	92	-	-	-	-	-	1	1	1	1	1
18517	371886	5061438	Surface	60.8	7167	13400	3305	203	132	508	46400	1	1	22	50	-	-	-	-	-	1	1	1	1	1
18518	371904	5061432	Surface	61.2	6121	17900	3666	156	76	767	53300	1	1	1	125	-	-	-	-	-	1	1	1	1	1
18519	371883	5061390	Surface	61.1	8118	15000	2699	160	140	572	48300	1	1	22	129	-	-	-	-	-	1	1	1	4	1
18520	371853	5061391	Surface	64.3	9108	15400	3285	121	125	424	43100	1	1	1	128	-	-	-	-	-	1	1	1	1	1
18521	371836	5061399	Surface	61.6	7025	15000	2973	150	93	1054	44100	1	1	12	1145	-	-	-	-	-	1	35	1	5	1
18522	371811	5061415	Surface	67.7	6092	10800	2427	116	88	348	37600	1	1	1	83	-	-	-	-	-	1	1	1	1	1
18523	371803	5061427	Surface	62.6	6684	15800	3192	193	98	526	54400	1	1	34	133	-	-	-	-	-	1	35	1	4	1
18524	371752	5061423	Surface	64.1	11600	15700	3204	141	117	619	38000	1	1	1	89	-	-	-	-	-	1	1	1	1	1
18525	371765	5061408	Surface	61	8083	12800	2575	120	153	2033	45000	1	1	18	154	-	-	-	-	-	1	1	1	1	1
18526	371778	5061396	Surface	61.2	7582	16000	3162	182	135	580	55100	1	1	14	116	-	-	-	-	-	1	1	1	6	1
18527	371785	5061385	Surface	60.9	6539	8681	2623	170	184	2349	50700	1	1	47	206	-	-	-	-	-	1	1	1	4	1
18528	371798	5061377	Surface	64	9077	15500	3012	142	81	401	40100	1	1	21	89	-	-	-	-	-	1	1	1	1	1
18529	371825	5061353	Surface	61.1	9667	13200	3460	135	91	514	42100	1	1	14	107	-	-	-	-	-	1	1	1	4	1
18530	371844	5061355	Surface	61.3	5055	8994	1948	161	123	2221	53200	1	1	80	219	-	-	-	-	-	1	1	1	1	1
18531	371824	5061304	Surface	60.9	9137	13100	2996	121	103	258	38000	1	1	1	83	-	-	-	-	-	1	1	1	6	1
18532	371814	5061309	Surface	60.6	9932	12900	3282	121	124	708	38800	1	1	1	125	-	-	-	-	-	1	1	1	1	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18533	371782	5061318	Surface	61.2	9231	16800	2749	135	132	797	40300	1	1	21	87	-	-	-	-	-	1	1	5	1	1
18534	371765	5061329	Surface	60.8	8899	15000	2964	108	100	741	41100	1	1	22	104	-	-	-	-	-	1	1	1	7	1
18535	371754	5061352	Surface	61.2	9250	11200	3067	111	140	676	39100	1	1	38	100	-	-	-	-	-	1	1	1	1	1
18536	371652	5061114	Surface	60.9	5910	19300	3030	236	189	1250	60800	1	1	19	93	-	-	-	-	-	1	1	1	1	1
18537	371630	5061106	Surface	60.9	7252	10600	2647	117	73	215	42400	1	1	18	77	-	-	-	-	-	1	1	1	1	1
18538	371625	5061126	Surface	61.3	4797	15400	3699	215	148	2904	69200	1	1	33	146	-	-	-	-	-	1	1	1	1	1
18539	371607	5061130	Surface	61.2	4185	9075	2339	155	117	463	60900	1	1	24	48	-	-	-	-	-	1	1	1	4	1
18540	371593	5061141	Surface	61	5800	8506	2632	175	136	127	63800	1	1	19	43	-	-	-	-	-	1	1	1	1	1
18541	371575	5061143	Surface	61.2	8326	15000	4011	201	139	527	49800	1	1	1	120	-	-	-	-	-	1	1	1	1	1
18542	371550	5061169	Surface	63.6	7787	14300	3056	169	93	442	40100	1	1	1	87	-	-	-	-	-	1	1	1	1	1
18543	371540	5061176	Surface	61.2	7648	11300	2985	122	78	416	38500	1	1	1	103	-	-	-	-	-	1	34	1	1	1
18544	371520	5061187	Surface	61.2	5136	21700	3282	198	118	609	62100	95	1	36	87	-	-	-	-	-	1	1	1	1	1
18554	371503	5061190	Surface	60.1	6253	24500	3389	185	133	1302	52800	139	1	1	68	-	-	-	-	-	1	1	1	1	1
18555	371481	5061203	Surface	63.7	8570	15000	3371	109	160	344	40400	78	1	1	79	-	-	-	-	-	1	1	1	3	1
18556	371472	5061218	Surface	64	7972	12700	2697	106	99	197	35300	1	1	1	74	-	-	-	-	-	1	1	1	3	1
18557	371459	5061202	Surface	60	7979	16400	2858	155	124	398	50400	1	1	17	98	-	-	-	-	-	1	1	1	4	1
18558	371459	5061178	Surface	60.8	7832	13500	2745	134	140	183	37400	1	1	1	60	-	-	-	-	-	1	1	1	5	1
18559	371473	5061167	Surface	61.2	8145	15700	2880	134	151	334	43600	1	1	33	68	-	-	-	-	-	1	1	1	4	1
18560	371486	5061165	Surface	60.9	5292	24900	3218	244	172	713	71200	1	1	34	98	-	-	-	-	-	1	1	1	1	1
18561	371497	5061139	Surface	61.7	4564	21200	3420	162	76	691	51900	1	1	1	61	-	-	-	-	-	1	1	1	1	1
18562	371511	5061153	Surface	61	5676	11800	3857	208	212	809	56000	1	1	27	157	-	-	-	-	-	1	1	1	5	1
18563	371526	5061141	Surface	61.1	8705	12100	3323	114	108	259	40600	1	1	1	68	-	-	-	-	-	1	1	1	1	1
18564	371534	5061121	Surface	61.2	8133	10600	2908	115	123	3101	37000	1	1	1	134	-	-	-	-	-	1	1	1	1	1
18565	371552	5061114	Surface	61.5	7169	10800	3357	127	112	203	48000	1	1	1	73	-	-	-	-	-	1	1	1	1	1
18566	371571	5061097	Surface	65.4	6830	11700	2919	168	90	227	43700	1	1	15	52	-	-	-	-	-	1	35	1	6	1
18567	371574	5061071	Surface	62	8126	13600	3211	123	110	299	40300	1	1	1	63	-	-	-	-	-	1	1	1	6	1
18568	371609	5061081	Surface	61.9	8128	14900	3302	157	96	488	46300	1	1	1	96	-	-	-	-	-	1	1	1	3	1
18569	371628	5061067	Surface	61.8	9374	13300	3436	115	111	241	43700	1	1	1	62	-	-	-	-	-	1	1	1	1	1
18570	371595	5061025	Surface	61.2	7895	21400	3997	140	350	577	49200	1	1	1	56	-	-	-	-	-	1	1	1	6	1
18571	371570	5061040	Surface	64.1	8133	14800	3613	185	137	570	49500	1	1	53	73	-	-	-	-	-	1	1	1	5	1
18572	371566	5061043	Surface	61	7106	14500	3351	159	167	808	48000	1	1	1	114	-	-	-	-	-	1	1	1	3	1
18573	371546	5061052	Surface	61.7	6950	14400	3437	184	159	362	47700	1	1	32	84	-	-	-	-	-	1	69	1	1	1
18574	371546	5061062	Surface	61.8	6318	19700	3967	228	135	602	57700	1	1	1	69	-	-	-	-	-	1	36	1	3	1
18575	371521	5061064	Surface	61.2	7854	12700	2909	146	120	355	40900	1	1	15	77	-	-	-	-	-	1	1	1	3	1
18576	371505	5061087	Surface	62.1	7372	14400	2759	164	122	343	44500	1	1	33	97	-	-	-	-	-	1	1	1	1	1
18577	371500	5061087	Surface	61.7	9093	14800	3017	128	138	374	38900	1	1	13	78	-	-	-	-	-	1	51	1	1	1
18578	371488	5061100	Surface	60.9	7286	17100	3132	190	203	522	48200	1	1	1	145	-	-	-	-	-	1	1	1	5	1
18579	371465	5061108	Surface	61.1	6300	12700	2734	121	134	256	43900	1	1	31	119	-	-	-	-	-	1	1	1	1	1
18580	371450	5061122	Surface	61.2	7582	20700	2352	121	130	416	40500	1	1	16	81	-	-	-	-	-	1	1	1	1	1
18581	371467	5061059	Surface	61	8461	15700	2714	149	87	479	34400	1	1	1	136	-	-	-	-	-	1	1	1	1	1
18582	371532	5061004	Surface	61.3	7407	14700	2751	138	98	322	45700	1	1	19	82	-	-	-	-	-	1	1	1	1	1
18583	371544	5060994	Surface	62.7	6761	12800	2776	133	109	277	41000	1	1	14	60	-	-	-	-	-	1	1	1	4	1
18584	371478	5060990	Surface	61.3	6556	15500	2888	155	132	1340	52500	1	1	52	114	-	-	-	-	-	1	1	1	5	1
18585	371470	5060995	Surface	60.4	9768	15600	3064	175	85	434	39500	1	1	46	92	-	-	-	-	-	1	1	1	1	1
18586	371474	5060972	Surface	61.7	7760	13700	3359	137	81	306	39700	1	1	40	80	-	-	-	-	-	1	1	1	1	1
18587	371500	5060958	Surface	63.6	7763	11200	3777	211	120	375	44200	1	1	23	56	-	-	-	-	-	1	1	1	1	1
18588	371513	5060961	Surface	61.4	8523	14900	2829	139	112	255	41300	1	1	30	65	-	-	-	-	-	1	47	1	5	1
18589	371534	5060943	Surface	63.3	7945	14200	3268	159	150	433	43700	1	1	22	71	-	-	-	-	-	1	1	1	5	1
18590	371511	5060915	Surface	61.5	8713	13900	3094	122	135	418	38000	1	1	23	60	-	-	-	-	-	1	1	1	1	1
18591	371488	5060915	Surface	61.3	7580	13100	3345	147	150	324	47300	1	1	35	65	-	-	-	-	-	1	34	1	6	1
18592	371472	5060917	Surface	61.8	4375	16400	5050	260	106	950	69000	1	1	14	49	-	-	-	-	-	1	1	1	1	1
18593	371454	5060932	Surface	60.8	6351	10300	2410	158	111	197	45900	1	1	44	41	-	-	-	-	-	1	1	1	6	1
18594	371469	5060895	Surface	61.5	7925	12700	2966	134	88	487	47400	1	1	98	95	-	-	-	-	-	1	1	1	1	1
18595	371455	5060880	Surface	61.4	3127	13300	4732	289	108	1082	78700	1	1	146	122	-	-	-	-	-	1	1	1	1	1
18596	371430	5060952	Surface	61.5	8019	16700	3430	170	154	540	49700	1	1	1	89	-	-	-	-	-	1	1	1	4	1
18597	371395	5060957	Surface	61.7	7523	16700	2975	181	130	713	53100	1	1	28	141	-	-	-	-	-	1	65	1	1	1
18598	371389	5060982	Surface	68.8	5920	11400	2113	104	104	276	34200	1	1	23	78	-	-	-	-	-	1	1	1	1	1
18599	371380	5060982	Surface	60.7	8192	12400	3039	125	79	263	38400	1	1	16	70	-	-	-	-	-	1	35	1	1	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18600	371360	5060990	Surface	62.1	7714	13500	3403	142	106	351	45300	1	1	1	85	-	-	-	-	-	1	1	1	4	1
18601	373736	5060917	Surface	60	4951	20000	2826	217	118	1501	65000	1	1	93	140	-	-	-	-	-	1	1	1	5	1
18602	373742	5060950	Surface	61.7	6488	11700	2529	125	117	379	43700	1	1	1	100	-	-	-	-	-	1	1	1	3	1
18603	373693	5060962	Surface	61.1	10300	15400	3374	135	114	507	33800	1	1	1	86	-	-	-	-	-	1	1	1	1	1
18604	373692	5060943	Surface	61.4	5652	20900	3107	200	292	3392	65600	1	1	1	128	-	-	-	-	-	1	1	1	1	1
18605	373690	5060926	Surface	62	5906	8519	2313	102	103	75	38500	1	1	14	55	-	-	-	-	-	1	33	1	3	1
18606	373684	5060902	Surface	61	8781	14200	2956	94	90	294	39400	1	1	36	75	-	-	-	-	-	1	89	1	1	1
18607	373679	5060886	Surface	63.7	9993	12300	3496	136	76	171	35800	1	1	1	77	-	-	-	-	-	1	1	1	5	1
18608	373678	5060864	Surface	62	7129	13300	3040	146	103	806	42400	1	1	15	102	-	-	-	-	-	1	34	1	5	1
18609	373679	5060847	Surface	62.7	5291	19600	3490	173	111	520	43200	1	1	33	57	-	-	-	-	-	1	95	1	7	1
18610	373671	5060827	Surface	63.2	6886	12800	2784	104	65	641	37100	1	1	29	95	-	-	-	-	-	1	1	1	9	1
18611	373616	5060820	Surface	62.8	8154	14100	2910	157	136	396	44500	1	1	1	99	-	-	-	-	-	1	1	1	1	1
18612	373625	5060840	Surface	62.3	7925	17100	2993	154	145	857	44400	1	1	14	148	-	-	-	-	-	1	1	1	1	1
18613	373627	5060860	Surface	63.3	9132	14200	3317	121	129	296	41500	1	1	1	110	-	-	-	-	-	1	1	1	1	1
18614	373635	5060880	Surface	62	9456	12000	3444	98	76	218	37500	1	1	1	105	-	-	-	-	-	1	1	1	5	1
18615	373632	5060896	Surface	61.1	8976	13800	2896	137	88	333	36000	1	1	1	116	-	-	-	-	-	1	1	1	1	1
18616	373636	5060918	Surface	61	10100	17200	3347	108	84	643	33900	1	1	1	61	-	-	-	-	-	1	1	1	1	1
18617	373647	5060956	Surface	61	7207	11800	2812	106	86	786	37700	1	1	1	79	-	-	-	-	-	1	44	1	1	1
18618	373646	5060995	Surface	61.5	11700	14400	3444	129	125	441	39500	1	1	1	90	-	-	-	-	-	1	1	1	4	1
18619	373608	5061041	Surface	60.9	7697	11900	2634	111	112	405	35100	1	1	1	78	-	-	-	-	-	1	1	1	5	1
18620	373603	5061017	Surface	61.2	8882	11800	3043	103	59	479	37700	1	1	1	90	-	-	-	-	-	1	1	1	1	1
18621	373598	5060981	Surface	61.2	8828	17800	2919	168	107	574	43900	1	1	33	63	-	-	-	-	-	1	1	1	1	1
18622	373594	5060962	Surface	61.9	7667	13000	2601	96	55	761	32800	1	1	1	93	-	-	-	-	-	1	1	1	1	1
18623	373594	5060933	Surface	62.8	9230	14400	2564	122	100	755	36000	1	1	26	69	-	-	-	-	-	1	1	1	4	1
18624	373586	5060919	Surface	60.9	6354	12100	2347	130	92	775	34800	1	1	1	129	-	-	-	-	-	1	33	1	5	1
18625	373584	5060898	Surface	64.1	9953	16600	2993	127	149	691	38300	1	1	17	90	-	-	-	-	-	1	1	1	1	1
18626	373580	5060882	Surface	64.9	12200	13900	3495	160	122	924	43400	1	1	1	92	-	-	-	-	-	1	1	1	1	1
18627	373578	5060861	Surface	61.6	9256	12900	3126	160	161	242	38200	1	1	1	139	-	-	-	-	-	1	1	1	1	1
18628	373574	5060841	Surface	60.9	10000	13500	3330	115	127	306	37300	1	1	1	208	-	-	-	-	-	1	1	1	1	1
18629	373565	5060827	Surface	67.3	9052	14900	3103	125	126	361	47300	1	1	24	105	-	-	-	-	-	1	1	1	1	1
18630	373565	5060803	Surface	60.5	5088	22500	4042	226	107	830	67700	94	1	46	119	-	-	-	-	-	1	1	1	1	1
18631	373563	5060771	Surface	67.6	7389	12300	2271	94	99	162	39200	1	1	45	105	-	-	-	-	-	1	1	1	5	1
18632	373557	5061073	Surface	66.6	8077	12900	3168	140	87	371	44200	1	1	1	96	-	-	-	-	-	1	1	1	3	1
18633	373556	5061058	Surface	61.6	11400	16300	3034	138	163	578	41300	1	1	61	84	-	-	-	-	-	1	1	1	1	1
18634	373550	5061030	Surface	61.2	8077	14300	2761	126	95	735	42600	1	1	15	126	-	-	-	-	-	1	1	1	1	1
18635	373547	5061008	Surface	62.4	8856	13900	2973	114	82	383	36800	1	1	1	98	-	-	-	-	-	1	1	1	1	1
18636	373545	5060964	Surface	62.8	8836	13700	2954	78	122	383	36200	1	1	1	90	-	-	-	-	-	1	1	1	1	1
18637	373536	5060952	Surface	61	7448	15300	4157	178	117	811	55400	1	1	1	133	-	-	-	-	-	1	1	1	1	1
18638	373533	5060934	Surface	61.4	7673	11800	3211	115	87	250	46500	1	1	1	73	-	-	-	-	-	1	1	1	1	1
18639	373528	5060910	Surface	61	2106	6549	881	42	37	1	10000	1	1	1	66	-	-	-	-	-	1	31	1	3	1
18640	373528	5060896	Surface	64.7	10600	13900	3457	144	116	422	39800	1	1	1	122	-	-	-	-	-	1	1	1	4	1
18641	373097	5062329	Surface	61.8	8445	14500	3055	135	148	621	42700	1	1	20	112	-	-	-	-	-	1	1	1	1	1
18642	373100	5062346	Surface	61.1	4407	14400	4493	361	115	1448	70100	1	1	20	84	-	-	-	-	-	1	1	1	4	1
18643	373100	5062369	Surface	60.9	9411	13100	3542	115	118	908	41800	1	1	1	90	-	-	-	-	-	1	1	1	7	1
18644	373103	5062389	Surface	62.1	6846	15700	4275	263	184	2224	60600	1	1	22	169	-	-	-	-	-	1	43	1	3	1
18645	373099	5062408	Surface	62	6573	12900	3248	222	126	2239	51200	1	1	16	99	-	-	-	-	-	1	1	1	4	1
18646	373103	5062426	Surface	61.8	8818	18100	3096	172	158	639	43300	1	1	21	81	-	-	-	-	-	1	1	1	1	1
18647	373102	5062442	Surface	61.8	8036	13500	2858	119	102	344	37000	1	1	22	104	-	-	-	-	-	1	1	1	1	1
18648	373105	5062467	Surface	64.1	8995	14900	3111	162	130	543	42400	1	1	1	84	-	-	-	-	-	1	1	1	4	1
18649	373102	5062487	Surface	62.3	9121	12700	3532	124	86	285	35800	1	1	1	75	-	-	-	-	-	1	1	1	3	1
18650	373109	5062512	Surface	60.8	9220	15300	3357	137	75	397	38400	1	1	1	81	-	-	-	-	-	1	1	1	4	1
18651	373057	5062556	Surface	64	9251	14900	2830	118	104	842	35400	1	1	22	102	-	-	-	-	-	1	1	1	1	1
18652	373051	5062531	Surface	61.9	9176	15400	3302	123	113	506	43900	1	1	1	97	-	-	-	-	-	1	1	1	1	1
18653	373056	5062514	Surface	61.8	5046	12900	2288	114	92	222	32500	1	1	1	93	-	-	-	-	-	1	1	1	3	1
18654	373057	5062491	Surface	61.8	5122	8130	1757	49	53	1	16000	1	1	1	81	-	-	-	-	-	1	1	1	1	1
18655	373050	5062474	Surface	63.2	4891	11700	1977	94	61	289	31200	1	1	14	44	-	-	-	-	-	1	1	1	3	1
18656	373053	5062445	Surface	63.4	8473	14100	2860	106	121	341	34500	1	1	1	75	-	-	-	-	-	1	1	1	8	1
18657	373053	5062427	Surface	61.3	7962	13200	2997	131	134	372	35600	1	1	1	132	-	-	-	-	-	1	1	1	5	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18658	373051	5062406	Surface	63.3	3498	23800	2409	205	158	977	58500	1	1	1	75	-	-	-	-	-	1	39	1	1	1
18659	373044	5062384	Surface	62	8902	12700	3296	133	86	409	39500	1	1	1	80	-	-	-	-	-	1	1	1	1	1
18660	373045	5062373	Surface	61.6	7260	12800	3265	168	145	410	50000	1	1	27	93	-	-	-	-	-	1	1	1	5	1
18661	373050	5062348	Surface	60.7	7870	14300	4422	306	128	455	57200	1	1	1	67	-	-	-	-	-	1	1	1	5	1
18662	373001	5062432	Surface	61.5	8487	16300	3034	120	100	512	36500	1	1	1	89	-	-	-	-	-	1	1	1	1	1
18663	373001	5062461	Surface	61.2	7416	12500	3317	123	66	1826	42300	1	1	1	85	-	-	-	-	-	1	1	1	5	1
18664	373003	5062481	Surface	61.6	5869	10300	2193	90	74	74	26900	1	1	1	37	-	-	-	-	-	1	1	1	1	1
18665	373003	5062495	Surface	63.9	4722	9616	2106	94	80	123	32900	1	1	1	50	-	-	-	-	-	1	1	1	1	1
18666	373015	5062520	Surface	60.8	7428	12400	2528	87	98	208	32300	1	1	1	57	-	-	-	-	-	1	1	1	1	1
18667	373003	5062538	Surface	61.2	8743	13000	3258	112	104	568	36200	1	1	1	86	-	-	-	-	-	1	1	1	1	1
18668	373009	5062552	Surface	62.2	7923	13600	3046	152	115	1085	39700	1	1	1	105	-	-	-	-	-	1	32	1	1	1
18669	372958	5062580	Surface	60.6	8071	14700	3174	152	138	483	44200	1	1	1	89	-	-	-	-	-	1	37	1	5	1
18670	372958	5062549	Surface	62.6	8591	14000	2902	127	114	639	39800	1	1	1	84	-	-	-	-	-	1	39	1	4	1
18671	372954	5062532	Surface	68.1	7572	13500	2494	125	106	385	36200	1	1	30	60	-	-	-	-	-	1	1	1	1	1
18672	372954	5062514	Surface	61.4	6600	13200	2364	160	191	1353	42500	1	1	27	118	-	-	-	-	-	1	1	1	1	1
18673	372952	5062487	Surface	61.8	7481	13100	2578	130	92	598	34700	1	1	1	77	-	-	-	-	-	1	1	1	6	1
18674	372951	5062469	Surface	61	8363	15200	3722	161	162	738	47300	1	1	1	88	-	-	-	-	-	1	1	1	6	1
18675	372954	5062451	Surface	61.4	7057	11700	2741	95	101	282	36100	1	1	1	38	-	-	-	-	-	1	1	1	1	1
18676	372955	5062435	Surface	62	7326	20400	2492	175	121	1338	46400	1	1	37	69	-	-	-	-	-	1	1	1	3	1
18677	372896	5061919	Surface	62	5125	9393	2043	102	71	1154	30800	1	1	1	107	-	-	-	-	-	1	1	1	1	1
18678	372895	5061951	Surface	66.3	4154	17300	2090	209	112	1303	52200	1	1	70	189	-	-	-	-	-	1	1	1	5	1
18679	372897	5061973	Surface	61.5	8734	13600	3729	150	141	502	47900	1	1	28	112	-	-	-	-	-	1	1	1	1	1
18680	372898	5061997	Surface	62.9	7678	13400	2937	124	98	803	42100	1	1	13	127	-	-	-	-	-	1	1	1	1	1
18681	372941	5061985	Surface	61.6	10400	14300	3089	131	100	616	39600	1	1	1	95	-	-	-	-	-	1	1	1	1	1
18682	372935	5061967	Surface	62.1	7503	10500	2614	151	129	536	37500	1	1	35	135	-	-	-	-	-	1	1	1	3	1
18683	372941	5061947	Surface	61.9	8755	13400	3020	110	121	430	37100	1	1	1	102	-	-	-	-	-	1	1	1	5	1
18684	372944	5061921	Surface	60.7	6256	11700	2380	107	95	492	36100	73	1	47	76	-	-	-	-	-	1	122	1	4	1
18685	372987	5061926	Surface	61.5	9274	13000	3133	146	154	663	37000	1	1	1	102	-	-	-	-	-	1	1	1	6	1
18686	372994	5061944	Surface	63.4	6021	13100	3118	153	88	994	43500	1	1	1	121	-	-	-	-	-	1	1	1	1	1
18687	372977	5061976	Surface	63.2	7275	11700	2546	95	110	376	36000	1	1	1	75	-	-	-	-	-	1	1	1	3	1
18688	372987	5061996	Surface	62	9930	14100	2946	104	97	500	34600	1	1	1	81	-	-	-	-	-	1	1	1	5	1
18689	372993	5062023	Surface	61	9628	13800	3137	100	101	358	36100	1	1	1	76	-	-	-	-	-	1	1	1	1	1
18690	373044	5062045	Surface	63.6	8752	16900	3335	153	138	873	48800	1	1	33	108	-	-	-	-	-	1	1	1	1	1
18691	373042	5062020	Surface	60.8	7755	17200	3073	169	169	840	51500	1	1	44	236	-	-	-	-	-	1	1	1	1	1
18692	373040	5061990	Surface	61	9767	13000	3066	138	106	1078	38900	1	1	12	129	-	-	-	-	-	1	1	1	1	1
18693	373044	5061969	Surface	61.4	8558	21000	3455	181	134	709	52500	1	1	55	119	-	-	-	-	-	1	1	1	1	1
18694	373040	5061919	Surface	62.2	8152	12600	2707	122	129	857	34600	1	1	1	110	-	-	-	-	-	1	1	1	1	1
18695	373346	5062057	Surface	62.9	7503	10900	2767	142	81	321	38100	1	1	1	442	-	-	-	-	-	1	1	1	1	1
18696	373343	5062083	Surface	64.5	5089	11400	2292	126	87	145	37700	1	1	1	141	-	-	-	-	-	1	1	1	4	1
18697	373296	5062053	Surface	61.6	4771	12600	4123	280	142	2539	79900	1	1	55	530	-	-	-	-	-	1	1	1	1	1
18698	373294	5062038	Surface	61.5	7479	15800	3105	154	123	478	49500	1	1	1	196	-	-	-	-	-	1	1	1	1	1
18699	373293	5061993	Surface	65.4	6138	10100	2417	103	65	115	33600	1	1	29	75	-	-	-	-	-	1	1	1	1	1
18700	373245	5062009	Surface	61.5	7218	15700	3460	240	174	419	55400	1	1	88	145	-	-	-	-	-	1	1	1	1	1
18701	371358	5060713	Surface	62	7710	11600	3057	142	137	178	40400	1	1	1	64	-	-	-	-	-	1	1	1	1	1
18702	371325	5060735	Surface	62	9373	13900	3269	159	137	272	38900	1	1	1	100	-	-	-	-	-	1	1	1	1	1
18703	371294	5060739	Surface	62	6995	13400	2681	164	145	324	44000	1	1	1	87	-	-	-	-	-	1	1	1	1	1
18704	371277	5060752	Surface	62	8330	16000	3365	167	145	296	46200	1	1	31	80	-	-	-	-	-	1	1	1	1	1
18705	371221	5060796	Surface	65.5	10400	14500	3227	96	122	309	34500	1	1	1	96	-	-	-	-	-	1	33	1	1	1
18706	371195	5060803	Surface	61.2	7748	16900	3286	138	122	1633	38400	1	1	1	100	-	-	-	-	-	1	44	1	4	1
18707	371181	5060774	Surface	62.3	9001	16200	3095	111	100	328	38200	1	1	1	65	-	-	-	-	-	1	1	1	5	1
18708	371197	5060761	Surface	61.8	9746	12100	3579	114	115	436	38500	1	1	17	116	-	-	-	-	-	1	1	1	1	1
18709	371201	5060754	Surface	64.8	10300	17500	2939	137	101	518	36300	1	1	26	52	-	-	-	-	-	1	38	7	1	1
18710	371207	5060729	Surface	61.7	4743	20700	3625	260	150	1965	66300	1	1	20	247	-	-	-	-	-	1	1	1	1	1
18711	371234	5060718	Surface	61.9	6472	15000	3417	215	147	508	50500	1	1	28	122	-	-	-	-	-	1	1	1	1	1
18712	371247	5060704	Surface	62.3	8670	13400	3487	161	127	319	51000	1	1	18	63	-	-	-	-	-	1	1	1	1	1
18713	371184	5060685	Surface	62.3	6694	10800	3024	141	11	593	49300	1	1	21	181	-	-	-	-	-	1	1	1	1	1
18714	371133	5060715	Surface	62	9430	13100	3245	144	140	307	43600	1	1	1	90	-	-	-	-	-	1	1	1	5	1
18715	371134	5060692	Surface	62.5	8821	12400	2701	128	132	434	39800	1	1	1	110	-	-	-	-	-	1	1	1	1	1

ID	East	North	Elev	sec	K PPM	Ca PPM	Ti PPM	V PPM	Cr PPM	Mn PPM	Fe PPM	CO PPM	NI PPM	CU PPM	ZN PPM	Rb PPM	Sr PPM	Zr PPM	Nb PPM	Sn PPM	Sb PPM	W PPM	Bi PPM	As PPM	AG PPM
18716	371148	5060671	Surface	60.9	8508	13500	3339	151	127	641	44800	72	1	26	141	-	-	-	-	-	1	1	1	1	1
18717	371158	5060667	Surface	61.9	8477	14000	2891	120	121	368	44300	1	1	12	103	-	-	-	-	-	1	1	1	1	1
18718	371178	5060664	Surface	60.9	8043	15300	3328	173	156	664	48300	1	1	38	93	-	-	-	-	-	1	51	1	8	1
18719	371188	5060637	Surface	60.9	8564	15400	2869	151	129	359	38400	1	1	17	82	-	-	-	-	-	1	1	1	4	1
18720	371170	5060605	Surface	61	8321	13300	2824	68	111	505	31900	1	1	1	93	-	-	-	-	-	1	1	1	3	1
18721	371160	5060609	Surface	63.8	8153	16500	3089	145	142	373	45700	1	1	24	80	-	-	-	-	-	1	1	1	5	1
18722	371140	5060610	Surface	61.2	8461	14400	2701	79	64	504	30500	1	1	1	60	-	-	-	-	-	1	1	1	3	1
18723	371118	5060616	Surface	60.7	7446	14600	2357	79	69	391	28900	1	1	1	61	-	-	-	-	-	1	1	1	3	1
18724	371103	5060637	Surface	61.5	6923	10700	2692	101	103	182	34400	1	1	1	88	-	-	-	-	-	1	1	1	3	1
18725	371062	5060596	Surface	61.9	8199	13400	2352	96	110	222	30100	1	1	1	77	-	-	-	-	-	1	1	1	1	1
18726	372864	5061206	Surface	61.2	9124	13300	2731	104	104	458	31600	1	1	1	143	-	-	-	-	-	1	1	1	1	1
18727	372869	5061206	Surface	62.6	5047	8909	1807	59	58	1	23900	1	1	16	44	-	-	-	-	-	1	1	1	1	1
18728	372869	5061182	Surface	62.2	7672	10300	2770	119	63	303	44600	1	1	1	87	-	-	-	-	-	1	1	1	3	1
18729	372870	5061169	Surface	60.5	10100	11000	3205	111	107	401	34200	1	1	1	62	-	-	-	-	-	1	1	1	1	1
18730	372868	5061139	Surface	62.6	6851	9598	2396	93	73	146	31000	1	1	1	70	-	-	-	-	-	1	1	1	1	1
18731	372862	5061114	Surface	61.9	7944	12100	2599	116	70	211	35800	1	1	1	62	-	-	-	-	-	1	1	1	1	1
18732	372852	5061108	Surface	62.1	9563	12300	3641	90	114	304	43100	1	1	1	79	-	-	-	-	-	1	1	1	7	1
18733	372850	5061083	Surface	61.3	9290	14300	2945	138	110	511	40500	1	1	1	100	-	-	-	-	-	1	1	1	1	1
18734	372841	5061083	Surface	61.6	9541	15700	3222	140	106	471	41600	1	1	1	93	-	-	-	-	-	1	51	1	6	1
18735	372833	5061058	Surface	61.6	6735	11700	2706	85	89	650	35600	1	1	1	115	-	-	-	-	-	1	1	1	1	1
18736	372895	5061018	Surface	62.4	8054	14100	3624	144	124	298	42600	1	1	17	68	-	-	-	-	-	1	1	1	1	1
18737	372886	5061061	Surface	63.3	9891	15300	3100	127	91	295	37300	1	1	17	103	-	-	-	-	-	1	1	4	1	1
18738	372900	5061086	Surface	64.1	9393	10400	3856	110	69	133	31700	1	1	1	43	-	-	-	-	-	1	1	1	4	1
18739	372916	5061127	Surface	63.2	8563	10700	3178	209	149	490	53100	1	1	42	113	-	-	-	-	-	1	1	1	1	1
18740	372935	5061179	Surface	61.7	9992	10400	3564	149	109	257	45100	1	1	1	57	-	-	-	-	-	1	1	1	4	1
18741	372964	5061193	Surface	61.7	9960	8585	2954	95	108	415	51300	1	1	14	69	-	-	-	-	-	1	1	1	1	1
18742	372962	5061166	Surface	60.8	8832	14500	3158	166	124	747	42100	1	1	24	101	-	-	-	-	-	1	1	7	1	1
18743	372959	5061147	Surface	61.8	12900	8783	4369	97	89	155	32500	1	1	1	30	-	-	-	-	-	1	40	1	1	1
18744	372956	5061131	Surface	62	9025	13800	3059	93	113	834	39100	1	1	1	98	-	-	-	-	-	1	1	1	1	1
18745	372943	5061115	Surface	65.4	9074	11200	3454	113	78	94	35900	1	1	1	43	-	-	-	-	-	1	1	1	1	1
18746	372949	5061078	Surface	66.7	8420	11400	3034	75	105	240	38100	1	1	1	73	-	-	-	-	-	1	1	1	5	1
18747	372985	5061056	Surface	62.7	8534	14200	3035	122	104	630	41900	1	1	1	129	-	-	-	-	-	1	1	1	1	1
18748	373016	5061142	Surface	61.8	7326	11000	2674	51	55	135	37000	1	1	1	62	-	-	-	-	-	1	1	1	3	1
18749	373022	5061165	Surface	61.8	7208	10200	2721	85	81	318	35600	1	1	1	64	-	-	-	-	-	1	1	1	1	1
18750	373032	5061053	Surface	62.5	9843	16800	3090	135	119	704	37700	1	1	1	166	-	-	-	-	-	1	1	1	1	1
18751	371342	5061014	Surface	64.8	8650	12900	3081	103	110	174	39000	1	1	1	66	-	-	-	-	-	1	1	1	1	1
18752	371329	5061028	Surface	61.6	7792	12000	3145	129	149	298	46900	1	1	24	86	-	-	-	-	-	1	1	1	1	1
18801	373244	5062035	Surface	65.3	8156	12200	3543	143	99	741	46300	1	1	1	126	-	-	-	-	-	1	1	1	1	1
18802	373242	5062059	Surface	62.1	2964	13400	2246	155	86	10600	53200	1	1	146	363	-	-	-	-	-	1	1	1	13	1
18803	373243	5062077	Surface	63.5	4987	6992	1939	87	97	1	30500	1	1	1	50	-	-	-	-	-	1	1	1	1	1
18804	373190	5062103	Surface	61.2	7319	11200	2851	143	86	472	43900	1	1	1	75	-	-	-	-	-	1	34	1	5	1
18805	373192	5062083	Surface	61	4802	14400	2879	137	74	908	50700	1	1	77	108	-	-	-	-	-	1	1	1	5	1
18806	373192	5062059	Surface	61.4	6919	16300	2832	106	132	708	51600	1	1	69	90	-	-	-	-	-	1	1	1	3	1
18807	373194	5062036	Surface	62.2	7869	11700	2756	130	100	443	36800	1	1	1	100	-	-	-	-	-	1	1	1	1	1
18808	373190	5062009	Surface	61.5	9760	13900	3516	158	123	419	43600	73	1	23	123	-	-	-	-	-	1	1	1	1	1
18809	373142	5062009	Surface	63	7251	15000	3534	180	133	1617	51100	1	1	31	252	-	-	-	-	-	1	1	1	1	1
18810	373143	5062037	Surface	61.5	6809	11800	3737	249	141	2026	71500	1	1	1	119	-	-	-	-	-	1	1	1	1	1
18811	373143	5062060	Surface	61.1	7553	12900	3253	141	82	379	47200	1	1	1	95	-	-	-	-	-	1	1	1	1	1
18812	373141	5062090	Surface	61.1	8566	13400	2695	134	79	302	38900	1	1	38	47	19	240	226	9	1	1	1	1	1	1
18813	373141	5062110	Surface	61	1370	19000	4075	283	99	1975	78800	1	1	69	139	3	90	31	3	1	1	56	1	1	1
18814	373142	5062134	Surface	61.2	6590	13800	3681	178	133	695	56400	1	1	77	135	15	176	149	6	1	1	54	1	1	1
18815	373088	5062134	Surface	61.2	5895	15100	3936	201	145	2481	56100	1	1	24	111	21	124	141	7	1	1	1	1	1	1
18816	373094	5062109	Surface	62.9	9029	14100	3383	179	115	457	44000	1	1	95	99	24	271	248	11	1	1	52	1	1	1
18817	373093	5062084	Surface	60.9	9683	13800	3593	152	70	486	39700	1	1	21	73	24	286	232	9	1	1	53	1	4	1
18818	373093	5062063	Surface	61	8491	13900	3142	109	102	346	38800	1	1	1	89	21	282	233	8	1	1	1	1	1	1
18819	373092	5062035	Surface	60.7	6282	12300	3658	225	156	1157	62600	1	1	73	223	18	166	148	6	1	1	34	1	1	1
18820	373090	5062016	Surface	61.7	3361	11500	2238	153	68	914	48200	1	1	38	131	8	107	68	4	1	1	1	1	11	1

ID	East	North	Elev	Sec	K ppm	Ca ppm	Ti ppm	V ppm	Cr ppm	Mn ppm	Fe ppm	Co ppm	Ni ppm	Cu ppm	Zn ppm	Rb ppm	Sr ppm	Zr ppm	Nb ppm	Sn ppm	Sb ppm	W ppm	As ppm	Se ppm	Mo ppm
173301	372142	5063598	Surface	27.9	14872	17278	4431	349	24	502	26199	0	17	-14	60	51	538	730	13	-5	4	-23	3	4	-15
173302	372176	5063600	Surface	28.0	13213	18416	4116	482	42	507	31577	0	49	-1	71	65	534	593	10	19	22	-17	3	2	-11
173303	372191	5063596	Surface	28.1	5033	106461	4570	390	85	566	37767	0	14	6	70	80	501	393	14	28	1	-14	-1	0	-2
173304	372219	5063600	Surface	28.0	2001	58003	3923	550	-24	573	31677	0	-2	-7	50	68	531	440	11	14	2	11	6	0	-6
173305	372249	5063596	Surface	28.0	6021	26334	3951	553	29	697	33464	0	16	-8	43	62	533	481	11	8	15	1	4	0	-7
173306	372272	5063598	Surface	28.0	14726	17052	4291	370	119	512	31738	0	-7	-17	100	57	507	509	13	-1	-10	-27	6	0	-2
173307	372305	5063598	Surface	28.0	12859	17645	3606	557	43	522	27080	0	-1	2	77	51	519	620	10	3	3	-50	-1	0	-11
173308	372323	5063599	Surface	28.0	14398	17340	4088	450	77	749	29680	0	3	20	36	54	535	587	12	18	30	21	-5	-1	-9
173309	?	?	Surface	?	12921	14052	3634	498	96	476	27872	0	25	-8	64	55	534	529	9	17	42	-29	0	-1	-8
173310	372344	5063596	Surface	28.0	12105	14455	4067	482	166	640	30529	0	-8	3	80	59	542	599	11	3	-18	-44	6	4	-10
173311	372375	5063594	Surface	28.0	13194	18514	5196	589	75	658	38747	0	43	-9	77	84	515	529	12	1	-2	-32	8	4	-9
173312	372398	5063595	Surface	28.0	14333	18059	4076	441	83	664	34589	0	24	-8	108	66	452	466	11	-5	6	-13	-1	2	-8
173312	372438	5063606	Surface	28.1	14333	18059	6017	779	-2	2312	73025	0	4	116	1215	40	241	147	4	17	27	-43	9	2	-3
173313	372417	5063596	Surface	28.0	13428	17952	4115	305	65	611	35393	0	28	-13	110	59	455	557	9	17	-3	-19	4	2	-9
173314	372459	5063602	Surface	28.1	13428	17952	676	-164	-106	388	17392	0	-2	30	121	27	164	139	3	22	7	-8	0	0	-1
173315	372496	5063594	Surface	28.1	13977	16850	5094	439	67	2480	46986	0	39	50	112	53	326	404	11	14	7	-33	1	2	-6
173316	372522	5063600	Surface	28.0	15073	16482	4741	468	44	1988	38844	0	16	15	153	61	378	492	12	9	29	-23	-2	2	-12
173317	372543	5063594	Surface	28.1	13217	16445	4202	444	8	929	43657	0	6	30	156	46	355	451	10	-5	10	-32	0	0	-6
173318	372577	5063596	Surface	28.1	11778	28313	5175	403	-64	2029	47700	0	17	2	149	49	333	458	14	36	8	-10	0	0	-9
173251	373027	5063488	Surface	27.9	13228	18298	4727	442	87	1093	41413	0	18	6	104	54	411	455	9	4	32	0	-1	0	-12
173252	372995	5063497	Surface	28.1	6239	20424	7938	502	30	1577	92023	0	5	6	128	25	184	204	3	14	3	-20	1	3	-10
173253	372965	5063500	Surface	28.0	13698	14323	4175	284	36	381	37031	0	2	-24	81	46	353	541	12	-13	10	15	3	0	-11
173254	372951	5063500	Surface	27.9	13721	16757	4957	393	-34	541	40889	0	44	-29	67	46	339	621	14	6	8	-51	-1	1	-9
173255	372926	5063495	Surface	28.0	13711	16552	3641	443	75	396	34410	0	25	18	65	49	427	521	14	-15	21	-41	-3	6	-8
173256	372900	5063491	Surface	28.0	10819	13956	4004	224	13	378	33437	0	-7	-52	79	39	321	534	10	26	23	-23	4	1	-10
173257	372874	5063489	Surface	27.9	11240	21550	5552	452	104	573	40934	0	10	30	65	34	456	437	9	3	26	-26	-1	1	-8
173258	372835	5063494	Surface	27.9	19681	22123	4886	185	133	285	11771	0	18	-30	39	53	534	548	10	-1	4	8	-1	3	-11
173259	372817	5063496	Surface	27.9	12824	15254	4806	186	81	524	31868	0	16	-13	86	44	448	409	10	-4	0	-16	-2	1	-7
173260	372801	5063496	Surface	27.9	13549	15887	2885	326	21	539	20739	0	53	14	39	47	479	260	6	1	29	-3	2	0	-4
173261	372770	5063501	Surface	27.9	14201	19672	4481	408	45	1359	33820	0	8	-6	163	57	397	457	10	8	8	-59	-1	1	-8
173262	372751	5063489	Surface	28.0	13542	16960	5687	393	112	1082	41978	0	32	12	96	47	429	520	11	-16	29	-24	3	3	-10
173263	372725	5063492	Surface	28.2	10686	16648	3369	119	-38	492	38490	0	-19	1	87	51	184	281	5	-6	15	18	8	-1	-5
173264	372694	5063493	Surface	28.1	16218	19734	3999	60	-9	429	27622	0	-19	-5	124	50	264	390	9	-20	19	-11	3	-2	-7
173265	372675	5063498	Surface	28.0	13654	19325	4790	480	34	831	42648	0	23	-28	147	47	393	511	9	-22	-9	-14	4	0	-11
173266	372647	5063502	Surface	28.0	13761	15927	4236	186	42	688	35447	0	4	-16	110	48	390	419	9	-10	-8	-10	1	2	-7
173267	372624	5063491	Surface	28.1	6040	26701	3273	293	13	2077	45403	0	49	-21	85	29	313	122	2	8	6	10	10	1	-1
173268	372593	5063492	Surface	28.1	10888	29370	4377	388	173	871	60154	0	46	-25	60	27	307	192	4	35	-4	-12	1	4	-4
173269	372571	5063491	Surface	28.0	8007	27380	6041	492	68	1357	68097	0	9	-2	106	22	291	141	6	-4	-23	-12	2	2	0
173270	372550	5063494	Surface	28.0	7862	22303	5671	460	34	2607	63020	0	43	64	203	32	219	267	9	-19	9	-26	5	2	-1
173271	372522	5063486	Surface	28.0	10084	19034	3635	297	43	1645	40354	0	24	23	179	39	259	308	9	-9	6	-10	-2	0	-5
173272	372493	5063483	Surface	27.9	14942	16814	4247	390	38	454	28560	0	2	-34	65	50	480	438	9	7	25	-30	5	0	-6
173273	372464	5063485	Surface	27.8	15164	19909	3779	377	100	448	26671	0	22	-22	64	55	496	477	8	3	-8	-15	2	2	-10
173274	372448	5063494	Surface	27.9	14953	20745	3381	226	129	411	25959	0	0	-38	69	50	505	481	9	-7	-4	-36	-3	2	-11
173275	372430	5063496	Surface	27.8	13359	20359	3388	274	10	416	25027	0	21	-5	43	50	508	384	10	13	1	-15	-1	3	-5
173276	372398	5063496	Surface	27.9	14191	25116	2975	405	-7	511	22589	0	23	-23	64	49	506	334	10	8	12	-25	9	0	-2
173277	372373	5063497	Surface	27.8	12541	21519	4408	400	104	410	28545	0	8	-18	36	46	482	380	6	28	23	-32	7	3	-10
173278	372344	5063499	Surface	27.8	15720	23090	4590	463	75	617	29048	0	9	-2	34	49	549	564	12	-12	47	-14	9	3	-7
173279	372326	5063495	Surface	27.8	14800	23365	4749	355	97	656	30784	0	30	-40	51	51	508	638	11	-12	27	8	7	-1	-13
173280	372298	5063496	Surface	27.9	14584	24359	3949	409	66	601	28759	0	18	-33	66	51	490	480	11	10	5	-3	5	1	-7
173281	372270	5063498	Surface	27.9	12602	19640	4353	205	37	425	29870	0	5	3	62	46	457	503	8	0	10	-23	1	1	-11
173282	372251	5063498	Surface	27.9	15645	22899	4136	331	43	577	30655	0	55	-27	65	54	494	564	13	0	2	-24	4	0	-14
173283	372222	5063504	Surface	27.9	13720	22242	3698	425	-8	442	27439	0	28	-18	66	48	479	508	10	11	4	-41	1	1	-8
173284	372206	5063500	Surface	28.0	16954	22026	4436	160	120	707	39929	0	12	-19	146	85	408	367	11	-1	-4	17	-4	0	-7
173285	372156	5063500	Surface	27.9	18778	21298	4464	522	56	525	34686	0	36	-16	112	82	445	476	16	2	1	-31	-2	2	-11
173286	372125	5063505	Surface	27.9	16398	21744	4468	255	35	489	32177	0	30	-36	79	57	460	477	12	14	28	-13	1	-1	-7
173287	372184	5063500	Surface	27.9	17410	20448	4691	460	44	621	33301	0	29	-8	101	76	447	491	10	-3	5	-15	4	-1	-7
173313 Dbln	372438	5063606	Surface	28.0			4323	411	-14	670	36369	0	15	-22	87	52	463	597	13	-7	15	28	1	0	-12
79724	372745	5063690	Surface	28.1	13155	18274	3504	398	54	463	32070	0	41	-14	119	44	397	506	16	6	-3	-22	2	1	-7
79725	372696	5063683	Surface	28.0	14735	18409	4272	501	32	562	32458	0	20	1	111	50	436	477	13	1	-15	-13	-1	3	-4
79726	372678	5063684	Surface	28.1	13652	19831	5091	291	146	839	42098	0	36	-15	175	46	356	406	10	6	22	-12	0	0	-4

ID	East	North	Elev	Sec	K ppm	Ca ppm	Ti ppm	V ppm	Cr ppm	Mn ppm	Fe ppm	Co ppm	Ni ppm	Cu ppm	Zn ppm	Rb ppm	Sr ppm	Zr ppm	Nb ppm	Sn ppm	Sb ppm	W ppm	As ppm	Se ppm	Mo ppm
79727	372668	5063693	Surface	28.1	10882	24358	5348	439	39	1261	57436	0	34	34	428	36	287	350	7	8	24	-38	3	4	-6
79728	372642	5063693	Surface	28.0	14555	20159	4270	660	19	1114	39893	0	20	-19	115	69	368	412	12	-13	12	-28	4	0	-8
79729	372620	5063692	Surface	28.1	12839	21637	4759	409	65	689	49932	0	99	11	91	39	372	379	8	1	10	-13	4	1	-2
79730	372596	5063688	Surface	28.1	14088	19111	5066	290	59	735	44899	0	9	-9	144	53	358	475	13	14	-9	-47	2	2	-10
79731	372570	5063691	Surface	28.2	5671	34571	4508	381	520	2276	65753	0	140	-46	249	19	210	159	3	-8	16	-22	2	2	-4
79732	372549	5063690	Surface	28.0	14748	20074	4485	444	18	886	37122	0	24	-38	79	53	435	440	10	-8	-5	3	-1	1	-5
79733	372527	5063690	Surface	28.2	8557	22070	6112	484	24	1444	78352	0	40	18	187	36	256	237	7	0	25	-9	1	3	-7
79734	372499	5063694	Surface	28.1	11661	21318	4412	239	86	789	42233	0	4	-8	87	41	367	434	11	0	10	18	3	2	-4
79735	372475	5063695	Surface	28.0	15173	22235	3835	251	24	857	29924	0	26	-22	79	62	447	388	9	-6	-3	-22	1	1	-7
79736	372452	5063695	Surface	28.0	12657	17094	5092	620	48	2013	51451	0	10	-12	222	68	333	290	9	8	-9	-42	2	3	1
79737	372418	5063687	Surface	28.0	12612	36469	2925	281	100	991	28426	0	-7	15	247	63	412	307	7	4	11	-16	4	1	-4
79738	372399	5063699	Surface	27.9	15533	21665	3635	377	97	1001	30476	0	9	-26	67	62	461	417	9	1	7	6	1	-1	-7
79739	372375	5063699	Surface	28.0	13415	15622	3974	463	76	1254	35635	0	41	19	90	67	436	373	10	15	24	-18	-2	2	-9
79740	372348	5063699	Surface	28.0	13871	18744	3869	399	48	1200	35234	0	-6	-16	70	52	449	364	11	2	11	-31	7	0	-6
79741	372320	5063699	Surface	28.0	15637	19234	4193	195	37	903	33434	0	19	-23	94	61	429	486	11	13	20	-22	9	0	-5
79742	372291	5063697	Surface	28.1	16214	17720	4381	89	50	566	34075	0	6	-23	93	58	407	406	13	1	-21	-15	-1	2	-11
79743	372272	5063697	Surface	28.0	16834	18929	4448	517	49	679	37794	0	60	-32	90	92	420	397	16	0	6	-4	7	1	-5
79744	372247	5063734	Surface	27.9	13582	15067	3651	536	-7	506	27500	0	19	1	89	48	538	316	7	-20	-1	0	5	3	-8
79745	372208	5063734	Surface	28.1	17656	11759	4117	499	11	705	32748	0	36	23	91	70	433	347	10	-2	21	6	5	1	-4
79746	372181	5063737	Surface	28.0	15382	10448	4082	420	80	906	32905	0	34	-21	132	74	428	379	14	-1	-15	3	4	1	-6
79747	372164	5063699	Surface	28.0	19039	13368	4278	355	115	881	34475	0	4	-14	69	72	441	489	13	13	11	-24	2	2	-10
79748	372141	5063702	Surface	28.0	12648	19006	4623	634	91	931	33801	0	25	-13	83	66	450	482	13	24	1	-13	3	2	-6
79749	372115	5063702	Surface	28.0	15343	41681	3875	399	38	734	29692	0	31	0	96	53	446	490	11	-5	10	-31	5	4	-5
79750	?	?	Surface	?	11937	18273	3594	493	75	682	31229	0	32	-43	76	58	505	569	9	24	7	-24	5	1	-10
79761	373027	5063580	Surface	28.0	11584	24927	5051	434	58	749	44963	0	50	-5	86	95	442	282	10	19	-11	18	11	1	-5
79762	372994	5063584	Surface	28.1	16098	21983	4361	713	15	539	37566	0	16	9	99	65	419	336	13	12	20	-16	4	2	-6
79763	372970	5063588	Surface	28.0	12068	22748	4157	473	99	1546	37873	0	41	-12	138	59	401	529	8	20	34	-15	1	0	-16
79764	372948	5063587	Surface	27.9	9365	15655	3845	400	43	468	24200	0	26	-24	62	58	509	380	9	1	11	-5	5	-1	-4
79765	372916	5063584	Surface	27.9	16216	18893	3497	400	-9	699	27195	0	9	-33	93	46	450	342	8	-14	-18	-25	0	1	-3
79766	372891	5063595	Surface	28.0	15990	20770	3489	450	78	1008	34658	0	37	-6	97	46	442	252	10	14	22	-10	-3	-1	-4
79767	372867	5063597	Surface	28.0	12132	96398	4788	457	60	1047	35488	0	16	5	95	51	452	464	9	5	0	6	11	2	-6
79768	372848	5063588	Surface	28.0	19229	26429	4587	451	49	750	28757	0	15	-10	80	49	473	372	12	2	-29	-20	6	2	-7
79769	372821	5063590	Surface	28.0	15190	28703	3939	288	30	608	27472	0	6	35	76	46	487	386	7	0	31	-20	5	1	-5
79770	372797	5063591	Surface	28.0	17186	20872	3324	482	100	812	25911	0	12	-5	75	53	482	349	9	1	-10	0	5	-1	-6
79771	372775	5063592	Surface	28.0	5250	19277	4201	486	41	1135	26526	0	16	-40	74	56	408	311	11	-9	1	-4	8	3	-5
79772	372745	5063587	Surface	27.9	9797	38265	3378	427	16	958	30296	0	13	-18	107	49	462	361	8	-18	10	-17	-3	1	-4
79773	372720	5063592	Surface	28.1	8062	17028	4797	406	116	3558	40331	0	10	2	115	43	351	478	9	-3	18	-16	6	0	-11
79774	372695	5063586	Surface	28.0	9058	27634	4458	310	81	722	31761	0	7	-24	95	52	429	470	11	-17	4	-32	3	2	-2
79775	372673	5063592	Surface	27.9	10564	21973	3819	327	32	674	29166	0	21	-32	96	56	490	434	10	7	25	-12	7	0	-5
79776	372644	5063596	Surface	28.1	6065	17607	4995	721	114	956	50248	0	40	-1	132	47	376	410	12	-2	-10	-15	7	4	-13
79777	372623	5063597	Surface	28.0	13762	20989	4149	185	62	472	33229	0	21	-12	131	51	426	572	10	17	20	-29	5	2	-7
79778	372600	5063589	Surface	28.1	10603	28868	4871	396	-12	1973	49113	0	-11	-37	194	42	249	332	11	11	8	9	3	-2	-7

Appendix IV : Lithogeochemical data

VO17084597 - Finalized																															
CLIENT : 727CAN - Explo-Logik Inc																															
# of SAMPLES : 13																															
DATE RECEIVED : 2017-05-02																															
PROJECT : GREEN PALADIUM																															
CERTIFICATE COMMENTS :																															
PO NUMBER :																															
Sample							Title	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	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
SAMPLE_Num								SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
DESCRIPTION								%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	UTM Z18 NAD83Loc X	UTM Z18 Nad 83LocY	DDH Hole Name	From	To			SiO[2]	Al[2]O[3]	Fe[2]O[3]	CaO	MgO	Na[2]O	K[2]O	Cr[2]O[3]	TiO[2]	MnO	P[2]O[5]	SrO	BaO	LOI	TOTAL
G0667388			GP-17-10	68.57	68.7	Amphibolite	52.8	17.15	12.05	6.19	5.9	4.59	0.51	0.01	0.7	0.18	0.07	0.01	0.03	0.19	100.38
G0667389			GP-17-10	118.6	118.7	Quartzofeldspathic gneiss	51.4	16.75	12.5	8.4	5.7	4.06	0.4	0.01	0.66	0.42	0.1	0.01	0.02	0.94	101.37
G0667390			GP-17-10	123.7	123.8	Meta-gabbro	49.3	14.35	11.05	11.65	9.11	2.76	0.5	0.05	0.76	0.18	0.08	0.02	0.01	0.59	100.41
G0667391			GP-17-11	7.36	7.37	Leucocratic Gabbro	51.5	20.2	12.2	7.46	1.94	4.43	2.42	-0.01	0.95	0.23	0.42	0.05	0.05	0.03	101.88
G0667392			GP-17-11	12.85	12.95	Garnetiferous Leucocratic Gabbro	45.2	17.65	17.75	9.25	3.38	3.22	2.16	-0.01	1.51	0.29	1.01	0.04	0.04	-0.05	101.45
G0667393			GP-17-10	131.8	131.9	Garnet-biotite gneiss	48.5	16.35	13.65	5.76	9.66	2.48	2.22	-0.01	0.75	0.33	0.16	0.01	0.08	0.34	100.29
G0667394			GP-17-10	147	147.1	Quartzofeldspathic gneiss	74.1	12.7	3.07	3.39	0.71	3.05	0.98	-0.01	0.2	0.13	0.05	-0.01	0.01	1.46	99.85
G0667395			GP-17-17	14	14.1	Leucocratic Gabbro	52.2	18.35	12.9	6.88	2.11	4.43	2.79	-0.01	0.96	0.17	0.4	0.05	0.05	0.7	101.99
G0667396			GP-17-17	49	49.1	Meta-gabbro	48.2	18.1	14.65	7.61	2.74	3.7	2.63	-0.01	1.24	0.18	0.4	0.04	0.04	0.51	100.04
G0667397			GP-17-17	56	56.1	Melanogabbro	48.6	14.75	14.55	12.4	6.86	2.38	0.87	-0.01	0.52	0.23	0.06	0.03	0.01	0.49	101.75
G0667398			GP-17-17	60.94	61	Metapyroxenite	43.9	14.1	15.9	10.95	11.3	1.93	1.29	-0.01	0.38	0.23	0.01	0.01	0.01	1.45	101.46
G0667399			GP-17-17	92	92.1	Meta-gabbro	48	15.95	17.5	8.06	5.55	2.75	0.53	-0.01	0.75	0.32	0.08	0.01	0.01	0.37	99.88
G0667400			GP-17-18	56.7	56.8	Monzonite	51.1	19.5	12.9	5.94	2.1	4.17	3.53	-0.01	1.02	0.13	0.39	0.03	0.07	0.05	100.93
GPD-I3A-01	374572	5059354				Gabbro	48.5	17.4	10.85	9.98	8.5	2.38	0.69	0.03	1.04	0.16	0.16	0.03	0.02	0.96	100.7
GPD-I3A-02	369715	5048962				Gabbro	41.9	11.3	20.8	12.8	7.85	1.72	0.17	0.01	1.83	0.19	0.03	0.02	0.01	0.96	99.59
GPD-I3A-03	369594	5046624				Gabbro	53.1	13.1	12.6	11.8	2.5	3.82	1.29	-0.01	1.05	0.27	0.44	0.09	0.09	0.72	100.87
GPD-I3A-04	367588	5048393				Gabbro	44.9	16.95	10.55	10.15	13.2	1.72	0.6	0.02	0.2	0.15	0.02	0.03	0.01	1.77	100.27
GPD-I3A-05	369114	5048760				Gabbro	46.1	18.4	11.05	11.4	8.15	2.68	0.37	0.02	0.47	0.16	0.09	0.03	0.02	1.82	100.76

Sample	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	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	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
SAMPLE_Num	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Ge	Hf	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb	Zr
DESCRIPTION	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Ge	Hf	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb	Zr
G0667388	0.07	0.22	240	14.5	30	0.22	3.26	2.26	0.9	17.9	3.07	-5	1.5	0.76	6.1	0.34	1.6	10	2.31	8.6	2.82	1	142	0.1	0.52	0.39	0.38	0.18	277	-1	18.1	2.27	50
G0667389	0.24	0.15	158.5	15.2	70	0.08	2.94	1.97	0.84	19.4	3.06	-5	1	0.67	6.6	0.29	4.9	10.2	2.35	3	2.89	1	124	0.1	0.49	0.57	0.28	0.21	368	1	17	1.9	32
G0667390	0.09	0.08	81.1	14.5	350	0.08	3.29	2.1	0.79	15.2	3.38	-5	1.1	0.74	5.6	0.33	2.7	9.9	2.35	2.1	2.79	1	151.5	0.1	0.55	0.35	0.33	0.13	268	-1	19.6	2.27	35
G0667391	0.04	0.04	464	29.1	10	0.23	5.55	3.31	1.77	22.5	6.44	-5	2.4	1.14	12.3	0.49	4.6	21.3	4.66	43.8	6.15	1	410	0.2	0.97	1.56	0.5	0.8	75	1	30.4	3.23	91
G0667392	0.05	0.03	381	30.7	10	1.73	6.15	3.28	2.2	21.3	7.98	-5	1.6	1.26	12.6	0.42	4	24.9	5.24	75	7.15	1	389	0.2	1.09	1.19	0.44	0.62	136	1	32	2.82	51
G0667393	0.07	0.02	771	14.9	20	1.82	2.88	1.78	0.89	19.2	3.18	-5	1.2	0.6	6.3	0.29	1.9	10.9	2.31	50.4	2.93	1	67.6	0.1	0.51	0.68	0.28	0.39	379	1	15.8	1.79	39
G0667394	0.26	0.05	78.2	58.4	20	0.19	3.96	2.52	1.63	16.5	5.53	-5	4.3	0.86	27.1	0.43	4.2	32.7	8.28	21.6	7.24	1	60.9	0.2	0.75	4.62	0.39	1.2	8	2	22	2.89	156
G0667395	0.14	0.04	444	27.9	-10	0.52	5.79	3.6	1.63	22.6	6.39	-5	3	1.25	10.6	0.56	4.3	21.4	4.71	68	6.16	2	426	0.2	0.99	1.44	0.55	0.82	79	1	32.3	3.54	110
G0667396	0.16	0.06	388	24	-10	1.82	4.75	2.97	1.62	22.1	5.45	-5	1.9	1.04	9.8	0.42	3.6	18	3.91	89	5.34	3	310	0.2	0.84	1.49	0.41	0.66	209	1	26.3	2.78	64
G0667397	0.11	0.02	60.9	9.9	40	0.16	2.95	1.96	0.88	17.2	3.3	-5	1	0.65	4	0.3	1.5	8.4	1.77	11.5	2.9	2	294	0.1	0.55	0.46	0.31	0.29	318	1	17.8	1.9	29
G0667398	0.17	0.03	61.6	7.5	10	1.43	1.4	0.89	0.46	12.5	1.62	-5	0.7	0.3	3.4	0.15	0.8	5.3	1.15	31.7	1.65	1	73.1	-0.1	0.24	0.99	0.12	0.47	172	1	7.9	0.88	23
G0667399	0.27	0.06	143	11.1	30	0.04	3.33	2.39	1.04	19.2	3.18	-5	0.7	0.79	4.3	0.35	1.1	8.8	1.82	4	2.8	-1	62.2	0.1	0.55	0.07	0.34	-0.05	397	1	19.5	2.36	21
G0667400	0.05	0.04	643	27.5	10	3.22	5.41	3.28	1.85	23.3	6.32	-5	2.4	1.15	11.2	0.49	4.2	20.7	4.5	144	5.77	3	308	0.2	0.98	2.17	0.49	0.81	95	1	30.5	3.27	91
GPD-I3A-01	0.06	0.14	139.5	20.1	210	0.59	4.95	2.95	1.27	17.4	4.49	-5	3.2	1.07	8.2	0.47	3.6	14	3.14	10.9	3.86	1	248	0.2	0.78	0.85	0.45	0.35	202	1	26.5	3.03	124
GPD-I3A-02	0.24	0.54	70.8	7.7	30	0.12	3.73	2.31	0.71	20.4	3.37	-5	1	0.82	2.7	0.35	0.9	6.9	1.28	1.8	2.44	1	175	-0.1	0.59	0.15	0.33	0.07	899	1	20.3	2.18	27
GPD-I3A-03	0.25	0.03	806	43.5	-10	0.46	7.82	4.75	2.88	16.2	8.45	-5	3.9	1.72	17.4	0.91	5.8	28.9	6.55	17.3	7.72	1	745	0.4	1.34	1.5	0.73	0.71	19	1	42.2	5.27	127
GPD-I3A-04	0.32	0.08	66.7	3.4	140	0.29	0.98	0.64	0.35	12.1	0.88	-5	0.4	0.22	1.5	0.1	0.4	2.5	0.51	8.3	0.75	-1	249	-0.1	0.15	0.14	0.09	0.06	58	1	5.7	0.55	13
GPD-I3A-05	0.5	0.34	164.5	8.1	180	0.43	2.25	1.43	0.73	14.3	2.11	-5	0.6	0.46	3.5	0.21	0.7	5.5	1.23	2.3	1.61	-1	266	-0.1	0.35	0.12	0.21	0.32	113	3	12.1	1.27	17

Sample	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD8	ME-4ACD81
SAMPLE_Num	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn
DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G0667388	-0.1	0.01	-0.005	0.019	0.001	-0.05	0.4	0.01	0.23	-0.5	-0.5	35	111	-10	-1	17	-2	35	111
G0667389	0.1	0.02	-0.005	0.023	0.001	-0.05	0.3	0.03	0.02	-0.5	2	38	91	10	-1	27	27	39	526
G0667390	0.3	0.01	-0.005	0.013	0.001	-0.05	0.3	-0.01	0.02	-0.5	-0.5	44	107	-10	-1	93	14	43	96
G0667391	0.1	0.01	-0.005	0.044	-0.001	-0.05	0.4	0.01	0.09	-0.5	-0.5	24	55	-10	-1	-1	3	13	121
G0667392	0.1	0.02	-0.005	0.034	0.001	-0.05	0.3	0.02	0.3	-0.5	0.5	43	172	10	-1	-1	-2	22	155
G0667393	0.2	0.02	-0.005	0.025	-0.001	-0.05	-0.2	0.01	0.42	-0.5	-0.5	42	25	10	-1	16	16	34	292
G0667394	0.3	0.01	-0.005	0.045	-0.001	-0.05	-0.2	-0.01	0.12	-0.5	-0.5	2	22	10	-1	-1	7	9	80
G0667395	0.2	0.01	-0.005	0.048	0.001	-0.05	-0.2	-0.01	0.14	-0.5	-0.5	22	24	10	-1	-1	2	14	52
G0667396	0.2	0.02	-0.005	0.043	0.001	-0.05	0.3	0.01	0.33	-0.5	-0.5	32	125	10	-1	-1	2	19	82
G0667397	-0.1	0.02	-0.005	0.027	-0.001	-0.05	-0.2	-0.01	0.06	-0.5	0.7	52	33	10	-1	31	-2	44	73
G0667398	0.1	0.19	-0.005	0.017	-0.001	-0.05	0.3	0.03	0.27	-0.5	0.8	85	214	10	-1	100	-2	11	80
G0667399	0.1	0.05	-0.005	0.031	-0.001	-0.05	0.4	-0.01	0.04	-0.5	-0.5	51	308	10	-1	22	-2	46	147
G0667400	-0.1	0.02	-0.005	0.04	-0.001	-0.05	0.3	-0.01	0.42	-0.5	0.5	29	124	10	-1	-1	-2	12	42
GPD-I3A-01	0.9	0.05	0.006	0.024	-0.001	0.09	0.2	0.02	0.1	-0.5	0.7	47	27	10	-1	80	-2	22	98
GPD-I3A-02	0.3	0.1	0.007	0.022	0.002	0.1	0.3	-0.01	0.06	-0.5	0.8	84	47	10	1	58	-2	50	123
GPD-I3A-03	0.5	0.04	0.007	0.026	-0.001	0.05	-0.2	-0.01	0.05	-0.5	-0.5	19	4	10	-1	-1	-2	10	279
GPD-I3A-04	0.4	0.03	0.005	0.009	-0.001	-0.05	0.2	-0.01	0.07	-0.5	-0.5	70	36	10	-1	176	-2	9	77
GPD-I3A-05	1.8	0.03	0.006	0.013	0.001	0.09	0.4	-0.01	0.05	-0.5	0.7	47	35	10	-1	108	-2	16	111

Sample	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE_Num	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo		
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm		
G0667388																													
G0667389																													
G0667390																													
G0667391																													
G0667392																													
G0667393																													
G0667394																													
G0667395																													
G0667396																													
G0667397																													
G0667398																													
G0667399																													
G0667400																													
GPD-I3A-01	0.02	3.85	0.4	-0.02	10	80	0.18	0.01	2.54	0.03	11.45	22.2	61	0.57	23.8	2.39	7	0.09	0.15	-0.01	0.014	0.31	4.7	6.1	1.05	214	0.55		
GPD-I3A-02	0.02	1.55	0.2	-0.02	-10	30	-0.05	0.02	1.63	0.02	2.27	60	23	0.11	46.9	9.48	12.15	0.1	0.05	-0.01	0.014	0.06	1	3.1	0.44	211	0.16		
GPD-I3A-03	0.01	0.54	0.3	-0.02	-10	40	0.1	0.01	1.62	0.07	34.8	4.3	1	0.13	4.1	2.21	3.06	0.12	0.27	-0.01	0.02	0.1	14	3.1	0.24	337	0.37		
GPD-I3A-04	0.02	3.85	0.2	-0.02	30	30	0.05	0.01	2.78	0.02	1.33	41.1	11	0.2	32.1	3.93	5.04	0.05	-0.02	-0.01	-0.005	0.13	0.7	8.5	3.83	489	0.09		
GPD-I3A-05	0.02	2.91	1.6	-0.02	-10	70	0.05	0.01	2.78	0.06	3.67	23.1	18	0.4	32.2	2.75	4.87	0.07	0.03	-0.01	0.008	0.12	1.6	3.5	1	328	0.14		

Sample	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE_Num	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
DESCRIPTION	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G0667388																								
G0667389																								
G0667390																								
G0667391																								
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G0667393																								
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G0667395																								
G0667396																								
G0667397																								
G0667398																								
G0667399																								
G0667400																								
GPD-I3A-01	0.54	-0.05	53.8	700	1.5	7.9	0.001	0.14	0.08	4.3	0.4	0.8	120	-0.01	-0.01	0.6	0.128	0.1	0.24	77	-0.05	8.32	33	3.7
GPD-I3A-02	0.25	-0.05	47.7	120	0.5	1.1	0.002	0.54	0.08	4.9	0.3	0.2	55.3	-0.01	-0.01	-0.2	0.124	0.05	-0.05	602	-0.05	2.88	52	1.2
GPD-I3A-03	0.11	0.14	0.5	2010	0.4	2.2	-0.001	0.02	-0.05	1.5	0.8	0.2	40.9	-0.01	-0.01	1.1	0.101	0.04	0.42	7	-0.05	24.4	174	6.1
GPD-I3A-04	0.53	-0.05	126.5	80	0.7	2.3	-0.001	0.08	0.06	2.3	0.3	-0.2	142	-0.01	0.01	-0.2	0.012	0.07	-0.05	10	-0.05	0.74	9	-0.5
GPD-I3A-05	0.47	-0.05	67.2	400	1	1.1	0.001	0.37	0.1	2.6	0.3	-0.2	94.9	-0.01	0.02	-0.2	0.042	0.04	-0.05	41	-0.05	3.52	19	0.6

APPENDIX V : Assay Certificates

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLO- LOGIK INC
863 KILKENNY
SAINT- HIPPOLYTE QC J8A 3P3

Finalisée date: 11- MAI- 2017
Cette copie a fait un rapport sur
4- JUIL- 2017
Compte: 727CAN

CERTIFICAT VO17084582

Projet: GREEN PALADIUM

Ce rapport s'applique aux 36 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 2- MAI- 2017.

Les résultats sont transmis à:

NORMAND CHAMPIGNY	MICHEL GAUTHIER	ROBIN RADAIR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 24	Entrée pulpe - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41a	Aqua regia teneur élevée ICP- AES	ICP- AES
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES

À: EXPLO- LOGIK INC
ATTN: ROBIN RADAIR
2100- 1000 DE LA GAUCHETIÈRE OUEST
MONTRÉAL QC H3B 4W5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: EXPLO- LOGIK INC
863 KILKENNY
SAINT- HIPPOLYTE QC J8A 3P3

Finalisée date: 11- MAI- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084582

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP41a Ag ppm 1	ME- ICP41a Al % 0.05	ME- ICP41a As ppm 10	ME- ICP41a Ba ppm 50	ME- ICP41a Be ppm 5	ME- ICP41a Bi ppm 10	ME- ICP41a Ca % 0.05	ME- ICP41a Cd ppm 5	ME- ICP41a Co ppm 5	ME- ICP41a Cr ppm 5	ME- ICP41a Cu ppm 5
G0667298		0.75	0.015	0.006	0.015	<1	3.76	<10	100	<5	<10	4.62	<5	33	17	806
G0667299		2.46	0.008	0.010	0.021	<1	2.48	30	60	<5	<10	3.07	<5	34	13	340
G0667300		0.10	0.071	0.323	0.600	2	2.51	10	60	<5	<10	1.63	<5	106	94	4310
G0667301		0.60	0.005	0.009	0.014	<1	2.01	10	50	<5	<10	2.68	<5	39	10	668
G0667302		1.42	0.021	0.015	0.025	<1	2.27	10	50	<5	<10	3.07	<5	36	7	454
G0667303		0.50	0.008	0.013	0.020	<1	1.73	10	90	<5	<10	2.84	<5	51	<5	1220
G0667304		1.97	0.004	0.009	0.008	<1	2.13	10	<50	<5	<10	3.03	<5	34	7	323
G0667305		1.36	0.015	0.013	0.053	<1	2.18	<10	90	<5	<10	2.93	<5	36	22	1280
G0667306		1.65	0.006	0.010	0.003	<1	2.90	<10	<50	<5	<10	3.16	<5	27	8	289
G0667307		0.36	0.014	<0.005	0.002	<1	1.44	10	<50	<5	<10	1.36	<5	12	12	813
G0667308		2.19	0.008	0.019	0.020	<1	2.57	<10	50	<5	<10	2.93	<5	48	22	1360
G0667309		2.84	0.004	0.009	0.011	7	2.54	<10	70	<5	<10	2.90	<5	25	10	285
G0667333		0.85	0.015	0.018	0.061	<1	2.81	10	50	<5	<10	3.19	<5	49	5	1840
G0667334		1.99	0.012	0.019	0.047	<1	2.75	10	80	<5	<10	2.82	<5	37	13	767
G0667335		1.35	0.054	0.027	0.298	1	1.91	10	100	<5	<10	2.50	<5	74	25	5150
G0667336		2.44	0.045	0.042	0.516	1	2.37	10	70	<5	10	2.09	<5	197	51	6660
G0667337		0.97	0.019	0.041	0.794	1	3.46	10	220	<5	<10	1.38	<5	364	64	5620
G0667338		0.40	0.001	0.006	0.031	<1	1.85	<10	70	<5	<10	1.82	<5	39	54	1330
G0667339		3.24	0.017	0.045	0.550	1	3.00	<10	160	<5	<10	1.38	<5	215	55	9060
G0667340		1.53	0.014	0.048	0.400	1	2.93	<10	100	<5	<10	2.43	<5	206	70	3690
G0667341		0.92	0.019	0.030	0.170	1	2.11	20	110	<5	<10	1.82	<5	68	51	1930
G0667342		2.37	0.019	0.017	0.055	1	1.99	<10	80	<5	<10	2.53	<5	43	46	1440
G0667343		2.10	0.007	0.034	0.107	1	2.00	<10	70	<5	<10	2.14	<5	55	39	1460
G0667344		1.73	0.003	0.009	0.018	<1	1.73	<10	60	<5	<10	2.12	<5	33	18	1210
G0667345		0.63	0.058	0.037	0.134	1	2.35	<10	200	<5	<10	1.66	<5	64	41	3590
G0667346		1.82	0.019	0.021	0.089	1	2.22	<10	140	<5	10	1.94	<5	56	29	2210
G0667347		0.93	0.141	0.020	0.601	3	2.20	20	120	<5	10	1.75	<5	115	30	15050
G0667348		1.92	0.005	<0.005	0.009	<1	1.65	10	120	<5	<10	0.87	<5	27	17	512
G0667349		2.29	0.006	<0.005	0.002	<1	1.88	<10	130	<5	<10	0.56	<5	24	15	644
G0667355		0.80	0.015	0.031	0.114	<1	2.87	20	160	<5	<10	2.83	<5	54	34	1940
G0667356		0.40	0.006	0.006	0.017	1	2.81	30	100	<5	10	1.91	<5	289	55	5430
G0667357		0.79	0.030	0.050	0.549	<1	2.43	30	<50	<5	<10	2.17	<5	16	61	352
G0667358		1.89	0.004	0.050	0.157	<1	2.57	20	120	<5	<10	1.23	<5	73	64	1520
G0667359		0.75	0.001	0.007	0.023	<1	1.91	<10	110	<5	<10	0.54	<5	27	15	1270
G0667360		0.94	0.003	<0.005	0.067	<1	1.33	10	60	<5	<10	0.77	<5	59	13	2510
G0667361		1.64	0.003	<0.005	0.023	<1	2.08	<10	140	<5	<10	0.67	<5	41	15	1740

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLO- LOGIK INC
863 KILKENNY
SAINT- HIPPOLYTE QC J8A 3P3

Finalisée date: 11- MAI- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084582

Description échantillon	Méthode élément unités L.D.	ME- ICP41a Fe % 0.05	ME- ICP41a Ga ppm 50	ME- ICP41a Hg ppm 5	ME- ICP41a K % 0.05	ME- ICP41a La ppm 50	ME- ICP41a Mg % 0.05	ME- ICP41a Mn ppm 30	ME- ICP41a Mo ppm 5	ME- ICP41a Na % 0.05	ME- ICP41a Ni ppm 5	ME- ICP41a P ppm 50	ME- ICP41a Pb ppm 10	ME- ICP41a S % 0.05	ME- ICP41a Sb ppm 10	ME- ICP41a Sc ppm 5
G0667298		4.52	<50	<5	0.40	<50	1.37	640	<5	0.60	65	890	20	0.47	<10	14
G0667299		4.21	<50	<5	0.44	<50	1.53	610	<5	0.38	39	570	10	0.15	10	13
G0667300		11.55	<50	<5	0.19	<50	2.60	780	5	0.41	4140	660	20	1.75	10	<5
G0667301		4.22	<50	<5	0.44	<50	1.96	610	<5	0.33	53	320	10	0.29	20	13
G0667302		4.45	<50	<5	0.43	<50	2.05	670	<5	0.33	33	350	<10	0.09	10	12
G0667303		4.98	<50	<5	0.38	<50	1.69	660	<5	0.24	75	340	<10	0.55	10	11
G0667304		4.52	<50	<5	0.43	<50	1.88	720	<5	0.27	37	760	10	0.12	10	11
G0667305		4.53	<50	<5	0.73	<50	1.96	640	<5	0.25	109	570	20	0.22	10	10
G0667306		4.97	<50	<5	0.41	<50	1.69	750	<5	0.43	16	450	10	0.08	10	14
G0667307		3.08	<50	<5	0.43	<50	0.75	360	<5	0.20	20	220	<10	0.15	30	7
G0667308		5.76	<50	<5	0.47	<50	1.68	690	<5	0.37	53	570	<10	0.79	20	15
G0667309		4.95	<50	<5	0.53	<50	2.21	680	<5	0.37	31	620	10	0.11	10	13
G0667333		4.55	<50	<5	0.49	<50	1.91	610	<5	0.33	110	460	<10	0.68	10	11
G0667334		3.80	<50	<5	0.61	<50	2.03	550	<5	0.36	96	370	<10	0.27	10	11
G0667335		5.70	<50	<5	0.77	<50	1.84	700	<5	0.14	464	540	10	1.21	10	9
G0667336		9.06	<50	<5	0.63	<50	1.61	590	<5	0.21	1220	640	10	3.48	20	13
G0667337		13.35	<50	<5	1.91	<50	3.08	600	<5	0.14	2620	320	<10	6.57	10	12
G0667338		4.60	<50	<5	0.69	<50	1.64	520	<5	0.22	158	610	<10	0.68	20	12
G0667339		11.15	<50	<5	1.19	<50	2.59	590	<5	0.15	1415	560	10	4.20	10	13
G0667340		9.21	<50	<5	0.91	<50	2.47	660	<5	0.25	1395	270	<10	3.63	10	11
G0667341		5.66	<50	<5	0.71	<50	1.93	530	<5	0.25	411	480	10	1.03	30	11
G0667342		4.54	<50	<5	0.56	<50	1.84	540	<5	0.26	130	660	<10	0.66	10	12
G0667343		3.97	<50	<5	0.61	<50	1.95	470	<5	0.24	220	380	10	0.74	20	9
G0667344		4.38	<50	<5	0.50	<50	1.60	480	<5	0.26	70	850	<10	0.83	10	11
G0667345		4.88	<50	<5	1.24	<50	2.44	470	<5	0.20	325	420	<10	0.75	<10	8
G0667346		4.96	<50	<5	0.91	<50	2.19	550	<5	0.26	216	490	<10	0.74	<10	9
G0667347		8.50	<50	<5	0.89	<50	1.82	760	<5	0.21	563	500	<10	2.67	<10	10
G0667348		5.37	<50	<5	0.98	<50	1.34	560	<5	0.16	35	310	10	0.15	<10	15
G0667349		5.41	<50	<5	1.40	<50	1.51	560	<5	0.12	15	290	<10	0.10	10	13
G0667355		4.62	<50	<5	0.93	<50	1.89	550	<5	0.31	279	490	10	0.88	10	7
G0667356		10.60	<50	<5	0.92	<50	2.37	580	<5	0.32	2030	160	<10	5.47	<10	9
G0667357		3.14	<50	<5	0.60	<50	1.48	420	<5	0.24	57	330	10	0.10	10	10
G0667358		4.86	<50	5	1.62	<50	3.43	470	<5	0.20	486	120	<10	0.92	20	7
G0667359		5.88	<50	<5	1.14	<50	1.45	730	<5	0.13	85	290	<10	0.58	10	10
G0667360		7.95	<50	5	0.55	<50	0.94	750	<5	0.14	217	260	<10	1.76	10	10
G0667361		6.55	<50	<5	1.35	<50	1.56	730	<5	0.14	83	300	<10	0.82	10	12

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À: EXPLO- LOGIK INC
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Finalisée date: 11- MAI- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084582

Description échantillon	Méthode élément unités L.D.	ME- ICP41a Sr ppm 5	ME- ICP41a Th ppm 100	ME- ICP41a Ti % 0.05	ME- ICP41a Tl ppm 50	ME- ICP41a U ppm 50	ME- ICP41a V ppm 5	ME- ICP41a W ppm 50	ME- ICP41a Zn ppm 10
G0667298		192	<100	0.34	<50	<50	233	<50	40
G0667299		77	<100	0.20	<50	<50	164	<50	30
G0667300		72	<100	0.22	<50	<50	51	<50	80
G0667301		27	<100	0.14	<50	<50	94	<50	30
G0667302		35	<100	0.16	<50	<50	115	<50	40
G0667303		33	<100	0.18	<50	<50	129	<50	300
G0667304		37	<100	0.16	<50	<50	123	<50	40
G0667305		34	<100	0.16	<50	<50	102	<50	50
G0667306		84	<100	0.24	<50	<50	234	<50	30
G0667307		33	<100	0.15	<50	<50	112	<50	30
G0667308		57	<100	0.30	<50	<50	235	<50	30
G0667309		50	<100	0.22	<50	<50	150	<50	30
G0667333		83	<100	0.15	<50	<50	135	<50	30
G0667334		78	<100	0.14	<50	<50	98	<50	30
G0667335		23	<100	0.15	<50	<50	68	<50	70
G0667336		28	<100	0.16	<50	<50	103	<50	40
G0667337		15	<100	0.21	<50	<50	124	<50	50
G0667338		22	<100	0.18	<50	<50	93	<50	30
G0667339		18	<100	0.22	<50	<50	129	<50	50
G0667340		57	<100	0.11	<50	<50	81	<50	40
G0667341		21	<100	0.14	<50	<50	76	<50	40
G0667342		31	<100	0.19	<50	<50	100	<50	40
G0667343		32	<100	0.11	<50	<50	64	<50	40
G0667344		26	<100	0.19	<50	<50	102	<50	30
G0667345		23	<100	0.16	<50	<50	66	<50	60
G0667346		23	<100	0.17	<50	<50	79	<50	80
G0667347		19	<100	0.23	<50	<50	137	<50	80
G0667348		10	<100	0.28	<50	<50	202	<50	70
G0667349		8	<100	0.27	<50	<50	188	<50	120
G0667355		75	<100	0.13	<50	<50	65	<50	50
G0667356		38	<100	0.12	<50	<50	80	<50	50
G0667357		76	<100	0.06	<50	<50	47	<50	40
G0667358		16	<100	0.08	<50	<50	46	<50	50
G0667359		8	<100	0.28	<50	<50	239	<50	380
G0667360		7	<100	0.17	<50	<50	170	<50	350
G0667361		<5	<100	0.33	<50	<50	253	<50	650

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À: EXPLO- LOGIK INC
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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 11- MAI- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084582

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 22	LOG- 24
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
	ME- ICP41a	PGM- ICP23

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À: EXPLO- LOGIK INC
863 KILKENNY
SAINT- HIPPOLYTE QC J8A 3P3

Finalisée date: 3- JUIL- 2017
Cette copie a fait un rapport sur
4- JUIL- 2017
Compte: 727CAN

CERTIFICAT VO17084588

Projet: GREEN PALADIUM

Ce rapport s'applique aux 151 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 2- MAI- 2017.

Les résultats sont transmis à:

NORMAND CHAMPIGNY	MICHEL GAUTHIER	ROBIN RADAIR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES
ME- ICP41a	Aqua regia teneur élevée ICP- AES	ICP- AES

À: EXPLO- LOGIK INC
ATTN: ROBIN RADAIR
2100- 1000 DE LA GAUCHETIÈRE OUEST
MONTRÉAL QC H3B 4W5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 3- JUIL- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- ICP41a Ag ppm 1	ME- ICP41a Al % 0.05	ME- ICP41a As ppm 10	ME- ICP41a Ba ppm 50	ME- ICP41a Be ppm 5	ME- ICP41a Bi ppm 10	ME- ICP41a Ca % 0.05	ME- ICP41a Cd ppm 5	ME- ICP41a Co ppm 5	ME- ICP41a Cr ppm 5	ME- ICP41a Cu ppm 5	ME- ICP41a Fe % 0.05	ME- ICP41a Ga ppm 50	ME- ICP41a Hg ppm 5
G0667201		2.83	<1	2.23	10	330	<5	<10	0.58	<5	43	93	251	8.44	<50	6
G0667202		1.48	<1	1.80	20	220	<5	<10	0.87	<5	32	58	126	5.66	<50	<5
G0667203		2.34	<1	1.75	20	160	<5	<10	1.03	<5	58	27	414	11.25	<50	<5
G0667204		2.91	<1	1.05	<10	<50	<5	<10	1.47	<5	23	34	53	4.34	<50	8
G0667205		2.75	<1	1.96	<10	220	<5	<10	0.76	<5	39	75	165	7.04	<50	<5
G0667206		1.40	<1	2.10	<10	<50	<5	<10	2.42	<5	26	58	75	4.24	<50	<5
G0667207		1.97	<1	0.89	30	90	<5	<10	1.03	<5	46	14	328	4.40	<50	<5
G0667208		2.07	<1	0.87	190	100	<5	<10	1.29	<5	128	24	123	3.90	<50	5
G0667209		1.40	<1	1.23	10	80	<5	<10	1.80	<5	31	49	170	4.38	<50	<5
G0667210		0.40	<1	0.27	<10	150	<5	<10	21.1	<5	6	<5	<5	0.24	<50	<5
G0667211		1.38	1	2.70	<10	330	<5	<10	2.67	<5	41	233	776	4.00	<50	8
G0667212		0.78	<1	4.10	<10	<50	<5	<10	4.28	<5	24	11	162	6.18	<50	<5
G0667213		1.71	<1	3.92	20	100	<5	10	4.11	<5	32	11	218	4.77	<50	<5
G0667214		1.24	<1	4.11	<10	<50	<5	<10	4.20	<5	13	70	83	3.17	<50	<5
G0667215		0.68	<1	2.02	10	50	<5	<10	1.68	<5	<5	36	249	1.87	<50	6
G0667216		1.49	<1	5.05	10	60	<5	<10	4.58	<5	17	92	141	1.86	<50	<5
G0667217		1.24	<1	3.87	50	240	<5	10	3.72	<5	64	21	1700	4.18	<50	<5
G0667218		0.50	<1	3.41	<10	90	<5	<10	3.52	<5	53	76	4280	4.73	<50	<5
G0667219		0.74	<1	3.34	<10	50	<5	<10	3.83	<5	77	60	4280	5.27	<50	5
G0667220		0.10														
G0667221		0.96	<1	2.75	<10	170	<5	<10	2.92	<5	50	70	2620	3.86	<50	<5
G0667222		1.47	1	2.02	<10	<50	<5	<10	2.49	<5	36	48	1750	3.64	<50	<5
G0667223		2.42	<1	1.26	10	<50	<5	<10	1.49	<5	8	19	109	2.95	<50	<5
G0667224		0.82	<1	3.54	<10	<50	<5	<10	3.86	<5	29	51	25	7.17	<50	<5
G0667225		1.35	<1	2.49	<10	<50	<5	<10	2.90	<5	17	187	<5	2.55	<50	<5
G0667226		1.30	<1	3.49	<10	60	<5	<10	5.31	<5	8	67	148	2.64	<50	<5
G0667227		1.65	<1	2.29	10	<50	<5	<10	2.39	<5	21	167	151	2.86	<50	<5
G0667228		1.40	<1	1.37	10	<50	<5	<10	2.07	<5	19	5	117	7.28	<50	<5
G0667229		2.31	<1	1.58	20	80	<5	<10	2.23	<5	27	<5	161	7.63	<50	<5
G0667230		0.28	<1	0.43	<10	260	<5	<10	17.90	<5	<5	6	<5	0.42	<50	<5
G0667231		1.54	<1	1.36	<10	<50	<5	<10	2.27	<5	21	<5	179	7.69	<50	10
G0667232		1.08	<1	4.39	10	60	<5	<10	4.27	<5	34	<5	1220	5.70	<50	<5
G0667233		0.39	1	2.55	<10	<50	<5	<10	3.23	<5	31	77	5290	4.52	<50	<5
G0667234		0.82	<1	1.99	10	50	<5	10	2.43	<5	22	10	110	3.85	<50	<5
G0667235		0.69	<1	2.20	10	60	<5	<10	2.67	<5	29	14	374	3.42	<50	<5
G0667236		1.25	<1	3.74	<10	90	<5	10	3.20	<5	24	14	568	3.42	<50	<5
G0667237		1.67	<1	2.61	<10	50	<5	<10	2.78	<5	20	68	424	3.27	<50	<5
G0667238		1.08	<1	1.61	30	<50	<5	<10	1.74	<5	15	50	471	2.44	<50	<5
G0667239		0.64	<1	2.49	<10	<50	<5	<10	3.04	<5	14	135	38	1.85	<50	<5
G0667240		0.10														

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3- JUIL- 2017
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Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a K % 0.05	ME- ICP41a La ppm 50	ME- ICP41a Mg % 0.05	ME- ICP41a Mn ppm 30	ME- ICP41a Mo ppm 5	ME- ICP41a Na % 0.05	ME- ICP41a Ni ppm 5	ME- ICP41a P ppm 50	ME- ICP41a Pb ppm 10	ME- ICP41a S % 0.05	ME- ICP41a Sb ppm 10	ME- ICP41a Sc ppm 5	ME- ICP41a Sr ppm 5	ME- ICP41a Th ppm 100	ME- ICP41a Ti % 0.05
G0667201		1.21	<50	2.08	560	<5	0.10	36	310	<10	5.07	<10	32	9	<100	0.27
G0667202		0.90	<50	1.83	520	<5	0.14	22	450	<10	2.23	<10	22	11	<100	0.23
G0667203		0.51	<50	1.24	680	<5	0.11	48	430	<10	8.25	<10	36	14	<100	0.18
G0667204		0.15	<50	1.04	480	<5	0.23	15	410	<10	0.47	10	15	10	<100	0.16
G0667205		0.95	<50	1.85	530	<5	0.14	29	310	<10	3.44	10	25	9	<100	0.24
G0667206		0.14	<50	0.77	480	<5	0.35	23	210	<10	1.19	10	13	68	<100	0.11
G0667207		0.21	<50	0.65	610	<5	0.16	15	550	10	1.06	<10	11	8	<100	0.17
G0667208		0.20	<50	0.85	800	<5	0.15	23	980	<10	0.53	<10	11	<5	<100	0.15
G0667209		0.25	<50	1.29	1050	<5	0.21	31	330	10	0.89	10	15	13	<100	0.13
G0667210		0.31	<50	11.15	300	<5	<0.05	<5	130	20	0.09	<10	<5	100	<100	<0.05
G0667211		0.94	<50	2.71	1010	<5	0.29	409	160	10	0.30	<10	11	26	<100	0.15
G0667212		0.35	<50	1.54	820	<5	0.70	11	450	<10	<0.05	<10	18	169	<100	0.31
G0667213		0.52	<50	2.12	710	<5	0.61	30	280	10	0.05	<10	15	130	<100	0.17
G0667214		0.26	<50	1.38	490	<5	0.52	21	310	<10	<0.05	<10	14	214	<100	0.18
G0667215		0.21	<50	0.45	220	<5	0.23	<5	90	<10	0.06	<10	<5	91	<100	0.06
G0667216		0.24	<50	0.84	270	<5	0.53	17	260	<10	<0.05	10	10	230	<100	0.13
G0667217		0.66	<50	1.98	520	<5	0.55	100	510	10	0.26	<10	13	102	<100	0.25
G0667218		0.37	<50	1.74	500	<5	0.60	322	380	<10	0.79	10	18	102	<100	0.20
G0667219		0.33	<50	1.99	540	<5	0.55	415	570	<10	1.17	<10	14	79	<100	0.15
G0667220																
G0667221		0.58	<50	2.16	460	<5	0.42	277	630	<10	0.51	<10	10	53	<100	0.17
G0667222		0.23	<50	1.32	420	<5	0.40	177	670	10	0.36	10	15	43	<100	0.20
G0667223		0.10	<50	0.48	290	<5	0.26	<5	530	<10	<0.05	10	10	30	<100	0.16
G0667224		0.17	<50	2.15	430	<5	0.56	24	180	<10	<0.05	<10	16	28	<100	0.09
G0667225		0.10	<50	2.15	380	<5	0.43	39	280	<10	<0.05	<10	12	55	<100	0.05
G0667226		0.25	<50	1.19	530	<5	0.46	37	260	<10	0.09	<10	10	94	<100	0.17
G0667227		0.07	<50	0.81	370	<5	0.49	73	500	<10	0.11	<10	11	71	<100	0.14
G0667228		0.33	<50	0.74	830	<5	0.27	<5	2490	<10	<0.05	<10	12	30	<100	0.32
G0667229		0.49	<50	1.01	940	<5	0.23	<5	2620	<10	<0.05	<10	13	28	<100	0.37
G0667230		0.52	<50	11.65	270	<5	<0.05	7	150	10	0.17	<10	<5	90	<100	<0.05
G0667231		0.34	<50	0.82	960	<5	0.24	<5	2130	<10	<0.05	<10	14	29	<100	0.35
G0667232		0.41	<50	1.27	750	<5	0.54	15	930	10	0.36	<10	15	190	<100	0.32
G0667233		0.28	<50	1.65	530	<5	0.42	40	150	<10	0.37	<10	17	53	<100	0.23
G0667234		0.35	<50	1.33	640	<5	0.31	34	220	10	<0.05	<10	11	45	<100	0.18
G0667235		0.31	<50	1.42	430	<5	0.35	48	430	<10	<0.05	<10	14	44	<100	0.22
G0667236		0.30	<50	1.62	370	<5	0.56	41	350	<10	<0.05	10	12	125	<100	0.14
G0667237		0.24	<50	1.30	360	<5	0.49	33	590	<10	<0.05	<10	18	60	<100	0.19
G0667238		0.12	<50	0.69	240	<5	0.37	22	550	<10	0.05	<10	12	51	<100	0.15
G0667239		0.10	<50	1.31	370	<5	0.35	34	280	<10	<0.05	<10	8	85	<100	<0.05
G0667240																

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SAINT- HIPPOLYTE QC J8A 3P3

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a Tl ppm 50	ME- ICP41a U ppm 50	ME- ICP41a V ppm 5	ME- ICP41a W ppm 50	ME- ICP41a Zn ppm 10	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
G0667201		<50	<50	285	<50	90	0.040	<0.005	<0.001
G0667202		<50	<50	191	<50	100	0.008	0.005	<0.001
G0667203		<50	<50	247	<50	20	0.032	0.008	0.006
G0667204		<50	<50	169	<50	30	0.004	<0.005	<0.001
G0667205		<50	<50	188	<50	50	0.015	<0.005	<0.001
G0667206		<50	<50	108	<50	20	0.001	<0.005	<0.001
G0667207		<50	<50	157	<50	120	<0.001	<0.005	<0.001
G0667208		<50	<50	92	<50	420	<0.001	<0.005	<0.001
G0667209		<50	<50	124	<50	300	<0.001	<0.005	<0.001
G0667210		<50	<50	7	<50	140	<0.001	<0.005	<0.001
G0667211		<50	<50	79	<50	110	0.006	0.006	0.004
G0667212		<50	<50	349	<50	40	<0.001	0.005	0.015
G0667213		<50	<50	144	<50	40	0.009	0.008	0.007
G0667214		<50	<50	123	<50	20	0.002	<0.005	<0.001
G0667215		<50	<50	22	<50	<10	<0.001	<0.005	<0.001
G0667216		<50	<50	63	<50	<10	0.011	0.012	0.005
G0667217		<50	<50	143	<50	30	0.021	0.029	0.085
G0667218		<50	<50	172	<50	30	0.028	0.057	0.216
G0667219		<50	<50	114	<50	30	0.036	0.058	0.225
G0667220							0.078	0.255	0.564
G0667221		<50	<50	91	<50	30	0.020	0.035	0.107
G0667222		<50	<50	117	<50	20	0.012	0.019	0.069
G0667223		<50	<50	178	<50	20	<0.001	<0.005	<0.001
G0667224		<50	<50	132	<50	<10	<0.001	<0.005	<0.001
G0667225		<50	<50	54	<50	<10	<0.001	<0.005	0.005
G0667226		<50	<50	73	<50	20	0.003	<0.005	<0.001
G0667227		<50	<50	148	<50	20	<0.001	0.005	<0.001
G0667228		<50	<50	67	<50	50	<0.001	<0.005	<0.001
G0667229		<50	<50	87	<50	70	<0.001	<0.005	<0.001
G0667230		<50	<50	6	<50	90	<0.001	<0.005	<0.001
G0667231		<50	<50	109	<50	50	0.001	<0.005	<0.001
G0667232		<50	<50	302	<50	30	0.011	0.024	0.026
G0667233		<50	<50	193	<50	30	0.023	0.010	0.052
G0667234		<50	<50	123	<50	50	0.001	0.010	0.005
G0667235		<50	<50	124	<50	30	0.012	0.016	0.023
G0667236		<50	<50	104	<50	30	0.006	0.007	0.018
G0667237		<50	<50	146	<50	30	0.005	0.007	0.016
G0667238		<50	<50	136	<50	20	0.008	0.010	0.014
G0667239		<50	<50	36	<50	20	0.002	<0.005	0.004
G0667240							0.063	0.291	0.595

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Finalisée date: 3- JUIL- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- ICP41a Ag ppm 1	ME- ICP41a Al % 0.05	ME- ICP41a As ppm 10	ME- ICP41a Ba ppm 50	ME- ICP41a Be ppm 5	ME- ICP41a Bi ppm 10	ME- ICP41a Ca % 0.05	ME- ICP41a Cd ppm 5	ME- ICP41a Co ppm 5	ME- ICP41a Cr ppm 5	ME- ICP41a Cu ppm 5	ME- ICP41a Fe % 0.05	ME- ICP41a Ga ppm 50	ME- ICP41a Hg ppm 5
G0667241		1.03	<1	2.13	20	<50	<5	<10	3.02	<5	15	138	116	2.51	<50	<5
G0667242		0.79	<1	1.41	<10	<50	<5	<10	1.76	<5	15	21	202	3.50	<50	<5
G0667243		0.83	<1	2.14	<10	60	<5	<10	2.60	<5	24	20	336	4.16	<50	<5
G0667244		0.88	<1	4.56	<10	<50	<5	<10	6.20	<5	12	47	54	2.49	<50	<5
G0667245		1.65	<1	1.53	<10	<50	<5	<10	1.91	<5	17	56	15	2.67	<50	<5
G0667246		0.86	<1	1.42	<10	<50	<5	10	2.32	<5	15	41	<5	2.11	<50	<5
G0667247		0.72	<1	5.64	20	60	<5	<10	8.13	<5	8	46	<5	2.53	<50	<5
G0667248		0.65	<1	1.67	<10	<50	<5	<10	2.14	<5	15	54	<5	2.87	<50	<5
G0667249		0.45	<1	0.81	10	<50	<5	<10	0.94	<5	5	20	<5	1.25	<50	<5
G0667250		0.93	<1	1.59	<10	<50	<5	<10	2.52	<5	14	128	<5	2.67	<50	<5
G0667251		1.07	<1	2.27	10	<50	<5	<10	3.06	<5	17	171	<5	2.46	<50	<5
G0667252		2.85	<1	2.06	10	<50	<5	<10	2.83	<5	14	70	<5	1.96	<50	<5
G0667253		1.10	<1	2.73	10	<50	<5	<10	3.32	<5	19	49	<5	3.37	<50	<5
G0667254		0.77	<1	3.86	<10	<50	<5	<10	4.84	<5	28	75	5	4.46	<50	<5
G0667255		0.85	<1	3.72	<10	60	<5	<10	7.46	<5	13	48	<5	2.66	<50	<5
G0667256		1.39	<1	2.90	<10	<50	<5	<10	3.47	<5	41	60	<5	7.79	<50	<5
G0667257		1.17	<1	1.49	10	<50	<5	<10	1.89	<5	17	16	<5	3.50	<50	<5
G0667258		0.65	<1	3.47	<10	<50	<5	10	5.53	<5	8	16	965	2.03	<50	<5
G0667259		0.75	<1	5.06	<10	170	<5	10	6.22	<5	28	35	432	2.28	<50	<5
G0667260		0.64	<1	4.93	10	200	<5	<10	6.37	<5	16	44	87	2.36	<50	<5
G0667261		0.67	<1	5.39	<10	170	<5	<10	6.38	<5	21	22	237	1.64	<50	<5
G0667262		0.85	<1	1.56	<10	<50	<5	<10	1.60	<5	15	22	187	3.55	<50	<5
G0667263		1.03	1	1.38	<10	<50	<5	<10	1.59	<5	17	45	199	2.84	<50	<5
G0667264		0.58	<1	4.56	<10	130	<5	<10	3.77	<5	13	35	56	2.40	<50	<5
G0667265		1.21	<1	1.95	<10	<50	<5	10	1.75	<5	13	13	147	3.19	<50	<5
G0667266		0.56	<1	3.29	<10	<50	<5	10	2.60	<5	22	20	243	4.85	<50	<5
G0667267		0.66	<1	3.57	<10	<50	<5	<10	2.84	<5	12	26	193	4.14	<50	<5
G0667268		0.73	<1	4.95	<10	100	<5	<10	4.32	<5	23	387	155	3.32	<50	<5
G0667269		1.02	<1	2.79	<10	70	<5	10	3.04	<5	20	333	92	2.79	<50	<5
G0667270		0.58	<1	0.34	10	190	<5	<10	21.1	<5	<5	5	<5	0.30	<50	<5
G0667271		2.06	<1	0.93	<10	<50	<5	<10	0.62	<5	<5	5	249	2.70	<50	<5
G0667272		2.28	<1	2.12	10	<50	<5	<10	2.57	<5	23	43	302	4.77	<50	<5
G0667273		1.32	<1	2.49	10	90	<5	<10	2.75	<5	31	36	52	4.13	<50	<5
G0667274		1.46	<1	2.42	<10	70	<5	<10	2.51	<5	38	28	1090	3.30	<50	<5
G0667275		1.35	<1	1.97	<10	<50	<5	<10	2.90	<5	26	30	1070	6.03	<50	8
G0667276		1.76	<1	2.66	<10	<50	<5	<10	3.11	<5	23	15	168	3.63	<50	<5
G0667277		1.62	<1	2.52	<10	<50	<5	<10	2.99	<5	18	14	207	3.16	<50	<5
G0667278		1.14	<1	2.78	<10	50	<5	<10	3.49	<5	37	20	394	5.68	<50	<5
G0667279		0.89	<1	2.79	<10	<50	<5	<10	3.34	<5	41	16	982	5.50	<50	<5
G0667280		0.72	<1	0.47	<10	300	<5	<10	17.70	<5	<5	6	<5	0.37	<50	<5

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Finalisée date: 3- JUIL- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a K % 0.05	ME- ICP41a La ppm 50	ME- ICP41a Mg % 0.05	ME- ICP41a Mn ppm 30	ME- ICP41a Mo ppm 5	ME- ICP41a Na % 0.05	ME- ICP41a Ni ppm 5	ME- ICP41a P ppm 50	ME- ICP41a Pb ppm 10	ME- ICP41a S % 0.05	ME- ICP41a Sb ppm 10	ME- ICP41a Sc ppm 5	ME- ICP41a Sr ppm 5	ME- ICP41a Th ppm 100	ME- ICP41a Ti % 0.05
G0667241		0.10	<50	1.28	440	<5	0.37	27	280	<10	<0.05	<10	11	79	<100	0.08
G0667242		0.09	<50	0.60	340	<5	0.31	9	480	<10	<0.05	<10	13	36	<100	0.17
G0667243		0.18	<50	1.08	510	<5	0.40	14	560	<10	<0.05	<10	17	75	<100	0.21
G0667244		0.16	<50	0.82	440	<5	0.53	14	170	<10	<0.05	10	8	182	<100	0.05
G0667245		0.08	<50	1.59	410	<5	0.42	25	100	10	<0.05	<10	16	16	<100	0.08
G0667246		0.08	<50	1.21	390	<5	0.29	16	100	10	<0.05	10	11	19	<100	0.07
G0667247		0.33	<50	0.66	590	<5	0.57	17	190	10	<0.05	10	5	236	<100	0.05
G0667248		0.13	<50	1.68	490	<5	0.36	25	100	<10	<0.05	<10	16	18	<100	0.08
G0667249		0.13	<50	0.45	240	<5	0.21	8	<50	<10	<0.05	<10	<5	23	<100	<0.05
G0667250		0.11	<50	1.73	500	<5	0.34	28	300	<10	<0.05	<10	12	16	<100	0.08
G0667251		0.20	<50	1.68	430	<5	0.33	23	370	<10	<0.05	10	13	45	<100	0.07
G0667252		0.11	<50	1.24	300	<5	0.30	21	170	<10	<0.05	<10	9	48	<100	0.05
G0667253		0.17	<50	1.96	400	<5	0.43	25	100	<10	<0.05	20	15	49	<100	0.07
G0667254		0.11	<50	1.83	460	<5	0.54	26	90	10	<0.05	10	14	91	<100	0.07
G0667255		0.29	<50	0.22	450	<5	<0.05	9	140	<10	<0.05	10	5	186	<100	<0.05
G0667256		0.14	<50	2.05	670	<5	0.56	26	70	<10	<0.05	<10	15	25	<100	0.06
G0667257		0.15	<50	0.96	330	<5	0.34	9	590	<10	<0.05	<10	13	59	<100	0.20
G0667258		0.08	<50	0.44	570	<5	0.42	10	240	<10	0.15	<10	5	140	<100	0.09
G0667259		0.17	<50	0.91	520	<5	0.89	38	250	<10	0.62	10	9	233	<100	0.06
G0667260		0.23	<50	1.14	630	<5	0.91	21	130	10	0.24	<10	11	233	<100	0.07
G0667261		0.11	<50	0.63	380	<5	0.76	28	260	<10	0.56	<10	6	276	<100	<0.05
G0667262		0.09	<50	0.53	310	<5	0.37	7	550	<10	0.09	<10	11	43	<100	0.17
G0667263		0.09	<50	0.59	360	<5	0.33	18	390	<10	0.11	<10	11	33	<100	0.15
G0667264		0.11	<50	1.07	350	<5	0.88	11	370	10	<0.05	10	15	108	<100	0.10
G0667265		0.06	<50	0.51	320	<5	0.43	25	610	<10	0.10	<10	11	45	<100	0.15
G0667266		0.06	<50	0.44	440	<5	0.66	18	550	<10	0.24	<10	9	130	<100	0.16
G0667267		0.06	<50	0.44	320	<5	0.65	16	580	<10	0.18	<10	10	130	<100	0.16
G0667268		0.26	<50	1.60	500	<5	0.62	117	70	<10	<0.05	<10	17	104	<100	0.16
G0667269		0.17	<50	1.50	510	<5	0.47	100	320	<10	<0.05	<10	15	45	<100	0.14
G0667270		0.37	<50	12.30	360	<5	<0.05	<5	230	30	0.14	<10	<5	99	<100	<0.05
G0667271		0.11	<50	0.38	310	<5	0.05	<5	370	10	0.05	<10	<5	5	<100	<0.05
G0667272		0.33	<50	1.42	630	<5	0.42	26	520	<10	<0.05	<10	14	51	<100	0.26
G0667273		0.63	<50	2.18	640	<5	0.41	38	490	<10	<0.05	<10	13	29	<100	0.18
G0667274		0.34	<50	1.21	400	<5	0.38	153	440	<10	0.33	<10	12	64	<100	0.13
G0667275		0.28	<50	1.18	760	<5	0.38	7	960	<10	0.13	<10	15	38	<100	0.34
G0667276		0.26	<50	1.48	590	<5	0.43	22	290	<10	<0.05	10	13	79	<100	0.12
G0667277		0.20	<50	1.09	500	<5	0.39	29	640	<10	0.09	<10	10	98	<100	0.15
G0667278		0.38	<50	2.19	920	<5	0.44	82	500	<10	0.22	10	13	38	<100	0.16
G0667279		0.25	<50	1.34	670	<5	0.44	193	790	<10	0.51	<10	13	80	<100	0.17
G0667280		0.57	<50	10.90	280	<5	<0.05	11	180	10	0.19	10	<5	102	<100	<0.05

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plus les pages d'annexe
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Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a Tl ppm 50	ME- ICP41a U ppm 50	ME- ICP41a V ppm 5	ME- ICP41a W ppm 50	ME- ICP41a Zn ppm 10	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
G0667241		<50	<50	69	<50	30	0.002	<0.005	0.004
G0667242		<50	<50	217	<50	40	0.001	<0.005	0.001
G0667243		<50	<50	200	<50	40	0.003	<0.005	<0.001
G0667244		<50	<50	95	<50	10	<0.001	<0.005	<0.001
G0667245		<50	<50	84	<50	70	<0.001	<0.005	<0.001
G0667246		<50	<50	62	<50	30	<0.001	<0.005	<0.001
G0667247		<50	<50	104	<50	20	<0.001	<0.005	<0.001
G0667248		<50	<50	83	<50	30	<0.001	<0.005	<0.001
G0667249		<50	<50	27	<50	20	<0.001	<0.005	<0.001
G0667250		<50	<50	69	<50	30	<0.001	<0.005	0.003
G0667251		<50	<50	71	<50	30	<0.001	<0.005	0.004
G0667252		<50	<50	57	<50	10	<0.001	<0.005	0.001
G0667253		<50	<50	88	<50	20	<0.001	<0.005	<0.001
G0667254		<50	<50	85	<50	40	<0.001	<0.005	<0.001
G0667255		<50	<50	103	<50	10	<0.001	<0.005	<0.001
G0667256		<50	<50	110	<50	20	<0.001	<0.005	<0.001
G0667257		<50	<50	158	<50	30	<0.001	<0.005	<0.001
G0667258		<50	<50	67	<50	20	0.021	<0.005	<0.001
G0667259		<50	<50	55	<50	30	0.002	<0.005	<0.001
G0667260		<50	<50	75	<50	30	<0.001	<0.005	<0.001
G0667261		<50	<50	36	<50	20	0.002	<0.005	<0.001
G0667262		<50	<50	248	<50	30	0.001	<0.005	<0.001
G0667263		<50	<50	166	<50	30	<0.001	<0.005	0.001
G0667264		<50	<50	97	<50	30	0.001	<0.005	0.002
G0667265		<50	<50	179	<50	30	<0.001	<0.005	<0.001
G0667266		<50	<50	270	<50	50	0.001	<0.005	<0.001
G0667267		<50	<50	300	<50	30	<0.001	<0.005	<0.001
G0667268		<50	<50	108	<50	30	0.003	<0.005	0.004
G0667269		<50	<50	104	<50	30	0.004	<0.005	0.003
G0667270		<50	<50	8	<50	180	0.001	<0.005	<0.001
G0667271		<50	<50	21	<50	20	0.001	<0.005	<0.001
G0667272		<50	<50	223	<50	40	0.014	0.009	0.012
G0667273		<50	<50	118	<50	40	0.003	<0.005	0.005
G0667274		<50	<50	102	<50	30	0.021	0.019	0.068
G0667275		<50	<50	292	<50	60	0.018	0.007	0.005
G0667276		<50	<50	102	<50	40	0.009	0.005	0.007
G0667277		<50	<50	116	<50	30	0.001	0.008	0.011
G0667278		<50	<50	120	<50	260	0.003	0.012	0.024
G0667279		<50	<50	144	<50	50	0.022	0.021	0.071
G0667280		<50	<50	8	<50	120	0.004	<0.005	<0.001

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Finalisée date: 3- JUIL- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- ICP41a Ag ppm 1	ME- ICP41a Al % 0.05	ME- ICP41a As ppm 10	ME- ICP41a Ba ppm 50	ME- ICP41a Be ppm 5	ME- ICP41a Bi ppm 10	ME- ICP41a Ca % 0.05	ME- ICP41a Cd ppm 5	ME- ICP41a Co ppm 5	ME- ICP41a Cr ppm 5	ME- ICP41a Cu ppm 5	ME- ICP41a Fe % 0.05	ME- ICP41a Ga ppm 50	ME- ICP41a Hg ppm 5
G0667281		1.48	<1	1.46	10	<50	<5	<10	1.96	<5	14	10	131	3.75	<50	<5
G0667282		1.26	<1	2.08	<10	<50	<5	<10	2.66	<5	13	23	84	4.13	<50	<5
G0667283		0.74	<1	0.72	<10	90	<5	<10	2.14	<5	10	<5	371	3.09	<50	<5
G0667284		0.79	<1	1.74	<10	90	<5	<10	2.22	<5	18	<5	176	6.92	<50	<5
G0667285		0.55	<1	5.10	<10	110	<5	<10	5.49	<5	15	<5	993	3.13	<50	<5
G0667286		0.38	<1	1.45	<10	<50	<5	<10	3.42	<5	23	<5	1010	8.23	<50	<5
G0667287		2.13	<1	1.48	<10	180	<5	<10	1.39	<5	16	6	173	4.15	<50	<5
G0667288		1.17	<1	1.97	<10	100	<5	<10	2.19	<5	24	<5	415	5.93	<50	<5
G0667289		1.07	<1	2.25	<10	80	<5	<10	2.79	<5	32	<5	411	6.18	<50	<5
G0667290		0.95	<1	0.43	<10	620	<5	<10	19.25	<5	<5	<5	<5	0.41	<50	<5
G0667291		1.29	<1	2.58	<10	80	<5	<10	3.72	<5	51	9	813	7.97	<50	<5
G0667292		2.05	<1	2.56	10	80	<5	10	3.40	<5	27	22	192	5.51	<50	<5
G0667293		0.69	<1	0.51	<10	<50	<5	<10	1.40	<5	<5	5	8	0.60	<50	<5
G0667294		0.92	<1	2.39	<10	60	<5	<10	3.17	<5	25	31	142	5.19	<50	<5
G0667295		0.86	<1	2.45	20	70	<5	<10	2.88	<5	28	13	66	5.32	<50	<5
G0667296		0.85	<1	2.49	<10	70	<5	<10	2.77	<5	30	9	684	4.06	<50	5
G0667297		1.79	<1	2.99	10	110	<5	<10	3.76	<5	28	<5	714	4.71	<50	<5
G0667310		0.38	<1	0.91	<10	580	<5	<10	20.7	<5	7	5	<5	0.52	<50	<5
G0667311		2.31	<1	2.40	10	60	<5	10	2.50	<5	22	17	433	3.79	<50	<5
G0667312		2.38	<1	3.86	<10	140	<5	<10	3.37	<5	33	11	832	4.01	<50	<5
G0667313		2.50	<1	2.05	<10	60	<5	<10	2.28	<5	22	24	176	3.23	<50	<5
G0667314		2.51	<1	2.11	<10	70	<5	<10	2.50	<5	25	36	230	3.55	<50	<5
G0667315		2.80	<1	2.01	<10	<50	<5	<10	2.40	<5	24	34	534	3.75	<50	<5
G0667316		1.78	<1	2.63	<10	100	<5	<10	1.71	<5	35	23	652	7.15	<50	<5
G0667317		2.13	<1	2.70	<10	90	<5	10	2.65	<5	48	66	922	4.39	<50	<5
G0667318		2.00	1	2.54	10	190	<5	<10	1.51	<5	194	52	12150	9.98	<50	<5
G0667319		1.71	1	1.56	<10	<50	<5	<10	1.84	<5	28	13	893	4.30	<50	<5
G0667320		1.52	<1	0.61	<10	<50	<5	<10	1.26	<5	19	<5	222	5.17	<50	<5
G0667321		1.24	<1	1.42	<10	70	<5	<10	2.92	<5	23	<5	1285	3.93	<50	<5
G0667322		1.03	<1	0.42	<10	<50	<5	<10	0.95	<5	14	<5	260	4.18	<50	<5
G0667323		0.51	<1	1.02	<10	90	<5	<10	1.63	<5	29	<5	844	5.92	<50	<5
G0667324		1.47	<1	0.79	<10	<50	<5	10	1.64	<5	11	<5	297	5.11	<50	7
G0667325		1.04	<1	1.98	<10	100	<5	<10	1.55	<5	31	<5	1325	6.59	<50	<5
G0667326		1.78	<1	2.37	10	70	<5	<10	3.56	<5	36	<5	514	7.12	<50	<5
G0667327		0.50	<1	2.33	10	60	<5	<10	4.48	<5	15	<5	48	5.74	<50	<5
G0667328		1.37	<1	1.45	<10	<50	<5	<10	3.49	<5	10	5	34	3.47	<50	<5
G0667329		2.09	<1	2.85	10	<50	<5	<10	3.38	<5	37	18	201	6.40	<50	<5
G0667330		0.38	<1	0.39	<10	340	<5	<10	19.90	<5	5	<5	6	0.37	<50	<5
G0667331		1.65	<1	2.46	10	60	<5	<10	2.02	<5	24	24	244	4.34	<50	<5
G0667332		1.46	<1	2.55	<10	90	<5	<10	2.98	<5	37	6	406	4.19	<50	<5

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Finalisée date: 3- JUIL- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a K % 0.05	ME- ICP41a La ppm 50	ME- ICP41a Mg % 0.05	ME- ICP41a Mn ppm 30	ME- ICP41a Mo ppm 5	ME- ICP41a Na % 0.05	ME- ICP41a Ni ppm 5	ME- ICP41a P ppm 50	ME- ICP41a Pb ppm 10	ME- ICP41a S % 0.05	ME- ICP41a Sb ppm 10	ME- ICP41a Sc ppm 5	ME- ICP41a Sr ppm 5	ME- ICP41a Th ppm 100	ME- ICP41a Ti % 0.05
G0667281		0.21	<50	1.01	600	<5	0.23	21	420	<10	0.06	<10	13	20	<100	0.13
G0667282		0.18	<50	1.20	690	<5	0.42	5	390	<10	<0.05	10	17	37	<100	0.16
G0667283		0.20	50	0.26	350	<5	0.14	<5	2080	<10	0.52	<10	<5	42	<100	0.31
G0667284		0.89	<50	0.88	730	<5	0.19	<5	1780	<10	0.19	<10	9	18	<100	0.37
G0667285		0.29	<50	0.26	320	5	0.98	<5	1460	10	1.29	10	<5	534	<100	0.30
G0667286		0.16	130	0.77	900	<5	0.18	<5	1530	<10	0.48	<10	8	43	<100	0.18
G0667287		0.55	<50	0.92	490	<5	0.10	11	850	<10	0.10	<10	6	36	<100	0.18
G0667288		0.66	<50	1.11	650	<5	0.24	16	1090	<10	0.21	10	11	29	<100	0.32
G0667289		0.67	<50	1.36	700	<5	0.31	15	580	<10	0.16	<10	16	30	<100	0.36
G0667290		0.51	<50	11.65	450	<5	<0.05	5	110	110	0.20	<10	<5	100	<100	<0.05
G0667291		0.79	<50	2.06	960	<5	0.39	27	680	<10	0.51	<10	17	26	<100	0.46
G0667292		0.63	<50	1.56	800	<5	0.38	21	620	<10	0.10	<10	17	59	<100	0.34
G0667293		0.21	50	0.27	150	<5	0.12	5	230	<10	<0.05	20	<5	27	<100	<0.05
G0667294		0.53	<50	1.79	750	<5	0.36	24	580	<10	0.06	<10	16	41	<100	0.29
G0667295		0.61	<50	1.81	790	<5	0.37	17	400	10	0.07	<10	15	35	<100	0.29
G0667296		0.52	<50	1.22	620	<5	0.39	12	380	10	0.26	<10	10	66	<100	0.16
G0667297		0.43	<50	1.56	700	<5	0.44	34	320	<10	0.37	<10	16	126	<100	0.32
G0667310		1.15	<50	8.33	350	<5	<0.05	7	160	<10	0.41	10	<5	263	<100	0.05
G0667311		0.49	<50	1.34	490	<5	0.37	37	430	10	0.24	<10	10	64	<100	0.18
G0667312		0.76	<50	1.68	400	<5	0.52	73	550	<10	0.33	<10	10	96	<100	0.21
G0667313		0.42	<50	1.37	370	<5	0.36	34	640	<10	0.11	10	9	56	<100	0.18
G0667314		0.45	<50	1.39	460	<5	0.38	41	790	<10	0.12	<10	12	44	<100	0.21
G0667315		0.35	<50	1.55	520	<5	0.36	51	740	<10	0.27	<10	12	46	<100	0.18
G0667316		0.50	<50	2.74	560	<5	0.30	70	680	<10	0.51	<10	11	48	<100	0.16
G0667317		0.63	<50	2.20	520	<5	0.35	222	170	10	0.47	<10	11	81	<100	0.11
G0667318		1.26	<50	2.41	660	<5	0.24	1280	470	<10	4.13	<10	10	19	<100	0.19
G0667319		0.28	<50	1.24	550	<5	0.28	111	300	10	0.27	<10	17	26	<100	0.19
G0667320		0.12	<50	0.27	330	<5	0.13	<5	1350	10	0.31	<10	<5	29	<100	0.16
G0667321		0.14	<50	0.28	390	5	0.38	7	2720	<10	1.75	10	<5	93	<100	0.37
G0667322		0.10	<50	0.15	250	<5	0.10	<5	800	10	0.37	<10	<5	28	<100	0.16
G0667323		0.42	<50	0.45	610	<5	0.17	<5	1140	<10	1.46	<10	6	38	<100	0.31
G0667324		0.14	<50	0.22	390	<5	0.14	5	1820	<10	0.21	<10	<5	52	<100	0.24
G0667325		0.98	<50	0.97	550	<5	0.14	<5	850	<10	0.74	10	10	29	<100	0.41
G0667326		0.46	<50	1.37	860	<5	0.06	8	750	<10	0.21	<10	13	70	<100	0.15
G0667327		0.21	<50	1.43	630	<5	0.06	27	960	<10	<0.05	<10	12	46	<100	<0.05
G0667328		0.14	<50	1.07	600	<5	0.06	24	580	<10	<0.05	10	9	35	<100	<0.05
G0667329		0.46	<50	2.13	940	<5	0.26	22	860	10	0.05	<10	19	48	<100	0.24
G0667330		0.50	<50	11.80	350	<5	<0.05	<5	170	10	0.20	<10	<5	131	<100	<0.05
G0667331		0.33	<50	2.15	560	<5	0.32	25	460	<10	0.09	<10	9	74	<100	0.13
G0667332		0.76	<50	2.41	700	<5	0.24	67	280	<10	0.10	10	8	51	<100	0.12

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CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a Tl ppm 50	ME- ICP41a U ppm 50	ME- ICP41a V ppm 5	ME- ICP41a W ppm 50	ME- ICP41a Zn ppm 10	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
G0667281		<50	<50	136	<50	40	0.004	0.020	0.062
G0667282		<50	<50	166	<50	70	0.003	<0.005	0.002
G0667283		<50	<50	19	<50	20	0.005	<0.005	<0.001
G0667284		<50	<50	53	<50	60	0.001	<0.005	<0.001
G0667285		<50	<50	24	<50	20	0.008	<0.005	<0.001
G0667286		<50	<50	75	<50	10	0.014	<0.005	<0.001
G0667287		<50	<50	83	<50	50	0.011	0.006	0.005
G0667288		<50	<50	176	<50	30	0.009	<0.005	0.018
G0667289		<50	<50	281	<50	30	0.001	0.014	0.019
G0667290		<50	<50	9	<50	240	<0.001	<0.005	<0.001
G0667291		<50	<50	406	<50	40	<0.001	0.010	0.015
G0667292		<50	<50	280	<50	40	<0.001	0.019	0.005
G0667293		<50	<50	7	<50	<10	<0.001	<0.005	<0.001
G0667294		<50	<50	224	<50	30	0.006	<0.005	0.003
G0667295		<50	<50	233	<50	30	0.001	0.007	0.004
G0667296		<50	<50	124	<50	40	0.011	<0.005	0.003
G0667297		<50	<50	288	<50	30	<0.001	0.019	0.014
G0667310		<50	<50	9	<50	<10	<0.001	<0.005	<0.001
G0667311		<50	<50	109	<50	20	0.011	<0.005	0.005
G0667312		<50	<50	104	<50	20	0.014	0.011	0.038
G0667313		<50	<50	89	<50	10	<0.001	<0.005	0.002
G0667314		<50	<50	110	<50	20	<0.001	<0.005	0.005
G0667315		<50	<50	101	<50	30	<0.001	<0.005	0.011
G0667316		<50	<50	86	<50	350	<0.001	0.007	0.006
G0667317		<50	<50	69	<50	80	0.012	0.037	0.104
G0667318		<50	<50	98	<50	40	0.043	0.055	0.609
G0667319		<50	<50	141	<50	40	0.023	0.030	0.112
G0667320		<50	<50	34	<50	40	<0.001	<0.005	<0.001
G0667321		<50	<50	29	<50	20	<0.001	0.005	<0.001
G0667322		<50	<50	21	<50	40	<0.001	<0.005	<0.001
G0667323		<50	<50	31	<50	50	0.002	<0.005	<0.001
G0667324		<50	<50	41	<50	20	0.002	0.007	<0.001
G0667325		<50	<50	143	<50	70	0.009	<0.005	<0.001
G0667326		<50	<50	149	<50	70	<0.001	<0.005	<0.001
G0667327		<50	<50	114	<50	60	0.004	<0.005	0.003
G0667328		<50	<50	67	<50	40	<0.001	<0.005	<0.001
G0667329		<50	<50	314	<50	60	0.005	<0.005	0.009
G0667330		<50	<50	10	<50	20	<0.001	<0.005	<0.001
G0667331		<50	<50	84	<50	30	0.002	0.005	0.004
G0667332		<50	<50	69	<50	40	0.004	0.007	0.020

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CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- ICP41a Ag ppm 1	ME- ICP41a Al % 0.05	ME- ICP41a As ppm 10	ME- ICP41a Ba ppm 50	ME- ICP41a Be ppm 5	ME- ICP41a Bi ppm 10	ME- ICP41a Ca % 0.05	ME- ICP41a Cd ppm 5	ME- ICP41a Co ppm 5	ME- ICP41a Cr ppm 5	ME- ICP41a Cu ppm 5	ME- ICP41a Fe % 0.05	ME- ICP41a Ga ppm 50	ME- ICP41a Hg ppm 5
G0667350		0.12	2	2.52	10	60	<5	<10	1.66	<5	109	100	4440	11.40	<50	<5
G0667351		1.02	<1	1.49	<10	100	<5	<10	1.00	<5	13	8	405	5.06	<50	<5
G0667352		0.70	1	3.09	10	<50	<5	10	2.06	<5	32	14	923	5.29	<50	<5
G0667353		0.83	<1	1.95	20	<50	<5	<10	2.96	<5	21	39	192	3.41	<50	<5
G0667354		0.11														
G0667362		0.93	1	5.52	10	50	<5	<10	3.97	<5	21	16	1990	3.68	<50	<5
G0667363		0.80	<1	1.80	10	180	<5	<10	0.41	<5	51	20	1395	6.95	<50	<5
G0667364		0.36	<1	0.31	<10	60	<5	<10	2.37	<5	18	<5	929	3.35	<50	<5
G0667365		3.51	<1	1.06	20	70	<5	<10	1.35	<5	32	<5	3610	7.26	<50	6
G0667366		0.75	<1	1.84	<10	<50	<5	<10	2.39	<5	23	17	494	4.36	<50	<5
G0667367		0.55	<1	2.09	<10	60	<5	<10	2.73	<5	11	<5	633	3.67	<50	<5
G0667368		1.32	<1	2.48	<10	90	<5	<10	2.78	<5	77	<5	1610	7.44	<50	<5
G0667369		0.63	1	3.43	<10	90	<5	<10	2.75	<5	41	10	3630	3.41	<50	<5
G0667370		Not Recvd														
G0667371		0.51	<1	1.16	<10	<50	<5	<10	1.34	<5	16	25	1605	3.66	<50	<5
G0667372		0.43	<1	2.09	<10	<50	<5	<10	2.81	<5	29	<5	686	5.29	<50	<5
G0667373		1.31	<1	1.14	10	<50	<5	<10	1.46	<5	14	<5	275	2.67	<50	5
G0667374		1.23	<1	4.39	10	50	<5	<10	4.52	<5	32	<5	190	6.69	<50	<5
G0667375		1.03	<1	3.98	10	60	<5	10	3.41	<5	24	<5	74	5.25	<50	<5
G0667376		0.54	<1	4.77	<10	90	<5	10	4.18	<5	30	<5	39	6.59	<50	<5
G0667377		0.40	<1	5.53	10	<50	<5	<10	4.58	<5	16	6	166	5.52	<50	<5
G0667378		1.70	<1	2.54	10	80	<5	<10	2.24	<5	34	34	371	4.84	<50	<5
G0667379		0.91	<1	2.54	20	<50	<5	<10	3.17	<5	46	11	969	5.32	<50	<5
G0667380		0.12														
G0667381		0.79	<1	2.84	<10	70	<5	10	2.67	<5	27	6	401	3.97	<50	<5
G0667382		1.94	<1	2.55	<10	90	<5	<10	2.79	<5	17	5	83	3.98	<50	<5
G0667383		0.53	<1	2.92	10	90	<5	<10	2.14	<5	29	10	187	5.02	<50	<5
G0667384		1.25	<1	1.35	<10	<50	<5	<10	1.87	<5	129	17	635	4.83	<50	<5
G0667385		0.42	<1	1.03	<10	<50	<5	<10	1.56	<5	25	12	335	3.24	<50	<5
G0667386		0.90	<1	2.97	<10	100	<5	<10	2.77	<5	60	14	592	4.13	<50	<5
G0667387		0.90	<1	1.46	<10	<50	<5	<10	2.03	<5	24	8	247	3.14	<50	<5

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À: EXPLO- LOGIK INC
863 KILKENNY
SAINT- HIPPOLYTE QC J8A 3P3

Finalisée date: 3- JUIL- 2017
Compte: 727CAN

Projet: GREEN PALADIUM

CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a K % 0.05	ME- ICP41a La ppm 50	ME- ICP41a Mg % 0.05	ME- ICP41a Mn ppm 30	ME- ICP41a Mo ppm 5	ME- ICP41a Na % 0.05	ME- ICP41a Ni ppm 5	ME- ICP41a P ppm 50	ME- ICP41a Pb ppm 10	ME- ICP41a S % 0.05	ME- ICP41a Sb ppm 10	ME- ICP41a Sc ppm 5	ME- ICP41a Sr ppm 5	ME- ICP41a Th ppm 100	ME- ICP41a Ti % 0.05
G0667350		0.19	<50	2.66	810	<5	0.40	4350	630	20	1.82	10	<5	76	<100	0.23
G0667351		0.88	<50	1.12	610	<5	0.10	11	360	<10	0.11	<10	10	13	<100	0.21
G0667352		0.80	<50	1.01	660	<5	0.16	32	450	<10	0.35	10	13	27	<100	0.29
G0667353		0.34	<50	1.55	650	<5	0.32	52	700	<10	0.06	10	14	63	<100	0.16
G0667354																
G0667362		0.45	<50	0.69	470	<5	0.45	19	470	<10	0.31	<10	9	70	<100	0.22
G0667363		1.21	<50	1.30	730	<5	0.08	36	470	<10	1.39	<10	11	7	<100	0.33
G0667364		0.13	<50	0.15	390	10	0.06	<5	3940	10	1.18	<10	<5	37	<100	0.40
G0667365		0.45	<50	0.57	450	8	0.17	<5	1560	<10	0.69	<10	9	19	<100	0.32
G0667366		0.66	<50	1.09	600	<5	0.26	16	990	<10	0.10	20	11	32	<100	0.32
G0667367		0.48	<50	0.47	480	<5	0.18	<5	1390	<10	0.16	<10	6	65	<100	0.32
G0667368		0.70	<50	1.38	780	<5	0.34	27	600	<10	1.36	10	14	36	<100	0.36
G0667369		0.92	<50	1.92	410	<5	0.42	126	300	<10	0.28	20	6	69	<100	0.13
G0667370																
G0667371		0.08	<50	0.58	310	<5	0.28	40	520	<10	0.11	10	11	28	<100	0.15
G0667372		0.44	<50	0.79	640	8	0.29	6	1570	<10	0.19	<10	8	166	<100	0.32
G0667373		0.23	<50	0.45	340	<5	<0.05	<5	740	<10	<0.05	<10	5	79	<100	0.17
G0667374		0.80	<50	1.73	980	<5	0.58	8	1230	<10	0.05	10	17	205	<100	0.47
G0667375		0.98	<50	1.24	620	<5	0.46	6	1160	20	<0.05	<10	12	157	<100	0.40
G0667376		0.80	<50	1.81	820	<5	0.58	8	1860	<10	<0.05	10	15	259	<100	0.42
G0667377		0.20	<50	1.20	650	<5	0.70	8	2550	<10	0.12	<10	10	663	<100	0.30
G0667378		1.02	<50	1.48	520	<5	0.33	26	1130	<10	0.11	<10	12	67	<100	0.36
G0667379		0.49	<50	1.52	650	<5	0.39	34	480	<10	0.39	<10	13	60	<100	0.23
G0667380																
G0667381		0.58	<50	0.92	410	<5	0.45	11	1340	<10	0.23	10	8	114	<100	0.22
G0667382		0.49	<50	1.11	470	<5	0.42	29	500	10	<0.05	<10	13	83	<100	0.28
G0667383		0.53	<50	2.71	470	<5	0.43	64	270	<10	<0.05	<10	8	251	<100	0.17
G0667384		0.19	<50	1.01	440	<5	0.29	28	380	10	0.98	20	19	30	<100	0.19
G0667385		0.23	<50	0.77	340	<5	0.20	14	310	10	0.40	<10	15	<5	<100	0.18
G0667386		0.63	<50	0.94	360	<5	0.45	15	340	10	0.69	<10	12	22	<100	0.27
G0667387		0.21	<50	0.76	380	<5	0.27	13	400	10	0.29	<10	13	16	<100	0.15

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CERTIFICAT D'ANALYSE VO17084588

Description échantillon	Méthode élément unités L.D.	ME- ICP41a Tl ppm 50	ME- ICP41a U ppm 50	ME- ICP41a V ppm 5	ME- ICP41a W ppm 50	ME- ICP41a Zn ppm 10	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
G0667350		<50	<50	52	<50	90	0.089	0.282	0.589
G0667351		<50	<50	152	<50	80	0.004	<0.005	<0.001
G0667352		<50	<50	237	<50	90	0.018	0.005	<0.001
G0667353		<50	<50	96	<50	30	0.006	<0.005	0.010
G0667354							0.035	0.227	0.419
G0667362		<50	<50	192	<50	50	0.035	<0.005	<0.001
G0667363		<50	<50	272	<50	290	<0.001	0.008	0.009
G0667364		<50	<50	27	<50	20	<0.001	<0.005	<0.001
G0667365		<50	<50	77	<50	40	0.017	<0.005	<0.001
G0667366		<50	<50	140	<50	30	0.003	<0.005	<0.001
G0667367		<50	<50	156	<50	20	0.002	<0.005	<0.001
G0667368		<50	<50	298	<50	50	<0.001	0.006	0.010
G0667369		<50	<50	62	<50	30	0.052	0.019	0.094
G0667370									
G0667371		<50	<50	212	<50	20	0.022	0.031	0.112
G0667372		<50	<50	103	<50	40	0.061	<0.005	<0.001
G0667373		<50	<50	68	<50	20	<0.001	0.030	0.005
G0667374		<50	<50	299	<50	70	0.002	0.007	0.035
G0667375		<50	<50	209	<50	120	0.001	0.020	0.007
G0667376		<50	<50	240	<50	70	<0.001	<0.005	<0.001
G0667377		<50	<50	253	<50	30	0.001	<0.005	<0.001
G0667378		<50	<50	167	<50	60	<0.001	<0.005	0.001
G0667379		<50	<50	172	<50	50	<0.001	<0.005	0.017
G0667380							0.052	0.289	0.628
G0667381		<50	<50	111	<50	30	0.003	<0.005	0.003
G0667382		<50	<50	192	<50	30	<0.001	0.015	0.002
G0667383		<50	<50	80	<50	30	0.005	0.006	0.002
G0667384		<50	<50	173	<50	10	<0.001	<0.005	0.001
G0667385		<50	<50	140	<50	20	0.001	0.006	<0.001
G0667386		<50	<50	150	<50	10	<0.001	0.013	<0.001
G0667387		<50	<50	129	<50	10	<0.001	<0.005	<0.001

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CERTIFICAT D'ANALYSE VO17084588

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 22	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP41a	PGM- ICP23

APPENDIX VI : Drill logs

Zorayda Consulting Ltd

DDH: GP-17-10

		Claims title:	2402169	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson
Contractor:	Forage G4	Lot:			
Author:	Robin Adair	Start date:	4/18/2017	Description date:	4/24/2017
		End date:	4/20/2017		

Collar

Azimuth: 317.0°
Dip: -45.00°
Length: 148.50

UTM NAD83 z18

East	371358.9000
North	5060682.6500
Elevation	159.0000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	15.00	315.3°	-44.5°	No
EZ-trac	60.00	311.3°	-44.2°	No
EZ-trac	120.00	316.9°	-43.4°	No
EZ-trac	148.50	317.4°	-43.3°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples: 10
Number of QAQC samples: 1
Total sampled length: 8.82

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
0.00	4.00	CSG								
		Casing								
		Casing								
0.00	9.00	Su								
		Sulfides								
		Disseminated								
4.00	24.00	M16								
		Amphibolite								
		Dark green amphibolite. Alternating dark green amphibolite (amphibole > feldspar) and slightly lighter green, more feldspathic (feldspar ≥ amphibole) regions inducing a subtle weak gneissosity to the rock best observed on a wet surface. Alternating units are thick to thin and, where thin, impart a locally defined and measurable gneissic foliation to the rock. Within this main amphibolite unit are intervals of more amphibolite clots or clasts (xenoliths?, fragments?) within slightly more feldspathic material. The amphibolitic clots range in size .5 – 4 cms. The texture is subtle and best visible in wet core. The unit is magnetic throughout. Sparse sulphides.								
4.00	14.00	Grt								
		Garnets								
		Weak garnet development								
6.50	7.00	M16c								
		Amphibolite clots								
		Amphibolite clots or fragments, est 2-5 cms in dark to medium green feldspathic amphibolite								
9.40	11.70	M16c								
		Amphibolite clots								
		Amphibolite clots or fragments as above								
24.00	24.60	Flt								
		Fault								
		Fault zone with chlorite and some graphite								
24.60	25.40	M16								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Amphibolite							
		Amphibolite with zones of dark green hornblendite fragments or xenoliths as per 4-24m							
25.40	25.70	Flt							
		Fault							
		Fault zone							
25.70	68.80	M16							
		Amphibolite							
		Amphibolite with zones of dark green hornblendite fragments or xenoliths as per 4 - 24m							
28.50	36.00	M16c							
		Amphibolite clots							
		Amphibolite clots or fragments as above							
68.80	71.80	M52	68.80	70.00	G0667201	1.20	-0.005	-0.001	0.04
		Quartz-biotite gneiss	70.00	70.70	G0667202	0.70	0.01	-0.001	0.01
		Quartz-biotite gneiss, medium grey green and siliceous. Magnetism noticeably decreases in this unit. Siliceous banding is folded in core with moderately defined axial planar cleavage at obtuse angle to gneissic banding. Well developed and pervasive disseminated mineralization up to 20% sulphides dominated by pyrite with traces of chalcopyrite.	70.70	71.80	G0667203	1.10	0.01	0.01	0.03
71.80	73.00	M16	71.80	73.00	G0667204	1.20	-0.005	-0.001	0.00
		Amphibolite							
		Amphibolite with zones of dark green hornblendite fragments or xenoliths as per 4 - 24m							
73.00	74.56	M52	73.00	74.00	G0667205	1.00	-0.005	-0.001	0.02
		Quartz-biotite gneiss	74.00	74.56	G0667206	0.56	-0.005	-0.001	0.00
		Quartz-biotite gneiss. As per 68.8 - 71.8 with 15% disseminated pyrite and traces of chalcopyrite. Garnets increasing towards downhole contact.							
74.56	90.43	M16							
		Amphibolite							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Similar to 4.00-24.00. Fragment-xenoliths are well developed and dominant. Fragments-xenoliths remain dark and composed mostly of hornblende. Magnetism is diagnostic and similar to amphibolite units higher in the hole. Garnet development is weak to moderate and increases down hole. Quartz sweats developed toward the downhole contact.							
81.00	82.00	M16c **Amphibolite clots** Very well-defined fragment - xenolith texture with very dark fragments in a lighter green-brown feldspathic groundmass.							
90.43	109.50	M16 **Amphibolite** Similar to 74.56 90.43 with feldspathic component becoming more dominant and imparts a slightly lighter green color to the rock. Fragment-xenoliths are again well developed and dominant. Fragments-xenoliths remain dark and composed mostly of hornblende. In general, the groundmass feldspathic component is quite dominant relative to the fragment-xenolith component. Unit is magnetic and becomes more siliceous in general.							
109.50	119.85	M62 **Quartzofeldspathic gneiss** Quartzofeldspathic gneiss, amphibolitic with traces of biotite. The unit is light green grey with well-developed gneissic banding. Garnets throughout and siliceous. Disseminated Cpy and Po from 113.36 tp 119.85.	113.36 114.27 115.22 116.00 119.30	114.27 115.22 115.87 117.00 119.85	G0667207 G0667208 G0667209 G0667210 (Bln) G0667211	0.91 0.95 0.65 1.00 0.55	-0.005 -0.005 -0.005 -0.005 0.01	-0.001 -0.001 -0.001 -0.001 0.00	-0.001 -0.001 -0.001 -0.001 0.01
119.85	126.80	I3A **Gabbro** Metagabbro, amphibole slightly dominant over feldspar. The unit is massive unit and of uniform texture with very weak gneissosity. Quartz- K-feldspar-amphibole pegmatite vein runs near-parallel to core axis from 123-124 m.							
123.00	124.00	I1G							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Pegmatite Quartz, K-feldspar, amphibole vein, unaffected by gneissosity of foliation.							
126.80	127.20	M53 **Garnet-biotite gneiss** Garnet-biotite gneiss, light grey-brown. fairly siliceous with well-developed gneissosity.							
127.20	128.00	Flt **Fault** Broken core with fault gouge							
128.00	139.00	M53 **Garnet-biotite gneiss** Garnet-biotite gneiss as per 126.8 - 127.2, becomes more siliceous towards downhole contact. Contact is poorly defined.							
139.00	148.50	M62 **Quartzofeldspathic gneiss** Quartzofeldspathic - garnet gneiss, orthogneiss							
145.50	148.50	M62 **Quartzofeldspathic gneiss** Quartzofeldspathic - garnet gneiss. Orange K-fleldspar well-developed.							

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	
4.00	5.00	1.00	DS	Py+Po+Cpy	1	1	0		0	
39.20	42.00	2.80	DS	Py+Po	1	1	0			
68.80	70.70	1.90	DS	Py	15	15				
70.70	71.80	1.10	DS	Py	20	20				
71.80	73.00	1.20	DS	Py	3	3				
73.00	74.56	1.56	DS	Py	15	15				
102.00	103.20	1.20	DS	Py+Po	2	1	1			
113.36	115.87	2.51	DS	Po+Cpy	8		6		2	
119.30	119.85	0.55	DS	Cpy+Po	5		3		2	

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
4.00	6	0	8	43	1	165			124	43	25
5.00	6	0	7	1	1	145			12	1	23
6.00	4	1	4	1	1	165			6	1	6
7.00	6	0	12	1	387	163			13	0	16
8.00	4	0	4	1	1	93				1	27
9.00	3	2	10	46	402	180				0	2
10.00	8	0	8	1	1	187				1	24
11.00	5	0	9	1	90	129				0	18
12.00	7	0	6	54	1	193				54	25
13.00	2	0	8	1	77	49				0	17
14.00	3	1	8	1	1	81				1	4
15.00	3	0	5	1	17	64				0	29
16.00	4	0	9	1	49	84				0	40
17.00	5	0	8	1	167	70				0	25
18.00	6	0	6	1	1	178				1	29
19.00	1	0	16	1	1	187				1	6
20.00	6	0	8	24	1	143				24	30
21.00	6	0	7	1	1	125				1	25
22.00	5	0	6	1	1	100				1	19
23.00	2	0	6	1	1	126				1	12
24.00	2	0	7	1	227	78				0	18
25.00	4	0	2	1	1	1				1	22
26.00	1	0	7	1	1	87				1	14
27.00	5	0	12	27	1	158				27	137
28.00	6	0	8	39	50	238				1	20
29.00	6	0	6	1	32	219				0	21
30.00	3	0	9	1	41	198				0	21
31.00	4	0	9	66	1177	98				0	26
32.00	4	0	6	1	29	139				0	23
33.00	6	0	6	1	65	153				0	26
34.00	5	1	8	37	1	193				37	10

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
35.00	7	0	6	36	1	91				36	78
36.00	6	0	8	55	1	182				55	26
37.00	5	0	9	1	41	164				0	27
38.00	6	0	9	1	60	178				0	27
39.00	6	0	6	1	1	168				1	37
40.00	6	0	6	1	1	118				1	34
41.00	6	0	7	34	1	133				34	38
42.00	7	0	7	1	1	211				1	46
43.00	6	0	9	55	25	176				2	28
44.00	3	0	7	1	1	48				1	25
45.00	4	0	5	1	61	154				0	30
46.00	6	0	8	1	120	166				0	24
47.00	3	0	7	1	487	138				0	27
48.00	5	0	7	1	64	115				0	26
49.00	2	0	8	1	176	55				0	42
50.00	3	0	7	1	150	53				0	45
51.00	5	0	8	1	1	195				1	46
52.00	5	0	8	1	29	116				0	41
53.00	5	0	9	1	1	145				1	28
54.00	4	0	8	1	1	143				1	33
55.00	6	0	8	1	1	110				1	38
56.00	5	0	8	41	106	197			10	0	16
57.00	4	0	5	1	148	130			1	0	18
58.00	4	0	6	1	1	145			0	1	14
59.00	6	0	7	56	254	164			1	0	14
60.00	7	0	7	1	1	199			26	1	15
61.00	6	1	6	57	119	156			4	0	12
62.00	5	0	7	1	1	160			3	1	17
63.00	6	0	4	1	1	83			1	1	14
64.00	6	0	9	39	358	318			4	0	15
65.00	4	0	8	1	36	162			6	0	18

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
66.00	5	0	9	1	360	164			14	0	21
67.00	7	0	5	1	17	80			19	0	25
68.00	6	0	6	1	117	165			1	0	19
69.00	1	2	7	1	59	301			0	0	1
70.00	3	3	5	1	40	259			0	0	1
71.00	6	0	11	1	325	161			0	0	34
72.00	6	0	7	1	1	237			8	1	24
73.00	7	0	7	1	1	248			3	1	14
74.00	4	0	6	1	1	93			7	1	14
75.00	4	0	8	1	64	83			44	0	13
76.00	7	0	6	1	1	492			2	1	24
77.00	5	0	9	1	78	180			3	0	14
78.00	6	0	9	1	232	232			57	0	19
79.00	5	0	5	1	1	102			24	1	17
80.00	3	0	5	1	1	50			8	1	26
81.00	6	0	9	41	94	183			37	0	14
82.00	5	0	7	1	1	197			54	1	23
83.00	5	0	3	1	1	73			50	1	23
84.00	6	0	6	1	1	164			16	1	18
85.00	5	0	8	1	1	153			28	1	24
86.00	6	0	8	1	1	164			22	1	26
87.00	13	0	6	38	49	188			31	1	200
88.00	4	0	6	1	15	104			28	0	19
89.00	6	0	5	1	1	88			12	1	29
90.00	5	0	9	45	16	56			9	3	20
91.00	5	0	9	1	1	172			9	1	16
92.00	4	0	9	39	583	218			17	0	25
93.00	6	0	8	34	15	234			27	2	28
94.00	5	0	9	52	86	147			37	1	20
95.00	4	0	11	39	89	280			78	0	14
96.00	3	0	8	1	36	171			3	0	13

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
97.00	7	0	5	1	1	175			10	1	20
98.00	5	0	9	39	1	158			3	39	14
99.00	5	0	8	1	164	112			15	0	19
100.00	4	0	8	1	1	200			29	1	16
101.00	6	0	7	1	14	128			7	0	22
102.00	18	0	14	1	1	259			26	1	668
103.00	6	0	10	40	60	281			3	1	17
104.00	5	0	10	1	42	211			39	0	22
105.00	4	0	7	1	1	250			1	1	28
106.00	5	0	9	35	1	180			5	35	19
107.00	6	0	8	1	1	126			2	1	25
108.00	4	0	11	34	109	174			14	0	12
109.00	7	0	6	1	1	168			0	1	23
110.00	6	0	6	1	16	197			4	0	37
111.00	6	0	7	1	37	163			3	0	34
112.00	5	0	7	1	34	89			12	0	35
113.00	6	0	7	1	1	165			0	1	14
114.00	7	0	7	1	168	152			1	0	25
115.00	4	0	7	1	190	113			35	0	20
116.00	5	1	9	41	89	273			1	0	7
117.00	6	0	6	39	1	242			3	39	21
118.00	6	1	10	1	93	182			4	0	12
119.00	5	0	10	33	403	142			23	0	29
120.00	6	2	8	285	261	477			3	1	4
121.00	7	0	1	1	1	158			0	1	27
122.00	8	0	7	113	1	526			0	113	19
123.00	9	0	7	85	1	515			0	85	20
124.00	8	0	6	38	96	379			0	0	18
125.00	8	0	8	143	28	513			0	5	20
126.00	9	0	7	90	89	312			0	1	32
127.00	10	1	8	91	1	450			2	91	17

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
128.00	4	3	9	62	1	225			0	62	1
129.00	5	2	9	33	1	185			2	33	2
130.00	4	2	8	75	1	178			1	75	2
131.00	4	1	6	58	1	126			2	58	5
132.00	4	1	16	124	24	277			6	5	6
133.00	8	1	8	25	1	162			2	25	13
134.00	4	3	8	79	1	240			0	79	2
135.00	7	1	8	72	1	185			0	72	5
136.00	8	2	5	1	38	119			2	0	4
137.00	7	1	8	58	1	194			1	58	8
138.00	6	1	12	92	1	416			1	92	12
139.00	71	0	7	46	1	248			2	46	204
140.00	3	0	2	1	64	170			2	0	14
141.00	5	1	5	1	38	57			4	0	10
142.00	6	1	6	49	1	286			2	49	8
143.00	6	0	7	32	1	72			13	32	13
144.00	2	1	1	1	1	1			1	1	3
145.00	2	1	1	1	1	1			1	1	3
146.00	1	1	1	1	1	42			2	1	1
147.00	2	0	2	1	1	1			1	1	7
148.00	2	1	1	1	1	1			1	1	2
148.50	2	10	1	1	1	1			1	1	0

Zorayda Consulting Ltd

DDH: GP-17-11

		Claims title:	2402118	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson Quebec
Contractor:	Forage G4	Lot:			
Author:	Dr. Michel Gauthier	Start date:	4/20/2017	Description date:	4/25/2017
		End date:	4/22/2017		

Collar

Azimuth:	320.0°
Dip:	-45.00°
Length:	69.00

UTM NAD83 z18

East	371664.0000
North	5060642.0000
Elevation	167.0000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	15.00	310.7°	-44.9°	No
EZ-trac	60.00	323.9°	-45.1°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples:	15
Number of QAQC samples:	1
Total sampled length:	7.35

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
0.00	3.80	CSG **Casing** Le mort terrain n'est pas mort au printemps car il bouge	0.00	10.00	G0667220 (Std)	10.00	0.26	0.56	0.08	
3.80	9.43	I3Al **Leucocratic Gabbro** Roche grise , homogène, équigranulaire, peu ou pas foliée. Granulométrie: 2mm. Composition: plagioclase: 65%; hornblende: 30%, magnétite: 5%.								
7.53	7.57	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.								
8.45	8.80	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.								
9.43	20.08	I3A **Gabbro** Métagabbro ouralitisé constitué de plagioclase (45%), hornblende (40%), grenat (10%) et magnétite (5%). Le gabbro est généralement homogène, équigranulaire, à grains moyens. La foliation se développe graduellement et devient forte en approchant de 20m.								
20.08	21.08	I3Al **Leucocratic Gabbro** Roche grise , homogène, équigranulaire, peu ou pas foliée. Granulométrie: 2mm. Composition: plagioclase: 65%; hornblende: 30%, magnétite: 5%.								
21.08	24.20	I3A **Gabbro** Métagabbro ouralitisé constitué de plagioclase (45%), hornblende								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		(40%), grenat (10%) et magnétite (5%). Le gabbro est généralement homogène, équigranulaire, à grains moyens.							
24.20	24.70	I3Al							
		Leucocratic Gabbro							
		Roche grise , homogène, équigranulaire, peu ou pas foliée. Granulométrie: 2mm. Composition: plagioclase: 65%; hornblende: 30%, magnétite: 5%.							
24.70	28.85	I3Azm2; I4B	24.70	25.00	G0667212	0.30	0.01	0.02	-0.001
		Melanogabbro-hornblendite (pyroxenite) mingling; Hornblendite (meta-pyroxenite)	25.00	25.70	G0667213	0.70	0.01	0.01	0.01
			25.70	26.20	G0667214	0.50	-0.005	-0.001	0.00
		La proportion de melanogabbro et d'orthoamphibolite (metapyroxenite) est de 3 pour 1. La proportion d.orthoamphibolite va en augmentant vers la base.	26.20	26.50	G0667215	0.30	-0.005	-0.001	-0.001
		A partir de 27.25m il y a apparition de chalcopyrite intersticiel par rapport aux amphiboles. La concentration de fine (1mm) chalcopyrite va de traces à 27.25m à 1% à 28m. De la pyrrhotite accompagne en traces la chalcopyrite. A titre indicatif, l'analyseur portatif XRF Niton a donné les résultats suivants: 27.9m_ Ni: 465 ppm, Cu: 2719 ppm; à 28.17m_ Ni 239 ppm, Cu: 3048 ppm; à 28.40m_ Ni: 340ppm, Cu:171ppm. C'est à 28.40m que se termine abruptement la zone à chalcopyrite disséminée. Celle-ci fait donc 1.30m de puissance.							
26.25	26.50	I2EM	26.50	27.00	G0667216	0.50	0.01	0.01	0.01
		Monzonite	27.00	27.50	G0667217	0.50	0.03	0.09	0.02
		Dyke de monzonite rose à grains moyens (⌖ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.							
27.25	28.40	CpTraces à 1% dissémin	27.50	27.70	G0667218	0.20	0.06	0.22	0.03
		Chalcopyrite Traces à 1% dissémin	27.70	28.00	G0667219	0.30	0.06	0.23	0.04
		A partir de 27.25m il y a apparition de chalcopyrite intersticiel par rapport aux amphiboles. La concentration de fine (1mm) chalcopyrite va de traces à 27.25m à 1% à 28m. De la pyrrhotite accompagne en traces la chalcopyrite. A titre indicatif, l'analyseur	28.00	28.40	G0667221	0.40	0.04	0.11	0.02
			28.40	29.00	G0667222	0.60	0.02	0.07	0.01

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		portatif XRF Niton a donné les résultats suivants: 27.9m_ Ni: 465 ppm, Cu: 2719 ppm; à 28.17m_ Ni 239 ppm, Cu: 3048 ppm; à 28.40m_ Ni: 340ppm, Cu:171ppm. C'est à 28.40m que se termine abruptement la zone à chalcopyrite disséminée. Celle-ci fait donc 1.30m de puissance.							
28.85	31.00	I3Al **Leucocratic Gabbro** Roche grise , homogène, équigranulaire, peu ou pas foliée. Granulométrie fine: 1mm. Composition: plagioclase: 65%; hornblende: 30%, magnétite: 5%. Passage graduel au gabbro sensu stricto	29.00	30.00	G0667223	1.00	-0.005	-0.001	-0.001
31.00	38.00	I3A **Gabbro** Métagabbro ouralitisé riche en grenat (jusqu'à 15%)							
32.20	32.30	I3Am **Melanocratic Gabbro** Faciès riche en hornblende							
37.45	37.60	I3A; PEG **Gabbro; Pegmatitic** Passée d'un faciès de gabbro pegmatitique (ϕ plus grand ou égal à 1cm) à grenat en contact franc avec le gabbro à grains moyens.							
37.80	37.85	I3A; PEG **Gabbro; Pegmatitic** Passée d'un faciès de gabbro pegmatitique (ϕ plus grand ou égal à 1cm) à grenat en contact franc avec le gabbro à grains moyens.							
38.00	39.55	I3Al **Leucocratic Gabbro** Roche grise , homogène, équigranulaire, peu ou pas foliée. Granulométrie fine: 1mm. Composition: plagioclase: 65%; hornblende: 30%, magnétite: 5%.							
38.35	38.40	I2EM **Monzonite**							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.							
39.55	61.70	I3A; FIN **Gabbro; Fine grains** Gabbro à grains fins (ϕ = 1mm) constitué de 55% de hornblende et de 45% de plagioclase.							
39.55	40.45	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.							
42.08	42.13	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.							
42.40	42.86	M16 **Amphibolite** Ortho-amphibolite (méta-pyroxénite) (ϕ=4mm) à grenat (20%)	42.50	42.85	G0667224	0.35	-0.005	-0.001	-0.001
44.60	44.62	PEG; I3Am **Pegmatitic; Melanocratic Gabbro** Injections centimétriques de mélanogabbro pegmatitique recoupant le gabbro. Présence de mouchetures de chalcopyrite et de pyrrhotite. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
46.00	46.70	M16 **Amphibolite** Ortho-amphibolite (méta-pyroxénite) (ϕ=4mm) à grenat (20%). Contact graduel, flou' avec le gabbro. Analyse au XRF Ni: 113 ppm; Cu: 1.	46.10	46.65	G0667225	0.55	-0.005	0.01	-0.001
46.90	47.30	I2EM							

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
		Monzonite Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.								
47.60	47.90	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.								
48.50	48.65	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.								
50.85	51.10	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.								
51.52	51.53	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.								
52.40	52.55	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.								
54.40	54.41	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro pegmatitique								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
57.95	58.00	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
60.20	60.35	I2EM **Monzonite** Dyke de monzonite rose à grains moyens (ϕ 8mm) recoupant la foliation frustre des métagabbros. La monzonite contient des grains épars de magnétite.							
60.45	60.46	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Mesure au XRF: Ni: 121 ppm; Cu: 253							
60.70	60.75	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.	60.97	61.50	G0667226	0.53	-0.005	-0.001	0.00
60.98	60.99	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
61.70	63.80	I3Al **Leucocratic Gabbro** A grains fins (1mm)							
63.80	68.80	I3A **Gabbro** Poivre et sel							
64.35	64.36	I3Am; PEG							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Melanocratic Gabbro; Pegmatitic Injections centimétriques de mélanogabbro à grains grossiers (i.e. plus grand que 5mm) sinon pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
64.46	64.48	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro à grains grossiers (i.e. plus grand que 5mm) sinon pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
67.04	67.20	I3Am; PEG **Melanocratic Gabbro; Pegmatitic** Injections centimétriques de mélanogabbro à grains grossiers (i.e. plus grand que 5mm) sinon pegmatitique recoupant le gabbro. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.							
68.18	68.80	I3Am **Melanocratic Gabbro** Passée de mélanogabbro à grains moyens à grossier dans le gabbro. Mesures au XRF: à 68,25m_Ni: 205 ppm, Cu: 42 ppm; à 68,60m_Ni: 256, Cu: 9. Nous envisageons que ceci représente un des filon-nourriciers du 'reef' platinifère.	68.18	68.80	G0667227	0.62	0.01	-0.001	-0.001
68.80	69.00	I3Al **Leucocratic Gabbro** Homogène							

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
4.00	5	2	8	1	105	152			13	0	3
5.00	5	2	8	1	48	175			14	0	3
6.00	5	1	4	1	1	72			73	1	7
7.00	5	1	7	29	14	101			64	2	5
8.00	5	1	6	1	46	91			39	0	7
9.00	6	1	6	1	140	103			44	0	8
10.00	6	2	10	60	163	200			23	0	2
11.00	6	1	10	32	745	150			44	0	8
12.00	7	1	10	1	376	192			54	0	7
13.00	7	1	10	1	73	237			43	0	11
14.00	7	1	10	29	72	206			36	0	7
15.00	7	1	11	1	75	189			71	0	8
16.00	6	12	11	38	185	113			78	0	1
17.00	5	1	10	1	185	92			23	0	8
18.00	7	1	9	28	70	172			39	0	9
19.00	7	1	8	1	50	86			34	0	9
20.00	4	2	8	1	74	195			68	0	2
21.00	6	1	7	1	356	113			17	0	9
22.00	7	0	9	1	257	118			74	0	15
23.00	6	1	9	1	31	60			17	0	10
24.00	7	1	10	1	1	174			35	1	8
25.00	9	1	11	120	1	218			8	120	11
26.00	12	0	8	103	1	510			0	103	28
27.00	10	2	5	43	1	349			3	43	5
28.00	8	0	9	197	28	367			3	7	23
29.00	8	0	9	28	19	183			23	2	40
30.00	8	0	9	31	24	186			19	1	49
31.00	8	1	8	50	19	230			4	3	8
32.00	7	0	10	1	157	171			9	0	31
33.00	8	0	7	58	41	238			1	1	28
34.00	8	0	10	59	24	194			8	3	22

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
35.00	6	0	8	29	16	222			2	2	38
36.00	5	0	8	1	21	93			14	0	56
37.00	5	0	7	1	1	163			18	1	30
38.00	7	0	5	1	1	93			2	1	34
39.00	3	1	3	1	1	68			1	1	6
40.00	1	4	1	1	1	1			10	1	0
41.00	9	0	4	40	1	188			0	40	109
42.00	5	1	6	41	1	250			0	41	3
43.00	4	0	0	1	1	61			8	1	27
44.00	7	0	3	1	1	198			0	1	47
45.00	9	0	5	1	1	1			9	1	47
46.00	7	0	9	114	21	729			1	5	39
47.00	2	1	6	1	1	58			8	1	2
48.00	7	0	9	1	1	203			2	1	20
49.00	9	0	5	46	1	152			0	46	30
50.00	5	0	8	1	1	72			21	1	32
51.00	1	2	2	1	1	1			18	1	0
52.00	7	1	6	59	34	216			0	2	10
53.00	5	1	6	1	1	202			1	1	6
54.00	5	0	4	1	1	173			1	1	13
55.00	7	0	5	32	1	115			27	32	88
56.00	7	0	8	39	88	113			3	0	43
57.00	7	0	7	1	33	140			2	0	26
58.00	4	0	3	1	1	1			1	1	10
59.00	5	1	3	1	1	108			1	1	4
60.00	10	2	5	38	1	220			3	38	5
61.00	7	0	2	1	1	130			1	1	34
62.00	6	0	9	1	31	261			9	0	55
63.00	5	0	8	25	123	174			18	0	35
64.00	2	0	11	40	161	166			18	0	13
65.00	7	0	8	1	1	132			11	1	80

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
66.00	7	0	9	30	36	136			1	1	50
67.00	8	0	9	27	295	216			9	0	47
68.00	6	0	9	1	1	96			0	1	39
69.00	8	2	5	1	1	257			0	1	4

Zorayda Consulting Ltd

DDH: GP-17-12

Contractor: G-4 Drilling
Author: Robin Adair

Claims title: 2402118
Township: Grand Calumet
Range:
Lot:
Start date: 4/21/2017
End date: 4/22/2017

Section:
Level:
Work place: Bryson,
Description date: 4/22/2017

Collar

Azimuth: 258.0°
Dip: -45.00°
Length: 123.60

UTM NAD83 z18

East	371664.0000
North	5060642.0000
Elevation	167.0000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	15.00	352.6°	-44.8°	No
EZ-trac	60.00	260.6°	-44.6°	No
EZ-trac	123.00	252.3°	-44.6°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples: 40
Number of QAQC samples: 2
Total sampled length: 18.99

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
0.00	2.00	CSG **Casing** Casing								
2.00	12.93	I3Al **Leucocratic Gabbro** Alternating cycles of leucocratic to melanocratic gabbro, garnetiferous throughout with much higher garnet concentrations in the melanocratic portions. Overall garnet concentrations decrease down hole but remain present. Both rock types are magnetic. Gneissic banding is poorly to moderately developed although compositions are relatively straight forward despite gneissosity. Very sparse sulphides developed and magnetic character results from magnetite which is relatively evenly dispersed as micro-finely disseminations in and around the amphibole (hornblende after pyroxene) through both rock types. The cycles below are described as leucocratic to melanocratic and repeat. Colours and distinguishing features between the two rock types are subtle and need to be observed on both wet and dry surfaces for the best distinction. Diagnostic features are: 1) both rock types are magnetic, 2) there does not appear to be any intermediate phases between the two classifications, and 3) the change in compositions is visually distinguishable between more feldspar (leucocratic) and lesser feldspar (melanocratic). Pegmatites noted in the descriptions are Quartzofeldspathic and unaffected by gneissosity unless otherwise noted. Crystal size id relatively uniform with local slight fining and coarsening, 0.25 to 2 mm, generally ~ 1.0 mm.								
2.00	5.90	I3Al **Leucocratic Gabbro** Leucocratic gabbro, medium-grained and garnetiferous, gradational down-hole contact with melanocratic gabbro (top first cycle). Unit is medium green-grey on dry surface, medium to dark green on wet surface. Garnet concentrations add a reddish tint to dry surfaces and a wine tint to wet surfaces. Relatively sharp								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		downhole contact.							
2.00	44.34	Grt-s **Garnet, strong** Strong garnet development, size variation and intensity reflect compositional changes in parent							
5.90	7.80	I3Am **Melanocratic Gabbro** Melanocratic gabbro, dark green to black on dry surface, very dark grey to black with a slight wine hue due to garnet. Garnets are better developed in this unit and magnetism is stronger that the above leucocratic gabbro. Base of first cycle							
7.80	11.80	I3Al **Leucocratic Gabbro** Leucocratic gabbro, as above.							
11.80	12.00	I1G **Pegmatite** Quartzofeldspathic pegmatite, unaffected by gneissosity.							
12.00	12.93	I3Al **Leucocratic Gabbro** Continued. Contact with melanocratic gabbro is parallel to gneissosity (70 CA).							
12.93	28.00	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic.							
12.93	14.60	I3Am **Melanocratic Gabbro** downhole contact at low angle to CA 20 and is cut by gneissosity at 75 CA.							
14.60	15.40	I3Al **Leucocratic Gabbro** Leucocratic gabbro, Fold nose of melanocratic gabbro into core noted							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
15.40	15.77	I3Am **Melanocratic Gabbro** Melanocratic gabbro, abrupt change from leucogabbro above.							
15.77	15.97	I3Al **Leucocratic Gabbro** Leucocratic gabbro, less garnetiferous than above.							
15.97	16.20	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous.							
16.20	16.60	I1G **Pegmatite** Quartzofeldspathic pegmatite, unaffected by gneissosity.							
16.60	17.80	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous, less so than I3Am.							
17.80	18.10	I3Am **Melanocratic Gabbro** Melanocratic gabbro							
18.10	18.75	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic	18.10	18.75	G0667228	0.65	-0.005	-0.001	-0.001
18.75	19.78	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic.	18.75	19.78	G0667229	1.03	-0.005	-0.001	-0.001
19.78	20.40	I3Al	19.78	20.40	G0667231	0.62	-0.005	-0.001	0.00
		Leucocratic Gabbro Leucocratic gabbro, garnetiferous but decreasing garnet content, gradational downhole conctact.	19.78	19.79	G0667230 (Bln)	0.01	-0.005	-0.001	-0.001
20.40	21.00	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic. Garnet content decreasing and unit has a mottled texture with very dark areas							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		versus lighter, dark-green areas. Texture seem related to a compositional variation and is amplified somewhat by gneissic banding. This textural style is similar in part to mingling textures. Described in the surface mapping of the trench above this drill hole and elsewhere on the project.							
21.00	21.77	I3Al **Leucocratic Gabbro** Leucocratic gabbro, finely crystralline and massive. Felspar dominates mineralogy. Strongly Garnetiferous gibing a wine coloured hue and magnetic.							
21.77	22.30	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic. Above leucocratic gabbro folded into the core on a small scale (crenulation)							
22.30	23.45	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic.							
23.45	25.40	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic. First appearance of biotite.							
25.40	26.38	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic.							
26.38	27.05	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic. Sharp lower contact.							
27.05	27.38	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic. Lower garnet							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		content.							
27.38	28.00	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic. I3Bl folding into the core at 27.56. Unit grades into leucocratic gabbro at 27.75 and then back to melanocratic gabbro by 27.88. Magnetic and garnetiferous.							
28.00	44.34	I3Al **Leucocratic Gabbro** Begin sequence typified by leucocratic gabbro - melanocratic gabbro and hornblende gneiss (orthopyroxenite) cycles. The rocks are similar to the above unit with the addition of the orthopyroxenite layer into the cycle. This later unit is very distinguishable on the basis of coarser crystal size and dominance of hornblende. They exhibit some banding white feldspathic component, but generally composed of amphibole. Crystal size of the first two units is similar to above, however the hornblende gneiss displays a uniform, coarser crystal size in the order of 3mm. There is a marked change in magnetic character with only the more felsic (leucocratic gabbro) being magnetic. Garnet component is present, but less developed that the above unit.	28.20	28.63	G0667232	0.43	0.02	0.03	0.01
28.00	28.40	I3Al **Leucocratic Gabbro** Leucocratic gabbro, weakly garnetiferous and magnetic. Locally mineralized with 2-3% Cpy and 1-2% Po (3:1 ratio). Sharp contact with unit down hole.							
28.40	28.63	I3Am **Melanocratic Gabbro** Melanocratic gabbro, with coarser-crystalline dark green amphibolite clots (xenoliths/frags?) of likely mingling origin. Some lighter leucocratic gabbro bands. Unit is magnetic, particularly the lighter component. Darker components (amphibolite, hornblende							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		after pyroxene), are coarser-crystalline, 2 mm.							
28.63	28.80	M1h	28.63	28.80	G0667233	0.17	0.01	0.05	0.02
		Hornblende Gneiss							
		Orthopyroxenite (hornblende after pyroxene). Coase-crystalline 2-3mm and weekly to non-magnetic. Low-angle lower contact. 5% disseminated Cpy throughout.							
28.80	30.34	I3Al	28.80	29.17	G0667234	0.37	0.01	0.01	0.00
		Leucocratic Gabbro	29.17	29.94	G0667235	0.77	0.02	0.02	0.01
		Coarsely-crystalline hybrid leucocratic gabbro, 3mm-4mm.	29.94	30.00	G0667236	0.06	0.01	0.02	0.01
		Texture is unique and equicrystalline with light colour green	30.00	30.75	G0667237	0.75	0.01	0.02	0.01
		amphibole and lighter feldspar (?). Light grey-green colour with patches of the dark hornblendite described above throughout this interval - mingling textures pronounced 29.17 and 30.00. Non-magnetic and trace disseminated sulphides. This is a hybrid leucocratic gabbro and it is distinct from the afore-described leucocratic gabbro on the basis of colour, crystal size and lack of a dark amphibole.							
30.34	31.66	I3Al	30.75	31.33	G0667238	0.58	0.01	0.01	0.01
		Leucocratic Gabbro							
		Leucocratic gabbro, non-hybrid and finely crystalline, 0.5mm. Unit becomes strongly magnetic from 31.23-31.53. Non-magnetic otherwise.							
31.66	33.92	I3Al	32.62	32.92	G0667239	0.30	-0.005	0.00	0.00
		Leucocratic Gabbro	32.92	33.27	G0667241	0.35	-0.005	0.00	0.00
		Leucocratic gabbro, and melanocratic gabbro-hornblendite (meta-pyroxenite). Mingling texture well-developed with melanocratic gabbro-hornblendite mixed (2 - 6 cm blobs) within leucocratic gabbro matrix between 31.66 - 32.5m. Only leucocratic portions are magnetic.	32.92	33.27	G0667240 (Std)	0.35	0.29	0.60	0.06
33.92	36.01	I3Al	35.67	36.00	G0667242	0.33	-0.005	0.00	0.00
		Leucocratic Gabbro	36.00	36.30	G0667243	0.30	-0.005	-0.001	0.00
		Leucocratic gabbro, Ghosted mingling textures. Only leucocratic							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		portions are magnetic.							
36.01	38.27	I3Am							
		Melanocratic Gabbro							
		Melanocratic gabbro (non-magnetic), fairly uniform with some leucocratic bands (magnetic). From 36.00 - 36.30, mingling texture.							
38.27	40.47	I3Al	39.00	39.38	G0667244	0.38	-0.005	-0.001	-0.001
		Leucocratic Gabbro	39.38	40.06	G0667245	0.68	-0.005	-0.001	-0.001
		Leucocratic gabbro, magnetic and strongly magnetic in lighter bands. Unit becomes progressively darker downhole with melanocratic bands beginning after 40m. Weakly garnetiferous.	40.06	40.44	G0667246	0.38	-0.005	-0.001	-0.001
			40.44	40.74	G0667247	0.30	-0.005	-0.001	-0.001
40.47	41.70	I3Am	40.74	41.04	G0667248	0.30	-0.005	-0.001	-0.001
		Melanocratic Gabbro	41.04	41.30	G0667249	0.26	-0.005	-0.001	-0.001
		Melanocratic gabbro, non-magnetic with local pegmatite veins.	41.30	41.70	G0667250	0.40	-0.005	0.00	-0.001
41.70	43.30	I3Am	41.70	42.20	G0667251	0.50	-0.005	0.00	-0.001
		Melanocratic Gabbro	42.20	43.30	G0667252	1.10	-0.005	0.00	-0.001
		Melanocratic gabbro, non-magnetic and coarsening noticeably, very dark green-black. 3cm clast of hybrid hornblendite, light-coloured as described above 28.8-30.34m.							
43.30	44.04	I3Al; I3Am	43.30	43.75	G0667253	0.45	-0.005	-0.001	-0.001
		Leucocratic Gabbro; Melanocratic Gabbro	43.75	44.04	G0667254	0.29	-0.005	-0.001	-0.001
		Cycles of leucocratic gabbro and melanocratic gabbro. Melanogabbro sections are coarser and the unit becomes darker (more melanocratic component) downhole after 43.75m. Some very course (3mm) dark hornblendite clasts up to 3 cm.							
44.04	44.34	I3Al	44.04	44.34	G0667255	0.30	-0.005	-0.001	-0.001
		Leucocratic Gabbro							
		Leucocratic gabbro, weakly garnetiferous and magnetic. Sharp lower contact with mingling textures with orthopyroxenite below.							
44.34	44.90	I4B	44.34	44.90	G0667256	0.56	-0.005	-0.001	-0.001
		Hornblendite (meta-pyroxenite)							
		Orthopyroxenite. Dominantly hornblende with thin white feldspar							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		laminations to thin gneissic bands. Amphiboles are coarsely equicrystalline (3mm), Unit is magnetic. Garnetiferous with garnet also replacing the feldspar.							
44.90	59.01	I3Al	44.90	45.44	G0667257	0.54	-0.005	-0.001	-0.001
		Leucocratic Gabbro							
		Cyclic leucocratic gabbro sequence with subordinate Melanogabbro. Similar to 2.00-28.00m, but higher proportion of leucocratic gabbro. Some weak mingling textures noted. Leucogabbros are magnetic, melanogabbros are not. Weakly garnetiferous throughout.							
44.90	52.69	I3Al							
		Leucocratic Gabbro							
		Leucocratic gabbro, garnetiferous and magnetic. From 48-48.7, very low angle lower fold contact (5 degrees) cut by foliation. Melanocratic gabbro folds into leucocratic interval, entering and exiting the core on the same side – e.g. low angle contact.							
52.69	53.56	I3Am							
		Melanocratic Gabbro							
		Melanocratic gabbro, garnetiferous.							
53.56	57.89	I3Al	57.66	57.93	G0667258	0.27	-0.005	-0.001	0.02
		Leucocratic Gabbro							
		Leucocratic gabbro, garnetiferous and magnetic.							
57.89	59.01	I3Am							
		Melanocratic Gabbro							
		Melanocratic gabbro, garnetiferous and magnetic.							
59.01	61.10	I1G							
		Pegmatite							
		Quartzofeldspathic pegmatite, unaffected by gneissosity. More magnetic at contacts, some coarse magnetite.							
59.01	61.10	I1G							
		Pegmatite							
		Quartzofeldspathic pegmatite, unaffected by gneissosity.							
61.10	85.96	I3Al	63.44	63.76	G0667259	0.32	-0.005	-0.001	0.00

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Leucocratic Gabbro	63.76	64.08	G0667260	0.32	-0.005	-0.001	-0.001
		Leucocratic gabbro, garnetiferous and magnetic.Gabbro, variable unit, but generally gabbro with very few true melanocratic sections. strong	64.08	64.32	G0667261	0.24	-0.005	-0.001	0.00
61.10	65.56	I3Am							
		Melanocratic Gabbro							
		Melanocratic gabbro, garnetiferous with white-grey feldspar-rich sections. Disseminated sulphides develop after 64.08m.							
65.56	85.96	I3Al	79.65	80.02	G0667262	0.37	-0.005	-0.001	0.00
		Leucocratic Gabbro	80.02	80.45	G0667263	0.43	-0.005	0.00	-0.001
		Sequence of gabbro and leucocratic gabbro. Unit changed in character from above with more defined gneissosity and lighter (dry surface) leucocratic intervals. These remain magnetic to strongly magnetic. Gabbro intervals remain magnetic, but some approach melanogabbroic compositions. Where this occurs, the melanocratic portions are weakly to non-magnetic. Garnets only developed in darker intervals (melanocratic).	81.84	82.11	G0667264	0.27	-0.005	0.00	0.00
85.96	86.24	M25							
		Mylonite							
		Healed mylonite							
85.96	86.24	M25							
		Mylonite							
		Mylonite							
86.24	97.40	I3Al	88.86	89.37	G0667265	0.51	-0.005	-0.001	-0.001
		Leucocratic Gabbro							
		Continue sequence of leucogabbro and gabbro. Rare development of melanocratic gabbro with cycles of thickly bedded leucocratic gabbro and gabbro.							
86.24	97.41	I3Al							
		Leucocratic Gabbro							
		Leucocratic gabbro, magnetic. Light green-grey (wet), white-grey (dry) leucocratic gabbro, massive unit with weak gneissosity. Fold							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		noses present in the core with FAs at 80CA. Unit becomes slightly banded and slightly darker by 97.41.							
97.40	123.00	I3A							
		Gabbro							
		Gabbro, interlayered melanogabbro layera (cycles)							
97.41	99.81	I3Am							
		Melanocratic Gabbro							
		Melanocratic gabbro, weakly magnetic. Darker melanocratic gabbro interval, medium dark grey (dry), dark olive green (wet). 65% hornblende, 35% plagioclase with fine garnets. Demonstrates dark – light banding (gneissosity) with folding into core. FAs at 82CA with axial planar cleavage 80-85CA. Bands are crenulated. The downhole contact is low angle – 25CA with crenulation at 75CA.							
97.41	103.62	Grt-w							
		Garnet, week							
		Weakly- developed or sporadic garnet porphyroblasts.							
99.81	103.62	I3A							
		Gabbro							
		Mottled garnetiferous gabbro, light green grey (dry) med-dark green wet, mottled texture comes from contrast of lighter (Fsp) and dark (amphiboles). Faint ghosted xenolithic (darker gabbro) develops 102-103. Fine garnet development ads a pinkish hue to the rock. Magnetic.							
103.62	105.90	I3A	103.62	103.87	G0667266	0.25	-0.005	-0.001	0.00
		Gabbro	103.87	106.00	G0667267	2.13	-0.005	-0.001	-0.001
		Very fine garnetiffereous gabbro, coarsening downhole and developing gneissic banding (dark, light).							
105.90	108.00	I3A							
		Gabbro							
		Separate unit, but similar to above, devlops xenolithic texture (darker gabbro) after 106.5-107m.							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
108.00	112.20	I3A **Gabbro** Similar again as separate unit.							
112.20	113.30	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and very weakly magnetic.	112.48 112.79	112.79 113.21	G0667268 G0667269	0.31 0.42	-0.005 -0.005	0.00 0.00	0.00 0.00
113.30	121.40	I3A **Gabbro** Gabbro (boring). Mottled texture similar to 99.81-103.62, weak development of xenolithic (darker material) texture from 117-117.5m.							
113.30	121.40	Grt-m **Garnet, moderate** moderate garnet							
121.40	123.60	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic. Small patches of amphibole, possible xenolithic texture. EOH @ 123.6.							

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	
28.20	28.63	0.43	DS	Cpy+Py	3	1			2	
28.63	28.80	0.17	DS	Cpy	2				2	
28.80	29.17	0.37	DS	Cpy	1				1	
57.66	57.93	0.27	DS	Cpy	2				2	
79.00	80.45	1.45	DS	Po+Cpy	1		0		0	
102.90	103.87	0.97	DS	Po	2		2			

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
33.00	10	0	5	75	1	509			1	75	57
34.00	7	0	10	54	46	167			8	1	38
35.00	7	0	9	50	59	175			6	1	48
36.00	6	0	8	30	124	158			15	0	38
37.00	10	0	4	1	29	179			3	0	46
38.00	16	0	5	81	199	200			1	0	281
39.00	7	0	7	62	1	254			1	62	34
40.00	5	0	7	85	1	255			1	85	38
41.00	6	0	7	82	1	270			0	82	13
42.00	8	1	9	122	1	503			1	122	14
43.00	9	0	5	52	1	237			1	52	63
44.00	9	0	10	101	1	649			2	101	38
45.00	6	0	7	1	1	164			15	1	13
46.00	6	0	8	1	1	149			28	1	67
47.00	5	0	7	29	1	192			22	29	31
48.00	6	0	7	37	1	191			12	37	12
49.00	8	0	6	1	1	122			29	1	40
50.00	7	0	7	51	1	260			2	51	17
51.00	7	2	8	1	1	256		538	1	1	5
52.00	5	3	10	113	1	377		432	3	113	2
53.00	11	0	5	55	1	152		213	14	55	55
54.00	5	0	9	40	37	149		460	4	1	14
55.00	3	0	3	1	1	1	1871	102	58	1	13
56.00	10	0	5	1	1	65	737	187	61	1	228
57.00	6	0	7	1	64	102	2719	240	67	0	86
58.00	17	0	7	71	39	289	1464	263	10	2	77
59.00	9	0	11	1	635	235	7586	453	63	0	23
60.00	1	4	0	1	1	1	98	1	77	1	0
61.00	1	3	2	1	1	1	1162	41	30	1	0
62.00	14	0	5	113	152	242	1173	212	1	1	130
63.00	13	0	3	55	225	103	270	123	3	0	106

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
64.00	8	1	5	1	1	248	1473	214	0	1	15
65.00	7	1	5	1	1	144	1918	257	1	1	8
66.00	7	0	6	1	1	198	1773	254	5	1	29
67.00	6	0	8	31	145	131	4676	337	114	0	23
68.00	6	0	7	1	116	126	3837	366	24	0	28
69.00	6	0	7	1	1	125	3650	310	4	1	24
70.00	8	0	4	1	1	77	560	168	16	1	137
71.00	13	0	6	1	33	175	1289	226	8	0	62
72.00	5	0	8	35	120	113	1260	190	10	0	21
73.00	6	0	7	1	43	158	2453	193	38	0	31
74.00	6	0	9	84	39	96	2710	336	49	2	18
75.00	5	0	4	1	230	56	1846	179	22	0	25
76.00	7	0	8	47	34	164	4095	359	12	1	19
77.00	6	0	8	1	1	133	4554	404	25	1	19
78.00	3	0	5	1	70	39	826	57	14	0	35
79.00	8	0	8	1	49	181	3398	429	57	0	29
80.00	7	0	8	35	1	208	5716	405	36	35	17
81.00	6	0	7	1	54	177	1691	154	7	0	20
82.00	7	0	8	55	14	227	1832	262	1	4	31
83.00	5	0	7	1	1	130	4504	266	107	1	27
84.00	11	0	5	1	1	161	3243	332	33	1	127
85.00	9	0	6	1	1	192	2299	272	1	1	22
86.00	16	0	5	63	43	400	3587	245	2	1	49
87.00	6	0	10	1	169	163	3036	334	1	0	19
88.00	7	0	10	55	41	175	3831	395	38	1	40
89.00	5	0	9	32	1	166	4499	335	2	32	25
90.00	7	0	10	68	113	208	4834	491	41	1	25
91.00	8	0	8	32	16	153	3525	273	17	2	49
92.00	8	0	8	38	1	182	1941	506	13	38	47
93.00	6	0	7	36	1	234	1160	250	18	36	40
94.00	8	0	7	1	53	126	3385	310	36	0	51

Zorayda Consulting Ltd

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
95.00	6	0	10	56	1	189	4205	414	1	56	17
96.00	7	0	9	73	390	191	3445	415	22	0	43
97.00	8	0	6	90	20	613	2880	279	1	5	27
98.00	8	0	8	217	21	1027	4004	846	5	10	24
99.00	7	0	6	1	42	91	3236	315	31	0	72
100.00	7	0	9	75	19	193	3858	404	1	4	26
101.00	7	0	6	1	14	141	4892	279	10	0	48
102.00	6	0	9	1	1	204	7703	499	23	1	39
103.00	5	0	3	1	79	256	1377	123	5	0	52
104.00	7	0	7	46	1	232	2676	330	35	46	42
105.00	11	0	6	165	1	713	1630	261	4	165	150
106.00	8	0	7	220	1	1043	3501	372	1	220	34
107.00	6	0	8	73	21	143	5295	366	20	3	62
108.00	7	0	44	1	77	141	1748	242	23	0	93
109.00	7	0	8	32	73	146	2679	367	21	0	37
110.00	6	0	10	1	41	209	3015	396	4	0	34
111.00	4	0	1	1	59	1	235	1	3	0	34
112.00	8	0	9	42	51	198	3998	499	45	1	42
113.00	8	0	8	224	38	918	3210	329	5	6	28
114.00	6	0	4	1	104	1	1916	124	21	0	90
115.00	6	0	8	1	1	123	5255	314	2	1	25
116.00	7	0	9	52	64	144	4426	312	43	1	40
117.00	6	0	8	1	40	159	4965	370	12	0	43
118.00	5	0	10	51	178	230	6532	510	24	0	35
119.00	5	0	7	1	1	85	3035	290	10	1	27
120.00	8	0	9	36	46	202	4422	466	61	1	45
121.00	7	0	10	59	1	137	5643	581	61	59	23
122.00	6	0	10	54	1	187	4357	382	24	54	19
123.00	7	1	9	56	64	251	4739	432	1	1	14
123.50	6	0	10	64	68	199	4420	297	9	1	34

Zorayda Consulting Ltd

DDH: **GP-17-13**

		Claims title:	2402118	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson Quebec
Contractor:	Forage G4	Lot:			
Author:	Dr. Michel Gauthier	Start date:	4/22/2017	Description date:	4/25/2017
		End date:	4/23/2017		

Collar

Azimuth:	320.0°
Dip:	-45.00°
Length:	114.00

UTM NAD83 z18

East	371747.0000
North	5060741.0000
Elevation	167.0000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	18.00	324.9°	-44.5°	No
EZ-trac	60.00	329.3°	-44.4°	No
EZ-trac	114.00	329.8°	-44.1°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples:	4
Number of QAQC samples:	1
Total sampled length:	2.77

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
0.00	3.00	OB **Over Burden** Le terrain est mort	0.00	10.00	G0667270 (Bln)	10.00	-0.005	-0.001	0.00	
3.00	9.10	I2H; FIN **Monzodiroite; Fine grains** Roche grise, mélanocrate, à grains fins (ϕ =1mm) composée de feldspath (potassique et plagioclase) (65 %), amphibole chloritisé (25%), grenat (≤ 5%) et magnétite (5%). Cette roche est recoupée par un réseau de fractures au décim`tre. Ces fractures sont comblées par de la chlorite noire. De 6,28 à 6,30m, cette roche contient un xénolithe anguleux de monzonite à grains fins. Sur 4mm au pourtour, dans la monzodiorite, on observe une zone tampon riche en grenat (20%) et également riche en chalcopyrite (2%). En dehors de cette zone tampon il n'y a pas de chalcopyrite dans la monzodiorite								
6.28	6.30	Cp2 dissemine **Chalcopyrite 2 dissemine** De 6,28 à 6,30m, cette roche contient un xénolithe anguleux de monzonite à grains fins. Sur 4mm au pourtour, dans la monzodiorite, on observe une zone tampon riche en grenat (20%) et également riche en chalcopyrite (2%). En dehors de cette zone tampon il n'y a pas de chalcopyrite dans la monzodiorite								
9.10	19.70	I2H **Monzodiroite** Roche équigranulaire (ϕ= 4mm),localement modérément foliée. Celle-ci est composée de feldspath rose (%), d'amphibole quasi-complètement chloritisée (28%) et de magnétite (5%) disséminée. Le rapport Ca/K est 1,16 à 12m avec 3,15% de potassium selon le XRF.. A partir de 15m, cette roche réagit au HCl. La calcite se présente à la fois disséminée entre les feldspaths roses et dans un réseau de fillonnets millimétriques espacés au décimètre. Ces filonnets de	19.50	20.15	G0667271	0.65	-0.005	-0.001	0.00	

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
		calcite sont liés à la fracturation de cetet roche qui deveint de plus en plus intense en approchant de 19,70m.								
19.70	20.15	I1Ba **Aplite** Roche aphanitique rose compétente (casssante). Celle-ci recoupe la monzodiorite (cf. photo prise à 20.0m). L'aplite est remarquable par sa teneur anomale en bismuth qui peut aller jusqu'à 80 ppm. Comme cette 'aplite' peut être, en fait, une monzodiorite mylonitisée, nous allons la faire analyser pour l'or car le bismuth est parfois un accompagnateur de l'or comme c'est le cas dans la minéralisation cupro-aurifère de la ferme de Mme Stanton.								
19.70	20.15	Bi80 ppm **Bismuth 80 ppm** L'aplite est remarquable par sa teneur anormale en bismuth qui peut aller jusqu'à 80 ppm. Comme cette 'aplite' peut être, en fait, une monzodiorite mylonitisée, nous allons la faire analyser pour l'or car le bismuth est parfois un accompagnateur de l'or comme c'est le cas dans la minéralisation cupro-aurifère de la ferme de Mme Stanton. De 19,95 à 20,15m, 'L'aplite' présente 1% de fine pyrite disséminée. Cette zone correspond à la bordure de la zone de 'mylonite' - 'cataclasite' que nous appelons 'aplite' pour des fins descriptives.								
20.15	27.92	I2H **Monzodiroite** Roche équigranulaire (ϕ= 4mm),localement modérément foliée. Celle-ci est composée de feldspath rose (%), d'amphibole quasi-complètement chloritisée (28%) et de magnétite (5%) disséminée. A 24,7m cetet roche est recoupée par de l'épidote en filonnets millimétriques. En descendant vers 27,92m, cetet roche s'assombrie et le grenat devient de plus en plus abondant (5% à 26.4m puis 20% à 27.5m par exemple).								
27.92	30.20	I2H								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Monzodiroite Faciès de transition avec le gabbro sousjacent. Roche gris moyen, grenue (0,4mm). On observe des passées décimétriques de monzodiorite à feldspath rose, passant graduellement à une roche dépourvue de feldspath rose mais riche (≥20%) en grenat. Ce dernier faciès est voisin du gabbro sous-jacent. La monzodiorite est magnétique. Un grain isolé, de 2mm, de chalcopyrite a été observé dans la monzodiorite.							
28.94	28.95	VEI;0.05;Cc;;70°;; **Vein 0.05 Calcite 70°** Veinule de 5mm de largeur à calcite blanche grossière et amphibole (10%)							
29.56	29.57	VEI;0.05;Cc;;70°;; **Vein 0.05 Calcite 70°** Veinule de 2mm de largeur à calcite blanche grossière et amphibole (10%)							
30.20	42.36	I3A **Gabbro** Roche mésocrate grise, équigranulaire, non foliée, de granulométrie moyenne (2 à 3mm) constituée de plagioclase (50%), de hornblende (20-35), de grenat (10-20%), en concentration atteignant localement 30%) et de magnétite (4%). Localement, traces de chalcopyrite en grains isolés de 1mm. Au contact inférieur, de 42,27m à 42,36m, on observebeaucoup (30%) de grenat et une foliation parall`le au contact.							
32.46	32.67	I2EM; Dyk **Monzonite; Dyke** Dyke de monzonite rose, à grains moyens, montrant une bordure de refroidissement exprimée par un passage à une granulométrie fine vers les épontes de gabbro.							
32.82	33.08	I2EM; Dyk; PEG **Monzonite; Dyke; Pegmatitic**							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Dyke de monzonite pegmatitique contenant 3% de magnétite disséminée en grains de 3mm.							
35.45	35.65	I3A; Coarse							
		Gabbro; Coarse grained							
		Faciès à grains grossiers (7mm) du gabbro encaissé dans le faciès de granulométrie moyenne. Le contact entre ces deux faciès est diffus. Ce faciès grossier contient 5% de grenat, 20% d'amphibole, le restant étant du plagioclase.							
40.03	40.30	I2EM; Coarse							
		Monzonite; Coarse grained							
		Dyke de monzonite pegmatitique contenant 3% de magnétite disséminée en grains de 3mm.							
41.20	41.38	I2EM; Coarse							
		Monzonite; Coarse grained							
		Dyke de monzonite pegmatitique contenant 3% de magnétite disséminée en grains de 3mm.							
42.36	43.25	I2EM; Coarse							
		Monzonite; Coarse grained							
		Monzonite pegmatitique contenant 3% de magnétite disséminée en grains de 3mm.							
43.25	44.18	I3Am	43.25	44.18	G0667272	0.93	0.01	0.01	0.01
		Melanocratic Gabbro							
		Melanogabbro peu magnétique, dépouvu de sulfures.							
44.18	44.70	Hbldite_melaGabb	44.18	44.77	G0667273	0.59	-0.005	0.01	0.00
		Hornblendite (+|- melanogabbro)							
		Meta-pyroxénite (hornblendite) avec passées de mélanogabbro). Cette roche est dépourvue de sulfures et peu ou pas magnétique ce qui contratse avec le gabbro susjacent.							
44.70	45.60	I2EM; Coarse							
		Monzonite; Coarse grained							
		Monzonite à grains grossiers							
45.60	47.00	I3Am; Folia							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Melanocratic Gabbro; Foliated Melanogabbro à agrégats porphyroblastiques foliés d'amphibole. Non magnétique. Dépourvu de sulfures. Passage à 30cm de hornblendite entre 46,6 et 46,92m.							
46.60	46.92	I4B; MedGrain **Hornblendite (meta-pyroxenite); Medium grained** 30cm de hornblendite entre 46,6 et 46,92m. Celle-ci est dépourvue de sulfures disséminés.							
46.80	47.40	Cp0,5% diss **Chalcopyrite 0,5% diss** De 46,80 à 47,40 zone où la chalcopyrite est disséminée de manière xénomorphe par rapport aux silicates. Son abondance est de l'ordre de 0,5%. Cette zone cuprifère se situe donc à la transition entre le gabbro et la métapyroxénite susjacente. XRF à 47,32m: Ni: 1628 ppm, Cu: 1,09% Cu sur chalcopyrite disséminée.	46.80	47.40	G0667274	0.60	0.02	0.07	0.02
47.00	75.15	I3A; MedGrain **Gabbro; Medium grained** Gabbro homogène, équigranulaire, peu ou pas folié. De 46,80 à 47,40 zone où la chalcopyrite est disséminée de manière xénomorphe par rapport aux silicates. Son abondance est de l'ordre de 0,5%. Cette zone cuprifère se situe donc à la transition entre le gabbro et la métapyroxénite susjacente. Le magnétisme réapparaît dans le gabbro à 48,2m							
47.54	47.70	Coarse; I2EM; Dyk **Coarse grained; Monzonite; Dyke** Dyke de monzonite							
51.00	51.08	I2EM; Dyk; PEG **Monzonite; Dyke; Pegmatitic** Dyke de pegmatite monzonitique							
57.30	58.17	I2EM; PEG **Monzonite; Pegmatitic**							

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
		Monzonite rose à granulométrie centimétrique.								
62.66	62.90	I2EM; PEG								
		Monzonite; Pegmatitic								
		Monzonite rose à granulométrie centimétrique.								
63.00	63.45	I2EM; PEG								
		Monzonite; Pegmatitic								
		Monzonite rose à granulométrie centimétrique.								
63.45	67.56	Grenat ++								
		Faciès riche (≥ 20%) en grenat								
		La proportion de grenat dans le métagabbro peut atteindre localement 30%)								
68.70	68.85	I2EM; PEG								
		Monzonite; Pegmatitic								
		Monzonite rose à granulométrie centimétrique.								
70.90	71.16	I2EM; PEG								
		Monzonite; Pegmatitic								
		Monzonite rose à granulométrie centimétrique.								
75.15	106.13	I3A; MedGrain; Folia								
		Gabbro; Medium grained; Foliated								
		Gabbro présentant une foliation soulignée par l'alternance de bandes millimétriques plus ou moins riches en amphibole. La foliation est localement plissée et replissée ce qui indique au moins trois phases de déformation.								
78.15	78.32	I2EM; Myl; PEG								
		Monzonite; Mylonitisé; Pegmatitic								
		Monzonite pegmatitique mylonitisée								
86.95	87.45	I2EM; PEG								
		Monzonite; Pegmatitic								
		Monzonite recoupant la foliation du gabbro.								
96.80	97.90	M16; FIN								
		Amphibolite; Fine grains								
		Zone d,altération oblitérant le gabbro folié. Au coeur de cette								

Description	Assay							
	From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
zone d'altération, de 97,20 à 97,40m, on retrouve de la calcite blanche sparritique. De part et d,autre de cette calcite grossière se trouve une amphibolite à grains fins qui remplace le gabbro folié.								
106.13 108.56 I3Al **Leucocratic Gabbro** Gabbro leucocrate, à grains fins, homogène								
108.56 114.00 I3A **Gabbro** Gabbro homogène, grenatifère (5%), localement magnétique.								
111.15 111.25 PEG; I2EM **Pegmatitic; Monzonite** Monzonite pegmatitique recoupant le gabbro								
111.59 111.70 I2EM; PEG **Monzonite; Pegmatitic** Monzonite pegmatitique à magnétite et pyrite. Les feuillets de biotite montrent les évidences du phase de plissement qui affecte cette pegmatite.								

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
3.00	8	2	9	63	368	151	6965	143	49	0	5
5.00	4	2	7	29	140	124	3597	79	36	0	2
6.00	5	1	13	1	46	219	6215	1	198	0	4
7.00	3	1	7	1	1	124	5345	64	94	1	5
8.00	4	1	8	1	256	141	6439	94	169	0	4
9.00	5	1	10	1	85	178	5950	80	197	0	7
10.00	5	1	9	1	1	99	6067	106	42	1	5
11.00	5	2	7	41	178	136	5068	122	7	0	3
12.00	4	3	6	1	1	122	3150	118	30	1	1
13.00	4	2	7	1	33	137	3546	97	40	0	2
14.00	5	1	7	48	18	135	4376	149	41	3	5
15.00	3	1	9	25	122	125	3974	122	32	0	2
16.00	5	1	9	34	27	155	4712	177	2	1	4
17.00	6	3	11	76	1	240	6689	191	1	76	2
18.00	2	2	10	1	1	150	6070	160	1	1	1
19.00	3	2	9	71	1	148	5295	167	0	71	1
20.00	1	2	1	1	35	1	465	32		0	1
21.00	1	1	11	1	1	117	5684	143	0	1	2
22.00	5	2	7	30	1	68	4001	84		30	3
23.00	2	1	16	121	1	250	5132	297	10	121	2
24.00	2	4	8	1	49	166	7002	200	12	0	0
25.00	5	2	7	1	1	177	5127	139	30	1	2
26.00	4	2	7	36	47	170	6610	170	13	1	2
27.00	5	1	6	29	97	188	5875	112	21	0	6
28.00	8	2	9	1	25	339	3267	189	5	0	4
29.00	8	1	4	1	108	90	4889	147	24	0	16
30.00	5	1	6	27	88	217	5938	79	19	0	5
31.00	5	2	5	1	21	161	3110	128	14	0	3
32.00	4	2	8	48	30	110	3620	154	20	2	2
33.00	1	0	0	1	1	25	1	141	2	1	5
34.00	6	1	9	27	113	185	6540	161	106	0	9

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
35.00	5	1	10	32	122	163	5644	186	63	0	4
36.00	5	2	11	61	217	185	6932	198	18	0	3
37.00	6	1	10	44	174	150	7999	129	33	0	7
38.00	6	1	13	64	56	224	9260	315	33	1	4
39.00	6	1	11	1	1	200	7171	250	68	1	4
40.00	6	1	10	1	76	251	6822	223	17	0	4
41.00	4	1	7	1	1	67	5074	207	36	1	5
42.00	4	1	8	41	1	184	5959	186	15	41	3
43.00	2	0	0	1	1	1	1	59	5	1	4
44.00	9	1	7	72	129	140	1816	306	1	1	16
45.00	1	4	1	1	1	1	466	1	5	1	0
46.00	9	1	9	101	22	180	2179	369	0	5	15
47.00	11	0	11	343	1820	309	8707	525	21	0	26
48.00	5	0	9	29	64	115	3712	266	5	0	14
49.00	5	0	8	60	140	165	3233	291	0	0	11
50.00	4	1	0	1	1	1	412		13	1	8
51.00	7	0	5	1	1	255	4220	394	4	1	15
52.00	8	0	7	43	1	196	4345	426	32	43	54
53.00	6	0	4	1	1	159	2289	266	3	1	56
54.00	5	1	9	51	25	122	5358	400	6	2	8
55.00	5	0	9	52	17	259	3543	251	5	3	23
56.00	7	0	7	74	16	185	3836	412	2	5	20
57.00	4	0	7	1	17	140	2216	266	2	0	16
58.00	0	0	0	1	1	1	24	50	0	1	0
59.00	6	0	10	1	1	212	4088	451	2	1	13
60.00	7	0	8	45	37	227	3873	391	6	1	23
61.00	9	0	7	70	1	218	9694	455	42	70	46
62.00	5	0	9	1	37	219	2819	285	1	0	25
63.00	7	0	11	70	1	326	3634	512	6	70	16
64.00	7	0	8	1	18	177	2233	329	7	0	24
65.00	7	1	10	84	20	212	4212	427	1	4	7

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
66.00	9	2	8	32	21	227	2932	328	1	2	4
67.00	7	1	8	1	36	267	5672	460	1	0	5
68.00	6	0	8	1	76	154	3929	335	2	0	15
69.00	4	0	6	1	1	105	820	191	4	1	24
70.00	5	0	8	1	1	158	4545	369	26	1	23
71.00	1	0	1	1	1	1	1357	1	370	1	4
72.00	6	0	7	1	94	159	3398	407	14	0	42
73.00	5	0	9	41	1	216	5399	372	4	41	26
74.00	6	0	9	41	1	165	3493	346	3	41	24
75.00	8	0	7	1	37	226	2950	346	1	0	36
76.00	7	0	8	136	151	964	3864	430	7	1	21
77.00	6	0	8	29	1	169	3546	362	13	29	46
78.00	6	1	9	55	21	245	3761	536	20	3	5
79.00	9	1	11	160	128	1104	3322	569	5	1	9
80.00	12	1	5	118	1	684	1802	292	1	118	16
81.00	12	0	6	141	79	722	2286	364	32	2	89
82.00	7	0	8	1	1	136	4373	375	29	1	31
83.00	6	1	8	36	1	155	3764	369	7	36	10
84.00	5	0	8	1	1	131	3133	337	26	1	25
85.00	6	0	7	1	243	153	4165	405	25	0	33
86.00	7	0	7	30	1	165	3934	374	3	30	25
87.00	6	1	9	58	87	186	4032	558	10	1	11
88.00	8	0	4	1	1	82	789	201	5	1	43
89.00	11	0	6	122	15	395	1572	219	0	8	62
90.00	11	1	5	110	1	478	1696	217	0	110	12
91.00	7	0	8	115	146	374	5835	326	0	1	22
92.00	14	0	5	73	1	486	669	220	1	73	174
93.00	12	0	5	1	1	111	2598	306	6	1	154
94.00	10	1	7	565	68	361	2384	356	3	8	19
95.00	5	0	9	33	49	230	2870	349	5	1	34
96.00	8	0	6	1	30	1	3816	176	109	0	101

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
97.00	6	1	8	56	1	619	2482	307	7	56	5
98.00	10	0	7	102	1	680	2935	422	1	102	21
99.00	8	2	8	202	1	626	3397	426	1	202	4
100.00	14	0	6	109	37	451	962	240	1	3	48
101.00	6	0	8	31	1	330	3070	397	2	31	28
102.00	12	1	7	109	35	621	2392	322	1	3	19
103.00	6	2	6	145	1	683	2703	266	0	145	3
104.00	7	0	6	69	1	285	3919	318	1	69	27
105.00	7	0	6	38	1	119	3020	268	2	38	34
106.00	8	0	8	138	1	298	2943	390	0	138	22
107.00	6	0	8	43	1	144	2744	308	2	43	25
108.00	6	0	8	50	1	171	3529	377	18	50	16
109.00	4	0	6	1	68	124	2672	214	1	0	32
110.00	7	0	7	38	1	171	3983	371	15	38	21
111.00	5	0	2	1	54	101	355	77	30	0	37
112.00	5	0	0	1	63	98	2509	342	22	0	19
113.00	6	0	9	54	1	194	2844	348	1	54	21
114.00	6	0	7	41	1	200	2646	330	1	41	19

Zorayda Consulting Ltd

DDH: **GP-17-14**

		Claims title:	2402118	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson Quebec
Contractor:	Forage G4	Lot:			
Author:	Robin Adair	Start date:	4/24/2017	Description date:	4/25/2017
		End date:	4/24/2017		

Collar

Azimuth:	317.0°
Dip:	-45.00°
Length:	48.00

UTM NAD83 z18

East	371819.0000
North	5060832.0000
Elevation	169.5000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	12.00	308.7°	-45.2°	No
EZ-trac	47.70	320.9°	-45.1°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples:	7
Number of QAQC samples:	1
Total sampled length:	4.00

Description:

GÉOLOGUE / GEOLOGIST
ROBIN ADAIR # 1220
QUÉBEC

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
0.00	2.00	CSG **Casing** Casing								
2.00	17.80	I3Al **Leucocratic Gabbro** Leucocratic gabbro sequence. Green-white (dry), olive green (wet). There is weak evidence of cyclic leucocratic gabbro to gabbro, but not achieving melanocratic phase. Two types of pegmatite (undeformed) are present, pink, quartzofeldspathic and grey feldspathic. Magnetic throughout.								
2.00	5.25	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic. Light grey white (dry), dark olive green with reddish tint (garnets) on wet. Unit is very garnetiferous with some coarse 1cm garnet porphyroblasts developed with masses of finer garnets. Unit becomes coarsely crystalline to pegmatitic between 4-5m. Subtle lower contact visible on wet surface.								
2.00	11.30	Grt-s **Strong Garnet** Fine to medium crystalline.								
2.00	12.00	MSV **Massive_Uniform** Uniform texture, equicrystalline, poor gneissosity.								
5.25	11.30	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic. Uniform and massive light grey-white (dry) medium olive green (wet). Uniform fine-medium crystalline texture throughout, slightly calcareous. Pegmatite: grey 5.47-5.69, 10.16-10.88, 11.01-11.03, pink 6.91-7.58.								
5.47	11.03	PEG;15;;;;;								

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
		Pegmatite 15 Pegmatite, 2 types: 1=quartzofeldspathic, pink-grey, 2=grey. Pegmatites not affected by gneissosity.								
11.30	17.50	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic. Similar to above unit, but characterized by coarse garnet development. Garnets up to 1 cm with whitish halo developed around garnet in groundmass. Pegmatite: Pink feldspathic 12.49-12.69m.								
11.30	17.80	Grt-s **Strong Garnet** Marked change to coarse 0.7-1cm garnet porphyroblasts.								
12.00	17.80	FOLg **Foliation gneissique** Weak gneissic banding develops between feldspathic and slightly more mafic compositions.								
14.90	15.00	Po; Py **Pyrrhotite; Pyrite** Disseminated Po+Py (Tr. Cpy) in thin band parallel to gneissosity								
17.50	17.80	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic.Finely-crystalline and noticeable change from above. Strong development of fine garnets throughout								
17.80	18.00	Flt **Fault** Fault								
17.80	18.00	Flt **Fault** Fault zone, rubble and fault gouge								
17.80	18.00	FLT **Fault**								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Brittle fault, strongly broken core, some gouge.							
18.00	34.97	I3Al							
		Leucocratic Gabbro							
		Continuation of 2.00-17.80. Leucocratic gabbro sequence. Unit gradually darkens downhole from green-white to dark grey by 24.97m. Downhole contact is gradational over 2 metres with increasing amphibole content. There is weak evidence of cyclic leucocratic gabbro to gabbro, but not achieving melanocratic phase. Two types of pegmatite (undeformed) are present, pink, quartzofeldspathic and grey feldspathic. Magnetic throughout.							
18.00	34.97	I3Al							
		Leucocratic Gabbro							
		Leucocratic gabbro, garnetiferous and magnetic. Relatively uniform as per 17.50-17.80m. Very garnetiferous with intense garnet development 33.00-354.63m. Very gradational darkening after 30m, approaching gabbro to melanocratic gabbro. Significant presence of pegmatites: grey: 19.03-19.10, 19.40-20.00, 21.50-21.88,33.25-33.35, 34.63-34.89m; Pink: 21.40-21.5,22.4-22.7, 29.00-29.25m							
18.00	34.97	Grt-s							
		Strong Garnet							
		Change back to well-developed fine garnet.							
18.00	34.97	GNY							
		Gneissosity 68°							
		Weakly developed light (feldspathic) to dark (+hornblende) gneissic banding locally developed.							
34.97	37.84	I4B	35.00	35.47	G0667275	0.47	0.01	0.01	0.02
		Hornblendite (meta-pyroxenite)	35.47	36.24	G0667276	0.77	0.01	0.01	0.01
		Orthopyroxenite, uniform, medium-crystalline (2mm). Contacts are sharp with marked disappearance of feldspar. First 50cms are magnetic, then becomes non-magnetic.Mingling textures developed throughout, some sulphide present towards lower contact.	36.24	36.89	G0667277	0.65	0.01	0.01	0.00
			36.89	37.41	G0667278	0.52	0.01	0.02	0.00
			37.41	37.84	G0667279	0.43	0.02	0.07	0.02

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
34.97	37.84	I4B **Hornblendite (meta-pyroxenite)** Orthopyroxenite, uniform, medium-crystalline (2mm). Contacts are sharp with marked disappearance of feldspar. First 50cms are magnetic, then becomes non-magnetic.Mingling textures developed throughout, some sulphide present towards lower contact.							
34.97	37.84	MSV **Massive_Uniform** Massive with very weak gneissic foliation of felsic laminae in equicrystalline hornblende.							
34.97	39.85	Po; Cp **Pyrrhotite; Chalcopyrite** Disseminated sulphides dominated by pyrrhotite with lessor chalcopyrite and trace pyrite. Some heavier disseminated bands @ 35 and 42m. 3%+ cloudy sulphides from 36.89-37.85m.							
37.84	42.10	I3Am	37.84	38.47	G0667281	0.63	0.02	0.06	0.00
		Melanocratic Gabbro	38.47	39.00	G0667282	0.53	-0.005	0.00	0.00
		Melanocratic gabbro, garnetiferous and magnetic.	38.47	39.00	G0667280 (Bln)	0.53	-0.005	-0.001	0.00
37.84	42.10	I3Am **Melanocratic Gabbro** Melanocratic gabbro, weakly garnetiferous and magnetic. Numerous pegmatites Grey: 37.80-38.02, 38.99-38.20, 38.41-38.47; pink: 41.49-41.83m.							
37.84	39.00	MGT **Mingling Texture** Blobs and fingers of hornblendite (orthopyroxenite) in leucocratic gabbro.							
37.84	42.10	PEG;30;;;;; **Pegmatite 30** Pegmatite, 2 types: 1=quartzofeldspathic, pink-grey, 2=grey. Pegmatites not affected by gneissosity.							

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
39.00	42.10	MSV **Massive_Uniform** Uniform texture with pegmatite injection.								
42.10	47.70	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic.								
42.10	47.70	I3Al **Leucocratic Gabbro** Leucocratic gabbro, weakly garnetiferous and magnetic. Cyclic character from leucocratic to faint melanocratic								
42.10	47.70	Grt-w **Weak garnets** few garnets developed.								
42.10	47.70	GNY; FMC **Gneissosity; Felsic-mafic cycles** Moderate development of gneissosity superimposed on thickly developed and subtle felsic-mafic cycle(s).								

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	
14.90	15.00	0.10	DS	Py	5	5				
20.50	20.61	0.11	DS	Po+Py	1				1	
34.97	35.47	0.50	DS	Po+Py	2	1	2			
35.47	36.24	0.77	DS	Po	1		1			
36.24	37.41	1.17	DS	Po+Cpy	3		3		1	
37.41	37.85	0.44	CS	Po+Cpy	3		3		1	
37.85	39.00	1.15	DS	Po	1		1			

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
2.00	4	1	5	1	136	48	2125	53	0	0	3
3.00	3	2	7	1	16	123	2974	65	28	0	2
4.00	6	1	5	1	1	1	2879	1	6	1	4
5.00	3	4	7	39	44	146	1742	1	1	1	1
6.00	2	4	5	1	21	85	3654	1	8	0	0
7.00	1	1	0	1	1	48	86	1	1	1	1
8.00	4	2	8	1	29	244	3765	79	30	0	2
9.00	3	2	8	1	18	86	3912	103	65	0	2
10.00	3	1	6	1	28	101	2836	66	47	0	2
11.00	3	2	8	1	1	85	4088	107	106	1	2
12.00	3	6	4	1	1	133	3310	66	7	1	1
13.00	4	3	7	1	1	119	2627	70	18	1	1
14.00	6	1	6	1	1	95	1993	1	35	1	7
15.00	3	1	7	1	76	59	2562	1	30	0	4
16.00	2	3	9	42	56	121	5421	94	16	1	1
17.00	4	1	8	33	89	126	3148	131	80	0	3
18.00	1	0	22	108	1	312	455	198	89	108	6
19.00	4	1	7	1	23	193	4519	159	11	0	3
20.00	4	1	6	1	16	76	3294	110	11	0	7
21.00	5	1	9	37	15	139	5683	132	3	2	5
22.00	7	0	6	1	296	1	3902	95	67	0	17
23.00	7	1	9	1	21	176	7263	226	120	0	8
24.00	4	1	6	1	1	109	5688	134	13	1	4
25.00	6	2	9	1	166	221	5630	167	8	0	4
26.00	6	0	9	1	1	125	6448	142	80	1	11
27.00	3	5	6	27	13	143	3073	125	45	2	1
28.00	7	0	4	1	39	94	2766	78	12	0	16
29.00	5	1	7	1	127	159	4212	131	8	0	9
30.00	4	2	7	1	101	48	3847	108	16	0	2
31.00	7	0	7	1	1	122	5025	179	84	1	14
32.00	5	1	7	1	1	74	4384	174	2	1	7

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
33.00	6	0	8	1	463	142	3690	143	101	0	15
34.00	7	0	3	1	55	88	3113	118	11	0	21
35.00	7	0	8	1	33	125	7850	294	61	0	20
36.00	8	0	7	54	1	143	1905	220	3	54	28
37.00	8	1	10	126	1	203	4007	318	1	126	12
38.00	6	1	10	63	37	270	4649	545	0	2	11
39.00	8	0	8	45	29	147	3784	307	4	2	31
40.00	7	0	7	1	1	196	3123	432	12	1	26
41.00	6	1	7	62	1	182	5154	280	7	62	9
42.00	5	0	7	55	1	148	2735	324	5	55	35
43.00	11	0	10	53	1	346	7645	453	6	53	48
44.00	5	0	7	1	1	139	3157	328	9	1	71
45.00	6	0	9	1	1	196	4828	485	22	1	17
46.00	7	0	4	1	1	113	3704	284	45	1	83
47.00	6	0	7	1	1	134	3517	334	0	1	20
48.00	6	0	8	64	1	240	4087	321	11	64	28

Zorayda Consulting Ltd

DDH: GP-17-15

		Claims title:	2402118	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson Quebec
Contractor:	Forage G4	Lot:			
Author:	Dr. Michel Gauthier	Start date:	4/25/2017	Description date:	4/27/2017
		End date:	4/25/2017		

Collar

Azimuth:	310.0°
Dip:	-40.00°
Length:	60.00

UTM NAD83 z18

East	372268.0000
North	5061165.0000
Elevation	169.5000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	18.00	307.0°	-41.0°	No
EZ-trac	60.00	312.4°	-40.7°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples:	34
Number of QAQC samples:	3
Total sampled length:	20.52

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
0.00	2.50	OB **Mort-terrain** Mort-terrain							
2.50	37.66	I3A **Gabbro** Gabbro; Medium-grained, I3A; Med Grain, Gabbro poivre et sel équigranulaire (?=2mm) peu ou pas folié constitué de plagioclase (%), d'amphibole (28%), grenat (10%) et magnétite. Il devient très progressivement mélanocrate en descendant vers le bas du forage.							
3.92	4.02	I3A **Gabbro** Gabbro; Coarse grained; Dyke ;Dyke de gabbro à grains grossiers (?=4mm) recoupant le gabbro à grains moyens. Ce dyke contient des traces de chalcopyrite et de pyrrhotite.							
5.90	6.20	I3A **Gabbro** Gabbro; Coarse grained; DykeDyke de gabbro à grains grossiers (?=8mm) recoupant le gabbro à grains moyens. Ce dyke contient des traces de chalcopyrite et de pyrrhotite.;	5.90	6.20	G0667283	0.30	-0.005	-0.001	0.01
7.95	8.17	I3A **Gabbro;** Gabbro; Coarse grained; Dyke;Dyke de gabbro à grains grossiers (?=4mm) recoupant le gabbro à grains moyens. Ce dyke contient des traces de chalcopyrite et de pyrrhotite. On observe une frange de 3 cm de gabbro mélanocrate riche (30%) en grenat qui envahit le gabbro à grains moyens.;							
8.67	8.90	I3A **Gabbro** Gabbro; Coarse grained; DykeDyke de gabbro à grains grossiers (?=6mm) recoupant le gabbro à grains moyens. Ce dyke contient des traces de chalcopyrite et de pyrrhotite.;	8.67	8.90	G0667284	0.23	-0.005	-0.001	0.00
10.54	11.00	I2H							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Monzodiorit Hyaloclastite; Monzodiroite; Contact diffus avec le gabbro à grains moyens;							
12.36	14.36	I3A **Gabbro** 36;Faciès riche (= 20%) en grenat;Grenat ++;Le gabbro prend une teinte rose dûe à l'abondance de grenat;							
14.36	14.70	I3A **Gabbro** Gabbro; Coarse grained; DykeDyke de gabbro à grains grossiers (?=6mm) recoupant le gabbro à grains moyens. Ce dyke contient des traces de chalcopyrite et de pyrrhotite.;	14.45	14.70	G0667285	0.25	-0.005	-0.001	0.01
14.70	21.00	I3A **Gabbro** Faciès riche (= 20%) en grenat;Grenat ++;Le gabbro prend une teinte rose dûe à l'abondance de grenat;							
21.00	21.08	I2Em **Monzonite** Monzonite; DykeDyke de 1cm de puissance recoupant le gabbro grenatifère;	21.03	21.18	G0667286	0.15	-0.005	-0.001	0.01
21.08	32.78	I3A **Gabbro** Faciès riche (= 20%) en grenat;Grenat ++;Le gabbro prend une teinte rose dûe à l'abondance de grenat;							
32.78	34.50	I2Em **Monzonite** Monzonite; Pegmatitic. Celle-ci présente des évidences de mylonitisation car; attenant au faciès pegmatitique. On retrouve un faciès aphanitique rose. Obn note une concentration de magnétite au contact inférieur de 34.49 à 34.50m.							
37.66	39.22	M25 **Mylonite**	37.66	38.30	G0667287	0.64	0.01	0.01	0.01

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Mylonite; Lamination parallèle. Roche aphanitique rose à débit laminaire au 5mm de 37,66 à 38, 30m. Il y a présence de fines lamines de calcite dans cette mylonite. Le contact avec le gabbro susjacent est franc. Cependant après 38,30m l'intensité de la mylonitisation diminue et on retrouve un copeau tectonique de ce même gabbro de 38,30 à 38,80m. De 38,80 à 39,22m c'est plutôt une metapyroxénite (ortho amphibolite mylonitisée).							
38.30	38.80	I3A	38.30	38.80	G0667288	0.50	-0.005	0.02	0.01
		Gabbro							
		Gabbro; Mylonitisé; grenatifère mylonitisé;							
38.80	39.22	I4B	38.80	39.22	G0667289	0.42	0.01	0.02	0.00
		Hornblendite (meta-pyroxenite)							
		Hornblendite (meta-pyroxenite); Mylonitisé. Traces de chalcopyrite et de pyrrhotite.;							
39.22	49.10	I4B	39.22	39.80	G0667291	0.58	0.01	0.02	-0.001
		Hornblendite (meta-pyroxenite)	39.80	40.63	G0667292	0.83	0.02	0.01	-0.001
		Meta-pyroxénite transformée en amphibolite. On y note des passées décimétriques de melanogabbro.	40.00	41.00	G0667290 (Bln)	1.00	-0.005	-0.001	-0.001
40.63	40.93	I1Ba	40.63	40.93	G0667293	0.30	-0.005	-0.001	-0.001
		Aplite	40.93	41.25	G0667294	0.32	-0.005	0.00	0.01
		Aplite; Roche aphanitique rose présentant des cristaux aciculaires noires qui pourraient être de l'aégéryne-augite plutôt que de la tourmaline de type schorl.	41.25	41.60	G0667295	0.35	0.01	0.00	0.00
41.60	42.00	I2Em	41.60	42.00	G0667296	0.40	-0.005	0.00	0.01
		Monzonite	42.00	42.70	G0667297	0.70	0.02	0.01	-0.001
		Monzonite; MinglingMélange de monzonite rose avec la méta-pyroxénite. Traces de chalcopyrite dans la monzonite.;							
42.70	42.95	I4B	42.70	43.00	G0667298	0.30	0.01	0.02	0.02
		Hornblendite (meta-pyroxenite)	43.00	44.00	G0667299	1.00	0.01	0.02	0.01
		Hornblendite (meta-pyroxenite); Mylonitisé; montre des évidences de mylonitisation;	44.00	44.24	G0667301	0.24	0.01	0.01	0.01

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
			44.00	44.10	G0667300 (Std)	0.10	0.32	0.60	0.07
			44.24	44.82	G0667302	0.58	0.02	0.03	0.02
			44.82	45.00	G0667303	0.18	0.01	0.02	0.01
			45.00	45.81	G0667304	0.81	0.01	0.01	0.00
			45.81	46.31	G0667305	0.50	0.01	0.05	0.02
46.00	46.20	I4B **Hornblendite (meta-pyroxenite)** Hornblendite (meta-pyroxenite); Mylonitisé. Zone de mylonite avec chalcopyrite en filaments étirés. Apparition de l'étrange minéral noir abondant que celui vu dans la mylonite du forage GP-17-16 entre 45.5 et 46.0m							
46.30	47.08	I3Am **Melanocratic Gabbro** Melanocratic Gabbro	46.31	47.08	G0667306	0.77	0.01	0.00	0.01
47.08	47.10	I2Em **Monzonite** Monzonite; Mylonitisé, rose mylonitisée ce qui lui donne graduellement l'aspect de l'aplite rose;	47.08 47.10 48.00	47.10 48.00 49.10	G0667307 G0667308 G0667309	0.02 0.90 1.10	-0.005 0.02 0.01	0.00 0.02 0.01	0.01 0.01 0.00
48.15	48.75	I3Am **Melanocratic Gabbro** Melanocratic Gabbro	49.00	50.00	G0667310 (Bln)	1.00	-0.005	-0.001	-0.001
49.10	54.55	I3Am **Melanocratic Gabbro** Mingling melanogabbro et gabbro sensus stricto; Mingling_Mgab_Lgab; Mingling de melanogabbro prédominant avec du gabbro sensus stricto. La méta-pyroxénite n'est présente qu'au début de la zone de mingling	49.10	50.00	G0667311	0.90	-0.005	0.01	0.01
49.95	50.20	I4B **Hornblendite (meta-pyroxenite)** Hornblendite (meta-pyroxenite) enrobée de gabbro sensu stricto;	50.00 51.00 52.00 53.00	51.00 52.00 53.00 54.00	G0667312 G0667313 G0667314 G0667315	1.00 1.00 1.00 1.00	0.01 -0.005 -0.005 -0.005	0.04 0.00 0.01 0.01	0.01 -0.001 -0.001 -0.001

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
			54.00	54.75	G0667316	0.75	0.01	0.01	-0.001
54.55	55.58	I4B	54.75	55.58	G0667317	0.83	0.04	0.10	0.01
		Hornblendite (meta-pyroxenite)							
		Métapyroxénite en contact de faille avec le mélanogabbro susjacent..							
55.58	56.45	I4B	55.58	56.43	G0667318	0.85	0.06	0.61	0.04
		Hornblendite (meta-pyroxenite)	56.43	57.25	G0667319	0.82	0.03	0.11	0.02
		Méta-pyroxénite est fortement minéralisée en chalcopyrite (2%) et en pyrrhotite (2%). Ces sulfures sont en amas anostomosés centimétriques massifs dans une matrice de méta-pyroxénite qui contient elle-même de la chalcopyrite et de la pyrrhotite dissséminée. Le contact de cette méta-pyroxénite minéralisée avec le mélanogabbro homogène et stérile.							
56.45	60.00	I3Am							
		Melanocratic Gabbro							
		Melanogabbro à gabbro sensu stricto homogène légèrement grenatif˙re (4%).							
58.80	58.90	I2Em							
		Monzonite							
		Monzonite; Dyke de monzonite recoupant le mélanogabbro;							

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	

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Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
2.50	6	1	9	54	1	209	6452	308	13	54	5
3.00	5	1	6	1	1	102	2270	97	53	1	6
4.00	7	1	7	37	1	168	5568	192	40	37	8
5.00	5	1	6	1	29	104	3437	139	21	0	7
6.00	9	0	6	1	1	119	805	97	16	1	19
7.00	2	3	7	30	1	1323	6459	173	19	30	1
8.00	6	1	2	1	1	1	292	1	37	1	9
9.00	3	4	7	1	1	136	4665	129	58	1	1
10.00	4	0	5	1	61	154	3121	112	37	0	16
11.00	3	2	6	1	1	76	3182	93	22	1	1
12.00	3	3	6	1	402	116	2156	72	48	0	1
13.00	4	2	7	46	1	143	3984	138	26	46	2
14.00	3	4	6	48	1	156	5762	142	18	48	1
15.00	4	2	6	36	1	107	7356	158	15	36	1
16.00	4	2	5	1	1	53	3089	112	5	1	2
17.00	7	0	5	1	1	112	2603	123	25	1	25
18.00	7	0	5	1	31	130	3162	143	82	0	17
19.00	3	3	8	58	30	159	5544	125	24	2	1
20.00	6	1	4	1	148	1	2040	66	24	0	10
21.00	4	1	5	1	1	74	2845	118	19	1	3
22.00	3	1	6	1	1	94	4070	85	51	1	3
23.00	5	1	6	1	35	99	3749	134	2	0	4
24.00	5	1	7	1	1	119	5482	182	17	1	5
25.00	4	2	8	1	25	158	7886	168	49	0	2
26.00	4	2	8	49	1	179	55309	150	98	49	2
27.00	4	3	8	45	20	101	4588	122	78	2	1
28.00	4	2	7	32	186	140	5441	175	14	0	2
29.00	4	2	6	1	1	69	4696	117	117	1	2
30.00	5	3	7	38	1	145	5388	174	96	38	2
31.00	5	1	7	1	22	143	4561	238	66	0	4
32.00	5	1	9	34	64	165	6831	185	99	1	5

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Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
33.00	1	5	0	1	1	1	1	1	4	1	0
34.00	0	5	0	1	14	1	134	1	24	0	0
35.00	6	0	6	1	17	156	5566	119	154	0	19
36.00	5	2	7	1	94	145	3571	151	39	0	2
37.00	4	2	8	36	130	152	5145	151	105	0	2
38.00	2	2	2	1	67	52	1985	95	19	0	1
39.00	7	1	13	75	38	255	8503	702	18	2	5
41.00	9	1	8	33	304	151	5315	601	0	0	13
42.00	7	1	6	1	1	141	3203	415	1	1	11
43.00	8	1	8	67	216	190	3753	520	3	0	11
44.00	7	1	13	126	547	196	2926	264	2	0	8
45.00	6	1	13	75	1094	176	5110	433	3	0	9
46.00	8	1	10	122	19	301	3525	451	3	6	7
47.00	8	1	11	78	55	143	8344	758	9	1	7
48.00	6	1	7	38	1	207	2881	335	3	38	12
49.00	7	1	10	61	1	177	5844	279	1	61	9
50.00	7	1	11	148	804	1	4319	370	0	0	7
51.00	7	1	9	106	1	229	4427	336	1	106	6
52.00	6	1	8	79	88	96	3443	273	1	1	9
53.00	8	0	6	56	1	161	3244	319	0	56	16
54.00	6	0	8	60	328	201	2347	292	1	0	15
55.00	8	1	8	191	269	324	1616	270	3	1	12
56.00	3	2	15	532	119000	309	6747	318	1	0	1
57.00	7	0	7	48	24	144	3572	355	1	2	16
58.00	7	0	7	37	1	194	2989	305	23	37	18
59.00	6	0	8	68	70	157	3626	313	15	1	18
60.00	7	1	9	87	47	256	4327	484	3	2	12

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DDH: GP-17-16

		Claims title:	2402123	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	
Contractor:	Forage G4	Lot:			
Author:	Robin Adair	Start date:	4/26/2017	Description date:	4/29/2017
		End date:	4/27/2017		

Collar

Azimuth:	315.0°
Dip:	-50.00°
Length:	87.00

UTM NAD83 z18

East	372268.0000
North	5061165.0000
Elevation	169.5000

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	24.00	311.3°	-49.6°	No
EZ-trac	81.00	313.8°	-49.4°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples:	24
Number of QAQC samples:	2
Total sampled length:	12.17

Description:

GÉOLOGUE / GEOLOGIST
ROBIN ADAIR # 1220
QUÉBEC

Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
0.00	2.40	CSG **Casing** Casing							
0.00	10.00	Cp **Chalcopyrite** nice rocks							
0.00	10.00	STW;50%;;;;; **Stockwork 50%** white veins							
2.00	4.52	I3Al **Leucocratic Gabbro** Finely-crystalline with evidence of xenoliths of intensely garnetiferous leucogabbro (up to 10 cm). Unit is mineralized with cloudy disseminated sulphides. Light grey colour (dry), medium olive green with reddish tint (wet). Gneissosity moderately developed.							
2.40	46.22	I3A **Gabbro** Sequence of metagabbro, garnetiferous and magnetic throughout. Medium grey green on dry surface and medium to dark olive green on wet surface. Garnet content varies from strong to weak, with the stronger garnet development associated with the more mafic areas. There are a few sporadic xenoliths (3-10cm) of leucogabbro.	3.43 4.09	4.09 4.52	G0667320 G0667322	0.66 0.43	-0.005 -0.005	-0.001 -0.001	-0.001 -0.001
4.52	14.56	I3A **Gabbro** Metagabbro, medium to dark grey (dry) dark olive green (wet). Variable garnets, becoming strongly garnetiferous from 10.2-11.3. Evidence of few lighter-coloured leucogabbro xenoliths. Gneissosity varies from poorly to well developed. Gneissosity is folded at 9.4-9.8m. 13.37-14.56 – thin feldspathic pegmatites.	8.65	8.86	G0667323	0.21	-0.005	-0.001	0.00
14.56	15.37	I1G **Pegmatite**							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Orange feldspathic pegmatite, coarse-crystalline.							
15.37	17.53	I3A **Gabbro** Metagabbro, strongly garnetiferous, finely-crystalline.							
17.53	32.60	I3A **Gabbro** Metagabbro, marked change to coarse-crystalline. Relatively uniform texture. some local leucogabbro xenoliths (1.5 - 10cms) apparent. Strongly garnetifferous from 20-22m and decreasing slightly downhole.							
32.60	33.59	I1G **Pegmatite** Grey-red pegmatite, coarsely crystalline with finely-crystalline margins.							
33.59	35.32	I3A **Gabbro** Metagabbro as per 17.53-32.60. Becoming slightly darker downhole. Large garnet development. Magnetic.							
35.32	35.95	I3Al **Leucocratic Gabbro** Leucogabbro, finely-crystalline with well-developed fine garnets. 1-3% disseminated Po+Cpy.	35.32	35.95	G0667324	0.63	0.01	-0.001	0.00
35.95	41.56	I3A **Gabbro** Metagabbro, becoming darker and approaching melanogabbro composition, some probable leucogabbro xenoliths, some with coarse garnet development.							
41.56	46.22	I3A	44.98	45.45	G0667325	0.47	-0.005	-0.001	0.01
		Gabbro Metagabbro, finely-crystalline with strong to moderate garnet development. Gneissosity reasonably developed, however the unit develops increasing structural, mylonitic fabric downhole.	45.45	46.22	G0667326	0.77	-0.005	-0.001	-0.001

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Late, this calcite slips.							
46.22	47.10	M25	46.22	46.48	G0667327	0.26	-0.005	0.00	0.00
		Mylonite	46.48	47.10	G0667328	0.62	-0.005	-0.001	-0.001
		Pink, feldspathic to green banded and mottled mylonite very fine-grained. Black, coarse-grained mineral developed throughout. Unit is calcareous. Mylonitic banding as well as contacts with surrounding rock @40 degrees CA							
47.10	50.90	I3A	47.10	48.00	G0667329	0.90	-0.005	0.01	0.01
		Gabbro	49.72	50.56	G0667331	0.84	0.01	0.00	0.00
		Meta-gabbro, intensely deformed with numerous calcite fractures and contorted gneissosity. A low-angle brittle fracture runs down the core from 49.7 to 50.65, some pegmatite injected along the fracture, magnetic and weakly calcareous.	49.72	50.56	G0667330 (Bln)	0.84	-0.005	-0.001	-0.001
50.90	53.95	M1h	52.00	52.67	G0667332	0.67	0.01	0.02	0.00
		Hornblende Gneiss	52.67	53.00	G0667333	0.33	0.02	0.06	0.02
		Meta-pyroxenite. Relatively uniform texture made up of equicrystalline hornblende (after pyroxene), medium-crystalline at 2mm. the same low-angle brittle fault re-enters the core from 51 m and exits at 51.6m. Slickensides present on the fracture plane at 45 degrees measured relative to core axis and on the fracture plane. Also present are thin calcite fractures at 55 CA. Calcite clot, elongate with reaction halo in hornblendite at 52.8m The unit develops a mylonitic fabric and texture at 53.2. Calcitic hairline fractures present. Biotite locally develops in hornblendite. Coarse Po-Cpy splash of sulphide ~ 1 cm at two locations. Non-magnetic.	53.00	53.95	G0667334	0.95	0.02	0.05	0.01
53.95	54.47	M25	53.95	54.47	G0667335	0.52	0.03	0.30	0.05
		Mylonite	53.95	54.47	G0667354 (Std)	0.52	0.23	0.42	0.04
		Mylonite developed in hornblendite (meta-pyroxenite), medium green and fine to very fine-grained at 20 degrees to CA. Few large splashes (1-2cm) of course pyrrhotite and chalcopyrite along with course disseminated sulphides similar in composition and texture of the sulphide splashes. Unidentified crystalline black mineral developed in							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		the mylonite. Mylonite cuts gneissosity at 90 degrees, and calcite fractures cut both at 27 degrees.							
54.47	59.03	I3A	54.47	54.82	G0667353	0.35	-0.005	0.01	0.01
		Gabbro							
		Meta-Gabbro, medium to finely crystalline, non- to weakly magnetic. No garnets present, numerous calcite slips at 60 degrees CA. Unit darkens downhole.							
59.03	60.70	I4B	59.11	59.44	G0667355	0.33	0.03	0.11	0.02
		Hornblendite (meta-pyroxenite)	59.44	59.60	G0667356	0.16	0.01	0.02	0.01
		Orthopyroxenite, mineralized and relatively uniform texture made up of equicrystalline hornblende (after pyroxene), medium-crystalline at 2mm. some calcite slips. Sulphides, pyrrhotite and chalcopyrite as heavy disseminations to net-textures (7-20% sulphides). Texture of the coarser sulphides similar to splashes notes above.	59.60	59.93	G0667357	0.33	0.05	0.55	0.03
			59.93	60.70	G0667358	0.77	0.05	0.16	0.00
60.70	62.74	I3A							
		Gabbro							
		Metagabbro, Finely crystalline, few garnets and thin pegmatites.							
62.74	62.90	M25							
		Mylonite							
		Mylonite.							
62.90	87.00	I3Al							
		Leucocratic Gabbro							
		Sequence dominated by leucogabbro to gabbro with one cycle reaching melanocratic gabbro and another reaching hornblendite (orthopyroxenite). Garnets become faint with some dense garnetiferous patches. Leucocratic compositions are more magnetic in character.							
62.90	64.00	I3A							
		Gabbro							
		Metagabbro, finely-crystalline, fine garnets developed.							
64.00	64.38	I1G							
		Pegmatite							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Pegmatite, orange-pink							
64.38	73.01	I3A	70.04	70.31	G0667359	0.27	0.01	0.02	0.00
		Gabbro	70.64	71.06	G0667360	0.42	-0.005	0.07	0.00
		Metagabbro, coarsely-crystalline, garnetiferous and magnetic. Patches and seams of weakly-disseminated Po and Cpy. 67.9-68, bands of calcite amphibole in bands (shears?). Pegmatite 71.7-71.88, 72.35m.	71.06	71.68	G0667361	0.62	-0.005	0.02	0.00
73.01	73.38	I3Al							
		Leucocratic Gabbro							
		Leucocratic gabbro, garnetiferous and magnetic.							
73.38	73.91	I3Am	73.38	73.67	G0667363	0.29	0.01	0.01	-0.001
		Melanocratic Gabbro							
		Melanocratic gabbro, more garnetiferous and magnetic. Sulphides developed to 5%.							
73.91	76.80	I3A							
		Gabbro							
		Metagabbro, garnetiferous and finely-crystalline, coarser dark zones with coarser garnets (more amphibole). Darkens (+amphibole) downhole.							
76.80	77.03	M1h							
		Hornblende Gneiss							
		Orthopyroxenite, coarse- and uniformly-crystalline with large garnets.							
77.03	81.50	I3Al	79.79	80.16	G0667362	0.37	-0.005	-0.001	0.04
		Leucocratic Gabbro							
		Leucogabbro, first 30 cms, well foliated thin laminations of light and dark bands. Abrupt change to massive leucogabbro, finely-crystalline. Developed a mottled light-dark texture with large .75-1cm garnets throughout. Course to fine cycles (gneissic?) bands.							
81.50	85.33	I3A							
		Gabbro							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Metagabbro, finely- to medium-crystalline.							
85.33	85.76	I3Am							
		Melanocratic Gabbro							
		Melanocratic gabbro.							
85.76	85.86	I3Am; I1G							
		Melanocratic Gabbro; Pegmatite							
		Pegmatite							
85.86	87.00	I3Al							
		Leucocratic Gabbro							
		Leucocratic gabbro, weakly garnetiferous and magnetic.							

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	
3.43	4.52	1.09	DS	Po+Cpy	1		1		0	
35.32	35.95	0.63	CS	Po+Cpy	1		1		0	
44.98	45.45	0.47	CS	Po+Cpy	1		1		0	
52.00	52.67	0.67	DS	Po+Cpy	1		0		0	
52.67	53.00	0.33	DS	Cpy+Po	3		1		2	
53.00	53.95	0.95	DS	Cpy	1					
53.95	54.47	0.52	SS	Po+Cpy	15		9		6	
59.11	59.60	0.49	DS	Cpy+Po	5		2		3	
59.60	59.93	0.33	DS	Po+Cpy	20		15		5	
59.93	60.70	0.77	DS	Po+Cpy	5		3		2	
70.04	71.68	1.64	DS	Po+Py	3	1	3		5	
73.38	73.67	0.29	DS	Cpy+Po	5	2			3	
74.70	74.95	0.25	DS	Cpy+Po	6		2		3	
78.70	78.80	0.10	DS	Po+Cpy	2		2		1	
79.80	79.90	0.10	DS	Cpy	3					

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
2.50	4	1	7	1	121	155	5377	122	24	0	6
3.00	4	1	7	1	1	69	5367	100	78	1	4
4.00	3	1	5	1	736	104	5934	91	83	0	4
5.00	4	3	5	1	1	71	3190	78	27	1	1
6.00	4	2	5	1	1	111	3121	124	24	1	2
7.00	6	1	7	29	20	171	4794	160	26	1	6
8.00	5	2	8	64	1	134	5531	137	46	64	3
9.00	3	3	8	38	1	146	5996	157	40	38	1
10.00	5	2	7	26	15	148	9313	110	72	2	3
11.00	5	1	6	1	1	83	3255	199	7	1	6
12.00	5	1	7	40	1	133	5734	166	66	40	4
13.00	5	2	11	1	16	126	6394	160	70	0	2
14.00	5	2	7	1	1	94	86723	240	93	1	2
15.00	5	2	3	1	1	113	2648	1	59	1	3
16.00	2	4	7	45	1	101	5876	160	16	45	1
17.00	4	2	7	1	1	79	4559	148	19	1	2
18.00	4	2	7	35	36	103	4961	129	32	1	2
19.00	4	1	6	28	403	119	3113	74	22	0	6
20.00	5	1	7	34	27	115	4738	138	73	1	3
21.00	3	3	8	1	26	157	7618	168	10	0	1
22.00	4	3	9	44	1	147	6979	235	23	44	1
23.00	4	2	10	48	29	157	6538	215	40	2	2
24.00	2	1	1	1	298	57	1	1	13	0	4
25.00	5	2	8	35	119	195	5683	152	78	0	3
26.00	4	2	7	1	20	127	4845	161	46	0	2
27.00	5	1	9	1	163	124	4377	171	23	0	5
28.00	5	1	6	1	1	58	3998	143	74	1	5
29.00	4	2	7	27	20	113	4288	104	33	1	3
30.00	5	3	11	82	42	252	7722	163	2	2	2
31.00	8	0	8	1	394	116	3711	190	98	0	27
32.00	8	0	7	26	1	85	3602	109	138	26	25

Niton_XRF

Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
33.00	0	6	0	1	1	55	106	1	4	1	0
34.00	5	2	10	49	1	206	6316	218	92	49	3
35.00	5	1	7	1	26	193	4341	128	79	0	4
36.00	4	1	7	30	1	59	3860	131	64	30	4
37.00	5	1	6	1	92	89	4199	150	72	0	6
38.00	3	3	7	1	1	124	4471	113	67	1	1
39.00	5	1	9	1	39	161	6620	138	64	0	4
40.00	5	1	7	48	163	142	6845	109	66	0	3
41.00	3	2	8	1	1	128	4913	146	39	1	1
42.00	6	1	7	1	55	59	4639	214	101	0	11
43.00	5	2	6	1	52	135	5254	221	113	0	2
44.00	6	1	7	1	365	134	2793	170	43	0	7
45.00	5	2	9	1	412	150	7576	341	14	0	2
46.00	4	2	8	47	289	132	4834	193	30	0	2
47.00	4	0	19	96	23	306	7028	1006	1	4	9
48.00	7	0	7	58	29	208	2973	291	1	2	13
49.00	6	1	13	90	25	172	6460	502	7	4	6
50.00	6	2	12	81	452	146	7224	476	2	0	4
51.00	7	1	13	97	188	212	6457	448	3	1	5
52.00	7	1	10	106	25	190	2691	265	5	4	7
53.00	9	1	11	92	348	252	112000	742	3	0	10
54.00	3	1	5	236	506	90	1561	132	0	0	3
55.00	8	1	8	121	1	210	4878	339	0	121	14
56.00	8	1	7	65	1	237	3549	332	1	65	15
57.00	9	1	8	75	57	258	3632	282	1	1	15
58.00	9	1	7	82	324	370	5510	398	1	0	12
59.00	7	1	7	81	1	231	3654	317	0	81	12
60.00	5	1	11	288	689	306	933	180	6	0	4
61.00	6	0	8	52	1	159	3799	374	17	52	20
62.00	8	0	8	38	46	193	3145	304	11	1	24
63.00	7	0	14	138	21	283	5533	641	33	7	18

Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
64.00	3	1	6	1	1	98	2390	263	32	1	5
65.00	4	1	10	1	1	120	3805	460	0	1	7
66.00	5	1	9	65	187	245	4129	431	6	0	5
67.00	4	0	8	1	108	167	2678	306	5	0	10
68.00	3	2	11	67	35	213	4969	416	14	2	2
69.00	5	1	9	50	1	238	3305	429	6	50	9
70.00	2	2	18	110	1	423	5508	519	24	110	1
71.00	4	0	16	278	49	1141	3647	393	90	6	10
72.00	1	3	15	360	124	22	5055	529	21	3	1
73.00	2	2	14	82	1	314	4363	392	7	82	2
74.00	4	0	9	53	1	163	5463	321	38	53	14
75.00	2	2	14	103	1	267	3797	405	14	103	1
76.00	5	0	12	90	1	182	3842	360	16	90	11
77.00	8	1	13	126	25	541	2085	260	3	5	12
78.00	13	0	6	62	260	384	1297	214	3	0	66
79.00	3	1	15	71	310	338	4060	414	0	0	2
80.00	5	0	16	69	349	310	115000	612	20	0	21
81.00	7	1	8	189	70	701	3643	311	0	3	7
82.00	11	0	9	53	684	237	3147	360	52	0	62
83.00	6	0	14	93	108	238	2880	437	4	1	12
84.00	6	1	8	72	1	176	4262	398	2	72	7
85.00	6	0	8	58	46	144	3821	299	6	1	15
86.00	6	0	7	1	1	102	5603	292	49	1	31
87.00	5	0	8	43	1	148	4012	318	0	43	21

Zorayda Consulting Ltd

DDH: **GP-17-17**

		Claims title:	2402123	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson Quebec
Contractor:	Forage G4	Lot:			
Author:	Dr. Michel Gauthier	Start date:	4/27/2017	Description date:	4/29/2017
		End date:	4/28/2017		

Collar

Azimuth:	310.0°
Dip:	-60.00°
Length:	96.00

UTM NAD83 z18

East	372268.0000
North	5061165.0000
Elevation	169.5000

Averages - Composites

Zone	From	To	Core length	Horizonta...	Vertical t...	True thic...	

Number of samples:	17
Number of QAQC samples:	1
Total sampled length:	11.44

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

		Description
0.00	2.00	OB
		Mort-terrain
		Mort-terrain
2.00	51.84	I3A
		Gabbro
		Gabbro monotone légèrement folié, à grains fins (mingling); poivre et sel constitué de plagioclase 50 (%) d'amphibole (30%) de grenat en quantité variable mais inférieure à 30% de la roche et de magnétite (3%).
6.81	6.88	I2Em
		Monzonite
		Monzonite; Dyke de monzonite à grains grossiers;
18.46	18.98	I3A
		Gabbro
		Gabbro; Coarse grained; Passée à grains grossiers sinon pegmatitique; présentant des amphiboles centimétriques et des agrégats de grenat de 7mm de diamètre en moyenne;
20.43	20.68	I3A
		Gabbro
		Gabbro; Coarse grained; Gabbro pegmatitique en contact diffus avec le gabbro à grains moyens;
21.00	22.87	I3A
		Gabbro
		Gabbro; Coarse grained; Gabbro pegmatitique en contact diffus avec le gabbro à grains moyens;
22.90	23.07	I3A
		Gabbro
		Gabbro; Coarse grained; pegmatitique en contact diffus avec le gabbro à grains moyens;
25.50	25.70	**Monzodiorite**
		Monzodiorite; Schlieren; avec schlieren d'amphiboles ;
27.24	28.43	I2H
		Monzodiorite
		Monzodiorite; Medium grained rosé en contact diffus avec gabbro riche en grenat;
34.60	35.22	I3A
		Gabbro
		Gabbro; Fine grains à grains fins homogène;
38.10	38.25	I2Em
		Monzonite
		Monzonite; Coarse grained; pegmatitique dans le gabbro;

		Description
38.84	38.91	I3A **Gabbro** Gabbro; Coarse grained; à grains grossiers;1% de chalcopyrite et 1% de pyrrhotite disséminée de manière xénomorphe par rapport aux silicates";
42.12	42.20	I4B **Hornblendite (meta-pyroxenite)** Hornblendite (meta-pyroxenite); Coarse grained; dyke de 3cm d'épaisseur pyroxénite recoupant le gabbro ;
42.90	43.80	I2Em **Monzonite** Monzonite; Coarse grained; Dyke de 3cm d'épaisseur de monzonite pegmatitique sub-parallèle à l'axe de la carotte .
44.40	45.07	I2Em **Monzonite** Monzonite; Dyke; Pegmatitic.Dyke de 3cm d'épaisseur de monzonite pegmatitique sub-parallèle à l'axe de la carotte.
45.56	45.92	I2Em **Monzonite** Monzonite; Pegmatitic; Dyke; Dyke de 3cm d'épaisseur de monzonite pegmatitique sub-parallèle à l'axe de la carotte.
49.27	49.45	I2H **Monzodiorite** Monzodiorite; Dyke; Pegmatitic";"I2H; Dyk; PEG";Dyke de pegmatite monzonitique;
51.84	55.00	I3Am **Melanocratic Gabbro** Melanogabbro avec réseau anastomosé de gabbro à grains fins (mingling).
51.84	52.10	I2H **Monzodiorite** 1;Monzodiorite;I2H;Injections irrégulières dans le gabbro;
52.41	52.73	I2H **Monzodiorite** Monzodiorite;I2H;Monzodiorite à contact diffus avec le mélanogabbro dû à du mongling (?);
54.20	54.27	I3A **Gabbro;** Gabbro; Fine grains";"I3A; FIN";Passée de gabbro à grains fins dans le mélanogabbro;
55.00	55.65	I3Am **Melanocratic Gabbro** Melanogabbro avec passage à un facies à grains grossiers à 55.40.

		Description
55.40	55.65	I3Am
		Melanocratic Gabbro
		Melanocratic Gabbro; Coarse grained";"I3Am; Coarse";Faciès à grains grossiers;
55.65	56.00	I4B
		Hornblendite (meta-pyroxenite)
		Passée de métapyroxénite.
56.00	56.80	I3Am
		Melanocratic Gabbro
		Passée de melanogabbro à grains grossiers.
56.80	60.95	I4B
		Hornblendite (meta-pyroxenite)
		Non déformée; à grain moyen
58.00	58.20	I3Am
		Melanocratic Gabbro
		Melanocratic Gabbro; Fine grains";"I3Am; FIN";Passée de melanogabbro à grains fins;
60.95	61.43	M25
		Mylonite
		Superbe mylonite (photo prise) montrant des lamines millimétriques de calcite blanche et des indicateurs cin.matiques.
61.43	67.17	I3Am
		Melanocratic Gabbro
		Mélanogabbro contient des passées décimétriques de méta-pyroxénite. Il devient graduellement déformé et mylonitisé en descendant dans le forage.
62.13	62.43	I4B
		Hornblendite (meta-pyroxenite)
		Hornblendite (meta-pyroxenite);I4B;Passée dans le mélanogabbro;
65.14	65.68	I4B
		Hornblendite (meta-pyroxenite)
		Hornblendite (meta-pyroxenite); Medium grained; Coarse grained";"I4B; MedGrain; Coarse";Métapyroxénite modérément déformée;
67.17	74.10	I4B
		Hornblendite (meta-pyroxenite)
		Méta-pyroxénite et melanogabbro modérément déformée à trèsdéformés.
68.70	68.73	I2Em
		Monzonite
		Monzonite; Pegmatitic";"I2EM; PEG";Petite passée de 3 cm de largeur;

		Description
70.70	71.20	I3Am **Melanocratic Gabbro** Melanocratic Gabbro; Mylonitisé";"I3Am; Myl";Melanogabbro présentant un rubanement mylonitique au 2 mm;
72.00	72.75	I3Am **Melanocratic Gabbro** Melanocratic Gabbro; Cisaillé";"I3Am; Cisa";Melanogabbro modérément cisaillé;
72.75	73.25	I4B **Hornblendite (meta-pyroxenite)** Hornblendite (meta-pyroxenite); Mylonitisé";"I4B; Myl";Zone mylonitisée reprenant de la metapyroxénite;
73.25	73.75	I4B **Hornblendite (meta-pyroxenite)** Mylonitisé; Hornblendite (meta-pyroxenite); Melanocratic Gabbro";"Myl; I4B; I3Am";Zone où la mylonitisation devient plus intense;
73.75	74.05	I4B **Hornblendite (meta-pyroxenite)** Hornblendite (meta-pyroxenite); Coarse grained; Brèche magmatique";"I4B; Coarse; Br magma";Brèche magmatique à clastes centimétriques arrondis de metapyroxénite dans une matrice semi-massive de pyrrhotite et de chalcopyrite;
74.10	76.40	M25 **Mylonite** Zone mylonitisé dans laquelle des lambeaux de monzonite pegmatitique sont entremêlés avec du melanogabbro complétement écrasé et démembré.
76.40	79.75	I3A **Gabbro** Gabbro; à grain moyen. La mylonitisation décroit tr`s rapidement de 76,40 à 76,5m. Ensuite suit un gabbro à grains moyens équigranulaire à légèrement folié légèrement grenatifère (=10%).
79.75	80.55	I1G **Pegmatite** Pegmatite monzonitique non cataclasée ni mylonitisée ce qui contraste fortement avec la zone de mylonite de 74,10 à 76,40.
80.55	92.70	I3A **Gabbro** Metagabbro massif équigranulaire à grains moyens présentant des concentrations variables de grenat.
81.17	81.34	I2Em **Monzonite** Monzonite; Coarse grained";"I2EM; Coarse";Pegmatite monzonitique;
81.39	81.54	I2Em

		Description
		Monzonite
		Monzonite; Coarse grained";"I2EM; Coarse";Pegmatite monzonitique;
81.68	81.75	I2Em
		Monzonite
		Monzonite; Pegmatitic";"I2EM; PEG";Pegmatite monzonitique;
82.00	82.07	I2Em
		Monzonite
		Monzonite; Pegmatitic";"I2EM; PEG";Pegmatite monzonitique;
82.20	82.60	I2Em
		Monzonite
		Monzonite; Pegmatitic";"I2EM; PEG";Pegmatite monzonitique;
83.18	83.26	I2Em
		Monzonite
		Monzonite; Pegmatitic
84.60	86.84	I3A
		Gabbro
		Faciès riche (= 20%) en grenat; Gabbro;Grenat ++; I3A";Gabbro riche en grenat;
86.84	87.05	I3Am
		Melanocratic Gabbro
		Melanocratic Gabbro; Coarse grained, I3Am; Coarse ;Passée de melanogabbro grenu Minéralisé en chalcopyrite (0.4%) et en pyrrhotite (0.5%) disséminées; grenatifère
87.05	89.17	I3A
		Gabbro
		Gabbro; Faciès riche (= 20%) en grenat";"I3A; Grenat ++";Gabbro riche en grenat;
89.17	89.25	I2Em
		Monzonite
		Monzonite; Coarse grained";"I2EM; Coarse";Pegmatite;
90.00	92.66	I3A
		Gabbro
		Faciès riche (= 20%) en grenat;Grenat ++;Gabbro riche en grenat;
92.70	96.00	I3Al
		Leucocratic Gabbro
		Leucogabbro subtilement rubané.

Zorayda Consulting Ltd

DDH: **GP-17-18**

		Claims title:	2402118	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	
Contractor:	G4 Drilling	Lot:			
Author:	Robin Adair (P. Geol, Geo)	Start date:	4/29/2017	Description date:	5/1/2017
		End date:	4/30/2017		

Collar

Azimuth:	317.0°
Dip:	-45.00°
Length:	96.00

UTM NAD83 z18

East	372077.0000
North	5061014.0000
Elevation	161.8000

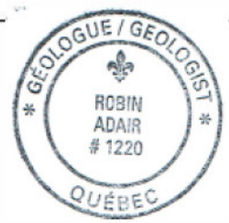
Down hole survey

Type	Depth	Azimuth	Dip	Invalid
EZ-trac	15.00	316.2°	-44.4°	No
EZ-trac	50.00	315.9°	-44.0°	No
EZ-trac	96.00	321.9°	-43.4°	No

Type	Depth	Azimuth	Dip	Invalid

Number of samples: 15
Number of QAQC samples: 1
Total sampled length: 7.25

Description:



Core size: NQ | Cemented: Yes | Stored: Yes

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
0.00	2.00	CSG								
		Casing								
		Casing								
2.00	13.02	I3Al								
		Leucocratic Gabbro								
		Sequence of leucocratic gabbro, fairly uniform, light grey-white (dry), olive green-grey (wet), magnetic throughout. Few garnets, except for patches of fine garnet clouds. Some patches and bands of increased hornblende content. Increasing pegmatites towards lower contact (41.45m).								
2.00	13.02	I3A								
		Gabbro								
		Gabbro, garnetiferous, with strongly garnetiferous patched, magnetic. some of the garnetiferous clouds are mineralized (4.33-4.65) Some areas appear slightlt bleatchd. Bleached area from 12.50-12.54 - mineralized with pyrrhotite.								
2.00	12.50	Grt-s								
		Garnet, strong								
		Well-developed garnet porphyroblasts..								
4.33	4.65	Po05								
		Pyrrhotite 5%								
		Disseminated pyrrhotite . Disseminations are inter-crystalline								
12.50	13.02	Bch								
		Bleaching								
		Unit is bleached, generally light-coloured								
12.50	12.58	Po05								
		Pyrrhotite 5%								
		Disseminated pyrrhotite. Disseminations are inter-crystalline								
13.02	13.23	Flt								
		Fault								
		Brittle fault								
13.02	13.23	Flt								

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
		Leucocratic Gabbro Leucocratic gabbro, garnetiferous and magnetic. 30.41-30.44 intense development of fine cloudy garnet. Some thin wisps and bands of disseminated Po+Cpy up to 1% (ratio 3:1).								
31.91	31.98	I3Am **Melanocratic Gabbro** Melanocratic gabbro, garnetiferous and magnetic. Increased crystal size over previous unit.								
31.98	35.50	I3Al **Leucocratic Gabbro** Leucocratic gabbro, few garnets, magnetic.								
31.98	36.20	Grt-w **Garnet, week** Weakly- developed or sporadic garnet porphyroblasts.								
35.50	35.70	I1G **Pegmatite** Orange-pink pegmatite.								
35.70	36.20	I3Al **Leucocratic Gabbro** Leucocratic gabbro, few garnets and magnetic.								
36.20	36.46	I1G **Pegmatite** Orange-pink pegmatite.								
36.20	40.32	Grt-s **Garnet, strong** Well-developed garnet porphyroblasts.								
36.46	37.23	I3Al **Leucocratic Gabbro** as above								
37.23	37.45	I1G **Pegmatite** Orange-pink pegmatite.								

Description			Assay							
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)	
37.45	39.77	I3Al **Leucocratic Gabbro** Leucocratic gabbro, few garnets and magnetic.								
39.77	39.88	I1G **Pegmatite** Pink pegmatite								
39.88	41.45	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic some orange feldspar appearing, pegmatite from 40.07-40.12.								
40.32	67.55	Grt-s **Garnet, strong** Well-developed garnet porphyroblasts.								
41.45	46.75	I2H **Monzodiroite** Sequence of monzodiorite characterized by pink-orange feldspar and increased pegmatites. The unit is magnetic with fewer garnets. A number of rubble zones and small faults are present throughout the unit.								
41.45	45.34	I2H **Monzodiroite** Similar to previous unit but with slightly increased orange pink K feldspar in the gabbro.								
45.34	45.50	Flt **Fault** Fault, low RQD, broken core, some lost core, poker chip pieces								
45.50	46.20	I2H **Monzodiroite** Similar to previous unit- orange pink K feldspar in the gabbro.								
46.20	46.90	Flt **Fault** Fault, brittle, poker chip core, very poor RQD, 46.85-46.9								

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		mylonitized orange pegmatite.							
46.75	46.85	Flt **Fault** Brittle fault, strongly broken core, and lower recoveries.							
46.85	49.32	I2H **Monzodiroite** Monzodiorite, as per 39.33-46.75m. Fairly abrupt contact.							
46.90	49.32	I2H **Monzodiroite** Similar to previous unit- orange pink K feldspar in the gabbro. Mineralized with disseminated sulphides Po+Cpy 2:1 from 49.13-49.32m.							
49.13	49.32	Po; Cp **Pyrrhotite; Chalcopyrite** Disseminated pyrrhotite and chalcopyrite in ratio of 3:1. Disseminations are inter-crystalline.	49.13	49.32	G0667372	0.19	-0.005	-0.001	0.06
49.32	69.66	I3Al **Leucocratic Gabbro** Sequence of leucocratic gabbro to melanocratic gabbro cycles, in some places almost achieving hornblendite (metapyroxenite) in a few cycles. The mafic component of the cycles becomes stronger downhole. Mingling textures locally devolved. Magnetic throughout, however darker (mafic) components are less magnetic, particularly so where hornblendite is developed. The unit is garnetiferous to strongly garnetiferous with the strongest garnet development as clouds in the leucocratic portions.							
49.32	67.55	I3Al **Leucocratic Gabbro** Leucocratic gabbro, garnetiferous and magnetic. Light-grey (dry), med-dark olive green (wet), grades in to gabbro (slightly darker) towards downhole contact representing a cycle from Leucogabbro to gabbro and approaching melanogabbro.							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
67.55	69.66	I3Al **Leucocratic Gabbro** Leucocratic gabbro, strongly garnetiferous, begins magnetic and then magnetic character drops appreciably. The unit is dominated by leucogabbro, but darkens to melanogabbro and hints of hornblendite (metapyroxenite) towards downhole contact where hornblende content increases. Indication of leucogabbro mingling with darker melanogabbro from 69.05-69.66m. Unit represents a single felsic to mafic cycle.							
67.55	69.66	Grt-m **Garnet, moderate** moderately-developed garnet porphyroblasts.							
69.66	75.18	M1h; Hbldite_melaGabb **Hornblende Gneiss; Hornblendite (+|- melanogabbro)** Sequence of tight cycles as above, but hornblendite (orthopyroxenite) is the end member of each cycle. This is the designated reef marker horizon.							
69.66	70.08	Grt-w **Garnet, week** Weakly- developed or sporadic garnet porphyroblasts.							
69.67	70.08	I3Am **Melanocratic Gabbro** Melanocratic gabbro, moderately garnetiferous, the unit develops strong hornblende content and boarders on hornblendite (metapyroxenite).							
70.08	70.20	I3Al **Leucocratic Gabbro** Leucocratic gabbro, strongly garnetiferous (fine cloudy garnets and magnetic.							
70.08	73.09	Grt-s **Garnet, strong** Well-developed garnet porphyroblasts.							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
70.20	73.09	I3Am	70.20	70.79	G0667373	0.59	0.03	0.01	-0.001
		Melanocratic Gabbro	70.79	71.38	G0667374	0.59	0.01	0.04	0.00
		Melanocratic gabbro to hornblendite (metapyroxenite)	71.38	71.86	G0667375	0.48	0.02	0.01	0.00
		weakly-moderately garnetiferous and very weakly magnetic. Local	71.86	72.21	G0667376	0.35	-0.005	-0.001	-0.001
		patches (distorted bands) of hornblendite (metapyroxenite). Very							
		sharp downhole contact. Orange pegmatite from 71.7-71.86.							
72.21	74.92	Po; Cp	72.21	72.39	G0667377	0.18	-0.005	-0.001	0.00
		Pyrrhotite; Chalcopyrite	72.39	73.09	G0667378	0.70	-0.005	0.00	-0.001
		Disseminated pyrrhotite and chalcopyrite in ratio of 3:1.							
		Disseminations are inter-crystalline.							
73.09	73.44	I4B	73.09	73.44	G0667379	0.35	-0.005	0.02	-0.001
		Hornblendite (meta-pyroxenite)	73.09	73.44	G0667380 (Std)	0.35	0.29	0.63	0.05
		Hornblendite after pyroxenite, very dark, uniform and coarse,							
		equicrystalline (2-3mm). Very sharp upper and lower contacts.							
		Biotite locally developed and traces of disseminated sulphide							
		(Po). Faintly magnetic.							
73.44	73.78	I3Al	73.44	73.78	G0667381	0.34	-0.005	0.00	0.00
		Leucocratic Gabbro							
		Leucocratic gabbro, very weak garnets and moderately magnetic.							
		Traces of biotite.							
73.78	74.92	I3Al	73.78	74.92	G0667382	1.14	0.02	0.00	-0.001
		Leucocratic Gabbro							
		Leucocratic gabbro, weakly garnetiferous and magnetic. Patches							
		of hornblendite (orthopyroxenite), possibly mingling textures.							
74.92	75.18	I4B	74.92	75.18	G0667383	0.26	0.01	0.00	0.01
		Hornblendite (meta-pyroxenite)							
		Hornblendite after pyroxenite, very dark, uniform and coarse,							
		equicrystalline (2-3mm). Very sharp upper and lower contacts.							
		Biotite locally developed. Non-magnetic.							
74.92	75.18	Po							
		Pyrrhotite							
		Disseminated pyrrhotite . Disseminations are inter-crystalline.							

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
75.18	93.10	I3Am **Melanocratic Gabbro** Sequence of melanocratic gabbro, finely-crystalline and fairly uniform throughout. Local gabbro and leucocratic gabbro in bands. Garnet content drops off significantly and unit is magnetic. Mingling textures persevered with leucocratic material (subordinate) mingling with melanocratic (dominant) material.							
75.18	76.10	I3Am **Melanocratic Gabbro** Melanocratic gabbro, weakly magnetic and very evident mingling textures. High percentage of uniform, finely-crystalline (.5-1mm) melanogabbro in a low percentage of more feldspathic (gabbro-leucogabbro).							
76.10	76.76	I1G **Pegmatite** Pink-orange pegmatite.							
76.76	87.06	I3Am **Melanocratic Gabbro** Melanocratic gabbro, same as 75.18-76.10m, uniform unit with some portions exhibiting coarser, hornblende development, approaching hornblendite (orthopyroxenite). Some evidence of mingling texture with leucogabbro.							
87.06	93.31	I3Al **Leucocratic Gabbro** Leucocratic gabbro, weakly garnetiferous and magnetic. Mineralized with trace to 1% disseminated sulphides Po+Cpy (2:1) from 87.36 to 80m. Garnets increase downhole.							
87.36	88.10	Po; Cp	87.36	87.83	G0667384	0.47	-0.005	0.00	-0.001
		Pyrrhotite; Chalcopyrite	87.92	88.10	G0667385	0.18	0.01	-0.001	0.00
		Fine, cloudy pyrrhotite and chalcopyrite in ratio of 3:1, inter-crystalline.							
88.57	88.94	Po; Cp	88.57	88.94	G0667386	0.37	0.01	-0.001	-0.001

Description			Assay						
			From	To	Sample number	Length	Pt (ppm)	Pd (ppm)	Au (ppm)
		Pyrrhotite; Chalcopyrite Fine, cloudy pyrrhotite and chalcopyrite in ratio of 3:1, inter-crystalline.	88.94	90.00	G0667387	1.06	-0.005	-0.001	-0.001
89.15	90.00	Po; Cp **Pyrrhotite; Chalcopyrite** Fine, cloudy pyrrhotite and chalcopyrite in ratio of 3:1, inter-crystalline.							
93.10	96.00	I3A **Gabbro** Gabbro, dramatic coarsening and increase in garnets.							
93.31	96.00	I3A **Gabbro** Gabbro, dramatic, though gradational change from leucogabbro above. Unit is comprised of coarsely-crystalline garnet and fine-medium feldspathic component in a groundmass of very-fine, green amphibole (?). Overall mottled appearance and overall dark green colour.							
93.31	96.00	Grt-s **Garnet, strong** Well-developed garnet porphyroblasts.							

Mineralization2

From	To	Length	TYPE_CODE	MINERAL_SPECIES	MINERAL_...	PY_PER	PO_PER	MT_PER	CPY_PER	
49.13	49.32	0.19	CS	Po+Cpy	1		1		0	
72.21	74.92	2.71	DS	Po+Cpy	1		0		0	
74.92	75.18	0.26	DS	Po	1		1			
87.36	88.10	0.74	CS	Po+Cpy	2		1		1	
88.57	88.94	0.37	CS	Po+Cpy	2		1		1	
89.51	90.00	0.49	CS	Po+Cpy	2		1		1	

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Niton_XRF											
Depth	CA_PER	K_PER	FE_PER	NI_PPM	CU_PPM	CR_PPM	TI_PPM	V_PPM	NI-CU_RATIO	CA-K_RATIO	MAGSUS
2.20	7	0	5	1	1	119	821	1	29	1	14
3.00	2	3	5	1	25	93	1910	1	63	0	1
4.00	3	4	4	1	16	79	1677	1	103	0	1
5.00	1	3	6	1	1	122	2478	119	9	1	0
6.00	3	3	6	1	1	76	3171	142	64	1	1
7.00	2	3	5	1	1	106	3006	82	119	1	1
8.00	2	5	7	1	25	81	3310	1	96	0	1
9.00	3	3	6	1	1	126	3523	96	75	1	1
10.00	2	4	4	1	1	54	1445	60	114	1	1
11.00	3	2	6	1	1	94	3110	86	98	1	2
12.00	3	3	5	1	1	112	4015	1	96	1	1
13.00	1	7	3	1	122	1	1527	1	130	0	0
14.00	2	3	5	1	41	108	2205	1	35	0	1
15.00	2	2	4	1	1	1	2943	75	24	1	1
16.00	2	1	7	1	1	129	2424	73	80	1	2
17.00	3	2	7	1	88	112	4159	110	4	0	2
18.00	3	2	5	1	28	81	2876	1	72	0	1
19.00	3	2	6	1	14	101	2782	90	91	0	2

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DDH:	**GP-17-19**	Claims title:	2402123	Section:	
		Township:	Grand Calumet	Level:	
		Range:		Work place:	Bryson Quebec
Contractor:	Forage G4	Lot:			
Author:	Dr. Michel Gauthier	Start date:	4/29/2017	Description date:	5/1/2017
		End date:	4/29/2017		

Collar

Azimuth:	335.0°
Dip:	-58.00°
Length:	123.00

UTM NAD83 z18

East	372268.0000
North	506165.0000
Elevation	169.5000

Averages - Composites

Zone	From	To	Core length	Horizonta...	Vertical t...	True thic...	

Number of samples:	6
Number of QAQC samples:	1
Total sampled length:	2.80

Description:

Core size: NQ | Cemented: Yes | Stored: Yes

		Description
0.00	2.00	OB
		Mort-terrain
		Mort-terrain.
2.00	56.72	I3A
		Gabbro
		Gabbro homogène localement légèrement folié et localement grenatifère; grain moyen.
6.14	6.22	I2Em
		Monzonite
		Monzonite; Coarse grained; Dyke";"I2EM; Coarse; Dyk";Dyke de monzonite à grains grossiers;
6.68	6.76	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";Passée de gabbro à grains grossiers grenatifère dans le gabbro;
10.00	10.63	I2H
		Monzodiorite
		Monzodiorite;I2H;Passage graduel du gabbro à ce qui semble être une mozodiorite par l'apparition de feldspaht rosé;
12.60	12.75	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";Passée de gabbro grossier au coeur de laquelle on retrouve des lentilles de 4mm de largeur par 1cm de longueur de calcite blanche;
15.02	15.15	I3A
		Gabbro
		Gabbro; Pegmatitic; Dyke";"I3A; PEG; Dyk";De 15.02 à 15.15m. passée de gabbro pegmatitique grenatifère porteur de 1% de pyrrhotite et de 0.2% de chalcopyrite en grains composites centimétriques xénomorphes par rapport aux silicates;
18.65	18.70	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";De 18.65 à 18.70m. Mince (1cm de large) passée de gabbro à grains grossiers orienté à 30 degrés par rapport à l'axe de la carotte. Cette passée est minéralisée en pyrrhotite (2%) et en chalcopyrite (traces) alors que la gabbro à grains moyens adjacent est stérile.;
22.52	22.68	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";Gabbro à grains grossiers;
24.34	24.40	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";Gabbro à grains grossiers;
26.07	26.40	I2H

		Description
		Monzodiorite
		Monzodiorite;I2H;Apparition de feldspath rosé dans le gabbro;
26.63	26.68	I2Em
		Monzonite
		Monzonite; Pegmatitic; Dyke";"I2EM; PEG; Dyk";Dyke de pegmatite;
27.06	27.13	I2Em
		Monzonite
		Monzonite;I2EM;Venue de monzonite à grains moyens dans le gabbro. Au coeur de celle-ci on retrouve une lentille de calcite blanche auréolée de grenat. Cette lentille de calcite fait 8mm par 2.5cm.
30.67	30.73	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";Passée à grains plus grossier dans le gabbro à grains moyens;
30.93	31.10	I2H
		Monzodiorite
		Monzodiorite; Coarse grained";"I2H; Coarse";Passées de mozodiorite dans le gabbro;
34.30	36.15	I2Em
		Monzonite
		Monzonite; Pegmatitic";"I2EM; PEG";Pegmatite monzonitique avec de 35.71 à 35.82m un xenolite riche en pyrite (3%) avec traces de chalcopyrite.;
37.50	37.57	I2Em
		Monzonite
		Monzonite; Coarse grained; Dyke";"I2EM; Coarse; Dyk";Dyke de monzonite dans le gabbro;
39.36	39.48	I2H
		Monzodiorite
		Monzodiorite;I2H;Passée monzodioritique dans le gabbro;
46.55	51.55	I3A
		Gabbro
		Faciès riche (= 20%) en grenat;Grenat ++;Le grenat est abondant ici;
53.32	53.44	I2H
		Monzodiorite
		Monzodiorite;I2H;Passée monzodioritique dans le gabbro;
54.32	54.38	I2H
		Monzodiorite
		Monzodiorite; Medium grained";"I2H; MedGrain";De 54.32-54.38m; passée transitionnelle de monzodiorite dans le gabbro. Cette roche contient 1% de pyrite disséminée;

		Description
54.75	56.50	I3A **Gabbro** Faciès riche (= 20%) en grenat;Grenat ++;Gabbro grenatifère;
56.72	59.06	I3Am **Melanocratic Gabbro** Mélanogabbro avec passée transitionnelle de monzodiorite entre 57.16m et 57.48m.
57.16	57.48	I2H **Monzodiorite** Monzodiorite;I2H;Mélanogabbro avec passée transitionnelle de monzodiorite entre 57.16-57.48m.
57.67	57.88	I3Am **Melanocratic Gabbro** Faciès riche (= 20%) en grenat;Grenat ++;Passée où la granulométrie moyenne du mélanogabbro est décoloré et où le grenat est abondant;
58.73	59.32	I2Em **Monzonite** onzonite; Dyke";"I2EM; Dyk";Dyke de monzonite de 1 cm d'épaisseur; recoupant le melanogabbro. Ce dyke est subparallèle à l'axe de la carotte.
59.06	65.00	I4B **Hornblendite (meta-pyroxenite)** Méta-pyroxénite équigranulaire non-déformée. De 64 à 65m on observe une décroissance radicale de la granulométrie de la pyroxénite d'un faciès à grains moyens à un faciès à grains fins.
59.50	59.61	I2H **Monzodiorite** Monzodiorite; Medium grained";"I2H; MedGrain";Mélanogabbro avec passée transitionnelle de monzodiorite entre 59.50 et 59.61.
59.73	60.24	I2Em **Monzonite** Monzonite; Dyke";"I2EM; Dyk";De 59.73 à 60.24M; dyke de monzonite de 1 cm d'épaisseur recoupant le melanogabbro. Ce dyke est subparallèle à l'axe de la carotte. Il présente une frange de pyrite de 3mm le long de son contact avec le gabbro.;
64.56	64.62	I2H **Monzodiorite** Monzodiorite; Medium grained";"I2H; MedGrain";Monzodiorite à pyrite;
65.00	67.50	I3A **Gabbro** Gabbro homogène non-folié et pas ou peu grenatifère.
65.11	65.54	I2H

		Description
		Monzodiorite
		Monzodiorite; Medium grained";"I2H; MedGrain";Monzodiorite en contact diffus avec le gabbro;
67.50	71.39	I3A
		Gabbro
		Mingling gabbro dans leucogabbro; Beau mingling de gabbro enrobé par du leucogabbro.
69.13	69.19	I2H
		Monzodiorite
		Monzodiorite; Medium grained";"I2H; MedGrain";Monzodiorite en contact diffus avec le gabbro;
69.66	69.68	I2H
		Monzodiorite
		Monzodiorite; Medium grained";"I2H; MedGrain";Monzodiorite en contact diffus avec le gabbro;
70.08	70.27	I2H
		Monzodiorite
		Monzodiorite;I2H;Monzodiorite en contact diffus avec le gabbro;
71.39	107.90	I3A
		Gabbro
		Épaisse séquence de gabbro à grains moyens homogène localement folié montrant une augmentation progressive en grenat en allant vers le fond du trou.
71.79	71.81	I2Em
		Monzonite
		Monzonite; Coarse grained; Dyke";"I2EM; Coarse; Dyk";Dyke de monzonite rose;
72.24	72.38	I2Em
		Monzonite
		Monzonite; Pegmatitic; Dyke";"I2EM; PEG; Dyk";Dyke de monzonite rose à magnétite;
73.80	73.92	I2Em
		Monzonite
		Monzonite; Dyke; Coarse grained";"I2EM; Dyk; Coarse";Dyke de monzonite blanche à magnétite;
75.30	76.00	I3Al
		Leucogabbro;
		Mingling gabbro dans leucogabbro;Ming leuco_gabb;Apparence de mingling du gabbro dans une matrice de leucogabbro;
78.42	78.53	I2H
		Monzodiorite
		Monzodiorite; Medium grained";"I2H; MedGrain";Monzodiorite à contact diffus avec le gabbro;
80.45	80.52	I2H

		Description
		Monzodiorite
		Monzodiorite; Medium grained";"I2H; MedGrain";Contact diffus avec le gabbro;
80.72	80.75	I2Em
		Monzonite
		Monzonite; Medium grained; Dyke";"I2EM; MedGrain; Dyk";Dyke de monzonite rose;
83.84	85.94	I3A
		Gabbro
		Faciès riche (= 20%) en grenat;Grenat ++;Gabbro grenatifère;
85.11	86.11	I3A
		Gabbro
		Gabbro; Coarse grained";"I3A; Coarse";Gabbro tr`s grenatif`re à grains grossiers;
86.11	90.30	I3A
		Gabbro
		Faciès riche (= 20%) en grenat;Grenat ++;Gabbro grenatifère;
90.30	91.80	I2Em
		Monzonite
		Monzonite; Medium grained; Dyke";"I2EM; MedGrain; Dyk";Dyke de monzonite rose;
91.80	97.27	I3A
		Gabbro
		Faciès riche (= 20%) en grenat;Grenat ++;Ce faciès de gabbro grenatifère est à grains grossiers (7mm);
97.27	101.59	I3A
		Gabbro
		Green Gabbro; Foliated";"I3Ag; Folia";Gabbro de couleur verdâtre. Cette coloration semble être dû à des feldspaths verts le minéral vert foncé étant un amphibole;
101.59	107.90	I3A
		Gabbro
		Faciès riche (= 20%) en grenat;Grenat ++;Retour du gabbro grenatifère à grains grossiers (7mm);
107.90	110.12	M16
		Amphibolite
		Roche à amphibole-diopside-calcite (méta-marne épiclastique mafique). Roche calco-silicatée rubanée montrant une alternance sub-centimétrique de bandes mélanocrates à amphibole et diopside et de bandes leucocrates à plagioclase et calcite. Le protolithe anté-métamorphique de cette roche est interprétée comme étant une marne à composante épiclastique mafique. Cette roche est en tout point semblable à celle recoupée dans le forage GP-15-03 de 94 5 à 95 1m de 95.3 à 95.7m de 97.0 à 99.9m et de 100.3 à 102.5m ce qui a été la fin du forage GP-15-03. En 2015 nous hésitions tout comme aujourd'hui entre un méta-marne épiclastique et un gabbro 'bipolaire'. Le XRF portatif montre en 2017 un fort contraste du rapport Ca/K aux environs de 5 dans les gabbros pour passer jusqu'à 192 dans les méta-marnes. C'est ce contraste géochimique qui nous fait maintenant trancher pour

		Description
		une origine métasédimentaire de cette roche. Ceci est renforcé par ce qui semble être un contact intrusif du gabbro dans cette méta-marne à 121.16m.
110.12	110.86	S1Cm **Meta-arkose** Quartzo-feldspathique méta-arkose à grains fins homogène; grise à grains fins ne présentant pas de litage attenante au faciès de méta-marne épiclastique mafique (roche à amphibole-diopside-calcite).
110.86	112.94	M16 **Amphibolite** Roche à amphibole-diopside-calcite (méta-marne épiclastique mafique). Même description que l'intervalle de 107.9-110.2m.
112.94	113.10	S1Cm **Meta-arkose** Quartzo-feldspathique; méta-arkose; homogène; grise; à grains fins; ne présentant pas de litage attenante au faciès de méta-marne épiclastique mafique (roche à amphibole-diopside-calcite).
113.10	114.63	M16 **Amphibolite** Roche à amphibole-diopside-calcite (méta-marne épiclastique mafique). Même description que l'intervalle de 107.9-110.2m.
114.17	114.21	I3Am **Melanocratic Gabbro** Melanocratic Gabbro; Coarse grained; Dyke";"I3Am; Coarse; Dyk";Dyke de mélanogabbro à grains grossiers. Ce dyke recoupe à 10 degré le rubanement de la roche à amphibole-diopside-feldspath-calcite (méta-marne épiclastique mafique);
114.49	114.63	I2Em **Monzonite** Monzonite; Dyke";"I2EM; Dyk";Dyke de monzonite recoupant le rubanement de la méta-marne (roche à amphibole-diopside-feldspath-calcite);
114.63	115.00	S1Cm **Meta-arkose** Quartzo-feldspathique méta-arkose. Même description que l'intervalle de 110.12-110.86.
115.00	118.37	M16 **Amphibolite** Roche à amphibole-diopside-calcite (méta-marne épiclastique mafique). Même description que l'intervalle de 107.9-110.2m.
118.37	119.93	S1Cm **Meta-arkose** Quartzo-feldspathique méta-arkose. Même description que l'intervalle de 110.12-110.86.
119.93	122.16	I3A **Gabbro**

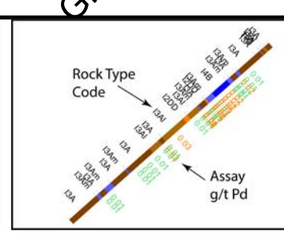
		Description
		Gabbro; folié. Roche melanocrate riche en amphibole ayant un rapport Ca/K de 5 à 8 selon le XRF. Il semble s'agir d'un méta-gabbro. Celui-ci présente une déformation et une foliation significative. Cependant de 121.4 à 122.10 il semble y avoir préservation de mingling à savoir du leuco-gabbro enrobant du gabbro. De 122.10 à 122.16 il y a présence d'une frange de monzonite qui marque sur 2cm la limite entre le gabbro et la méta-marne. Ce contact recoupe le rubanement de la méta-marne. Donc le gabbro semble être intrusif dans la méta-marne.
120.51	120.67	I2Em **Monzonite** Monzonite; Fine grains; Dyke";"I2EM; FIN; Dyk";Dyke de monzonite de 2cm d'épaisseur parall`le à l'axe de la carotte.;
122.10	122.16	I2Em **Monzonite** Monzonite; Fine grains";"I2EM; FIN";Faciès de transition entre le gabbro et la méta-marne épiclastique mafique;
122.16	122.33	M16 **Amphibolite** Roche à amphibole-diopside-calcite (méta-marne épiclastique mafique). Même description que l'intervalle de 107.9-110.2m.
122.33	122.75	I3Am **Melanocratic Gabbro** Roche melanocrate massive.
122.75	123.00	M16 **Amphibolite** Roche à amphibole-diopside-calcite (méta-marne épiclastique mafique). Même description que l'intervalle de 107.9-110.2m.

APPENDIX VII : Drill Sections

50 S
100 S
150 S
200 S
150 ELEV
100 ELEV
50 ELEV
CSG
M16
Flt
M16
M52
M16
M52
0.01
M16
M16f
M16f
I3A
M52
M52
M63
M63
GP-17-10

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



- 0.009 - 0.02 g/t Pd
- 0.02 - 0.05 g/t Pd
- 0.05 - 0.10 g/t Pd
- > 0.10 g/t Pd

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ROBIN ADAIR # 1220
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GPd Property - Diamond Drill Section

Section 20000NE

Lithology and Pd g/t assays displayed

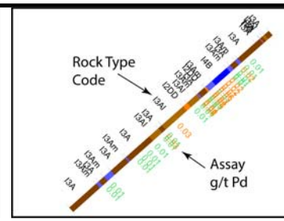
Target - Pd horizon, soil geochemistry

Dec 16, 2017

300 S
350 S
400 S
450 S
150 ELEV
100 ELEV
GP-17-12
GP-17-11
I3A
I3Al
I4B
0.01

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



- 0.009 - 0.02 g/t Pd
- 0.02 - 0.05 g/t Pd
- 0.05 - 0.10 g/t Pd
- > 0.10 g/t Pd

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GPd Property - Diamond Drill Section

Section 20200NE
Lithology and Pd g/t assays displayed
Target - Pd horizon, soil geochemistry
Dec 16, 2017

300 S
350 S
400 S
450 S
150 ELEV
100 ELEV
OB
CSG
I2H
I1Ba
I3A
I3AI
I3AM
I3AN
I3AO
I3AP
I3AQ
I3AR
I3AS
I3AT
I3AU
I3AV
I3AW
I3AX
I3AY
I3AZ
I3BA
I3BB
I3BC
I3BD
I3BE
I3BF
I3BG
I3BH
I3BI
I3BJ
I3BK
I3BL
I3BM
I3BN
I3BO
I3BP
I3BQ
I3BR
I3BS
I3BT
I3BU
I3BV
I3BW
I3BX
I3BY
I3BZ
I3CA
I3CB
I3CC
I3CD
I3CE
I3CF
I3CG
I3CH
I3CI
I3CJ
I3CK
I3CL
I3CM
I3CN
I3CO
I3CP
I3CQ
I3CR
I3CS
I3CT
I3CU
I3CV
I3CW
I3CX
I3CY
I3CZ
I3DA
I3DB
I3DC
I3DD
I3DE
I3DF
I3DG
I3DH
I3DI
I3DJ
I3DK
I3DL
I3DM
I3DN
I3DO
I3DP
I3DQ
I3DR
I3DS
I3DT
I3DU
I3DV
I3DW
I3DX
I3DY
I3DZ
I3EA
I3EB
I3EC
I3ED
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I3EH
I3EI
I3EJ
I3EK
I3EL
I3EM
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I3EO
I3EP
I3EQ
I3ER
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I3ET
I3EU
I3EV
I3EW
I3EX
I3EY
I3EZ
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I3FF
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I3XT
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I3XW
I3XX
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I3YB
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I3YD
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I3YH
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I3YN
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I3YS
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I3YU
I3YV
I3YW
I3YX
I3YY
I3YZ
I3ZA
I3ZB
I3ZC
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I3ZE
I3ZF
I3ZG
I3ZH
I3ZI
I3ZJ
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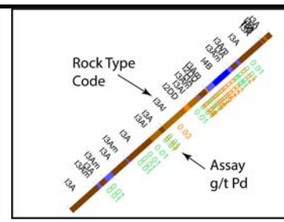
I3ZL
I3ZM
I3ZN
I3ZO
I3ZP
I3ZQ
I3ZR
I3ZS
I3ZT
I3ZU
I3ZV
I3ZW
I3ZX
I3ZY
I3ZZ
I2H
I2J
I1G
I3Ag
I1Ba
I3Al
0.01
0.07
0.02
GP-15-07
GP-17-13

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



- 0.009 - 0.02 g/t Pd
- 0.02 - 0.05 g/t Pd
- 0.05 - 0.10 g/t Pd
- > 0.10 g/t Pd

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GPd Property - Diamond Drill Section

Section 20300NE

Lithology and Pd g/t assays displayed

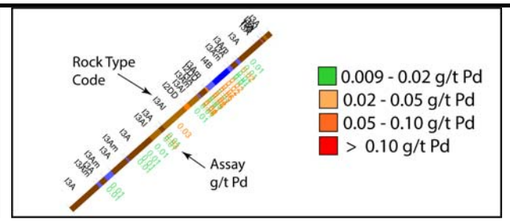
Target - Pd horizon, soil geochemistry

Dec 16, 2017

300 S
350 S
400 S
450 S
150 ELEV
100 ELEV
CSG
GP-17-14
GP-15-05
Flt
I3Al
I3A
I4B
I3Am
I2EM
0.02

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



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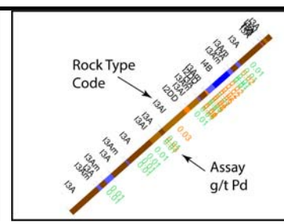
GPd Property - Diamond Drill Section

Section 20400NE
Lithology and Pd g/t assays displayed
Target - Pd horizon, soil geochemistry
Dec 16, 2017

300 S
350 S
400 S
450 S
500 S
150 ELEV
100 ELEV
CSG
I3Al
Flt
I2H
I4B
I3Am
I3A
0.01
0.01
0.02
GP-17-18

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



- 0.009 - 0.02 g/t Pd
- 0.02 - 0.05 g/t Pd
- 0.05 - 0.10 g/t Pd
- > 0.10 g/t Pd

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GPd Property - Diamond Drill Section

Section 20700NE

Lithology and Pd g/t assays displayed

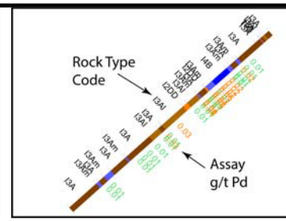
Target - Pd horizon, soil geochemistry

Dec 16, 2017

300 S
350 S
400 S
450 S
500 S
150 ELEV
100 ELEV
GP-17-15
GP-17-16
GP-17-17
I3A
I4B
I3Am
M25
I3Al
I1G
HW Gabbro
Pd Horizon
FW Gabbro

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



- 0.009 - 0.02 g/t Pd
- 0.02 - 0.05 g/t Pd
- 0.05 - 0.10 g/t Pd
- > 0.10 g/t Pd

GÉOLOGUE / GÉOLOGIST
ROBIN ADAIR # 1220
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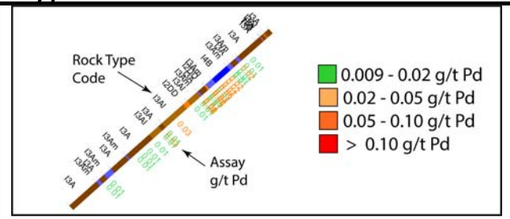
GPd Property - Diamond Drill Section

Section 21000NE
Lithology and Pd g/t assays displayed
Target - Pd horizon, soil geochemistry
Dec 16, 2017

350 S
400 S
450 S
500 S
150 ELEV
100 ELEV
OB
I3A
I3Am
I4B
0.01
0.09
M16
S1Cm
P-17-19

Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



GÉOLOGUE / GEOLOGIST
ROBIN ADAIR # 1220
QUÉBEC

SPHINX

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GPd Property - Diamond Drill Section

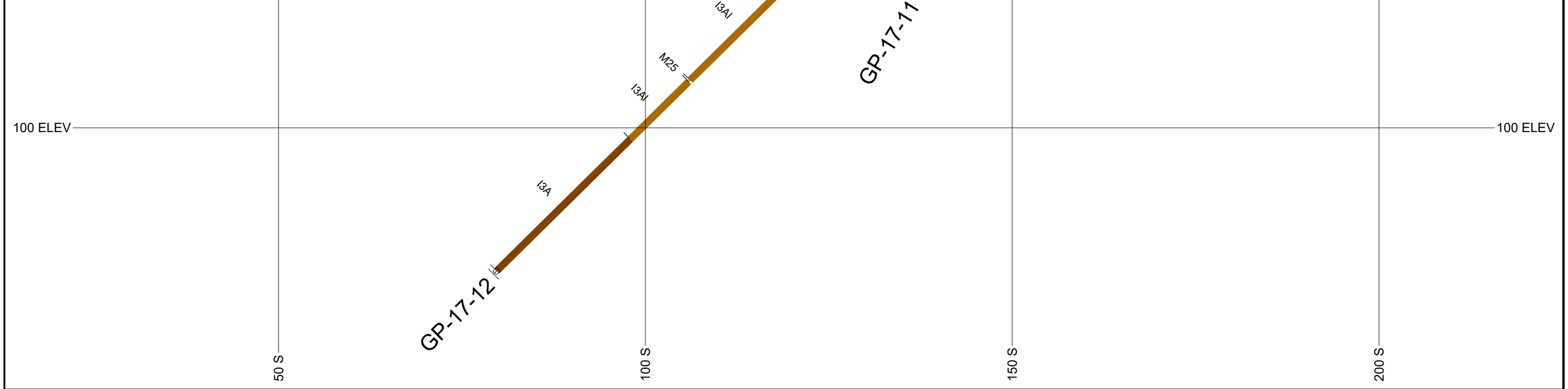
Section 21000NE
Lithology and Pd g/t assays displayed
Target - Pd horizon, soil geochemistry
Dec 16, 2017

50 S
100 S
150 S
200 S

150 ELEV
100 ELEV

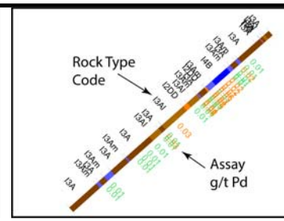
CSG
CSG
I3Al
I3Al
I3A
I3Am
I3Al
I3A
I3Al
I4B
I3Al
I3Al
I4B
I3Al
I3A
I3Al
I1G
I3Am
I3Al
I3A
I3Al
I3Al
M25
I3Al
I3A
GP-17-11
GP-17-12

0.01
0.01



Primary Rock Type Legend

- Monzodiorite
- Leucocratic Gabbro
- Melanocratic Gabbro
- Meta-pyroxenite
- Gabbro
- Amphibolite - mafic lapilli tuff
- Metasedimentary rocks



- 0.009 - 0.02 g/t Pd
- 0.02 - 0.05 g/t Pd
- 0.05 - 0.10 g/t Pd
- > 0.10 g/t Pd

GÉOLOGUE / GEOLOGIST
ROBIN ADAIR # 1220
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GPd Property - Diamond Drill Section

Section 21000NE
Lithology and Pd g/t assays displayed
Target - Pd horizon, soil geochemistry
Dec 16, 2017