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**ASSESSMENT REPORT ON
2015 ICE DRILLING
BORDEN GOLD PROJECT**

**BORDEN TOWNSHIP
PORCUPINE DISTRICT, ONTARIO**

Submitted to:
Geoscience Assessment Office
Ministry of Northern Development and Mines
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For
Probe Mines Limited

Date: 17 August 2015

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INTRODUCTION

In February and March 2015, Probe Mines Limited completed an ice drilling program on the Borden Gold Project. This report describes the results of four (4) diamond drill holes that were completed during this program.

A surface gold showing was present on the Borden Gold Project and had been identified over an area 150 metres long by up to 45 metres wide, hosted by a highly altered and metamorphosed suite of rocks within the volcano-sedimentary horizon. Grab samples from selected outcrop returned values of up to 3.4 g/t gold, and the property is considered to have excellent potential to host a low-grade, bulk tonnage-type gold deposit. Limited exploration work investigating the base metal potential of the volcanic horizon was previously undertaken by Noranda. Sulphide mineralized felsic fragmental units were identified which returned anomalous base metal concentrations, suggesting good potential for hosting volcanogenic massive sulphide ("VMS") deposits.

In July 2010, an initial drill program on the Borden Gold Project was completed to test the extent of the surface showing. Results indicated that there was excellent potential to host a low-grade, bulk tonnage gold deposit on the property. Additional drilling on the property continued to illustrate this potential and in late 2012 a High Grade Zone (HGZ) was intersected in the southeastern area of the deposit. In June 2014, Probe released an updated NI 43-101 compliant Resource Estimate on the Borden Gold Deposit which outlined a High-grade Underground Resource as well as an Open pit-constrained Resource. The High-Grade U/G is estimated to contain a constrained Indicated Resource of 1.60 million ounces of gold averaging 5.39 g/t Au and an additional constrained Inferred Resource of 0.43 million ounces of gold averaging 4.37 g/t Au, at a 2.5 g/t Au cut-off grade. In addition, the deposit is estimated to contain an Open pit-constrained Resource of 2.32 million ounces of gold averaging 1.03 g/t Au, at a 0.5 g/t Au cut-off grade.

Previous assessment for the first stage drilling on the Borden Gold project was filed under work report W1060.02610 in November 2010. Additional drilling has been filed since then in a number of assessment reports from 2012 to 2015.

The Borden Gold project is located in the Borden and Cochrane Townships, approximately 9 km east-northeast of the town of Chapleau, Ontario. The East Limb property, is located approximately 20 kilometres east of the Borden Gold project. As of 10 December 2014, Probe Mines acquired a large tract of patent claims located in between the Borden and East Limb projects. As such the two projects are now contiguous, extending a distance of 68 km. In March 2015, Goldcorp Inc. purchased 100% of Probe Mines Limited.

All maps coordinates are UTM Nad 83, Zone 17. All costs are in Canadian dollars.

LOCATION AND ACCESS

The Borden Gold project is located in the Borden Lake area of the 1:50,000 NTS topographic sheet 41O/14, approximately 160 km southwest of the city of Timmins and 9 km east-northeast of the town of Chapleau, Ontario (Figure 1). Access to the property is via Highway 101. The East Limb property, is located approximately 20 kilometres east of the Borden Gold project. As of 10 December 2014, through its acquisition of Boises Landrienne Inc, Probe Mines acquired a large tract of patent claims in between the Borden and East Limb projects. As such the two projects are now contiguous, extending a distance of 68 km (Figure 2).

The current report details work applicable to unpatented claims 4242560 and 4249712 located in Borden Township.

The amount of credits applied from the work completed as detailed in this report is \$402,679 and is being used towards keeping the project claims in good standing.

Mineral Claim information is displayed in Table 1.

Table 1 – Unpatented Claim Information

Mineral Claim	District	Claim Due Date	Township	G-Plan	NTS	Units
4249712	POR	September 22, 2017	BORDEN	G-1056	41O14	8
4242560	POR	September 13, 2017	BORDEN	G-1056	41O14	15

GEOLOGY

The Borden Gold Project is located in the Superior Province of Northern Ontario. The Superior Province is divided into numerous Subprovinces, bounded by linear faults and characterized by differing lithologies, structural/tectonic conditions, ages and metamorphic conditions. The Subprovinces are divided into 4 categories: Volcano-plutonic; Metasedimentary; Gneissic/plutonic; and High-grade gneissic (Thurston, 1991). The rocks range in age from 3.5Ga to less than 2.76 Ga and form an east-west trending pattern of alternating terranes.

Regionally (Figure 3), the Kapuskasing Structural Zone (KSZ), an elongate north to northeast trending structure, transects the Wawa Subprovince to the west, and the Abitibi Subprovince to the east. The KSZ is approximately 500km long, extending from James Bay at its northeast end to the east shore of Lake Superior at its southwest end. Typically the KSZ is represented by high metamorphic grade granulite and amphibolite facies paragneiss, tonalitic gneisses and anorthosite-suite gneisses occurring along a

moderate northwest dipping crustal scale thrust fault believed to have resulted from an early Proterozoic event (Percival and McGrath 1986).

The Wawa and Abitibi Subprovinces, which abut the KSZ, are volcano-plutonic terranes comprising low metamorphic grade metavolcanic-metasedimentary belts. They contain lithologically diverse metavolcanic rocks with various intrusive suites and to a lesser extent chemical and clastic metasedimentary rocks. The individual greenstone belts within the subprovinces have been intruded, deformed and truncated by felsic batholiths. The east trending Abitibi and Swayze greenstone belts of the Abitibi subprovince have historically been explored and mined for a variety of commodities; while the Wawa subprovince hosts the east-trending Wawa greenstone belt and the Mishibishu greenstone belt where much exploration and mining has occurred.

Several alkali rocks such as carbonatite complexes along with lamprophyric dykes intruded along the KSZ, approximately 1022 to 1141 Ma ago. The carbonatite occurrences appear to display close spatial relationships with major northeast-striking shear zones. Proximal to the project area, on the northern side of the KSZ, three (3) such complexes are known to occur. These include the Borden Township carbonatite complex, the Nemegosenda Lake alkalic complex; and the Lackner Lake alkalic complex.

LOCAL GEOLOGY

The Borden Lake greenstone belt is in Borden and Cochrane Townships. It is a west trending belt of supracrustal rocks, approximately 3 km wide, that includes mafic to ultramafic gneiss, pillow basalt, felsic metavolcanic rocks, felsic porphyries and tonalites which are overlain by a +30 m thick suite of Timiskaming-aged clastic metasediments (Moser 1989, Moser 1994, Moser 2008, Percival 2008). The metasediments comprise greywackes, arkose, arenite, quartz pebble conglomerate and polymictic cobble conglomerate, metamorphosed to upper amphibolites facies. Gneissic fabrics are evident and the rocks appear to have been affected by regional deformation. Several episodes of deformation are reflected in the structural imprint of the rocks, with the last deformation being related to the development of the KSZ.

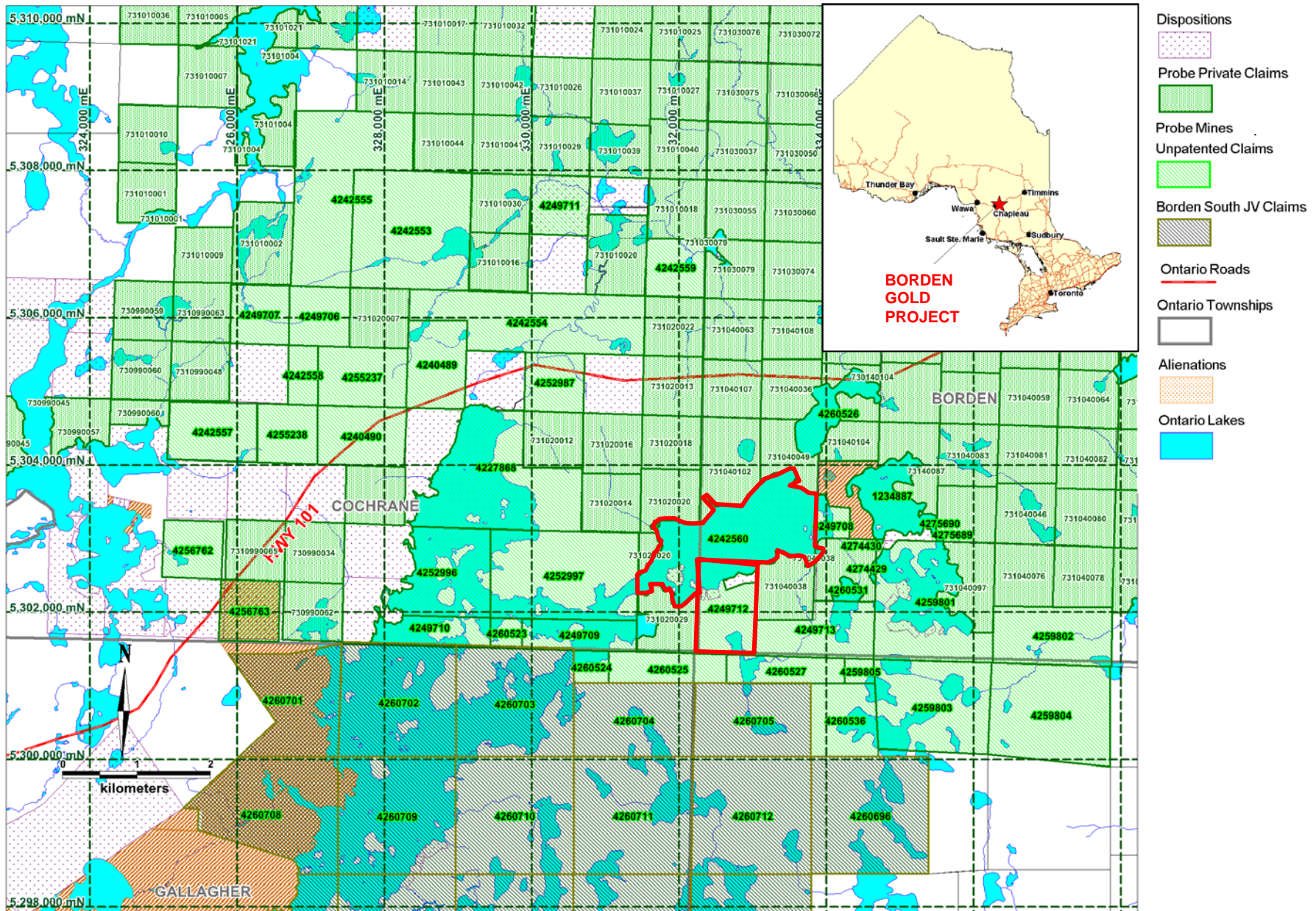


Figure 1- Location of the Borden Gold Project Claims (claims that are the subject of this report are outlined in red)

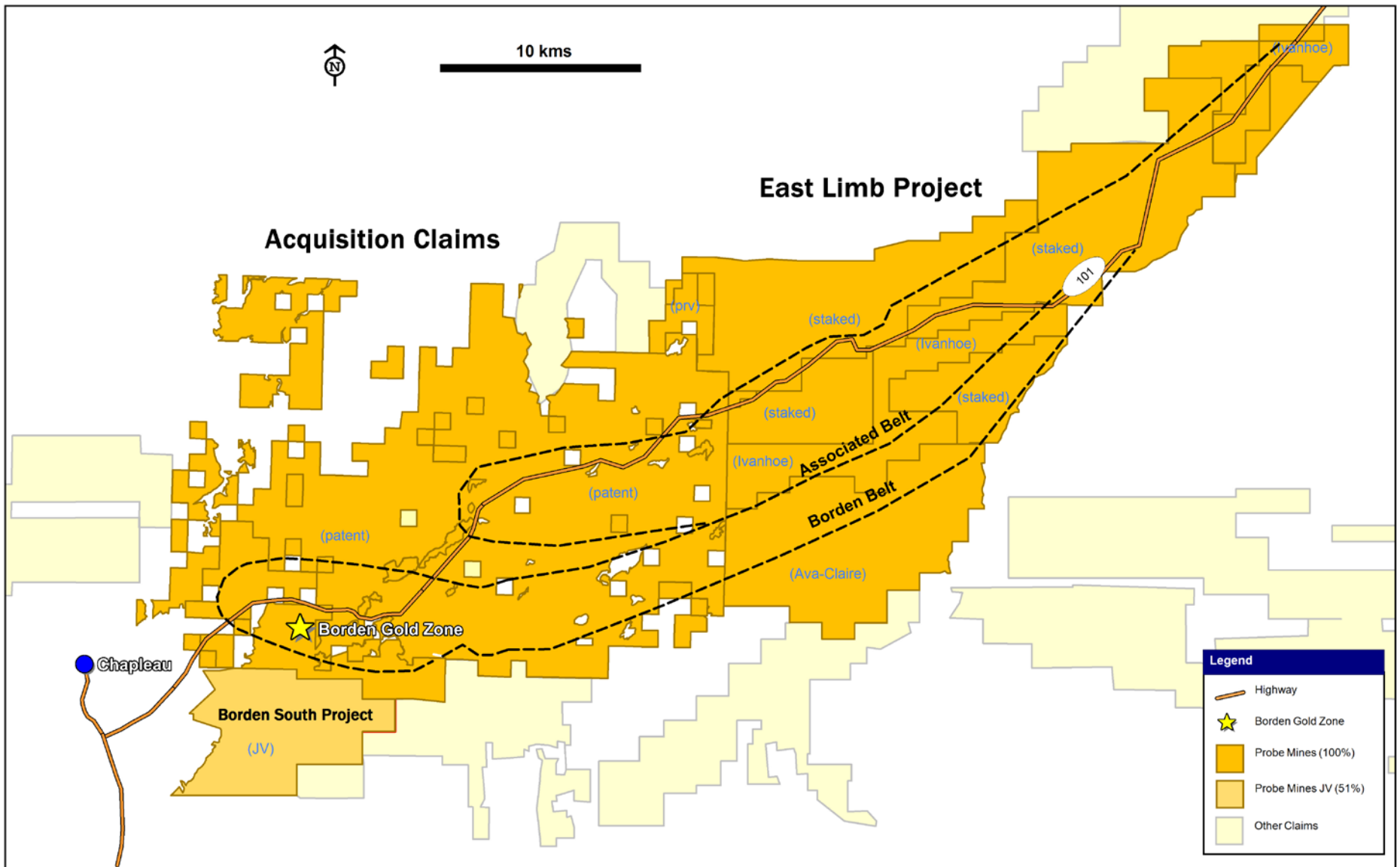


Figure 2- Regional Land Position

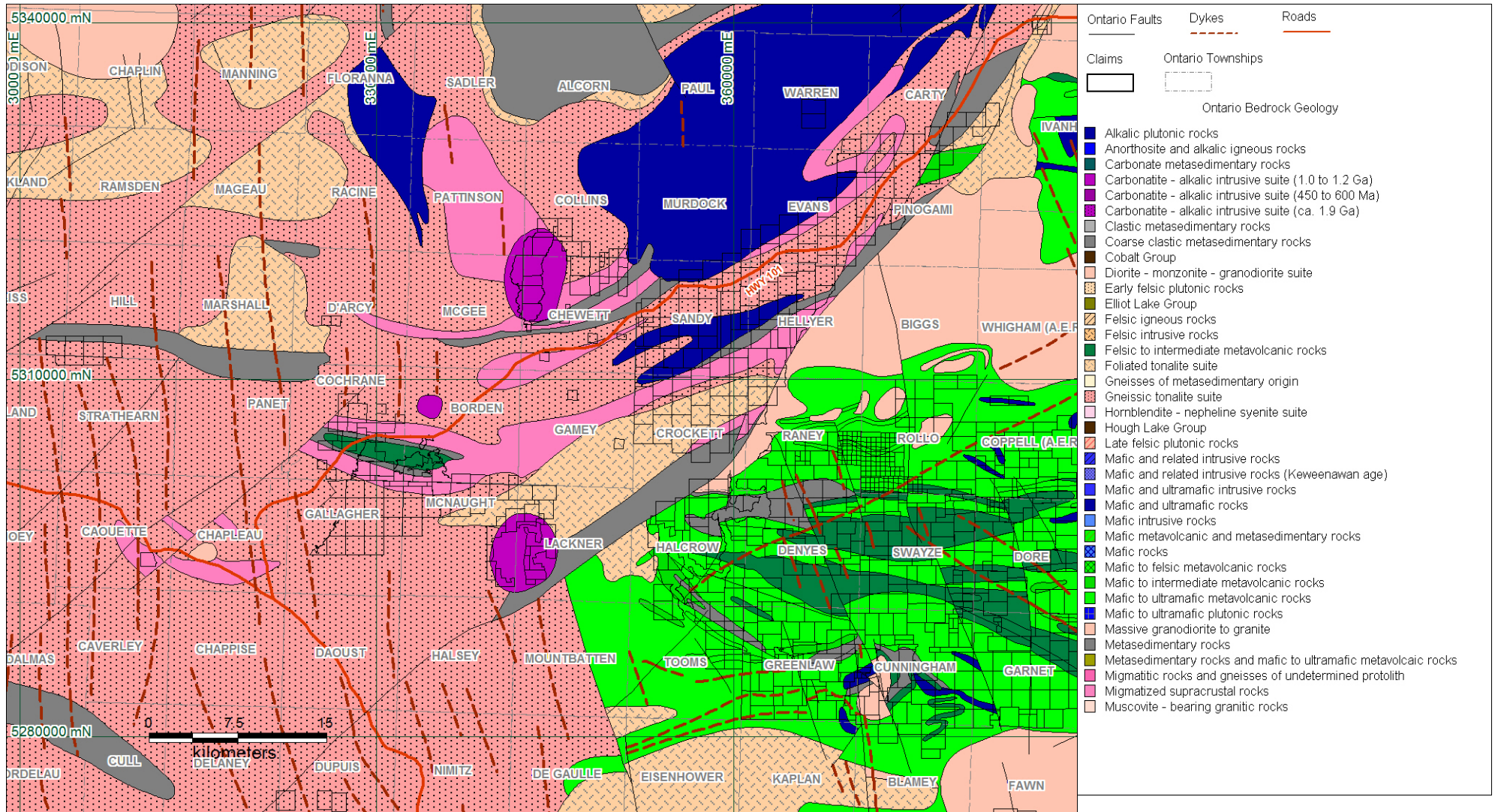


Figure 3 – General Geology of the Borden Gold Project Area

PREVIOUS WORK

Minimal previous work has been completed on the property. In the early to mid 1980s Noranda Exploration Co. Ltd. carried out an exploration program in the west-northwest section of the project area. The program consisted of geological mapping and geophysical surveys including magnetic and Max-min EM. A drill program was also conducted. AFRIs 41O14SW1003, 41O14SW0003 and 41O14SW0004 detail the results of this work.

Various assessment reports were also filed by M. Tremblay in the early 1990s. Work included VLF surveys, soil geochemical sampling and overburden stripping. The AFRIs that detail the work completed include 41O14SW9179, 41O14SW9180, 41O14SW9184, 41O14SW9200, 41O15NE0001 and 41O14SW0001.

In July 2010, Probe Mines completed a diamond drill program comprising eight holes and totaling 790m on claim number 4227868. An assessment report on the drilling was filed in November 2010 under work report W1060.02610. Results indicated that there is excellent potential to host a low-grade, bulk tonnage gold deposit on the property. A Geotech VTEM survey was flown by Probe Mines between January 5 and January 20 2011. Additional drilling has been filed since then in a number of assessment reports from 2012 to 2015.

DIAMOND DRILLING

In February and March 2015, Probe Mines Limited completed an ice drilling program on the Borden Gold Project. This report describes the results four (4) diamond drill holes with a total meterage of 2519 m. Major Drilling was the drilling contractor. The drillholes were monitored and logged onsite by geologists whom include Christine Shultis, Gordon McFadden, Abby Peterson, Linette Macinnis, Matt Deller, and Tamara Sredojevic. Data compilation was completed by Christine Shultis and Sharon Allan, the latter also being the author of this report.

The drill hole data for the 4 drill holes is summarized in Table 2. The unpatented mineral claim that each hole is located on is also listed in Table 3. In instances where the drill hole crossed a claim boundary, more than one claim is listed with the relevant meterage pertinent to each claim. Figure 4 illustrates the collar locations and hole traces. A larger scale map of these that show greater clarity is located in Appendix I at a scale of 1:4,500.

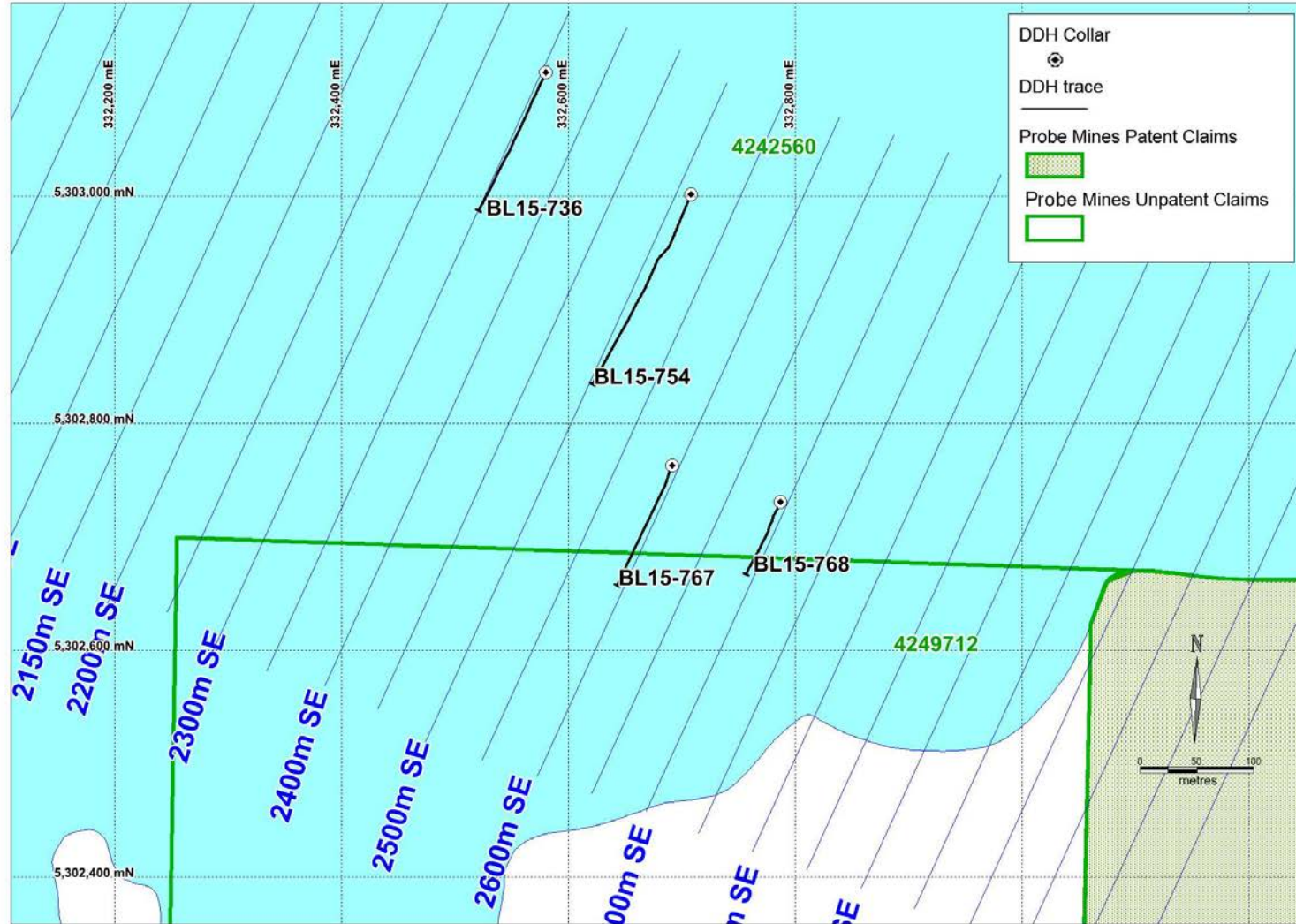


Figure 4 - Diamond Drill Hole Collar Locations and hole traces (see Appendix I for 1:4,500 map)

Table 2 – Diamond drill hole data (NAD 83, Zone 17)

Hole	Depth (m)	UTM East	UTM North	Elevation (m)	Date Started	Date Completed	Azimuth	Dip
BL15-736	648	332580	5303109	428	12/02/2015	18/02/2015	205	-80
BL15-754	620	332708	5303002	428	06/03/2015	13/03/2015	205	-72
BL15-767	600	332691.5	5302763	428	22/03/2015	30/03/2015	205	-77
BL15-768	651	332787	5302731	428	22/03/2015	29/03/2015	205	-85

Table 3 – Drill hole with Claim and applicable metres

Hole	Section	Total Depth	Claim	Metres applicable
BL15-736	2350mSE	648	4242560	648
BL15-754	2500mSE	620	4242560	620
BL15-767	2600mSE	600	4242560	404
			4249712	196
BL15-768	2700mSE	651	4242560	486
			4249712	165

RESULTS

Drill logs are presented in Appendix II and drill hole cross sections in Appendix III. The sections are illustrated at scale of 1:1,000. Each section contains multiple drill holes along lines that are perpendicular to the strike of the deposit and parallel the azimuth of the holes.

All drill holes in this report intersected rock units representative of the Borden Gold deposit.

RECOMMENDATIONS

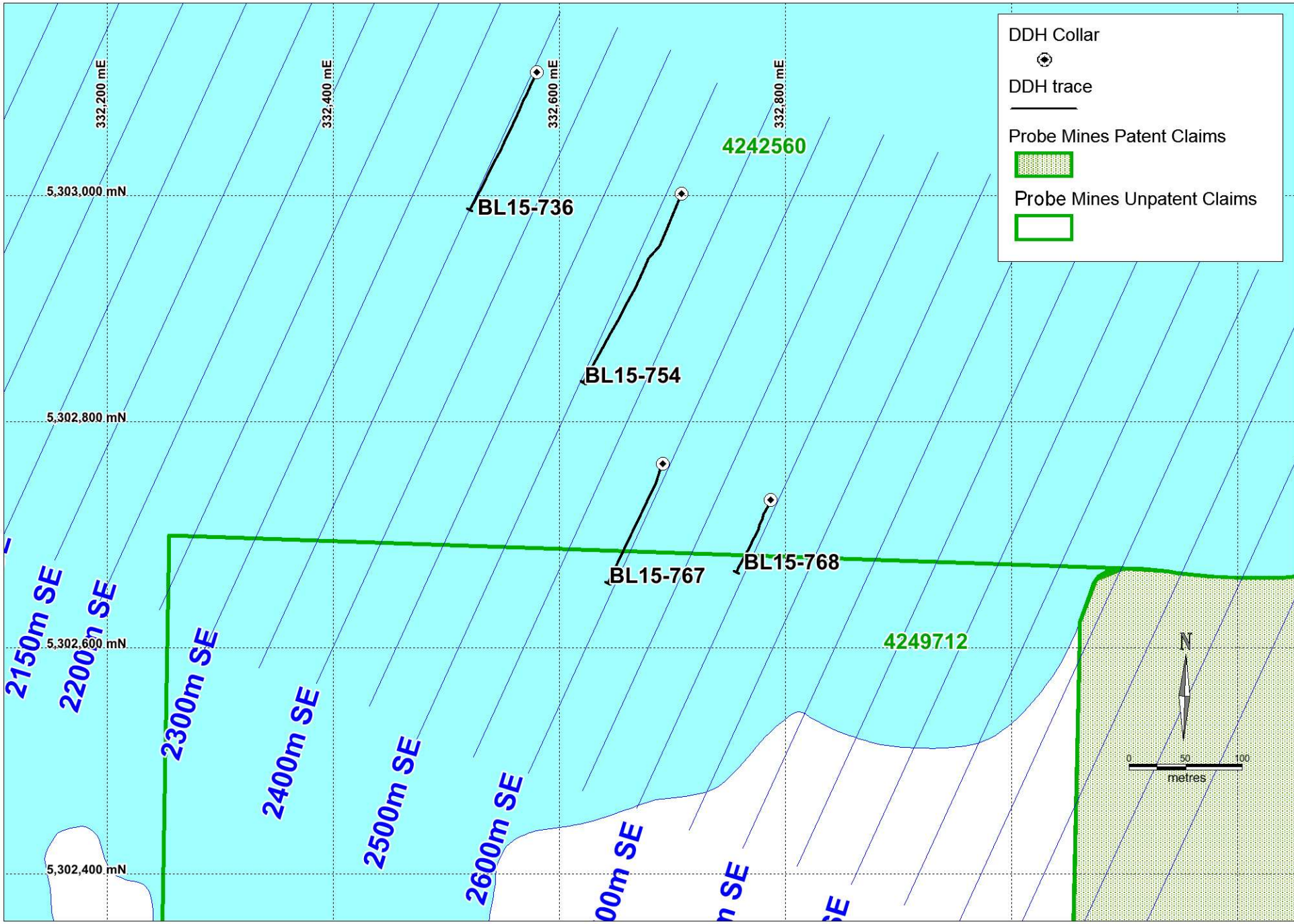
The Borden Gold Deposit remains open along strike in both directions. Ongoing drilling continues to define the deposit. Costs related to the drilling as detailed in this report are being applied to maintain the claims in good standing.

REFERENCES

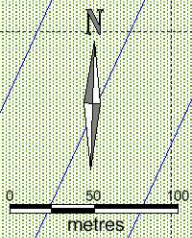
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APPENDIX I

Large Scale Collar Location and Drill hole trace Map (1:4,500)



DDH Collar
●
DDH trace
—
Probe Mines Patent Claims
▨
Probe Mines Unpatent Claims
■



APPENDIX II

Drill logs

PROBE MINES LIMITED							Diamond Drilling Log		Hole No DDH. BL15-736	Page No 1 of 4
Drilling Company	Core Size	Collar Elevation (m)	Bearing of Hole from true North	Total Depth (m)	Dip of Hole At		Location where core stored	Location of DDH (TWP, Lot, Con, LatLong)		
Major	NQ	428	205	648	Collar	-80	Chapleau, Ont	Cochrane Township		
Date Hole Started	Date Completed	Date Logged	Logged By		(m)	degrees	Property Name	Easting	332580	
12/02/2015	18/02/2015	01/08/2015 to 07/08/2015	A. Peterson		(m)	degrees		Northing	5303109	
Exploration Co., Owner or Optionee					(m)	degrees	Borden	Datum	NAD83_Z17	
BORDEN GOLD					(m)	degrees				

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
0.0	81.0	Casing							
81.0	183.0	Diorite	lt grey	FCG		Massive to weakly foliated, mottled light and medium grey with pink. Patchy weak Ksp throughout. Rare PEG throughout, up to 20cm wide.	1		5
183.0	184.7	Pegmatite	lt grey	VCG		Medium pink to 183.70m and then light grey mottled with light pink to the end of the unit. Blocky to brecciated due to fault. Fault is weakly cemented by chlorite altered very fine grained material.			
184.7	296.8	Diorite	lt grey	FMG		Fine grained mafic minerals with medium grained felsic minerals. Massive to very weakly foliated. Intense quartz eyes in strong Ksp alteration from 230-237m, 245.80-247.10m. Gradually gets darker and weakly foliated from 265m onwards.			
296.8	300.8	Quartz Feldspar Porphyry (QFP)	lt grey	FCG		Mottled light grey and black. Fine grained mafics with coarse quartz and feldspar. Feldspar has a very light pink color. Gradational lower contact over 10cm.	5		
300.8	357.3	Diorite	grey	FMG		Mottled light and medium grey, fine grained mafics, medium grained felsic minerals. 1% fine disseminated Pyrite throughout.	2		1
357.3	394.9	Felsic Gneiss (S)	lt grey	FMG		Moderately foliated, mottled light and medium grey. 20% fine grained mafics. Becomes more mafic and borderline amphibolitic from 373.60-?????m with patchy epidote alteration.			3
394.9	397.4	Diorite	dk grey	FMG			1		5

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
397.4	417.9	Felsic Gneiss (S)	lt grey	FMG		Well foliated, 15-20% fine grained mafics, medium grained felsics. 1-3% Py throughout. Few stringers, couple larger veins. Patchy banded silicification.			
417.9	419.7	Amphibolite	green	MG		Short interval of QFP, likely part of the main QFP unit below but there is a block of AMP in between. Either a bifurcation in the contact/dyke somewhere or a xenolith of AMP in QFP.			
419.7	421.6	Quartz Feldspar Porphyry (QFP)	grey	FCG		Mottled black and light grey. Black fine grained mafic minerals, light pink and grey quartz and feldspar. Sharp upper contact, diffuse lower contact.			
421.6	424.8	Amphibolite	green	FG		Banded carbonate and sericite alteration. Trace patchy epidote. Brecciated lower contact.			
424.8	425.8	Felsic Gneiss (S)	lt grey	FG		Mottled pink and grey, fine grained, well foliated. Weak chlorite alteration of mafic minerals, aligned along foliation planes.			
425.8	426.9	Amphibolite	green	FG		Well foliated, possibly carbonate altered matrix giving a greyish color. Sharp lower contact.			
426.9	429.1	Felsic Gneiss (S)	grey	FG		Mottled pink and grey, moderately foliated with 15% fine grained mafics aligned along foliation planes. Somewhat diffuse lower contact.			
429.1	431.7	Amphibolite	green	FMG		Strong chlorite alteration of amphibolite. Well foliated to weakly sheared with fault gouge approx. 5cm thick. Lower contact is diffuse with FGS.			
431.7	460.9	Felsic Gneiss (S)	grey	FMG		Pink and grey in color, fine grained to locally medium grained. Banded and patchy silicification, mostly adjacent to contacts with AMP dykelets. Moderate foliation throughout. Stringers with Ksp haloes throughout. Foliation in AMP and FGS same. Increase i			
460.9	467.9	Diorite	dk grey	FMG		Mottled dark grey and pink, fine grained mafics, medium grained felsic minerals. Weakly foliated with varying abundance of amphibole. Some intervals are borderline amphibolite but the underlying diorite is still well visible.			
467.9	469.7	Felsic Gneiss (S)	grey	FMG					
469.7	473.2	Diorite	grey	FMG			1		
473.2	482.2	Felsic Gneiss (S)	grey	FMG					
482.2	485.9	Diorite	grey	FMG		Higher than usual abundance of amphibole gives the unit an AM/DIO hybrid look. Intermixed with AM. One large vein of bull quartz towards the bottom of the unit.	2		
485.9	491.4	Amphibolite	grey_green	FMG		Banded dark green and medium grey. Weak to moderate foliation parallel to banding. Short intervals of FGS, most <10cm.			
491.4	500.7	Felsic Gneiss (S)	lt grey	FMG		1m of diorite, two small weak shear zones with sericitic and Ksp alteration. Trace Po in and adjacent to a quartz vein at 492.5m. Light to medium grey, 5-7% fine grained mafics, medium grained felsics.	5		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
500.7	505.4	Garnet Biotite Felsic Gneiss	grey	FCG		Fine grained to coarse grained locally. Varying amount of biotite, garnets are patchy and altered to a light grey color except at the top of the unit where they are very coarse and a bright orange-red color. Possibly FGS in the middle of the unit but diffi	25	2	
505.4	514.3	Felsic Gneiss (S)	lt grey	FMG		Thin bands of PEG, little veining, not much alteration. Cut by Diabase dyke.	15		
514.3	519.2	Diorite	grey	FMG		Mottled light grey and pink, medium grained felsic minerals. Fine grained mafic minerals. Few veins or stringers or alteration. Trace to 0.5% disseminated sulfides. Could be FGS but looks more like a foliated DIO. The upper contact is gradational over 1.5	2		
519.2	533.5	Felsic Gneiss (S)	grey	FCG		grey-pink fg-cg wk fol (80dtca, intensity increasing downhole towards faulting) siliceous FGS with apparent dio texture, mod perv KS alt, 0.5% fg-mg diss py, few qz-cb hair vnlt and qz str (3x10cm from 523.3-524.3 with mg mass py on cts) with str hm/ks/	5		
533.5	540.0	Garnet Biotite Felsic Gneiss	dk grey	FCG	POB	fault zone with predominantly dk grey-blk, fg-cg pob GBFG with 1mm GA porphyroblasts through unit with intermixed wk KS alt FGS and shallowly cutting strly carb spotted UMD 20dtca, 2% fg-mg diss bands of py with 1% fg diss po assoc with mafic bands para t	15	3	
540.0	550.9	Felsic Gneiss (S)	grey	FMG		fault zone with grey fg-cg mod-str fol 70dtca FGS ranging from wkly siliceous-mod silicious down hole, 0.5% fg-mg diss py and tr mg mass po prox to qz str cts, wk ser/chl/ksp alt halos along tr cal hair vnlt, qz rich patches prox to faulting at 543.1 and	2		
550.9	556.3	Diorite	black	FMG		black mas-wkly fol 60dtca fg-mg DIO with minor FGS from 554.4-555.2, wk-mod ks alt of fsp, qz-fsp vein with str HM alt of fsp from 551.8-552.2 with tr mg mass py along cts, boudinaged grey qz str 60dtca from 552.4-552.6 with tr mg mass py and mod ks/cl a	5		
556.3	561.8	Felsic Gneiss (S)	grey	FMG		grey fg-mg mod fol 70dtca FGS with minor vcg PEG unit from 556.6-557 and mod cl/ser alt AMP unit from 559.8-560.7, tr fg-mg mass py diss through unit, wk ks alt of qz-cb hair vnlt para to fol, qz-cb vein from 560-560.2 with wallrock inclusions and irreg	2		5
561.8	563.3	Amphibolite	grey	MG		grey, mg str fol (70dtca) AMP, patchy wk chl/ks alt and frac have late carb infill that are stained yellow-orange, 0.5% fg diss py and 0.5% fg diss po para to fol, 2x10cm greenish grey mg-cg qz str 70dtca from 563.1-563.3 with 1% mg mass py blebs and 1%	1		
563.3	565.7	Felsic Gneiss (S)	grey	FMG		grey fg-mg mod fol 60dtca FGS with minor vcg PEG unit from 563.4-564.7, tr fg diss py, wk patchy chl alt, increased strain and str ser/cl/ks alt bands from 564-564.5 along 10cm irreg frac qz-cb vein 60dtca, sharp low ct 65dtca	3		5
565.7	566.9	Amphibolite	green	MG		greenish mg str fol (70dtca) AMP, patchy wk perv cl alt and mod ks alt halos around qz-cb hair vnlt para to fol, 0.5% fg-mg diss py in bands and tr fg diss po para to fol, sharp lower ct 65dtca	2		
566.9	569.0	Pegmatite	pink	CG		pinkish white cg qz-fsp PEG intermixed with qz rich po-bearing FGS from 567.3-567.8, wk patchy cl alt with fractures infilled by carb, PEG has tr mg blebs of py while the FGS unit has 0.5% fg py para to fol 70dtca and 1% mg intergrown po blebs in qz rich	7		95
569.0	570.4	Felsic Gneiss (S)	grey	FMG		grey fg-mg mod fol 60dtca FGS with siliceous patches and cg PEG from 569.2-569.3, tr fg diss euh py, mod bands of ksp/ser/cl alt, sharp low ct 80dtca	5		2

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
570.4	574.5	Garnet Biotite Felsic Gneiss	dk grey	FCG	POB	dk grey-blk, fg-cg pob GBFG with 3mm GA porphyroblasts at top of unit with intermixed AMP, 2% fg-mg diss bands of py with 1% fg diss po assoc with mafic bands para to fol 75dtca, multiple qz-cb vnlt, wk patchy cl/ser alt, sharp low ct 60dtca	15	1	
574.5	587.4	Felsic Gneiss (S)	dk grey	FCG		dk grey fg-cg wk fol 75dtca FGS with apparent dio texture and undeformed qz eyes, wk patchy cl/ser alt, 0.5% fg diss py and tr mg po blebs, few qz vnlt and veins (3x5cm from 575.4-577.7) between 70-75dtca, mod irreg fracturing of core towards low ct, sha	5		
587.4	588.4	Quartz Vein	lt grey	MCG		light grey mg-cg QV (50cm then 2x10cm veins intermixed with FGS from record 39 all having cts 60dtca), internal fracs filled with cl, 1% mg po blebs prox to wallrock inclusions and frac fill intergrown with 0.5% mg blebby py, internal fracs 30-40dtca, sha			
588.4	598.8	Felsic Gneiss (S)	dk grey	FCG		dk grey fg-cg wk fol 75dtca FGS with apparent dio texture and wkly elongated qz eyes, wk patchy cl alt, tr fg diss py, few qz-cb vnlt with wk ksp alt halos, mod irreg fracturing of core towards low ct and shallowly cutting (15dtca) BX with fine grain maf	3		
598.8	599.8	Quartz Vein	lt grey	MG		light grey-white QV (598.8-599.4 and 599.6-599.8) with str cl alt DIO (? very altered and fractured, can only make out fsp phenos) from 599.4-599.6, highly fractured with cal/ksp/cl infill and vcg green and purple subhedral fluorite crystals, 0.5% fmg py			
599.8	610.2	Felsic Gneiss (S)	dk grey	FCG		599.8-604.5 fg black FGS (dio texture) with 5% amp/bio and irreg cb hair vnlt infilling fracs, 604.5-602.8 fmg grey wk cl/ser altd FGS with wkly deformed qz eyes and qz patches, 602.8-610.2 black fg FGS with 5% amp and 1-4mm GA porphyroclasts, tr fg diss	3	1	
610.2	611.3	Amphibolite	black	FG		greenish black, fg wk fol AMP 70dtca, bands of mod ser alt and wk-mod pat cl/ks, tr cal hair vnlt 50dtca, 0.5% mg po blebs in cl patches, sharp lower ct 45dtca	1		
611.3	628.8	Felsic Gneiss (S)	grey	FMG		611.3-619 black fg FGS with 5% amp and 1-4mm GA porphyroclasts, 619-628.8 grey fmg FGS with bx in qz vnlt/strs 60dtca, mod fol 60dtca, tr fg banded po in upper unit, tr fg diss py and fg diss po bands and a po-qz vein 619.3-619.6 in lower unit, sharp low	5		
628.8	634.2	Diorite	dk grey	FCG		grey mas DIO cg-fg down hole with minor PEG unit (cg Ksp, qz and bio) from 630.5-630.9, tr fg diss py, tr cal hair vnlt 50dtca para to slips, sharp low ct 55dtca	7		5
634.2	640.4	Felsic Gneiss (S)	grey			grey fmg mod fol 70-75dtca FGS with tr am, perv ks/ser alt increasing from wk-str downhole towards ct, mafic rich bx in qz strs 70dtca, tr fg diss py and po, increased irreg fracturing towards fault infilled with a vfg black mineral, faulted low ct 55dtca	1		
640.4	643.7	Amphibolite	black			fault zone in greenish black, fg mas AMP, mod perv cl alt, many irreg shallow cal hair vnlt, gouge and rubble from 640.4-640.8 and cemented bx with FGS from 642.1-642.5, slip along sharp lower ct 25dtca	1		
643.7	646.5	Diorite	grey	FCG		grey mas fcg DIO with cg qz, wk perv ks alt, tr fg diss py, tr cal hair vnlt with str ks alt halos, sharp low ct 50dtca	7		
646.5	648.0	Felsic Gneiss (S)	grey	FMG		grey fmg mod fol FGS 60dtca with tr am, wk perv ks/cl alt, mafic rich bx in qz strs 60dtca, few cal hair vnlt with mod ks/ksp/cl alt, tr fg diss py para to fol, EOH=648m	7		

PROBE MINES LIMITED							Diamond Drilling Log		Hole No DDH. BL15-754	Page No 1 of 6
Drilling Company	Core Size	Collar Elevation (m)	Bearing of Hole from true North	Total Depth (m)	Dip of Hole At		Location where core stored	Location of DDH (TWP, Lot, Con, LatLong)		
Major	NQ	428	205	620	Collar	-72	Chapleau Ont	Borden Township		
Date Hole Started	Date Completed	Date Logged	Logged By		(m)	degrees	Property Name	Easting	332708	
06/03/2015	13/03/2015	07/08/2015 to 13/08/2015	T. Sredojevic		(m)	degrees		Northing	5303002	
Exploration Co., Owner or Optionee					(m)	degrees	Borden	Datum	NAD83_Z17	
BORDEN GOLD					(m)	degrees				

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
0.0	37.1	Casing							
37.1	40.5	Diorite				Massive bleached DIO with 5-10% Qtz-KS-veining oriented from 60 to 80tca.	12		
40.5	45.5	UMLAMP Dike	green	MG		Olive green yellowish UMD with darker green chilled margins and sharp ctcts to above/below units oriented at 20 tca. Strongly magnetic.	3		
45.5	117.0	Diorite	lt grey	MCG		Starts as massive light grey DIO with 5-10% weak to moderate rose pinkish potassic altered Qtz-KS veinlets/veins oriented at 60 to 80tca. Interval between 70 to 117m is a strongly potassic (red to reddish brick coloured, ~17% fractured cores) w/ grey 2-15	9		
117.0	122.4	Amphibolite	brown	MG		Sharp ctcts within broken core pieces. Dark green red brick brownish AMP strongly fractured/ fault zone. Several KS-chl slips, some gauge soft material within the unit. Late cal infill. Rare py sporadically.			
122.4	128.1	Diorite	red	CG		This is continuation of a strongly potassic red brick coloured DIO. Has ~5-8% broken cores.	5		
128.1	130.7	Amphibolite	green	MG		Blocky AMP with a massive 60 cm wide Qtz-KS-Bi-Chl vein with a trace fg Py disseminations within it.			
130.7	165.7	Diorite	grey	CG		Greyish DIO with moderate to strong KS alt'n in red brick colour around veining/ sometimes patchy. The KS-alt'n decreases from above down to 155m. A small greenish reddish AMP-finger between 155.1-155.9m. From 155-165.7m is again a reddish brick DIO strong	6		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
165.7	166.9	Amphibolite	green	MG		Upper and lower ctcts very sharp oriented at 60 tca. This is a massive green AMP. Minor cal-hairlines mm-sized with random orientation to the core.			
166.9	175.0	Diorite	red	VCG		Strongly KS altered DIO, ~30% fractured. Rare fg py in trace.			
175.0	179.0	Quartz Feldspar Porphyry (QFP)	green_pink	MCG		Grey Qtz and pinkish KF as porphyroclasts within fg dark grey Px-matrix. Sharp upper ctct at 50 tca, and lower ctct at orientation at 60 tca.			
179.0	212.7	Diorite	red	CG		Strongly potassic-hem altered DIO. Both ctcts sharp at 50tca.			
212.7	224.7	Diabase Dike	green	FMG		Dark green blackish diabase dyke with multiple sections of faulting. Weakly patchy magnetic. There are ubiquitous late white cal- strgrs/hairlines at different orientation to tca.			
224.7	238.6	Diorite	red	CG		Strongly KS-hem altered. Minor Py.	5		
238.6	241.4	Quartz Feldspar Porphyry (QFP)	green_pink	CG		Grey Qtz and pinkish KF as porphyroclasts within fg dark grey Px-matrix. Sharp ctcts oriented at 60 tca.	15		
241.4	307.5	Diorite	dk grey			Greyish DIO with moderate patchy KS alt'n. Stronger silicification from the intervals above with development of several Qtz-Py-KS veining (spot samples taken), w/disseminated Py.			
307.5	309.1	Amphibolite	green	FMG		Sharp upper ctct at 60 tca, and lower ctct at 70tca. Patchy magnetic unit.			
309.1	323.7	Diorite	dk grey			Greyish DIO with moderate patchy KS alt'n. Continuation of same DIO just above the AMP. Several Qtz-Py-KS veining w/disseminated Py.	11		
323.7	328.3	Felsic Gneiss (S)	grey	MCG		Mostly weakly foliated FG(S) with KS reddish pink alt'n patches. Trace Py. Sharp ctct to lower unit oriented at 80 tca.	13		
328.3	339.1	Diorite	grey	MCG		Grey to grey reddish DIO moderately KS-hem patchy altered. Gradational ctct over 20cm to lower unit.	12		
339.1	348.3	Felsic Gneiss (S)	grey	MCG		Same FGS from above the DIO.			
348.3	353.6	Diabase Dike	green	FMG		Sharp upper ctct at 60tca, and lower ctct oriented at 70tca. Massive dark green diabase affected by patchy olive green Ser-Ep alt'n features. Patchy medium magnetic.			
353.6	363.4	Diorite	grey	MCG		Grey to grey reddish DIO moderately KS-hem patchy altered.	9		
363.4	372.1	Diabase Dike	green	FG		Sharp upper ctct oriented at 70tca. Continuation of fg dark green diabase dyke from above. Abundant Ser-Ep-Cal-Py stringers and hairlines oriented at 70tca. Lower ctct oriented at 60tca.			
372.1	375.2	Diorite	dk grey	MCG		Sharp ctcts to upper/lower units oriented at 60 tca. This is a small finger of DIO.			

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
375.2	377.8	Diabase Dike	green	FMG		Patchy weakly to moderate magnetic.			
377.8	380.6	Diorite	green_pink	MCG		Grey-green pinkish red DIO with sharp ctcts oriented at 60tca. Patchy KS-Hem alt'n features.			
380.6	381.9	Diabase Dike	green	MG		There is a multistage Qtz-Cal-KS-Py veining parallel to fol, w/ Py-clotts and fg Py disseminated within abundant tiny fractures with contact with DIO above.			
381.9	385.8	Diorite	red	CG		Sharp ctcts at 70tca. KS-Hem altered DIO (last 1m of unit decreases in alt'n) w/Qtz-Ks veining.	5		
385.8	388.0	Felsic Gneiss (S)	dk grey	FMG					
388.0	391.8	Amphibolite	dk grey	FMG		Dark grey-green AMP mostly weakly foliated. Minor ser-chl altered patches.			
391.8	393.1	Diabase Dike	green	FG					
393.1	400.6	Amphibolite	dk grey	FMG		Sharp ctcts to upper/lower units oriented at 70tca. This is mostly dk green AMP intercalated with a few grey cg grey DIO-fingers (<0.5m).			
400.6	414.1	Felsic Gneiss (S)	red	CG		With sharp ctcts oriented at 60tca, this is a KS-Hem altered reddish grey FGS weakly foliated, and blocky 15-25%.			
414.1	416.7	Quartz Vein	grey	VCG		Irregular barren looking vein: Qtz- KS mainly, Chl, trace Py in fractures. End of the vn, interesting fracture networks parallel to fol with Chl-Mgt-Qtz-Cal-KS.			
416.7	417.8	Amphibolite	green	MG		AMP is continues after the Qtz-Py-Mgt-Cal-KS-Chl-Hem veining, starts with ubiquitous finy fractures parallel with fol and infill by chl, mgt, py.			
417.8	418.5	Quartz Vein	grey	VCG		Same as above: Irregular barren looking vein: Qtz- KS mainly, Chl, trace Py in fractures.			
418.5	426.8	Felsic Gneiss (S)	grey	MCG		Upper ctct sharp oriented at 70, and lower at 80tca.This is greyish FGS with QTZ is CG weakly foliated smt stretched, and lined with foliation.			
426.8	430.0	Amphibolite	green	MG		Dark green AMP intercalated with a small fingers of greyish DIO (>0.4m). Irregular Qtz-KS-Cal-Chl-Po veining. Ctcts between DIO/AMP sharp mostly at 70tca.	5		
430.0	430.9	Diorite	dk grey	MCG		Dark grey foliated DIO.			
430.9	431.6	Amphibolite	green	MCG		Dark green reddish moderate to strongly KS-Hem altered AMP with Bi, and minor Po. Sharp ctct to DIO at 70tca.	20		
431.6	433.1	Diorite	dk grey	CG		Bi, KS-Hem alt'n decrease from AMP above. Minor Qtz-Cal-Chl-KS veining.	12		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
433.1	436.0	Felsic Gneiss (S)	grey	CG		Sharp ctcts to upper/lower units at 70-80tca. Starts with mod. fol in green colour, continues with pinkish red KS-Hem alt'n as patches and features. Strong brecciated around irregular Qtz-vn with trace Po, Py.			
436.0	443.6	Felsic Gneiss (S)	red	CG		Strongly altered grey to reddish FGS intercalated with a two fingers of mod. Foliated AMP (> 0.4m wide). Strong faulting and brecciation near Qtz-KS-Cal veining.			
443.6	445.6	UM\LAMP Dike	green	MCG		Green to yellowish massive UMD with a sharp ctcts to surrounding units oriented at 40tca. Partially brecciated or/and with ser-ep-chl alt'n .			
445.6	452.6	Felsic Gneiss (S)	lt grey	MCG		Light grey pinkish FGS with PEG looking interval with Qtz-layers, Bi, SL, and Po-crystals within it.	14		35
452.6	464.6	Biotite Felsic Gneiss	black	MG		Dark grey black BFG starts w/ sharp ctct oriented at 70tca. Contains a small interval of lighter greyish FGS-unit. The BFG has strong foliated Bi-rich layers with common Ks-Micr-Bi-Mu-Py- Po patches, minor SL and Mu-as porphyroblasts. Mgt through the matr	26		
464.6	465.6	Felsic Gneiss (S)	grey	CG		Greyish FGS. Bi decreases from the BFG above. Sharp ctct to lower unit at 70tca.	15		
465.6	467.0	Biotite Felsic Gneiss	grey	MG		Same Bi-rich BFG as above with Py locally up to 3%, Mgt and Po- up to 2% within the unit.	24		
467.0	468.2	Felsic Gneiss (S)	grey	CG		Same as above.	17		
468.2	472.3	Amphibolite	green	MCG		Starts as greenish grey fol AMP, with Bi, AMP-rich layers. Patchy mod KS-Hem alt'n, fractures infilled by fg py > 2%. Near 469.7m is Qtz-KS-Py veining w/small interval of FGS. Then, changes to fol AMP very reddish w/ stronger KS-alt'n.	17		
472.3	479.0	Felsic Gneiss (S)	orange	MCG		Upper ctct- sharp oriented at 70tca. QTZ is CG moderate foliated at 70 tca (smt very stretched, elongated/ lined with foliation). Abundant Qtz, Py-trace Po,)~0.1% SL as porphyroblasts. Beige yellowish green ser-ep alt'n in association with strong KS-Hem	18		
479.0	480.1	Garnet Biotite Felsic Gneiss	red			Upper ctct marked by Qtz-KS-Bi-Mu-SL vein oriented at 70tca. The unit has MG darkish green Bi-porphyroblasts, reddish FMG garnet porphyroblasts, silverish SL, and strong fol at 70tca. There are few ser-chl alt'n patches (light greenish yellow) as envelop	16	2	
480.1	494.9	Felsic Gneiss (S)	orange	CG		Same as above the GBFG. Strong reddish KS-Hem alt'n features, minor ser-chl yellowish green alt'n patches. Amp, Bi rich fractures, SL and Mu as porphyroblasts within the unit. There are abundant irregular Qtz- veining (often multistage w/ alt'n overprinted	17		
494.9	504.1	Amphibolite	brown	FCG		This is strongly foliated greenish brown AMP- with Bi, Amp-rich layers parallel to fol. Moderate ser-chl green yellowish layers within the unit. Two (> 0.3m) FGS-fingers present w/ sharp ctcts oriented at 60tca. Smts massive sulphides blebs within fol up t	21		
504.1	509.3	Garnet Biotite Felsic Gneiss	dk brown	FCG		Sharp both ctcts orientated at 80tca. This interval has a weak silicification with patchy sections of chl-ser-mu observed as light yellowish greenish strgrs/ and hailines parallel to fol. Lenses and pods of dark green blackish amph-Px+/-Bi concentrations	24	7	

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
509.3	510.4	Felsic Gneiss (S)	lt grey	CG		Very streched deformed Qtz within this small finger of FGS.			
510.4	526.3	Garnet Biotite Felsic Gneiss	black	MCG		Continuation of the GBFG above. Just stronger silicification with presents of fg Py,Po-clotts, bends within Qtz-fractures as higher concentrations up to 3.5% of the unit locally. GA increases in interval from 519m to UMD.	24	4	
526.3	527.0	Quartz Vein	white	CG		Starts with UMD broken cores and QV. Multistage Qtz- veining as a large vein system, strongly brecciated, PEG or deformed at ~70tca. Contains Py-Po- pods and lenses in association with chl,graphite,Bi,SL,Py,Po.	2		
527.0	528.2	UMLAMP Dike	green	MG		Sharp ctcts with QV at 30-40 tca.	3		
528.2	531.8	Quartz Vein	white	CG		Strongly siliceous interval mostly oriented at 70tca. Qtz is white to light grey (brecciated, PEG- deformed). Smt QTZ contains fine fractures infill by chl,graphite,Bi,KS,SL,Py, Po.	2		
531.8	534.0	Garnet Biotite Felsic Gneiss	black	CG		Strong silicified lenses of Chl, Po, Bi, Amp,Py within the GBFG.	12	1	
534.0	546.6	Felsic Gneiss (S)	grey	CG		Sharp ctcts at 80tca.This unit is a light grey FGS, composed of MCG+Px+Amp+KS-Bi, weakly ser, highly siliceous. Qtz-very def. folds, bands and layers. Often the Qtz contains Py and Po forming-pods, lenses (Po,Py account up to 2%).			
546.6	550.1	Amphibolite	green	MG		Sharp ctcts oriented at 60tca. This is dark green blackish AMP w/ amp-px matrix. Local weak ser-chl-cal rich patches in light yellowish colour (smts in assoc. w/ Po,Py-pods/lenses). Po-Py account locally 0.5-1%.	8		
550.1	574.9	Felsic Gneiss (S)	dk grey	MCG		This unit is a dark grey FGS, composed of PEG-look Px-Amp-KS-Bi-Chl-veining, moderate ser, highly siliceous. Qtz-very def. folds, bands and layers. Often the Qtz contains Py and Po forming-pods, lenses (Po,Py account up to 2%), Bi-concentrations locally.	7		22
574.9	576.7	Quartz Feldspar Porphyry (QFP)	dk grey	MCG		Moderate altered QFP with green yellowish Ser-Chl and reddish KS layers weakly foliated at 70tca, Phenos of KS and Qtz, trace Po, Py.	13		
576.7	579.7	Felsic Gneiss (S)	dk grey	FCG		Dark grey FGS weakly foliated w/ trace Po. FG Py in tiny fractures mostly parallel to fol. Mod. Silicification with def. Qtz-veining-Po-Py. Py up to 1%.	12		
579.7	580.9	Quartz Feldspar Porphyry (QFP)	dk grey	MCG		Small finger of dark grey QFP, no alteration features..	13		
580.9	591.9	Felsic Gneiss (S)	grey_green	MCG		Majority of this interval is FGS. With sharp ctcts the FGS is mixed w/ small fingers of QFP and AMP oriented at 70tca, and Qtz-Po-Py veining, minor KS-Bi-Cal-Chl-veining.	8		12
591.9	592.5	Felsic Gneiss (C)	grey	FCG		A small finger of grey foliated FGC with streached felsic-Qtz clasts 1-2 cm wide at 70tca. Py up to 1%.	6		
592.5	594.0	Quartz Feldspar Porphyry (QFP)	grey	MCG		Sharp ctcts to upper/lower units at 70ca. Contatins a few fingers of small Dio/or smts is mixed together w/ dio very foliated, very silicified and hard to separate. There are minor Kf+/- hem pinkish reddish alt'n spots. A strong Qtz-Bi layers observed co	5		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
594.0	595.2	Felsic Gneiss (C)	grey	MCG		Continuation of FGC from above.	6		
595.2	601.2	Diorite	grey	MCG		This is massive to weakly foliated DIO with a sharp ctcts to upper/lower units with orientation 70 tca. There are 3-5% veining within it, mostly irregular, up to 15cm mostly Qtz-Py-Po.	9		
601.2	604.8	Felsic Gneiss (C)	grey	FCG		Same FGC-characteristics as above the DIO.	8		
604.8	607.8	Felsic Gneiss (S)	grey	CG			7		
607.8	610.4	Amphibolite	green	FMG		Sharp ctcts to upper/lower units oriented at 70 and 80tca. Dark green-blackish colour, weak KS and Ser-Chl alt'n patches. Trace Py-Po.	4		
610.4	620.0	Diorite	grey	MCG		Sharp upper ctct oriented at 70tca. This is a grey DIO with 6-9% weak to moderate rose pinkish potassic altered Qtz-KS veinlets/veins and Py-disseminations (< 1%). Cores finished at 619.8m. Drillers's block recorded 620m. EOH=620	11		

PROBE MINES LIMITED							Diamond Drilling Log		Hole No DDH. BL15-767	Page No 1 of 6
Drilling Company	Core Size	Collar Elevation (m)	Bearing of Hole from true North	Total Depth (m)	Dip of Hole At		Location where core stored	Location of DDH (TWP, Lot, Con, LatLong)		
Major	NQ	428	205	600	Collar	-77	Chapleau Ont	Borden Township		
Date Hole Started	Date Completed	Date Logged	Logged By		(m)	degrees	Property Name	Easting	332692	
22/03/2015	30/3/2015	29/07/2015 to 06/08/2015	L. Macinnis		(m)	degrees		Northing	5302763	
Exploration Co., Owner or Optionee					(m)	degrees	Borden	Datum	NAD83_Z17	
BORDEN GOLD					(m)	degrees				

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
0.0	30.9	Casing				Ice Drilling Program.			
30.9	54.3	Diorite	green	FMG		Diorite: dark green in colour, fine to medium grained, hosting a moderate amount of quartz-carbonate veinlets and stringers throughout. Trace pyrite and pyrrhotite are present throughout. Unit is weakly magnetic. Moderately chloritized throughout (pervasi	0	0	0
54.3	108.0	Diorite	pink	MG	QZE	Diorite: medium grained, porphyritic, quartz eyes throughout, pink to grey in colour (dominantly pink in colour upper part of the unit). Small interbeds are present throughout, see sub lithology, minor patches resemble felsic gneiss sediment. Trace quart	5	0	0
108.0	117.2	Felsic Gneiss (S)	pink	FMG	POR	Felsic Gneiss Sediment: medium to fine grained, pink to grey in colour, defined from biotite due to increase of biotite and increase in foliation. Unit is very pervasively altered by kspar. Trace amount of disseminated pyrite is observed throughout. Lower	15	0	0
117.2	126.0	Diorite	grey_white	MG	POR	Diorite: grey and white in colour with minor sections pink in colour, medium grained throughout, blocky ground, fairly massive, weakly foliated. Trace pyrite throughout. Sub lithology of FGS. Lower contact is gradational into felsic gneiss sediment.	5	0	0
126.0	127.5	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Grey to white in colour with pink in patches, fine to medium grained, blocky unit throughout. Hosting trace amount of pyrite. Lower contact is gradational into diorite	10	0	0
127.5	129.4	Diorite	grey_white	MG	POR	Diorite: Medium grained, grey to white in colour with minor pink patches, trace pyrite throughout, lower contact is gradational into felsic gneiss sediment.	5	0	0

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
129.4	131.9	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: grey and white in colour with minor pink patches, fine to medium grained, hosting trace amount of disseminated pyrite. Lower contact is gradational into diorite.	15	0	0
131.9	135.3	Diorite	grey_white	MG	POR	Diorite: medium grained, grey to white with pink alteration throughout. Trace amount of disseminated pyrite throughout. Lower contact is gradational into felsic gneiss sediment.	5	0	0
135.3	138.3	Felsic Gneiss (S)	grey	FMG	POR	FGS: grey in colour, fine to medium grained, trace pyrite observed throughout. Lower contact is gradational into diorite.	15	0	0
138.3	147.4	Diorite	grey	MG	POR	Diorite: Massive, grey in colour, medium grained, hosting trace pyrite. Subunit of amphibolite felsic gneiss is present between 142.5-143.5 m, but runs down core axis. Lower contact is sharp into felsic gneiss sediment defined by an increase in foliation	5	0	0
147.4	150.3	Felsic Gneiss (S)	grey	FMG	POR	FGS: fine to medium grained, grey in white in colour with a minor amount of pink, minor amounts of qtz-carbonate stringers hosting k-spar is present. A minor coarse rich patch within the FGS is present between 149.5-149.7 m. Lower contact is sharp into am	15	0	0
150.3	153.4	Amphibolite	dk grey	FMG	POB	Amphibolite: dark grey, fine to medium grained, soft, hosting a small interbed of FGS, trace disseminated pyrite observed. Quartz carbonate veinlets and stringers are observed, not abundant. Lower contact is sharp into FGS, defined by a quartz-rich sectio	10	0	0
153.4	161.9	Felsic Gneiss (S)	grey_white	FMG	POR	FGS: fine to medium grained, grey to white in colour, fairly massive, weakly foliated, hosts coarser patches (1 cm in size) that are typically enriched in biotite, pyrite, and quartz. Trace quartz-carbonate stringers are present throughout. 1% disseminate	10	0	0
161.9	164.5	Diorite	grey_white	FMG	POR	Diorite: Borderline QFP in patches, minerals are not as defined so logged as diorite. Fine to medium grained, grey to white in colour with patches of kspar. Trace amount of disseminated pyrite is observed throughout. Lower contact is sharp (60 degrees) in	15	0	0
164.5	166.2	Quartz Feldspar Porphyry (QFP)	grey_white	MG	POR	Quartz Feldspar Porphyry: medium grained, grey to white in colour, felsic clasts are weakly altered by kspar. Trace amount of disseminated pyrite is observed throughout. Lower contact is sharp into felsic gneiss sediment.	15	0	0
166.2	169.2	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, grey to white in colour with green (chlorite alteration) and red patches (k-spar alteration). Unit host a small subunit of QFP. Trace amount of quartz-carbonate stringers/veinlets are present throughout. A t	10	0	0
169.2	173.1	Amphibole Felsic Gneiss	green	FMG	POB	Amphibole felsic gneiss: dark green in colour, fine to medium grained, a moderate amount of quartz-carbonate stringers/veinlets are present throughout. A moderate amount of chlorite alteration is present throughout. Trace amount of disseminated pyrite is	15	0	0
173.1	178.0	Felsic Gneiss (S)	grey	FMG	POR	Felsic Gneiss Sediment: medium grey in colour, fine to medium grained, hosts a moderate amount of quartz-carbonate stringers with k-spar halos. Kspar rich patches become abundant at 176.5 m. Trace disseminated pyrite is present throughout. Lower contact i	15	0	0
178.0	181.9	Diorite	grey	MG	POR	Diorite: dark grey to white in colour, with strong pink alteration (k-spar). A trace amount of pyrite disseminated is present throughout. A weak amount of chlorite resides on fracture planes. Lower contact is gradational into FGS.	5	0	0

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
181.9	207.3	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, white to grey in colour with pink patches (k-spar alteration). Ground is blocky in patches, see structural tab for more information. Minor sub lithologies are present. Minor quartz-carbonate stringers and ve	15	0	0
207.3	211.1	Quartz Feldspar Porphyry (QFP)	grey_white	FMG	POR	Quartz Feldspar Porphyry: Fine to medium grained, porphyritic, grey and white with patches of pink throughout. Low angled fractures are present between 210.4-210.9 m. Trace disseminated pyrite is present throughout. Lower contact is sharp (70 degrees) int	15	0	0
211.1	227.7	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Fein to medium grained, grey and white in colour with pink patches (due to kspar). Patches of sericite-chlorite alteration halos are present off of the trace amount of quartz-carbonate stringers, also hosts halos of K-spar. Quartz	20	0	1
227.7	228.9	Amphibolite	green	MCG	POB	Amphibolite: Medium to coarse grained, green in colour, coarser than usual, not called AMPG due to lack of biotite. Unit is moderately altered by K-spar and hosts trace disseminated pyrite. Lower contact is sharp (42 degrees) into FGS.	10	0	0
228.9	237.0	Felsic Gneiss (S)	grey	FMG	POR	Felsic Gneiss sediment: fine to medium grained, weakly foliated, grey-green-pink in colour, broken out of FGS due to enrichment in amphibole. Unit hosts minor units of amphibolite and ultramafic dike (see sub tab). Minor amount of K-spar alteration is pre	20	0	0
237.0	246.1	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, grey and white in colour, with pink patches (k-spar). Minor subunits of Ultramafic dike and pegmatite is present, see sub lithology. Lower contact is sharp (80 degrees) into ultramafic dike.	15	0	10
246.1	247.1	UMLAMP Dike	green	FMG		Ultramafic Dike: fine to medium grained, green in colour, trace amount of xenoliths present, very chloritized unit. No mineralization observed. Lower contact is sharp into FGS, which is a subunit if diorite.	15	0	0
247.1	249.7	Diorite	grey_white	FMG	POR	Diorite: Fine to medium grained, grey to white in color. Hosts a minor amount of quartz-carbonate stringers that are weakly altered. Trace disseminated pyrite throughout. Lower contact is gradational into FGS.	5	0	0
249.7	254.0	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, grey to white in colour with minor amounts of pink alteration (kspar). Minor pegmatite present. Trace disseminated pyrite observed throughout. Lower contact is gradational into Diorite.	15	0	2
254.0	258.1	Diorite	grey_white	FMG	POR	Diorite: Fine to medium grained, grey to white in colour with minor k-spar patches, quartz-carbonate stringers/veinlets are present throughout, not abundant. Trace amount of disseminated pyrite is present throughout. Lower contact is gradational into FGS	15	0	0
258.1	270.6	Felsic Gneiss (S)	grey_white	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, white to grey in colour with pink patches. Trace quartz-carbonate stringers are present with halos of k-spar and chlorite throughout. Minor subunits of diorite and ultramafic dikes are present throughout. Tr	20	0	0
270.6	271.8	UMLAMP Dike	dk grey	FG		Ultramafic Dike: Unit runs parallel to core axis (55 % is UMD; 45 % is FGS). No pyrite was observed throughout. Lower contact is sharp (20 degrees) into FGS.	10	0	0
271.8	286.0	Felsic Gneiss (S)	pink	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, dominantly pink in colour but originally grey and white in colour. Pervasive patches of K-spar, and patches of k-spar enrichment throughout unit. Quartz-carbonate stringers/veinlets are present throughout bu	15	0	0

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
286.0	287.3	UMLAMP Dike	dk grey	FG		Ultramafic Dike: fine grained, dark grey in colour, hosting minor amount of xenoliths. Dike runs at a low angle to core axis. Chloritized throughout. Lower contact is sharp irregular into FGS	15	0	0
287.3	295.6	Felsic Gneiss (S)	pink	FMG	POR	Felsic Gneiss Sediment: pink and grey in colour, fine to medium grained, foliated throughout. Moderately silicified throughout. Hosting a small interbed of pegmatite and ultramafic dike. Trace disseminated pyrite is observed throughout this unit. Lower co	15	0	10
295.6	296.6	UMLAMP Dike	dk grey	FG		Ultramafic Dike: fine grained, dark grey, hosting minor xenoliths throughout. No mineralization observed. Moderately altered by chlorite. 296.2-296.6 m strongly altered by quartz-carbonate stringers hosting k-spar. Lower contact is sharp into FGG.	15	0	0
296.6	322.1	Felsic Gneiss (G)	grey_white	MCG	POR	Felsic Gneiss Granite: Medium to coarse grained, grey and white in colour with minor pink patches (Kspar). Medium grained muscovite and silimenite are observed throughout. Trace disseminated pyrite observed throughout. Missing 1.34 m of core between 306-3	2	0	0
322.1	329.2	Felsic Gneiss (S)	grey	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, pink to grey in colour, strongly silicified, massive. Trace disseminated pyrite, with patches of sericitic alteration (with chlorite and kspar). Lower contact is sharp into BFG.	5	0	0
329.2	330.3	Biotite Felsic Gneiss	grey_white	FMG	POR	Biotite Felsic Gneiss: dark grey to white in colour, fine to medium grained, hosting trace amount of pyrite throughout. Lower contact is gradational into FGS.	40	0	0
330.3	340.3	Felsic Gneiss (S)	grey	FMG	POR	Felsic gneiss sediment: fine to medium grained, grey and white in colour with patches of green, pink and white (chlorite, epidote, k-spar, and quartz). Some minor patches of sericite present within. 1-2 % pyrite and pyrrhotite throughout. Hosts a small in	15	0	0
340.3	346.4	Felsic Gneiss (S)	grey_white	MCG	POR	Felsic Gneiss Sediment: Medium to coarse grained, grey and white in colour with patches of green and pink throughout. Unit contains an abundant amount amphibole relative to typical FGS. Pyrite and pyrrhotite observed throughout. Lower contact is sharp int	10	0	0
346.4	351.6	Felsic Gneiss (S)	pink	FMG	POR	Felsic Gneiss Sediment: Fine to medium grained, dark grey to pink in colour with minor patches of green throughout. Trace pyrite observed throughout. Lower contact is sharp into DIO.	15	0	0
351.6	353.3	Diorite	grey_white	FMG	POR	Diorite: White and grey in colour, fine to medium grained, porphyritic, strongly altered by potassium. Trace disseminated pyrite observed. Lower contact is sharp into FGG	15	0	0
353.3	359.6	Felsic Gneiss (G)	pink	FMG	POR	Felsic Gneiss Granite: Pink to green in colour, very strongly altered. Shear zone observed 354-354.5 m with a minor splay at 353.3-353.7 m. A lot of siderite is present throughout, muscovite and silleminite is present as well. Small interbed of FGS is pre	15	0	0
359.6	360.2	Diorite	grey_white	FMG	POR	Diorite: Fine to medium grained, grey and white in colour with patches of k-spar and siderite throughout. Trace pyrite observed. Lower contact is sharp into FGG.	15	0	0
360.2	362.6	Felsic Gneiss (G)	grey_white	MCG	POR	Pegmatite rich FGG, no actual pegmatites to pull out, enriched in quartz. Muscovite and silleminite is abundant throughout. Trace pyrite observed throughout. Lower contact is gradational into DIO.	15	0	10
362.6	363.9	Diorite	dk grey	FMG	POR	Diorite: Fine to medium grained, strongly foliated, dark grey in colour. Trace pyrite throughout. Lower contact is gradational into FGG.	15	0	0

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
363.9	370.0	UMLAMP Dike	dk grey	FG		Xenocrysts average ~1 mm, magnetite is present throughout, no pyrite is observed throughout. Two subunits are present at the upper and lower contact. Upper is DIO, lower is FGG. Lower contact is sharp into PEG.	15	0	0
370.0	370.9	Pegmatite	pink	CG	PEG	Coarse grained, k-spar and quartz dominant. Trace pyrite observed, not significant. Lower contact is sharp into GBFG.	2	0	100
370.9	374.8	Garnet Biotite Felsic Gneiss	pink	FMG	BND	Unit is heavily altered by sericite, k-spar, chlorite, epidote, and quartz. Trace disseminated pyrite throughout. Lower contact is sharp into QFP.	50	5	0
374.8	378.0	Quartz Feldspar Porphyry (QFP)	grey_white	FMG	POR	Quartz Feldspar Porphyry: medium to coarse grained with a weak amount of k-spar present throughout. Trace disseminated pyrite observed, not significant. Lower contact is sharp into UMD.	15	0	0
378.0	380.5	UMLAMP Dike	grey_black	FG		Xenocrystic, hosting small (1 mm) clasts throughout. Unit is massive, no pyrite observed. Lower contact is sharp into DIO.	5	0	0
380.5	388.8	Diorite	grey_white	FMG	POR	Diorite: grey and white in colour with dark pink patches throughout. A trace amount of pyrite is observed throughout, not significant. Lower contact is sharp into FGS.	20	0	0
388.8	393.0	Felsic Gneiss (S)	grey	FMG	POR	Pink to grey in colour, hosting k-spar rich patches, and quartz rich patches (388.7-390.3 m), small pegmatite and diorite observed, lower contact is sharp into FGC.	15	0	5
393.0	394.6	Felsic Gneiss (C)	grey_white	FMG	CONG	FGC: conglomeratic, grey and white in colour, hosting rounded white clasts that is very foliated/stretched. Trace pyrite observed. Small interbed observed. Fracture planes host a moderate amount of chlorite. Lower contact is sharp into amphibolite.	35	0	0
394.6	396.2	Amphibolite	green	FMG	POB	Dark green in colour, fairly homogenous. Hosting minor quartz-carbonate veinlets/stringers throughout. Trace disseminated pyrite present throughout. Lower contact is sharp into FGC.	20	0	0
396.2	437.3	Felsic Gneiss (C)	grey_white	FMG	CONG	Conglomeratic, hosts minor sub units throughout. Trace disseminated pyrite observed throughout. Lower contact is sharp into diorite.	40	0	0
437.3	456.1	Diorite	grey_white	FMG	POR	Diorite: fine to medium grained, hosting a few minor sub lithologies, 0.05 % pyrite observed. Patches of kspars are present throughout. Lower contact is gradational into FGS.	20	0	5
456.1	458.3	Felsic Gneiss (S)	grey_white	FMG	POR	Borderline DIO. Grey and white in colour with minor patches of quartz-carbonate veinlets that are weakly altered by kspars. Trace amount of disseminated pyrite observed. Lower contact is sharp (50 Degrees) into FGC.	15	0	0
458.3	461.8	Felsic Gneiss (C)	grey_white	FMG	CONG	Moderately foliated unit, clasts are elongated giving a "zebra" texture. Minor pegmatites and quartz veins are observed within. Trace amount of disseminated pyrite observed. Lower contact is sharp into diorite.	35	0	10
461.8	463.8	Felsic Gneiss (S)	grey_white	FMG	POR	Fine to medium grained, hosts a trace amount of disseminated pyrite, weakly altered by kspars. Hosts minor quartz-carbonate stringers. Lower contact is gradational into diorite.	20	0	0
463.8	472.3	Diorite	grey_white	FMG	POR	Grey and white in colour, weakly foliated, hosting pegmatite subunits throughout. Trace disseminated pyrite observed throughout. Lower contact is gradational into FGS.	30	0	5

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
472.3	484.3	Felsic Gneiss (S)	grey_white	FCG	POR	Unit has localized patches that are coarser than the rest of the unit. Minor amounts of quartz-carbonate stringers are present within this unit, hosting minor alteration halos of kspar. Minor subunits of amphibolite, pegmatite and amphibole felsic gneiss	30	0	5
484.3	485.4	Amphibolite	green	MG	POB	green, coarse-grained, hosting a trace amount of disseminated pyrite. Lower contact is sharp into FGS	15	0	0
485.4	487.5	Felsic Gneiss (S)	grey_white	FMG	POR	Trace disseminated pyrite, sharp lower contact (40 degrees).	25	0	0
487.5	540.0	Felsic Gneiss (C)	grey_white	FMG	CONG	Moderately foliated unit, clasts are elongated giving a "zebra" texture. Minor lenses of FGS are observed within. Trace amount of disseminated pyrite observed. Small segments of this unit are intensely altered by kspar, epidote, chlorite, and sericite to	40	0	0
540.0	541.8	Felsic Gneiss (S)	grey_white	FMG	POR	Hosting trace pyrite. No significant alteration. Lower contact is sharp (50 degrees) into FGC.	20	0	0
541.8	600.0	Felsic Gneiss (C)	grey_white	FMG	CONG	hosts minor sub lithologies, trace disseminated pyrite, and contains patches of biotite-rich FGC. Lower contact is ??? EOH=600m	40	0	0

PROBE MINES LIMITED							Diamond Drilling Log		Hole No DDH. BL15-768	Page No 1 of 5
Drilling Company	Core Size	Collar Elevation (m)	Bearing of Hole from true North	Total Depth (m)	Dip of Hole At		Location where core stored	Location of DDH (TWP, Lot, Con, LatLong)		
Major	NQ	428	205	651	Collar	-85	Chapleau Ont	Borden Township		
Date Hole Started	Date Completed	Date Logged	Logged By		(m)	degrees	Property Name	Easting	332787	
22/03/2015	29/03/2015	01/08/2015 to 07/08/2015	M. Deller		(m)	degrees		Northing	5302731	
Exploration Co., Owner or Optionee					(m)	degrees	Borden	Datum	NAD83_Z17	
BORDEN GOLD					(m)	degrees				

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
0.0	20.2	Casing							
20.2	37.0	Felsic Gneiss (S)	lt grey	FG		Weakly foliated FG(S) with section of intense Ks alteration from 28.9-29.2m.	5		5
37.0	39.3	Diorite	lt grey	FMG		Massive light grey DIO.	5		
39.3	67.0	Felsic Gneiss (S)	lt grey	FG		Weakly foliated FG(S) with localized Qz veining, Ks alteration and faulting.	5		
67.0	68.0	Amphibolite	grey	FG		Weakly foliated, fractured AMP.	5		
68.0	69.0	Felsic Gneiss (S)	grey	FG		Weakly foliated FG(S) with fault gouge at the lower contact with AMP.	5		
69.0	72.6	Amphibolite	grey	FG		Weakly foliated AMP with localized Bxd. Moderately foliated FG(S) sections within AMP.	5		
72.6	74.4	Felsic Gneiss (S)	grey	FG		Moderately foliated FG(S) with CL altered shear zone.	5		
74.4	76.5	Amphibolite	grey	FG		Moderately foliated AMP.	10		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
76.5	78.3	Felsic Gneiss (S)	grey_green	FG		Strongly foliated FG(S) with section of shear bounded by two breccia zones. Area of structure has CL and KS alteration.	5		
78.3	80.6	Diorite	lt grey	FMG		Massive DIO.	5		
80.6	88.8	Amphibole Felsic Gneiss	grey_green	FMG		Weak to moderately foliated AMPG with pervasive CL alteration.	5		
88.8	120.4	Diorite	lt grey	FMG		Massive DIO with localized Qz veining.	5		
120.4	135.4	Felsic Gneiss (S)	lt grey	FG		Weakly foliated FG(S) with localized structures and PEG.	5		5
135.4	136.5	Quartz Feldspar Porphyry (QFP)	grey	FMG	POR	Massive QFP.			
136.5	146.9	Felsic Gneiss (S)	lt grey	FG		Weakly foliated FG(S) cross cut by Qz vein hosting Py+Po. Spot sample taken.	5		5
146.9	148.7	Diorite	lt grey	FMG		Weakly foliated AMP.	5		
148.7	189.8	Felsic Gneiss (S)	lt grey	FG		Weakly foliated FG(S) with sections of Bad, Qz and Ca veining. Si alteration proximal to lower Bxd zone. Two sections of AMP intermixed.	5		1
189.8	190.9	Diorite	lt grey	FMG		Massive light grey DIO.	5		
190.9	195.0	Felsic Gneiss (S)	lt grey	FG		Weakly foliated FG(S) with minor Qc veining throughout. Qc veins have halo Ser and Ks alteration.	5		
195.0	202.5	Diorite	grey_white	FMG		Massive DIO with minor Qc veining throughout. Ks alteration occurs in patches and as halos on Qc veins.	5		
202.5	227.7	Felsic Gneiss (S)	lt grey	FG		Weak to moderately foliated FG(S) with minor Ser and Cl alteration. From 211.1m the rock is intensely altered as the hole intersects a major fault/breccia zone.	5		
227.7	240.7	Diabase Dike	grey	FMG		Massive diabase dyke with multiple sections of faulting and breccia.			
240.7	248.8	Felsic Gneiss (S)	pink	FMG		Moderately foliated FG(S) with moderate to intense Hem alteration associated with fault structure. Localized blocky core. Cross cut by diabase dyke and small Qz vein.	5		
248.8	253.8	Amphibolite	grey	FG		Weakly foliated AMP with mixed sections of FG(S). Fault gouge from 251-251.1m.	10		
253.8	257.9	Quartz Feldspar Porphyry (QFP)	grey	FMG	POR	Weakly foliated QFP			

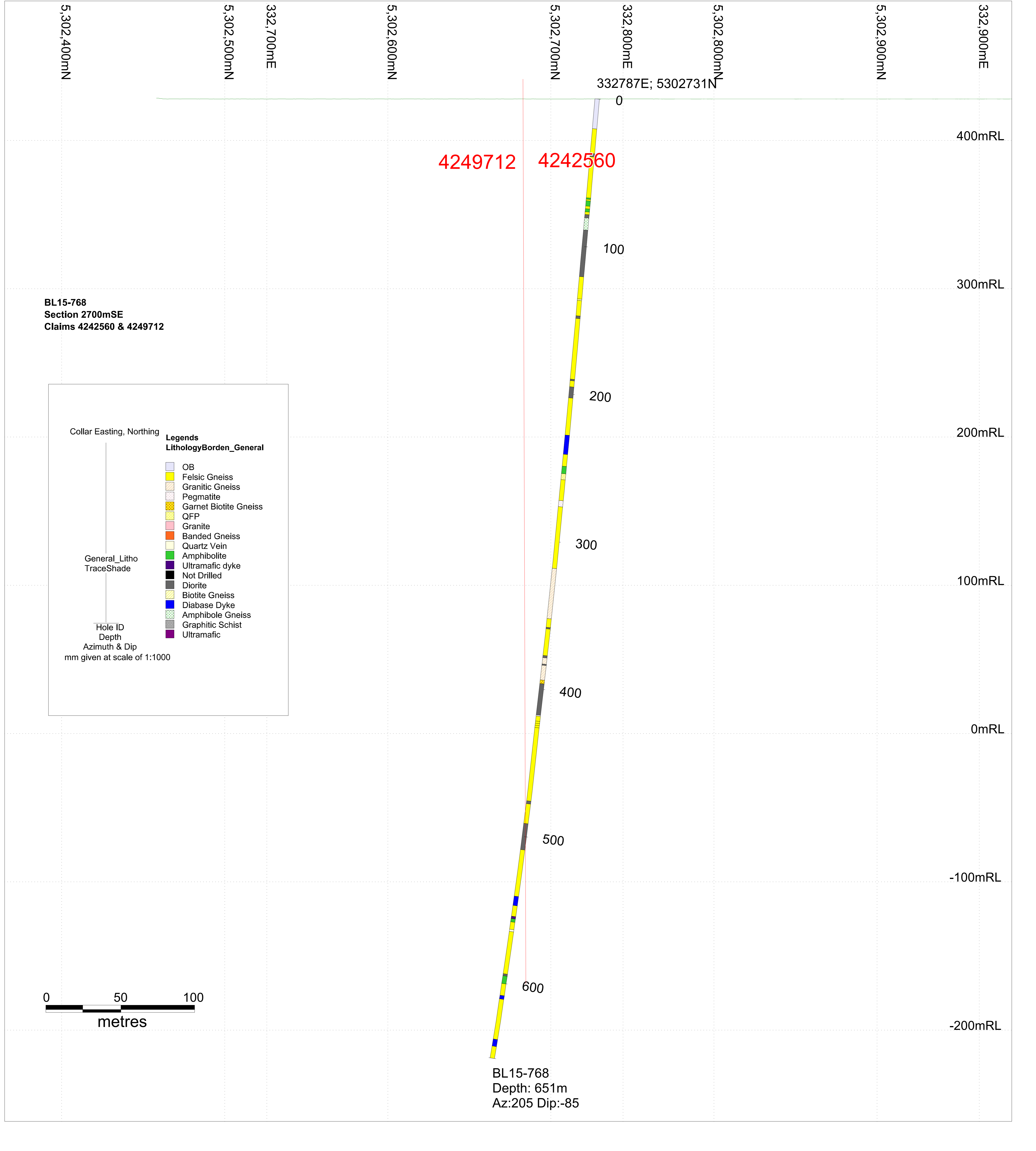
From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
257.9	272.0	Felsic Gneiss (S)	pink	FG	QZE	Weakly foliated FG(S) with pervasive Hem alteration associated with fault/breccia zone.	5		
272.0	276.2	Pegmatite	pink	MCG	PEG	Massive PEG with section of MCG weakly foliated FG(S).	5		
276.2	318.0	Felsic Gneiss (S)	lt grey	FMG		Weakly foliated FG(S) with section of PEG from 281-281.6m.	5		10
318.0	352.1	Felsic Gneiss (G)	lt grey	FMG		Weakly foliated FG(G) with Mu and Si throughout. Localized Qz veining. Fault occurs above UMD dyke and the dyke is fractured with Ca infill. Pervasive Hem alteration adjacent to fault and dyke.	5		10
352.1	358.0	Felsic Gneiss (S)	grey	FG		Moderately foliated FG(S) cross cut by large Qz vein and UMD dyke.	10		
358.0	359.1	Diorite	lt grey	FMG		Weakly foliated DIO.	5		
359.1	377.1	Felsic Gneiss (S)	grey	FG		Moderately to strongly foliated FG(S) with with shear zone from 362-367.9m. Ser and Ks alteration throughout shear zone. Sections of PEG throughout.	10		30
377.1	378.6	Diorite	grey	FMG		Moderately foliated DIO cross cut by two small UMD dykes from 378.2-378.75m.	5		
378.6	382.9	Felsic Gneiss (G)	grey	FMG		Moderately to strongly foliated FG(S). Strong Ser and weak Ks alteration associated with the deformation of the rock.	5		
382.9	383.7	Diorite	grey	FMG		Moderately foliated DIO with strong banded Ks alteration.	5		
383.7	393.7	Felsic Gneiss (G)	lt grey	FMG		Weakly foliated FG(G). Ser and Si alteration throughout interval varying from weak to strong. Small section of DIO from 384.4-384.7m. Sections of pegmatite in between areas of strong Si alteration.	5		10
393.7	396.2	Garnet Biotite Felsic Gneiss	grey	FMG		Moderate to strongly foliated GBFG with section of strong Si alteration from 393.7-395.7m. This section also contains increased Py+Po content.	20	5	
396.2	417.5	Diorite	lt grey	FMG		Weak to moderately foliated DIO with section of FG(S) from 398.1-398.7m. Localized Qz veining and PEG sections. Sections of Qc veining. Moderate pervasive Ks alteration in upper and lower sections of unit.	5		5
417.5	418.3	Pegmatite	pink	CG	PEG	Massive PEG separating DIO and CONG units.			
418.3	421.7	Felsic Gneiss (S)	grey_white	FG	CONG	Moderately foliated CONG. White felsic clasts with grey-green fine grained ground mass.	5		
421.7	423.2	Felsic Gneiss (S)	lt grey	FG		Moderately foliated fine grained FG(S) with section of PEG.	5		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
423.2	424.5	Felsic Gneiss (S)	grey_white	FG	CONG	Moderately foliated CONG. White felsic clasts with grey-green fine grained ground mass.	5		20
424.5	426.0	Felsic Gneiss (S)	lt grey	FG		Moderately foliated fine grained FG(S) with section of PEG.	5		40
426.0	475.8	Felsic Gneiss (S)	grey_white	FG	CONG	Moderately foliated CONG. White felsic clasts with grey-green fine grained ground mass.	5		5
475.8	477.8	Diorite	lt grey	FMG		Massive grey DIO with upper and lower contacts parallel to foliation.	5		
477.8	491.1	Felsic Gneiss (C)	grey_green	FG	CONG	Moderately foliated CONG- FGC. White felsic clasts with grey-green fine grained ground mass. Two small sections of DIO from 478.8-479.3m.	5		
491.1	509.0	Diorite	grey	MCG	POR	This is weakly foliated DIO with a sharp ctcts to upper/lower units with orientation at 60 tca. There are 3-5% veining within the unit, mostly irregular cm to 10cm wide Qtz-Py+/-Po-veins and vnlt.	5		3
509.0	540.6	Felsic Gneiss (C)	grey_black	VCG		With a sharp ctct oriented at 60tca, unit is again CONG- FGC (nice text book example w/ streched qtz or felsic clasts 2-5cm in size within mg matrix). Local moly-Po-graphite patches with a strong magnetic properties where Po occurs as vfg- fg disseminatio	8		1
540.6	547.0	Diabase Dike	grey_black	FMG		Very magnetic diabase rock with a late white cal stringers and hairlines oriented at 40 to 50 tca. A strong Fault Zone is running between 543 and 546m (at the beginning a two faults oriented at 50tca with broken rubble pieces of core. In continuation is i			
547.0	554.3	Felsic Gneiss (S)	dk grey	MG	BND		8		
554.3	555.9	UMLAMP Dike	green	FG	BND				
555.9	558.2	Amphibolite	green	FMG		Sharp ctcts to surrounding units oriented at 30tca with a moderate to strong KS-hem-ser-chl alt'n patches in green-yellowish and reddish brown colours (very irregular like hairlines, cal-late stringers, common moly-graphite slips and broken core pieces at	7		
558.2	563.2	Felsic Gneiss (C)	dk grey	VCG	CONG	With a sharp ctct oriented at 30tca, unit is again CONG- FGC (nice streched qtz or felsic clasts 2-5cm in size within dark grey-black coloured mg matrix). Local moly-Po-graphite patches with a strong magnetic properties where Po occurs as vfg- fg trace d	8		
563.2	564.7	Quartz Vein	grey	FCG		Consists of three massive grey fcg Qtz-KF-Py-Po veins. The vns are in general orientation ~ 50 tca, has trace to 0.2% Py, Po usually as dissemination along margins in assoc. w/ cal-chl stringers and Kf+/-hem altered spotts.	9		
564.7	593.5	Felsic Gneiss (C)	grey_black	CG	QZE	Sharp ctcts to upper/lower units at 70-80tca. Contatins a few fingers of small Dio/or smts is mixed together w/ dio very foliated, very sillicified and hard to separate. There are minor Kf+/- hem pinkish reddish alt'n spotts. A strong Qtz-Bi layers observ	18		
593.5	594.9	Diorite	grey_green	MCG	BND		4		

From	To	RockType	Colour	Grain Size	Texture	Description	Bio %	Gt %	Peg %
594.9	600.2	Amphibolite	green	MCG		Sharp ctct to upper unit oriented at 60 tca. This unit is characterized by FMG amp-px matrix. Locally weakly foliated. It has a ser-chl greenish yellowish altered patches smts in assoc. w/ trace Po,Py-disseminations.	7		
600.2	608.2	Felsic Gneiss (C)	grey_black	CG	QZE	Same characteristics as above the Dio-Amp units-FGC (CONG), just sulphides deceased to trace to rarely 0.2% downhole.	15		
608.2	610.7	Diabase Dike	grey_green	FMG		Massive very magnetic diabase rock. Commonly w/ a white fg cal-strgrs oriented at different orientation to the core axis. Sharp ctcts to surrounding units at 30-40 tca.			
610.7	638.1	Felsic Gneiss (C)	grey_black	CG	QZE	This is another interval of foliated CONG (FGC unit). Its very silicifious w/ common streached felsic-Qtz clasts 1-2 cm wide foliated mostly at 70tca, Bi-amph rich layers often parallel to fol. There are minor Kf-hem-ser yellowish reddish alt'n patches.	15		
638.1	642.9	Diabase Dike	grey_green	FMG		Massive strongly magnetic diabase. Commonly with white fg cal-strgrs oriented at differ. orientation to the core. Sharp ctcts to surrounding units at 30 tca.			
642.9	651.0	Felsic Gneiss (C)	grey_black	CG	QZE	Same characteristics as above the DIA. Strong silicification from 643m to 651m (w/ few irregular Qtz-Po-Py vns, Po-Py trace). EOH.	18		

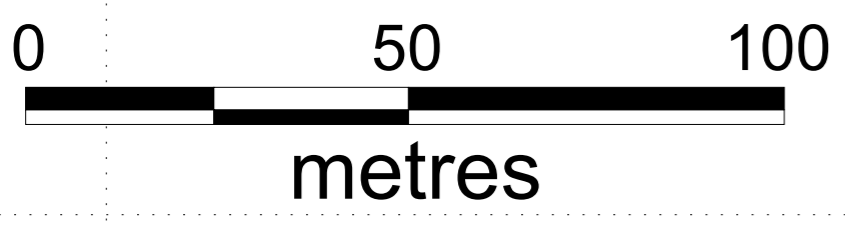
APPENDIX III

Drill Hole Cross Sections (1:1,000)



BL15-768
 Section 2700mSE
 Claims 4242560 & 4249712

Collar Easting, Northing	Legends
General_Litho	LithologyBorden_General
TraceShade	OB
Hole ID	Felsic Gneiss
Depth	Granitic Gneiss
Azimuth & Dip	Pegmatite
mm given at scale of 1:1000	Garnet Biotite Gneiss
	QFP
	Granite
	Banded Gneiss
	Quartz Vein
	Amphibolite
	Ultramafic dyke
	Not Drilled
	Diorite
	Biotite Gneiss
	Diabase Dyke
	Amphibole Gneiss
	Graphitic Schist
	Ultramafic



4249712 4242560

BL15-768
 Depth: 651m
 Az:205 Dip:-85

332787E; 5302731N

0

100

200

300

400

500

600

400mRL

300mRL

200mRL

100mRL

0mRL

-100mRL

-200mRL

332,900mE

5,302,900mN

5,302,800mN

332,800mE

5,302,700mN

5,302,600mN

332,700mE

5,302,500mN

5,302,400mN

5,302,500mN

332,600mE

5,302,600mN

5,302,700mN

332,700mE

5,302,800mN

500mRL

5,302,900mN

4249712

4242560

400mRL

100

300mRL

200

200mRL

300

100mRL

400

0mRL

500

-100mRL

BL15-767
Depth: 600m
Az:205 Dip:-77

-200mRL

BL15-767
Section 2600mSE
Claims 4242560 & 4249712

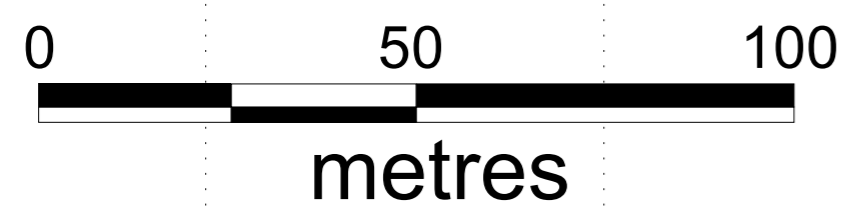
Collar Easting, Northing

General_Litho
TraceShade

Hole ID
Depth
Azimuth & Dip
mm given at scale of 1:1000

Legends
LithologyBorden_General

- OB
- Felsic Gneiss
- Granitic Gneiss
- Pegmatite
- Garnet Biotite Gneiss
- QFP
- Granite
- Banded Gneiss
- Quartz Vein
- Amphibolite
- Ultramafic dyke
- Not Drilled
- Diorite
- Biotite Gneiss
- Diabase Dyke
- Amphibole Gneiss
- Graphitic Schist
- Ultramafic



5,302,700mN

5,302,800mN
332,600mE

5,302,900mN

332,700mE
5,303,000mN

5,303,100mN

400mRL

300mRL

200mRL

100mRL

0mRL

-100mRL

-200mRL

BL15-754
Section 2500mSE
Claim 4242560

Collar Easting, Northing

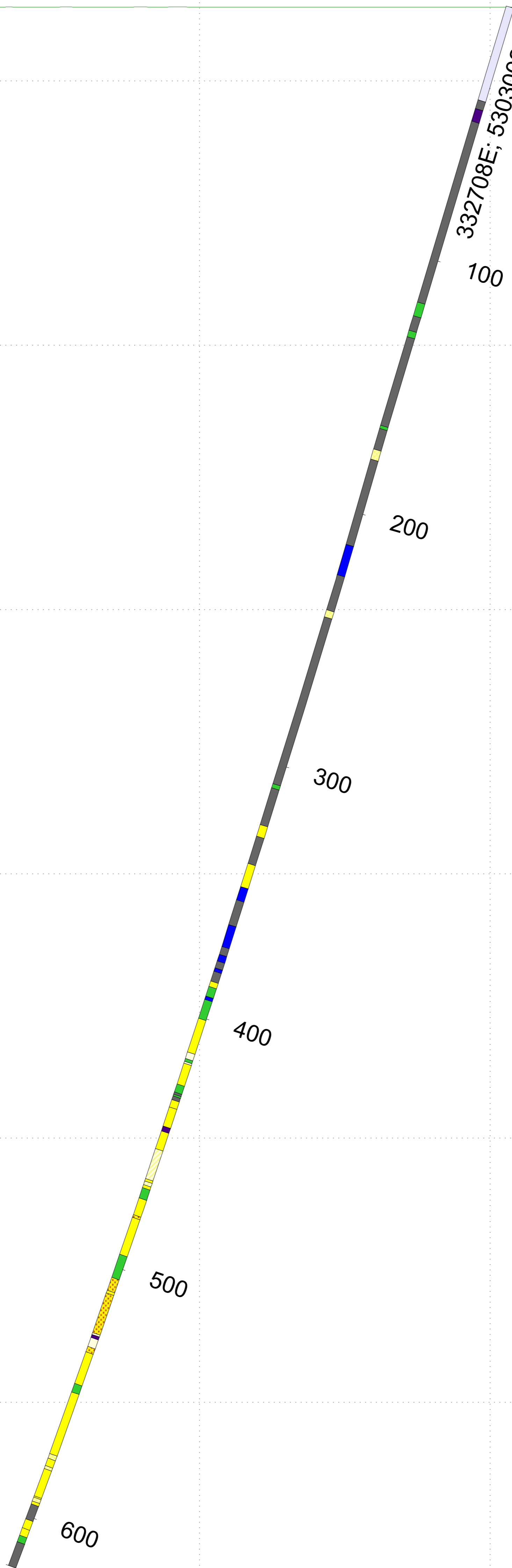
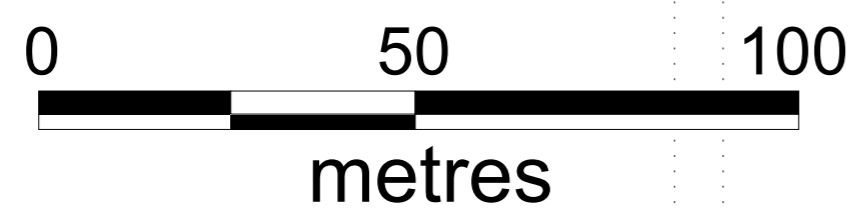
General_Litho
TraceShade

Hole ID
Depth
Azimuth & Dip
mm given at scale of 1:1000

Legends

LithologyBorden_General

- OB
- Felsic Gneiss
- Granitic Gneiss
- Pegmatite
- Garnet Biotite Gneiss
- QFP
- Granite
- Banded Gneiss
- Quartz Vein
- Amphibolite
- Ultramafic dyke
- Not Drilled
- Diorite
- Biotite Gneiss
- Diabase Dyke
- Amphibole Gneiss
- Graphitic Schist
- Ultramafic



BL15-754
Depth: 620m
Az:202.47 Dip:-73.3

BL15-736
 Section 2350mSE
 Claim 4242560

Collar Easting, Northing	General_Litho	TraceShade	Hole ID	Depth	Azimuth & Dip
mm given at scale of 1:1000					

Legends	
Lithology	Borden_General
	OB
	Felsic Gneiss
	Granitic Gneiss
	Pegmatite
	Garnet Biotite Gneiss
	QFP
	Granite
	Banded Gneiss
	Quartz Vein
	Amphibolite
	Ultramafic dyke
	Not Drilled
	Diorite
	Biotite Gneiss
	Diabase Dyke
	Amphibole Gneiss
	Graphitic Schist
	Ultramafic

