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Technical Report
for MNDM Assessment Purposes,
2016 Drilling Program

PC Gold – Pickle Crow Property

Connell, McCullagh, Tarp Lake, Dona Lake, and Firstloon Lake Townships
Patricia Mining Division, Northwestern Ontario

Prepared For:

First Mining Finance Corporation

Prepared by:

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December 23rd, 2016

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1 Introduction

The Pickle Crow Property consists of 105 patents and 88 claims covering the historic Pickle Crow Gold mine which are fully owned by PC Gold Inc., with the exception of 5 claims which are under option from Rubicon Minerals Inc.. The property is located 400 km north of Thunder Bay, Ontario and 8 km northeast of the town of Pickle Lake. There are paved roads all the way to Pickle Lake, along the Trans-Canada Highway and Highway 599. From Pickle Lake, access to the Pickle Crow Mine site is along a good gravel road that connects to Highway 599 near the village of Central Patricia.

The property covers an 19 km SW-NE by 7 km SE-NW portion of the Pickle Lake greenstone belt of the Uchi subprovince. Extensive exploration in the past consisting of geological mapping, prospecting, airborne and ground magnetic and electromagnetic surveys and some soil sampling, was centered on the historic mine workings. Although the mine was closed in 1966, there is still abundant mineralization in the rocks on the property as the mine was closed for economic reasons due to chronic low gold prices, not because the deposit was mined out. The Pickle Crow property currently hosts a NI 43-101 compliant inferred resource of 1,262,000 oz. at 3.9 g/t Au (Hennessey et al., 2011).

2 Terms of Reference

This report was prepared at the request of First Mining Finance Corporation ("First Mining") for the use of filing assessment as required under the Ontario Mining Act.

3 Disclaimer

This report is based on information from PC Gold's 43-101 report written by Howard Coates and William Anderson in April 2008, as well as assessment reports, private reports and general geological reports and maps listed in Section 14 "References" below. Most of these reports were prepared before the implementation of NI 43-101. Although many authors of such reports appear to be qualified and the information was prepared to standards acceptable at the time, the presentation of the data does not meet present requirements and therefore the author is unable to ascertain the full quality of the information. The author does not take responsibility for the information provided from such sources.

4 Property Description and Location

The Pickle Crow Gold Property is located at approximately 51°31' North latitude and 90° West longitude, about 400 km north of Thunder Bay, Ontario (Figure 1). The Property consists of a mix of contiguous patented and non-patented mining claims covering a total of 15,600 hectares (Table 1 and Figures 2-7). The core area encompassing the past-producing Pickle Crow gold mine has dimensions of approximately 4 km SW-NE by 1.5 km SE-NW, and comprises 98 patented mining claims covering 1,533 hectares (3,788 acres) (Figure 3).

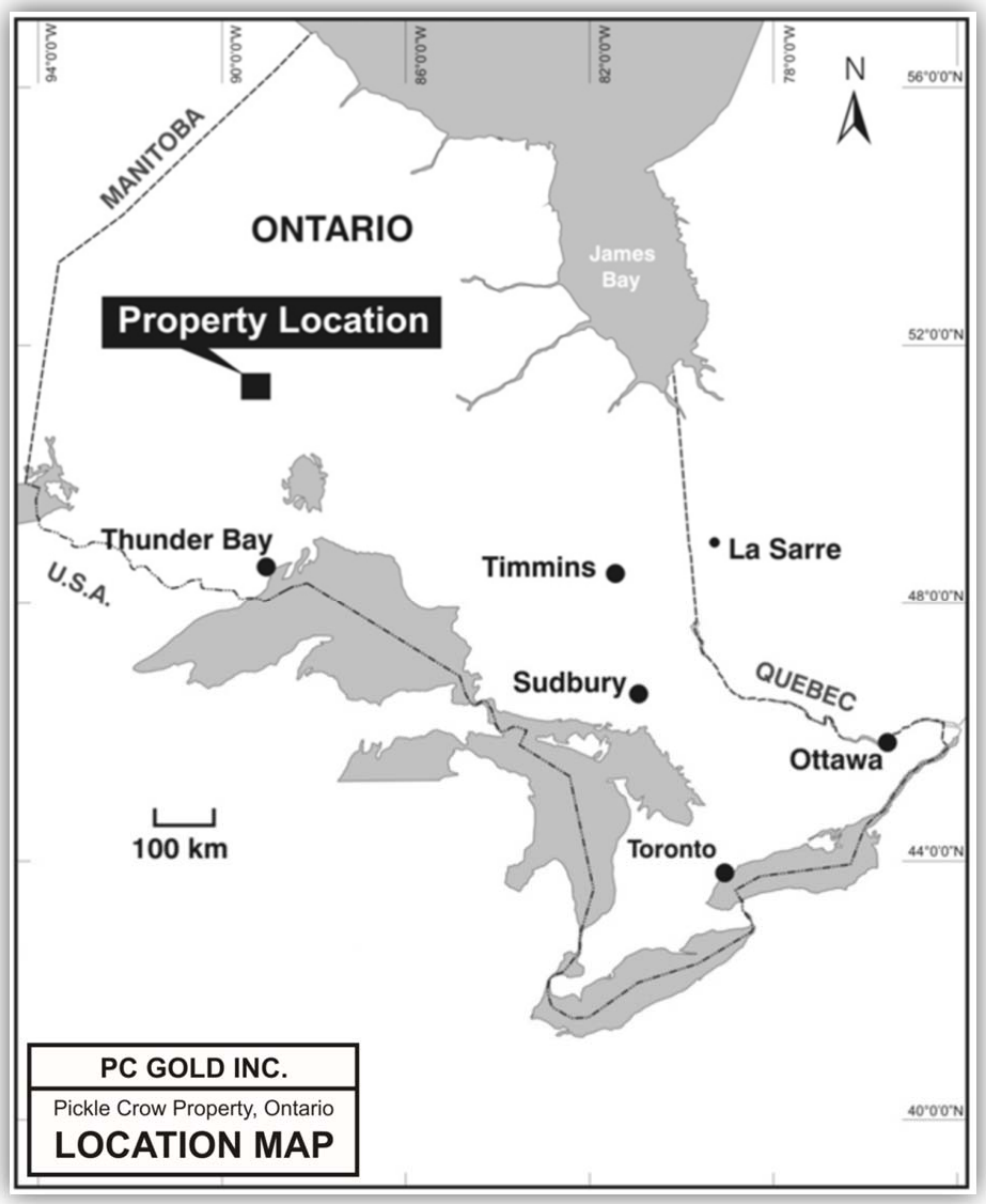

Figure 1 - General Location Map

Table 1 - Pickle Crow Claims

Claim Number	Township	Units	Date Recorded	Recorded Owner
4242656	Connell	8	May 23, 2008	PC Gold Inc.
4242657	Connell	6	May 23, 2008	PC Gold Inc.
4242658	Connell	12	May 23, 2008	PC Gold Inc.
4242659	Connell	9	May 23, 2008	PC Gold Inc.
4242660	Connell	4	May 23, 2008	PC Gold Inc.
4242661	McCullagh	7	May 23, 2008	PC Gold Inc.
4242662	Firstloon Lake	16	May 23, 2008	PC Gold Inc.
4242663	McCullagh	9	May 23, 2008	PC Gold Inc.
4242664	McCullagh	10	May 23, 2010	PC Gold Inc.
4242665	Connell	11	May 23, 2008	PC Gold Inc.
4242791	Connell	7	May 23, 2008	PC Gold Inc.
4242792	Connell	16	May 23, 2008	PC Gold Inc.
4242793	Connell	16	May 23, 2008	PC Gold Inc.
4242794	Connell	14	May 23, 2008	PC Gold Inc.
4242795	Connell	7	May 23, 2008	PC Gold Inc.
4242796	McCullagh	4	May 23, 2008	PC Gold Inc.
4242797	Connell	2	May 23, 2008	PC Gold Inc.
4242798	Connell	7	May 23, 2008	PC Gold Inc.
4245794	McCullagh	2	Feb 11, 2014	PC Gold Inc.
4245795	McCullagh	3	Feb 11, 2014	PC Gold Inc.
4245796	McCullagh	3	Feb 11, 2014	PC Gold Inc.
1234500	CONNELL	16	Apr 04, 2003	PC Gold Inc.
3004371	CONNELL	16	Apr 04, 2003	PC Gold Inc.
4244878	DONA LAKE AREA	11	Jun 16, 2009	PC Gold Inc.
4244879	DONA LAKE AREA	14	Jun 16, 2009	PC Gold Inc.
4244880	DONA LAKE AREA	2	Jun 16, 2009	PC Gold Inc.
4249591	PONSFORD	11	Jun 16, 2009	PC Gold Inc.
4249592	CONNELL	11	Jun 16, 2009	PC Gold Inc.
4249593	DONA LAKE AREA	15	Jun 16, 2009	PC Gold Inc.
4249594	DONA LAKE AREA	15	Jun 16, 2009	PC Gold Inc.
4249595	DONA LAKE AREA	12	Jun 16, 2009	PC Gold Inc.
4249596	DONA LAKE AREA	15	Jun 16, 2009	PC Gold Inc.
4249597	DONA LAKE AREA	8	Jun 16, 2009	PC Gold Inc.
4249598	DONA LAKE AREA	16	Jun 16, 2009	PC Gold Inc.
4249599	DONA LAKE AREA	16	Jun 16, 2009	PC Gold Inc.
4249600	DONA LAKE AREA	14	Jun 16, 2009	PC Gold Inc.
3002045	CONNELL	8	May 06, 2002	PC Gold Inc.
3002046	CONNELL	16	May 06, 2002	PC Gold Inc.
3002048	CONNELL	8	May 06, 2002	PC Gold Inc.

Claim Number	Township	Units	Date Recorded	Recorded Owner
3002050	CONNELL	8	May 06, 2002	PC Gold Inc.
4241793	CONNELL	2	Feb 05, 2010	PC Gold Inc.
4241794	CONNELL	2	Feb 05, 2010	PC Gold Inc.
4241795	CONNELL	3	Feb 05, 2010	PC Gold Inc.
1244526	CONNELL	7	Feb 22, 2002	PC Gold Inc.
1244527	CONNELL	2	Feb 22, 2002	PC Gold Inc.
1234483	DONA LAKE AREA	1	Mar 13, 2003	PC Gold Inc.
1234484	DONA LAKE AREA	12	Mar 13, 2003	PC Gold Inc.
1234485	DONA LAKE AREA	1	Mar 13, 2003	PC Gold Inc.
1234486	DONA LAKE AREA	1	Mar 13, 2003	PC Gold Inc.
1234487	DONA LAKE AREA	16	Mar 13, 2003	PC Gold Inc.
1234488	DONA LAKE AREA	4	Mar 13, 2003	PC Gold Inc.
1234489	DONA LAKE AREA	16	Mar 13, 2003	PC Gold Inc.
1234490	DONA LAKE AREA	16	Mar 13, 2003	PC Gold Inc.
1234491	DONA LAKE AREA	16	Mar 13, 2003	PC Gold Inc.
1234492	CONNELL	16	Mar 13, 2003	PC Gold Inc.
1234493	CONNELL	1	Mar 13, 2003	PC Gold Inc.
1234494	CONNELL	4	Mar 13, 2003	PC Gold Inc.
1234495	CONNELL	2	Mar 13, 2003	PC Gold Inc.
1234496	CONNELL	4	Mar 13, 2003	PC Gold Inc.
1234497	CONNELL	16	Mar 13, 2003	PC Gold Inc.
1234498	CONNELL	16	Mar 13, 2003	PC Gold Inc.
4254823	CONNELL	4	Mar 16, 2010	PC Gold Inc.
1234499	CONNELL	2	Apr 04, 2003	PC Gold Inc.
3002047	CONNELL	9	May 06, 2002	PC Gold Inc.

Table 2 - Patents Pickle Crow

Patent Number	Parcel Number	Township	PIN	Area (ha)
PA63	PCL 665	McCullagh	42033-0004	16.84
PA64	PCL 666	Connell	42032-0180	15.95
PA65	PCL 667	McCullagh	42033-0006	11.61
PA66	PCL 668	McCullagh	42033-0005	23.80
PA67	PCL 654	Connell	42032-0178	9.36
PA68	PCL 655	Connell	42032-0179	12.56
PA69	PCL 669	Connell	42032-0035	9.95
PA70	PCL 670	Connell	42032-0026	18.21
PA188	PCL 1269	Connell	42032-0045	20
PA189	PCL 1270	Connell	42032-0173	18.22
PA199	PCL 1271	Connell	42032-0048	14.19

Patent Number	Parcel Number	Township	PIN	Area (ha)
PA200	PCL 1272	Connell	42032-0047	12.66
PA201	PCL 1273	Connell	42032-0046	17.69
PA202	PCL 1274	Connell	42032-0174	13.48
PA637	PCL 554	Connell	42032-0109	19.36
PA638	PCL 555	Connell	42032-0108	12.76
PA639	PCL 556	Connell	42032-0115	19.93
PA640	PCL 557	Connell	42032-0176	16.54
PA644	PCL 558	Connell	42032-0176	18.44
PA646	PCL 559	Connell	42032-0050	21.56
PA665	PCL 1307	Connell	42032-0005	13.97
PA666	PCL 1308	Connell	42032-0006	13.54
PA667	PCL 1309	Connell	42032-0007	15.61
PA668	PCL 1312	Connell	42032-0012	16.41
PA669	PCL 1314	Connell	42032-0013	18.34
PA670	PCL 1310	Connell	42032-0014	17.33
PA675	PCL 649	Connell	42032-0125	10.26
PA676	PCL 623	Connell	42032-0124	9.94
PA677	PCL 624	Connell	42032-0123	11.71
PA684	PCL 648	Connell	42032-0110	9.84
PA685	PCL 625	Connell	42032-0111	10.67
PA686	PCL 626	Connell	42032-0112	12.99
PA696	PCL 627	Connell	42032-0113	14.08
PA697	PCL 628	Connell	42032-0122	16.25
PA698	PCL 629	Connell	42032-0121	11.99
PA699	PCL 560	Connell	42032-0061	18.3
PA700	PCL 561	Connell	42032-0060	17.06
PA701	PCL 562	Connell	42032-0114	11.28
PA702	PCL 563	Connell	42032-0065	9.45
PA703	PCL 564	Connell	42032-0063	11.63
PA704	PCL 565	Connell	42032-0062	12.11
PA705	PCL 630	Connell	42032-0106	18.87
PA706	PCL 631	Connell	42032-0105	20.51
PA707	PCL 632	Connell	42032-0057	26.41
PA725	PCL 633	Connell	42032-0042	20.72
PA726	PCL 634	Connell	42032-0043	22.42
PA727	PCL 635	Connell	42032-0044	10.81
PA728	PCL 636	Connell	42032-0051	25.05
PA729	PCL 637	Connell	42032-0099	23.27
PA730	PCL 638	Connell	42032-0101	16.6
PA735	PCL 639	Connell	42032-0058	16.58
PA736	PCL 640	Connell	42032-0056	18.8

Patent Number	Parcel Number	Township	PIN	Area (ha)
PA737	PCL 641	Connell	42032-0040	20.69
PA738	PCL 642	Connell	42032-0039	18.15
PA739	PCL 643	Connell	42032-0038	23.84
PA740	PCL 610	Connell	42032-0037	27.99
PA741	PCL 611	Connell	42032-0059	20.44
PA742	PCL 612	Connell	42032-0107	17.59
PA743	PCL 613	Connell	42032-0031	13.71
PA744	PCL 614	Connell	42032-0032	21.37
PA745	PCL 615	Connell	42032-0033	7.65
PA746	PCL 644	Connell	42032-0053	19.94
PA747	PCL 650	Connell	42032-0052	21.37
PA748	PCL 616	Connell	42032-0049	20.31
PA749	PCL 617	Connell	42032-0041	19.83
PA750	PCL 618	Connell	42032-0055	21.30
PA751	PCL 619	Connell	42032-0103	24.19
PA755	PCL 620	Connell	42032-0024	6.66
PA756	PCL 621	Connell	42032-0022	4.18
PA757	PCL 622	Connell	42032-0030	20.07
PA758	PCL 651	Connell	42032-0029	15.54
PA759	PCL 652	Connell	42032-0028	15.02
PA760	PCL 653	Connell	42032-0027	16.25
PA761	PCL 645	Connell	42032-0118	17.72
PA762	PCL 646	Connell	42032-0117	20.45
PA763	PCL 647	Connell	42032-0120	25.49
PA773	PCL 656	Connell	42032-0011	10.27
PA774	PCL 657	Connell	42032-0020	12.72
PA775	PCL 658	Connell	42032-0021	6.53
PA776	PCL 659	Connell	42032-0010	11.67
PA777	PCL 660	Connell	42032-0018	7.88
PA778	PCL 661	Connell	42032-0019	4.90
PA779	PCL 662	Connell	42032-0009	5.74
PA780	PCL 663	Connell	42032-0016	6.13
PA781	PCL 664	Connell	42032-0017	3.18
PA2011	PCL 566	Connell	42032-0119	23.56
PA2061	PCL 1267	Connell	42032-0036	20.65
PA2062	PCL 1305	Connell	42032-0034	18.16
PA2062A	PCL 1305	Connell	42032-0034	15.3
PA2063	PCL 1268	Connell	42032-0172	15.86
PA2071	PCL 1313	Connell	42032-0025	17.66
PA2072	PCL 1313	Connell	42032-0025	2.39
PA2074	PCL 1311	Connell	42032-0023	10.51

Patent Number	Parcel Number	Township	PIN	Area (ha)
PA2133	PCL 1466	Connell	42032-0015	14.01
PA2139	PCL 1464	Connell	42032-0008	11.96
PA2140	PCL 1469	Connell	42032-0003	21.99
PA2141	PCL 1468	Connell	42032-0004	21.10
PA2185	PCL 567	Connell	42302-0064	7.92

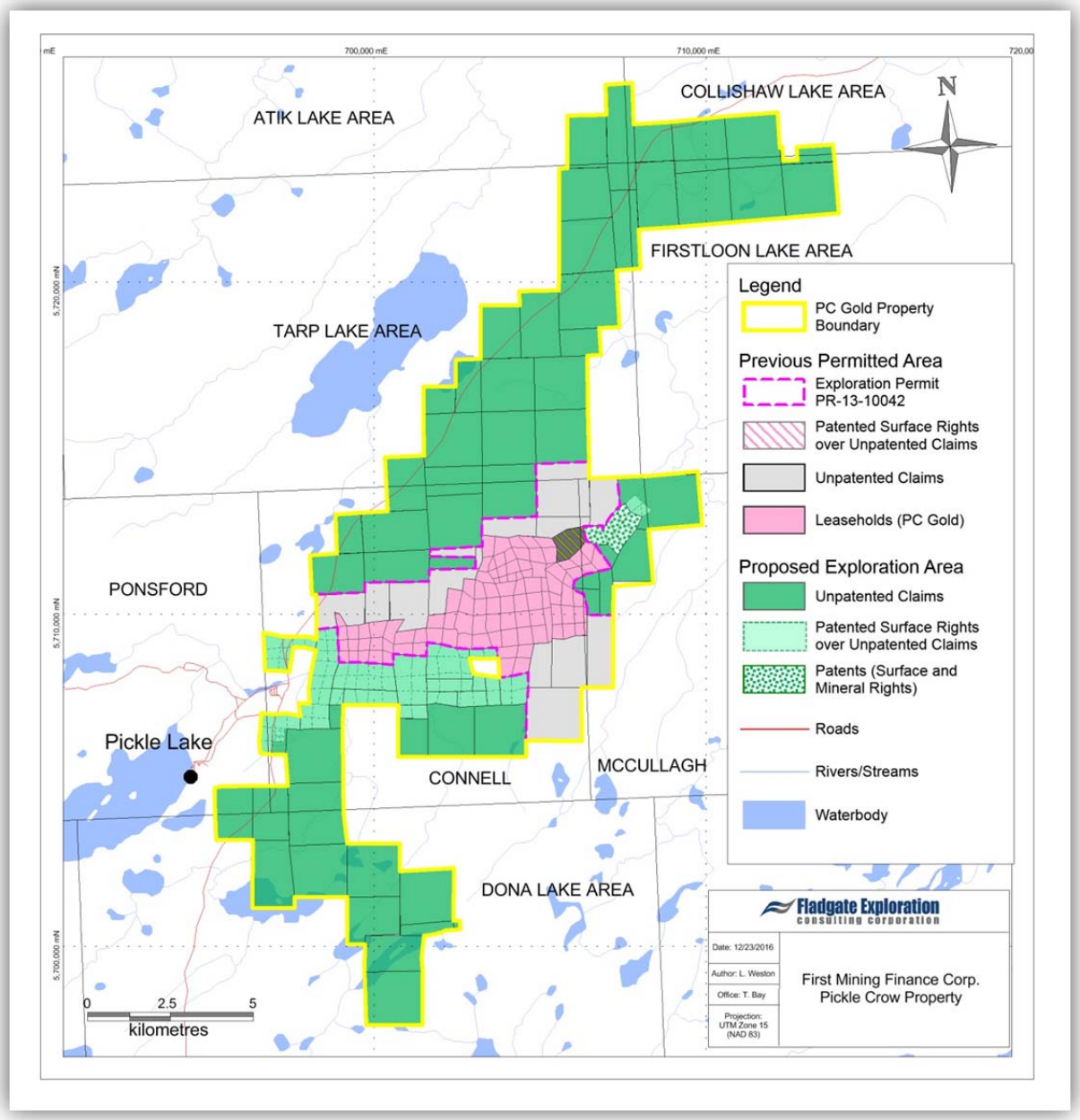

Figure 2 - Index map of PC Gold Property claims

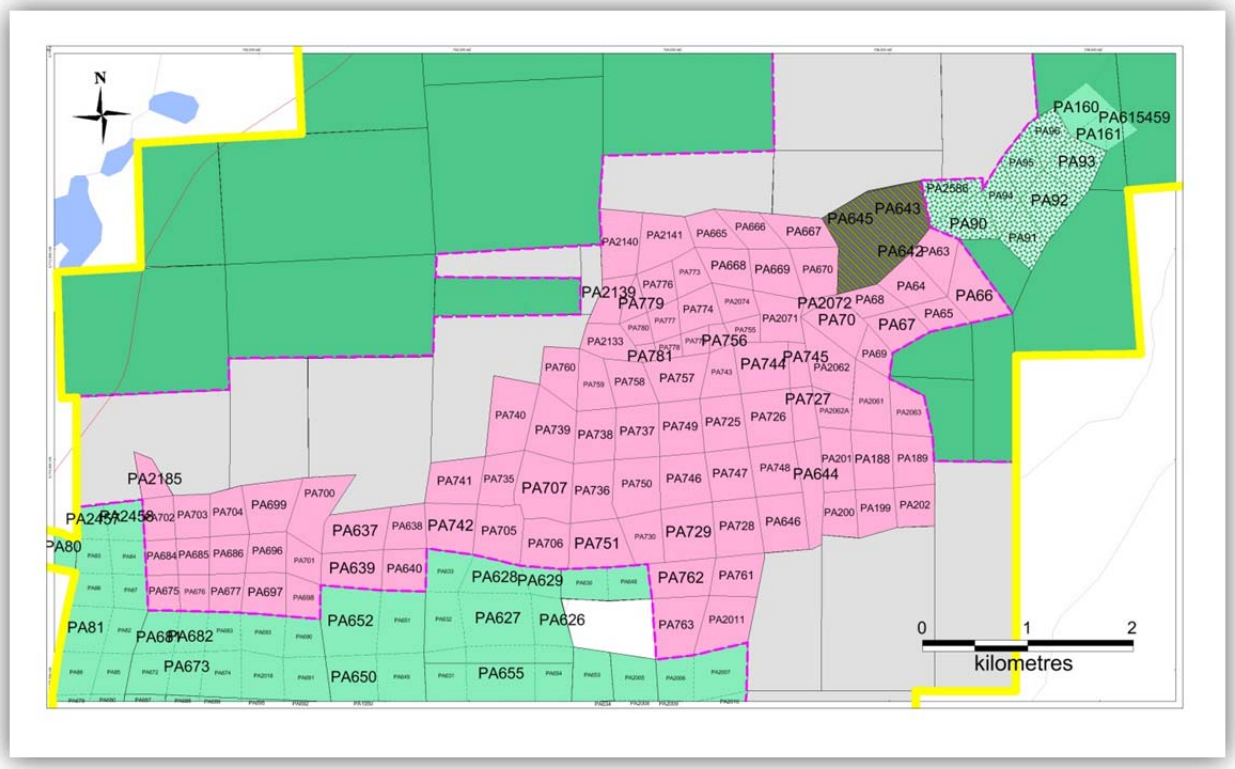

Figure 3 - Leaseholds on the PC Gold Property

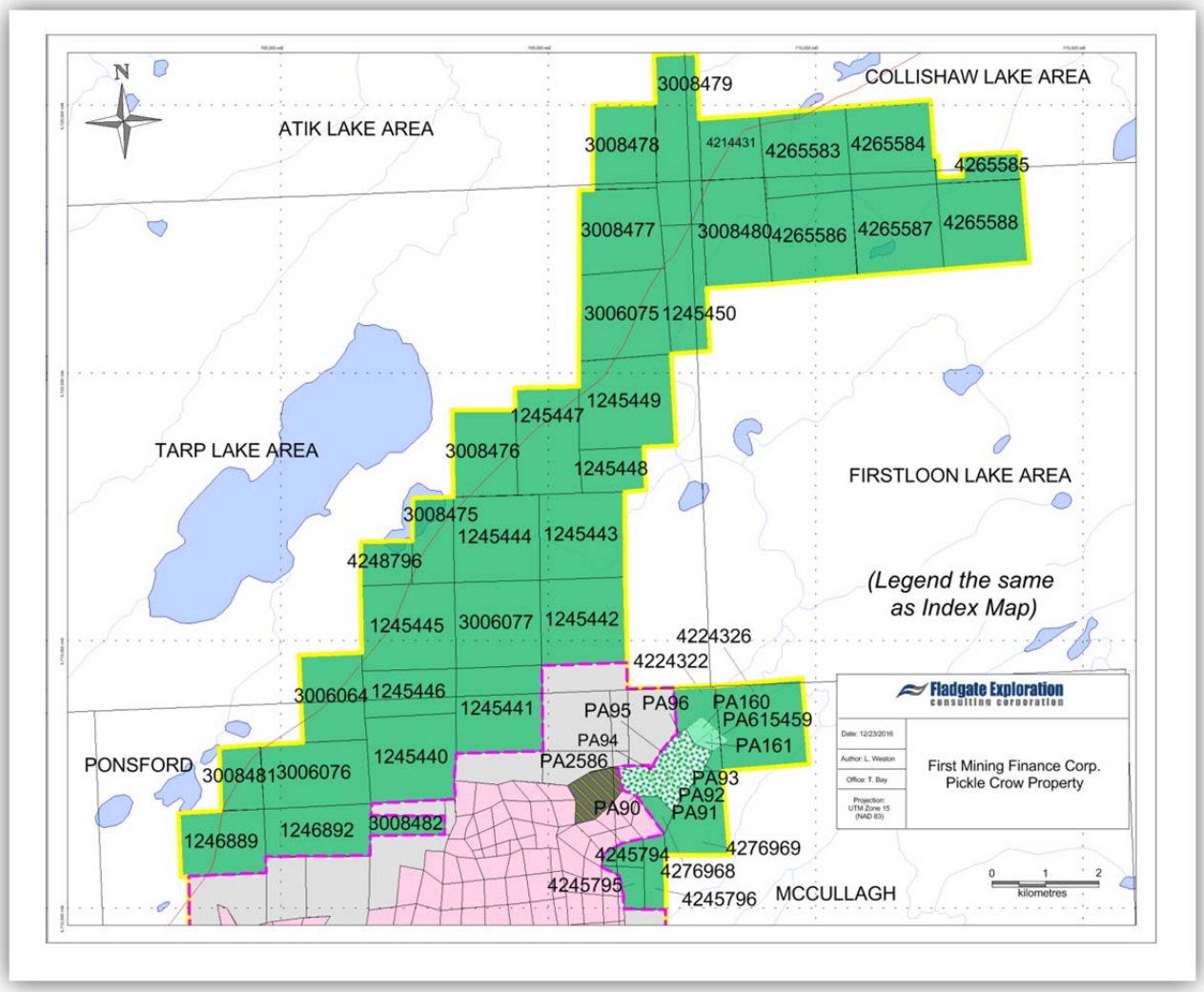

Figure 4 - Northern section of claim block

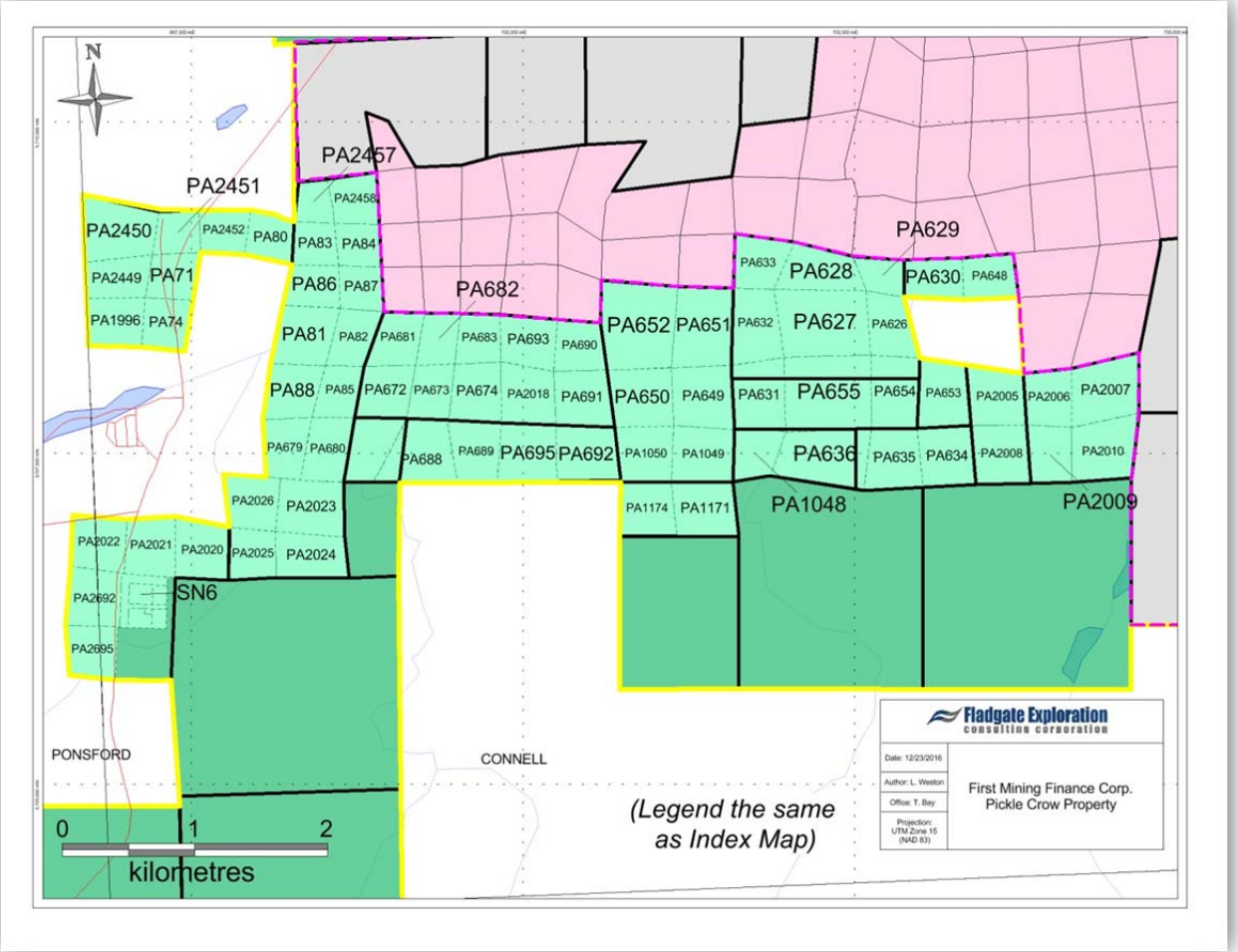

Figure 5 - Middle section of claim block

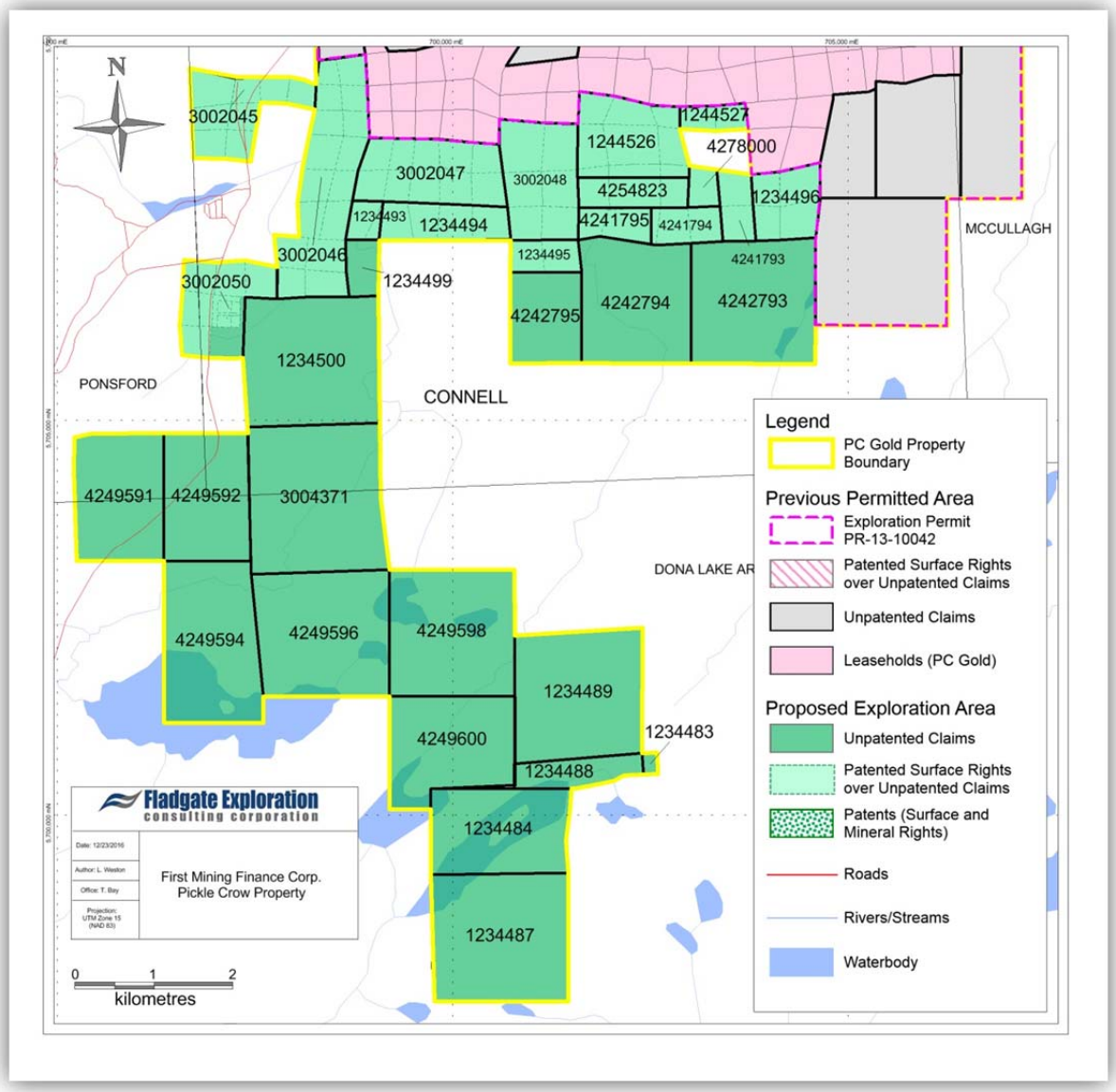

Figure 6 - Southern section of claim block

5 Accessibility, Local Resources and Infrastructure

The property access is illustrated in Figure 7. The area is reached from the City of Thunder Bay by proceeding west along paved Trans-Canada Highway 17 approximately 245 km to the town of Ignace, then northward on paved Provincial Route 599 approximately 290 km to the town of Pickle Lake. From Pickle Lake, access to the Pickle Crow Mine site is along a well-maintained gravel road that connects to Highway 599 near the village of Central Patricia. The total road distance to the property from Thunder Bay is approximately 545 km.

Pickle Lake (population ~500) is the most northerly community in Ontario that has year-round access by road. The town was founded in the late 1920s after gold was discovered nearby. Between 1928 and 1995 over 2.5 million ounces of gold were produced from the Pickle Lake district (Central Patricia, Pickle Crow and Dona Lake Mines) and in the 1970s, copper was also mined at the nearby Thierry Mine. Pickle Lake can provide modern housing as well as basic educational, medical, recreational, and shopping facilities. Labour, industrial supplies and services for mining and exploration activities are readily available in the region.

The Canadian National Railway crosses Highway 599 at Savant Lake, the closest railhead, located some 170 km south of the property. There is a small municipal airport at Pickle Lake as well as a float plane base. Scheduled daily flights are available to Thunder Bay.

The Pickle Crow Gold Property has significant onsite permanent facilities including an office, a core-logging facility and a 225-tonne per day modular gold ore processing plant. Other facilities and services such as telephone lines, adequate electrical energy for a mining/milling operation, and an adequate fresh water supply, are all situated within several km of the Property.

6 Climate and Physiography

Climatic conditions are typical of northwestern Ontario. Mean total precipitation for Pickle Lake is 717.4 mm including 492.9 mm of rainfall and 263.2 cm of snowfall. Higher levels of rainfall typically occur in July (average 105.4 mm) while the highest level of snowfall usually occurs in the month of November (average 57.3 cm). The mean July daily temperature is 17.7˚C while the mean January daily temperature is -20.5˚C. Recorded temperatures have ranged from a low of -51.25˚C in February 1934 to a maximum temperature of 40.0˚C in June 1933 (Source: Meteorological Service of Canada).

The Pickle Crow Gold Property has low to moderate relief and undulating terrain with elevations to approximately 360 m above sea level. The main drainage feature in the area is the Kawinogans (Crow) River which is part of the major Attawapiskat River drainage system that flows into James Bay. Most of the property was originally covered by a combination of glacial overburden, wetlands and water, although fairly abundant outcrop is found in scattered places. Features related to the historic mining activities such as waste rock and tailings areas, disused surface pits, building sites and access roads now occupy a substantial part of the Property.

The Property is situated in the Northern Coniferous Section of the Boreal Forest Region of northwestern Ontario. Forest stands are typically mixed with a variety of species including black and white spruce with balsam fir, aspen, and birch. Jack pine stands occur in well drained coarse textured soil areas. Shrubs in the area include blueberries, Labrador tea and leather leaf.

Wildlife (mammals) typical of the region include moose, wolf, lynx, bobcat, fisher, marten, wolverine, river otter, least weasel, short-tail weasel, mink, snowshoe hare, red squirrel and beaver. Numerous species of wild birds are known to occur in the region. Pike and pickerel fish species are present in the Kawinogans (Crow) River.

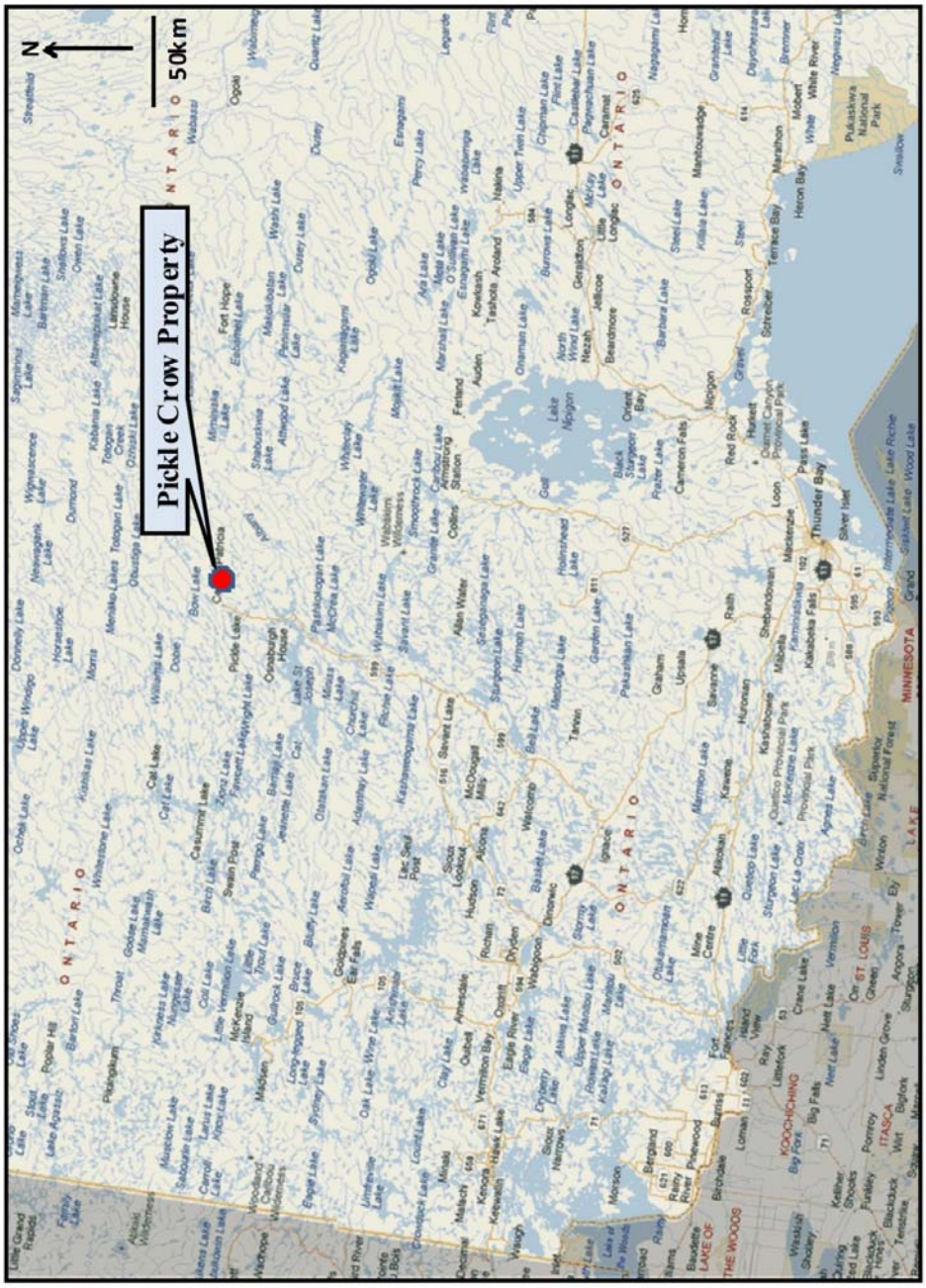

Figure 7 - Northwestern Ontario Access Routes

7 Geological Setting

There are several reports and compilations that describe the regional geology of the Pickle Lake Greenstone belt with the focus on the Pickle Crow Mine area. The geological descriptions below are essentially a compilation of all available published and unpublished sources including maps of the Ontario Geological Survey and Geological Survey of Canada, those accompanying various theses and the detailed diamond drill logs of mineralized zones and field maps of various companies that have worked in the Pickle Crow area. The reports on prospecting operations by various companies also address this matter to varying degrees of detail. This work is best summarized by Hennessey (2011).

The Pickle Crow Gold Property lies within the Pickle Lake greenstone belt portion of the Uchi subprovince, which is within the Superior Province of the Canadian Shield. The Pickle Lake greenstone belt comprises an approximately 70 km long by 25 km wide area of supracrustal rocks and internal granitoid plutons surrounded by large granitoid batholiths. The supracrustal rocks have been deformed and metamorphosed to greenschist facies with amphibolite facies occurring in the thermal aureoles of younger plutonic bodies. The Pickle Lake greenstone belt is subdivided into three tectono-stratigraphic assemblages including: the *Pickle Crow assemblage (>ca. 2860 Ma);* the *Kaminiskag assemblage (~2836 Ma);* and the *Confederation assemblage (~2744 Ma).* The Pickle Crow assemblage occupies the northwestern part of the greenstone belt and is interpreted to be unconformably overlain by the Confederation assemblage. The Kaminiskag assemblage lies outboard of the Confederation assemblage suggesting tectonic juxtaposition.

Neoarchean intrusive rocks internal and external to the greenstone belt are volumetrically significant and range in age from 2.75-2.71 Ga. Intrusive rocks external to the belt include the composite Seach-Achapi Batholith to the east and the Bow Lake Batholith to the northwest. Intrusive rocks internal to the belt include the ~2749 Ma July Falls mafic stock and a suite of semi-circular to ovoid, granodioritic to trondhjemitic plutons in the central part of the belt including; the ~2741 Ma Ochig Lake pluton, the ~2740 Ma Pickle Lake stock and the Hooker-Burkowski stock.

The Pickle Crow assemblage on the Property is dominated by tholeiitic basalts with intercalated sediments (primarily banded iron-formation), and rare calc-alkaline volcanic and volcaniclastic units.

Several deformation episodes and metamorphic events are recognized regionally within the greenstone belts of the Uchi subprovince and on the Property. On the Property, the general strike is northeast and the dip is 75° to 80°NW. The plunge of folds in the iron formation near No. 1 Shaft is due north at 75° to 80°. The rake of the three productive veins in the No. 1 Shaft area is 70° in a direction N20°E.

Gold occurrences in the Pickle Lake mining camp are classical examples of Archean low-sulphide Au-quartz veins, also known as shear-zone-hosted gold, Archean quartz-carbonate vein gold deposits, Archean lode gold and Archean mesothermal gold.

Gold mineralization on the Pickle Crow Property occurs in complexly folded and sheared mainly tholeiitic volcanic rocks of the Pickle Crow assemblage near its contact with calc-alkaline volcanic/volcaniclastic rocks of the Confederation assemblage. Host rocks for the mineralization include tholeiitic lavas, banded iron formation, intermediate volcanic/volcaniclastic rocks and quartz feldspar porphyry. Gold mineralization on the Property is associated with two styles of mineralization:

- Narrow, high-grade gold-bearing quartz veins, which were the main source of gold produced at the Pickle Crow Mine from 1935 to 1966.
- Iron formation-hosted gold mineralization adjacent to vein structures. The iron formation contains stringers and discontinuous lenses of quartz and the iron-bearing minerals have been replaced by sulphides. Both quartz and sulphides are gold-mineralized. Only a limited amount of this type of material was processed at the Pickle Crow Mine. However, iron formation-hosted gold was the main ore type at the adjacent Central Patricia Mine.

The degree and style of wall rock alteration varies with structural complexity and rock type in the Pickle Crow area. In general the more intense alteration lies in fairly close proximity to gold mineralization-hosting quartz veins and associated structures. Where alteration is more pervasive, there is usually a multiplicity of quartz veins, stringers, veinlets and fractures.

The quartz veins hosted by the mafic lavas on the Pickle Crow Property are bounded by well-defined walls which are not greatly altered. The veins have sharp contacts and the immediate vein margins are altered to grey chloritic schist with little pyrite or carbonate. The chloritic schist is believed to be the result of shearing of the mafic lavas and it grades outward into massive lavas. At the Pickle Crow Mine and adjacent Central Patricia No. 2 operation, gold values are confined almost entirely to the quartz veins.

When the gold mineralization is contained in the iron formation, it is hosted by a network of quartz veins and mineralized fractures. In these areas the iron oxide and iron carbonate minerals have been replaced by sulphides, primarily pyrrhotite, along the iron rich layers. The sulphidized iron formation forms distinct zones adjacent to gold-bearing vein structures. However, within these zones, higher and lower gold grade areas are delimited by assay boundaries rather than well marked changes in geological conditions.

8 History of Exploration on the Property

Three major extended work programs have been conducted on the Pickle Crow Property, this work is best summarized in PC Gold's 43-101 reports by Terry Hennessey in 2011 and Howard Coates and William Anderson in 2008: the first by Pickle Crow Gold Mines Limited ("PCGM") and its predecessors between 1928 and 1966; the second by Pickle Crow Explorations and various successor companies and optionors between 1966 and 2007, particularly by Highland Crow/Noramco between 1985 and 1989; and the third by PC Gold Inc. from June 2008 to the present.

Exploration which led to the discovery and exploitation of the Pickle Crow orebodies was done by a predecessor of PCGM, Northern Aerial Mineral Exploration Ltd. Regional geological mapping was done in 1938. There were various phases of exploration at Pickle Crow in the first half of the 20th century involving geological mapping, geophysical surveys, pitting, trenching and drilling, although the bulk of this work was done in close proximity to the mine workings.

The Pickle Crow Mine closed in 1966 and the Property lay dormant until 1973 when lease holder Pickle Crow Explorations Ltd. studied the economics of reopening the mine. Several companies conducted exploration work on the Property from 1974 to the present.

Ground and airborne geophysical surveys have been completed over most of the Pickle Crow Property at various times during its history. Dip needle and magnetometer surveying had been employed in the Pickle Lake region in the 1930s. A dip-needle survey completed in 1936 on the Pickle Crow Property was useful in tracing out the bands of iron formation. A detailed magnetic survey was carried out over the property by Teck Corporation around 1960.

In the years following the closure of the Pickle Crow Mine, geophysics was extensively utilized in the search for more gold mineralization. Geophysical programs included:

- Ground VLF-EM (very low frequency-electromagnetic) surveying by Prospecting Geophysics Ltd. for Gallant Gold Mines Limited (1979-80),
- Airborne magnetic and VLF-EM surveying by Terraquest Ltd. for Quinterra Resources Inc. (October, 1986),
- Ground magnetic, VLF-EM, and Induced Polarization/Resistivity (IP/Resistivity) surveying by Quantec Consulting Inc. for Noramco (1987-88).

The only known soil geochemical survey done on the Pickle Crow Property was completed for Gallant Gold Mines in 1983. The samples were collected along the same cut grid lines as used for the Gallant VLF-EM survey. B-horizon soil samples were taken at 100 ft (~30 m) intervals along the lines designated, and these cover the main conductive zones and intervening areas.

Historic drilling on the Pickle Crow Property falls under two broad categories, outline/definition drilling at the Pickle Crow Mine, and exploration drilling completed both before and after mine closure. The overall drilling database is huge and comprises:

- Early exploration drilling,
- 31 years of outline, definition and exploration drilling around the Pickle Crow Mine, and
- Several phases of surface and exploration drilling done after mine closure.

The most significant of these are reports, logs, sections, plans and assay information on surface and underground core drilling by Pickle Crow Gold Mines from 1934-1966. Although the exact amount of drilling done over this period is unknown, it is estimated that over 500,000 ft (>150 km) of core drilling was completed, including at least 3,000 underground holes and 200 surface holes.

The Pickle Crow Property has lain dormant for most of the time since mine closure, although periodic interest in the area resulted in several core drilling programs:

- In 1981, Gallant Gold Mines Limited completed a diamond drilling program of 47 holes totaling 7,536 m (25,052 ft).
- From 1985 to 1988, Highland Crow Resources/Noramco drilled a total of 286 surface drill holes with a cumulative length in excess of 46,189 m (151,540 ft). In 1987, the No. 1 Shaft was rehabilitated to allow underground drilling of 79 underground diamond drill holes totaling 9,341 m (30,647 ft).
- In 1998, Pickle Crow Resources completed a diamond drilling program to test a number of target areas near and beneath the old Albany Shaft workings. A total of 4 holes with an aggregate length of 2,287 m (7,502 ft) were drilled.
- In late 1999, Wolfden completed an 18 hole surface drilling program totaling 2,173.5 m. A variety of target areas were tested, including the No. 1 Shaft pillar iron formation, the Arsenide Vein, the No. 13 Vein, the No. 5 Vein, the E Zone, and the Boundary Zone.

In May 2002, Cantera conducted auger drilling in two of the four tailings areas to assess the possibility of recovering gold from the tailings.

In 2008, PC Gold Inc. conducted an extensive digitization, 3D modeling and diamond drill program along with several infrastructure upgrades (Lynch, 2010b). In the fall of 2009, PC Gold Inc. conducted an extensive line-cutting and ground magnetometer and Titan IP survey over the property (Lynch, 2010a).

In 2008 and 2009, PC Gold Inc. completed a diamond drilling program of 66 holes totaling 22,953 m (Lynch, 2010b & Pettigrew, 2011a). This was followed in 2010 with a diamond drilling program of 106 holes totaling 35,545 m (Pettigrew, 2011b) as well as an extensive trenching program (Sheridan, 2011).

In 2011, Aeroquest conducted an AeroTEM system electromagnetic and magnetic survey for PC Gold Inc. over a large portion of the Pickle Crow property (Pettigrew, 2011c). Two diamond drilling programs were completed, the first being 32 holes totaling 9695.1 m focusing on the Central Patricia East mineralization (Pettigrew, 2011d), and the second consisting of 100 holes totaling 21,684.72 m focusing on the No.1-No.5 BIF, No. 1 and No. 19 veins and the confederation vein zone (Vanos, 2012). Also undertaken at this time was a small trenching program to follow up the one undertaken in 2010 (Vanos, 2012). In 2012, PC Gold Inc. completed a diamond drilling program of 31 NQ-sized drill holes totaling 4579.33 m, focusing on extending the No. 22 and No. 23 veins within the confederation vein zone (Chamale, 2016).

In 2014, an exploration program consisting of diamond drilling and a small reconaissance mapping program was undertaken by PC Gold. A total of 21 NQ-sized diamond drill holes were completed totaling 4026.06 m. All casings from this program were left in place and capped. The drill program was successful, with the most significant results expanding the No. 22 and No. 23 veins within the Confederation Veins.

The mineralized zones are presented in Figure 8 and Table 3.

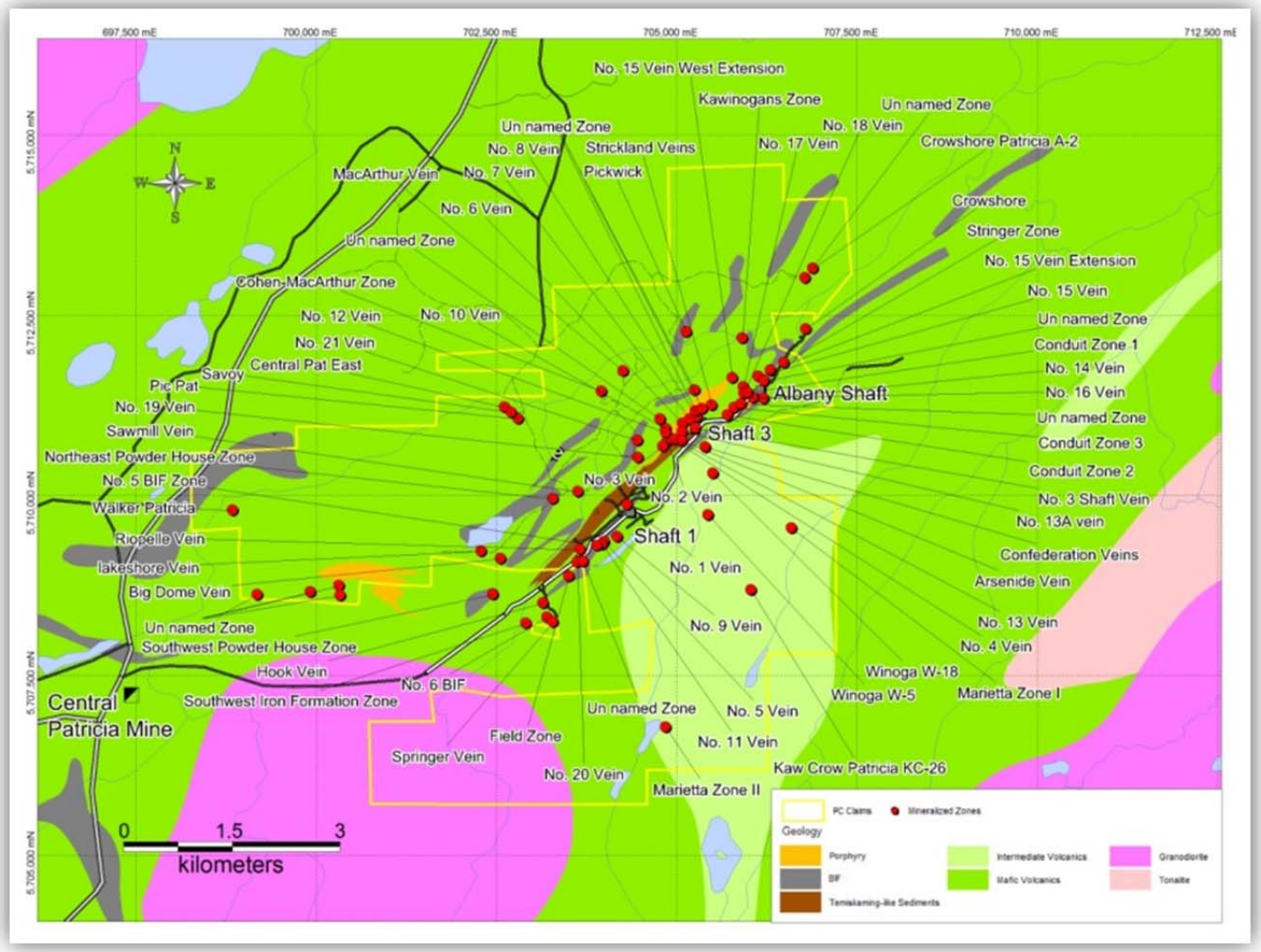

Figure 8 - Location of all known mineralized zones on the Pickle Crow Property.

Table 3 - All Known Mineralized Zones on Pickle Crow Property.

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
No. 1 Vein (Howell Vein)	704317	5709868	0	1929, historic production	Au	Vein	yes	yes	• Type example of Shaft 1 E-W type vein, strongest vein on property, high W, low As, mineralized BIF similar to No. 5 BIF on either side of vein
No. 2 Vein	704870	5710746	0	pre-1966, historic production	Au	Vein	yes	yes	• Type example of Shaft 3 E-W type vein, 2nd strongest vein on the property, high W, low As
No. 3 Vein	704811	5710676	230	pre-1966	Au	Vein			• Drifted on 750 level, small E-W Shaft 3-type vein
No. 4 Vein	704933	5710778	230	pre-1966	Au	Vein			• Small E-W Shaft 3 type vein, moderate grade
No. 5 Vein	703998	5709355	0	pre-1966, historic production	Au	Vein	yes	yes	• E-W Shaft 1 type vein
No. 6 Vein	705089	5710996	400	pre-1966, historic production	Au	Vein	yes	yes	• Typical Shaft 3 type E-W high grade vein, similar apparent echelon with No. 2 vein
No. 7 Vein	705184	5711058	700	pre-1966, historic production	Au	Vein	yes	yes	• Typical Shaft 3-type N-S vein, high grade
No. 8 Vein	705283	5711090	700	pre-1966, historic production	Au	Vein	yes	yes	• NE-SW Shaft 3-type, high-grade vein, different style but some similarities to No. 16 vein
No. 9 Vein	704180	5709422	700	pre-1966, historic production	Au	Vein			• Type example of Shaft 1 N-S type vein, high W, low As
No. 10 Vein	704849	5710923	800	pre-1966	Au	Vein			• E-W Shaft 3-type vein, low grade
No. 11 Vein	703969	5709314	0	pre-1966	Au	Vein	yes	yes	• E-W Shaft 1-type vein, parallel to No. 5 vein, intersected as deep as 1000 m
No. 12 Vein	704850	5710866	900	pre-1966	Au	Vein	yes	yes	• N-S Shaft 3 type vein, drifted on 2900' level

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
No. 13 Vein	704975	5710772	0	pre-1966	Au	Vein	yes	yes	• Type example of Shaft 3 N-S type vein, nuggety, high W, low As
No. 13A vein	705083	5710882	0	pre-1966	Au	Vein			• Shaft 3 type E-W vein, poorly defined
No. 14 Vein	706209	5711339	0	pre-1966	Au	Vein	yes	yes	• Defined only by hole GA81-6, not reproduced in subsequent drilling, veining and sulfide mineralization in argillaceous, graphitic BIF
No. 15 Vein (D Zone)	706135	5711648	0	pre-1966	Au	Vein	yes	yes	• Albany Shaft high grade (with abundant VG), E-W vein, the shear that hosts the vein is the strongest 2nd structure in the Albany shaft area; vein extent limited
No. 15 Vein (D Zone) Extension	706302	5711732	0	pre-1966	Au	Vein			• NE-SE stringer type NE extension of a parallel vein system to the No. 15 vein
No. 15 Vein West Extension	705775	5711630	0	1930s	Au	Vein	yes	yes	• Western extension of the strong shear zone and minor quartz veining of the No. 15 Vein, low to moderate grades
No. 16 Vein	706063	5711355	0	pre-1966	Au	Vein	yes	yes	• Type example of Albany shaft NE-SW vein, no VG, highest grades when cutting BIF with sulfidized wall rock halos, appears to be related to Conduit-style mineralization
No. 17 Vein (E Zone)	705929	5711502	0	pre-1966	Au	Vein			• Very narrow, Albany Shaft-type high-grade quartz vein hosted in shear zone in basalt; drilling has failed to show down-dip continuity; possible indication that it may dip to the SE
No. 18 Vein (NE Porphyry Veins)	705936	5711414	0	1980	Au	Vein			• Series of strong and sometimes wide quartz veins along NE margin of Albany porphyry, low grade

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
No. 19 Vein	704464	5710522	500	2009	Au	Vein	yes	yes	• Typical Shaft 3 E-W type vein, very similar to historic No. 2 vein, hosted in Pickle Crow Porphyry
No. 20 Vein	703623	5709071	0	2010	Au	Vein			• Typical E-W Shaft 1-type vein, high W, low As, narrow pinch and swell, may be extension of No. 5 or 11 vein
No. 21 Vein	704462	5710760	300	2010	Au	Vein			• Differs from typical Core Mine Trend veins, erratic, often present as wide zone of shearing, with moderate to high As
No. 3 Shaft Vein	705263	5710931	0	pre-1966	Au	Vein			• Nuggety, E-W Shaft 3 type vein, poorly-delineated
Arsenide Vein	705077	5710754	230	1930s	Au	Vein			• N-S trending vein/alteration zone, different from typical Core Mine Trend vein, Au associated with As, appears to be related to No. 21 Vein
Big Dome Vein	702562	5709120	0	1930s	Au	Vein			• N-S quartz vein similar in appearance to Pickle Crow-type vein but very low grade
Lakeshore Vein	702293	5709222	0	1930s	Au	Vein			• E-W quartz vein similar in appearance to Pickle Crow-type vein but very low grade
Sawmill Vein	703637	5710046	0	1930s	Au	BIF			• Quartz veining in BIF, similar to NE Powder House
MacArthur Vein	704263	5711722	0	1930s	Au	Vein			• Cohen-MacArthur trend style, Au-As veining/shearing hosted in basalt
Riopelle Vein	703667	5709242	0	1930s	Au	Vein			• Typical E-W Shaft 1-type vein, high W, low As
Hook Vein	703152	5708501	0	1930s	Au	Vein			• N-S Shaft 1-type thick quartz vein, low grades (not on PC Gold Property)
Springer Vein	703290	5708235	0	1930s, historic production	Au	Vein			• High grade, contorted E-W Shaft 1-type vein (not on PC Gold Property)

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
Southwest Powder House Zone	702454	5708626	0	1980s	Au	BIF			• Similar to NE Powder House Zone (not on PC Gold Property)
Field Zone	703506	5708874	0	1980s	Au	BIF			• Extension of No. 1 BIF and related mineralization (not on PC Gold Property)
No. 6 BIF	703202	5708306	0	1980s	Au	BIF			• Extension of No. 1 BIF and related mineralization (not on PC Gold Property)
Southwest Iron Formation Zone	702915	5708220	0	pre-1966	Au	BIF			• MDI000000000202 (not on PC Gold Property)
Northeast Powder House Zone	703290	5709948	0	1980s	Au	BIF		yes	• Complexly folded sulfide and quartz stock work veining in BIF similar to Kawinogans Zone
No. 5 BIF Zone	703899	5709299	0	pre-1966	Au	BIF	yes	yes	• Higher grade zone of mineralization within No. 1 BIF where No. 5 Vein shear cuts obliquely through it
Unnamed Zone	703705	5709081	200	1980s	Au	BIF	yes		• Higher grade zone of mineralization within No. 1 BIF
Unnamed Zone	704771	5711056	150	2010	Au	Vein			• Similar to No. 21 Vein with moderate As, one hole defines the vein (PC-10-118)
Central Pat East	702614	5711219	0	2010	Au	BIF			• Disseminated & stock-work quartz-arsenopyrite veinlets in BIF but also argillite and tuff, includes historical Pic Pat Showing

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
Cohen-MacArthur Zone	703959	5711440	0	1930s	Au	Shear			• Intense ankerite alteration zone, stock-work quartz veining, local sulfidation on interflow BIF, Au associated with As, type locality for Cohen-MacArthur trend mineralization
Walker Patricia	698845	5709791	0	1937	Au	BIF			• MDI52O09SE00002
Pic Pat	702801	5711059	0	1940s	Au	BIF			• Disseminated arsenopyrite-altered cherty BIF and minor quartz-arsenopyrite veinlets, part of Central Pat East Zone
Savoy	702710	5711151	0	1960	Au	Vein/ Replacement			• MDI52O09SE00016; accuracy of this location is suspect
Kawinogans Zone (Central Patricia Northeast Claims)	705915	5712179	0	2010	Au	BIF			• Similar mineralization to No. 1 BIF and NE Powder House (low As), 3 holes in 1980s by Noramco discovered mineralization but not expanded
Crowshore	706791	5712304	0	1950s	Au	Shear			• Shaft with some drifting, no production, assumed to be shear-hosted mineralization similar to Conduit-style (not on PC Gold Property)
Strickland Veins	705489	5711251	0	pre-1966	Au	Vein			• Strong veining but low grade, multiple vein directions
Confederation Veins (Winoga Prospect)	705399	5710667	0	1930s	Au	Vein			• Suite of very nuggety, but sometimes large quartz veins, hosted with Confederation assemblage, first defined in 1930s Winoga holes; also intercepted in PC-09-034, HC88-283, PC99-06 & 07; veins may represent up-dip projection of No. 8 Vein
Unnamed Zone	705265	5711167	0	pre-1966	Au	BIF			• Historical high grade hits 54" of 6.96 g/t Au in drill hole 2062-4

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
Unnamed Zone	705357	5711198	0	pre-1966	Au	Vein			• Historical high grade hits up to 15" of $4.90 and 1" $109 Au in drill holes 70-4, W45 hosted in basalt and Pickle Crow Porphyry
Unnamed Zone	705253	5711455	0	pre-1966	Au	Vein			• Historical high grade hits up to 12" of 2 oz./t in drill hole 2072-2
Conduit Zone 1	705985	5711423	25	2008	Au	Shear	yes		• Type occurrence of Conduit-style mineralization, zone is a blind, pipe-shaped body of intense quartz-sericite-carbonate-disseminated pyrite shearing and minor veining
Conduit Zone 2 (A & B Zones)	705708	5711111	0	1930s	Au	Shear			• Structurally complex highly sheared and with quartz veining; zone of qtz-ser-carb-diss py alteration
Conduit Zone 3 (C Zone)	705800	5711217	0	1930s	Au	Shear	yes		• Structurally complex highly sheared and with quartz veining zone of qtz-ser-carb-diss py alteration
Stringer Zone (Sgmoid Vein)	706491	5711838	0	pre-1966	Au	Vein			• Discontinuous quartz stringer, historical reports up to 28 oz./t, may be NE extension of D Zone/No. 15
Unnamed Zone	705896	5711263	190	1930s	Au	BIF			• Up to 0.65 oz./t in sulfidized BIF, most likely the SW extension of the No. 16 Vein structure
Unnamed Zone	706218	5711586	40	1930s	Au	Vein			• Up to 0.74 oz./t in vein, appears to be parallel to the No. 16 Vein
Pickwick	705135	5712269	0	1930s	Au	Vein			• MDI52O09SE00005
Unnamed Zone	706783	5713016	0	1980s	Au	Vein/ Replacement			• Gallant Hole G-P-81-6, MDI52O09SE00018
Crowshore Patricia A-2	706894	5713145	0	1950s	Au	Vein/ Replacement			• MDI52O09SE00010

Name	Easting (m)	Northing (m)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
Unnamed Zone	700322	5708741	0	pre-1966	Au	Vein			• Historical high grade hit in hole 696-1; 70.97 g/t over 0.3 m
Unnamed Zone	700335	5708606	0	pre-1966	Au	Vein			• Historical high grade hit in hole 698-1; 32.91 g/t over 0.31 m
Unnamed Zone	699922	5708658	0	pre-1966	Au	Vein			• Historical high grade hit in hole 686-1; 8.91 g/t over 0.45 m
Unnamed Zone	699185	5708615	0	pre-1966	Au	Vein			• Historical high grade hit in hole 675-1; 6.86 g/t over 0.61 m
Winoga W-18	705504	5710304	0	1930s	Au	Vein			• MDI52O09SE00014
Winoga W-5	705439	5709723	0	1930s	Au	Shear			• MDI52O09SE00015
Kaw Crow Patricia KC-26	706033	5708686	0	1936	Au	Vein			• MDI52O08NE00017
Marietta Zone I	706597	5709544	0	1980s	Au	Vein			• MDI52O08NE00016
Marietta Zone II	704850	5706780	0	1980s	Au	Vein			• MDI000000000216

9 Current Program

9.1 Diamond Drilling

Drilling was conducted from November 8 to December 10, 2016 by Chibougamau Diamond Drilling Ltd. There were 9 NQ-sized diamond drill holes completed, totaling 1318.2 m (Figure 9). All casings were left in place and capped. Collar locations were surveyed by Fladgate personnel using an SX Blue differential GPS. Drill hole coordinates and statistics appear in

Table 4. A map showing drill hole locations is shown in Figure 9. All maps are projected to UTM coordinates using NAD83 Zone 15. Drill hole sections are included in Appendix I. Drill logs and down hole surveys are included in Appendix II. Assay certificates are included in Appendix III (pending).

The total cost of drilling was $121,216.40 and the total cost of this exploration program was $224,733.92 (Appendix IV). Neil Pettigrew from Fladgate Exploration supervised the drill program and is the Qualified Person for this report. Carlos Chamale, also from Fladgate Exploration, was responsible for drill supervision and core logging. Richard Brett, Carli Nap, and members of the Mishkeegogamang First Nation provided geotechnical and core cutting services.

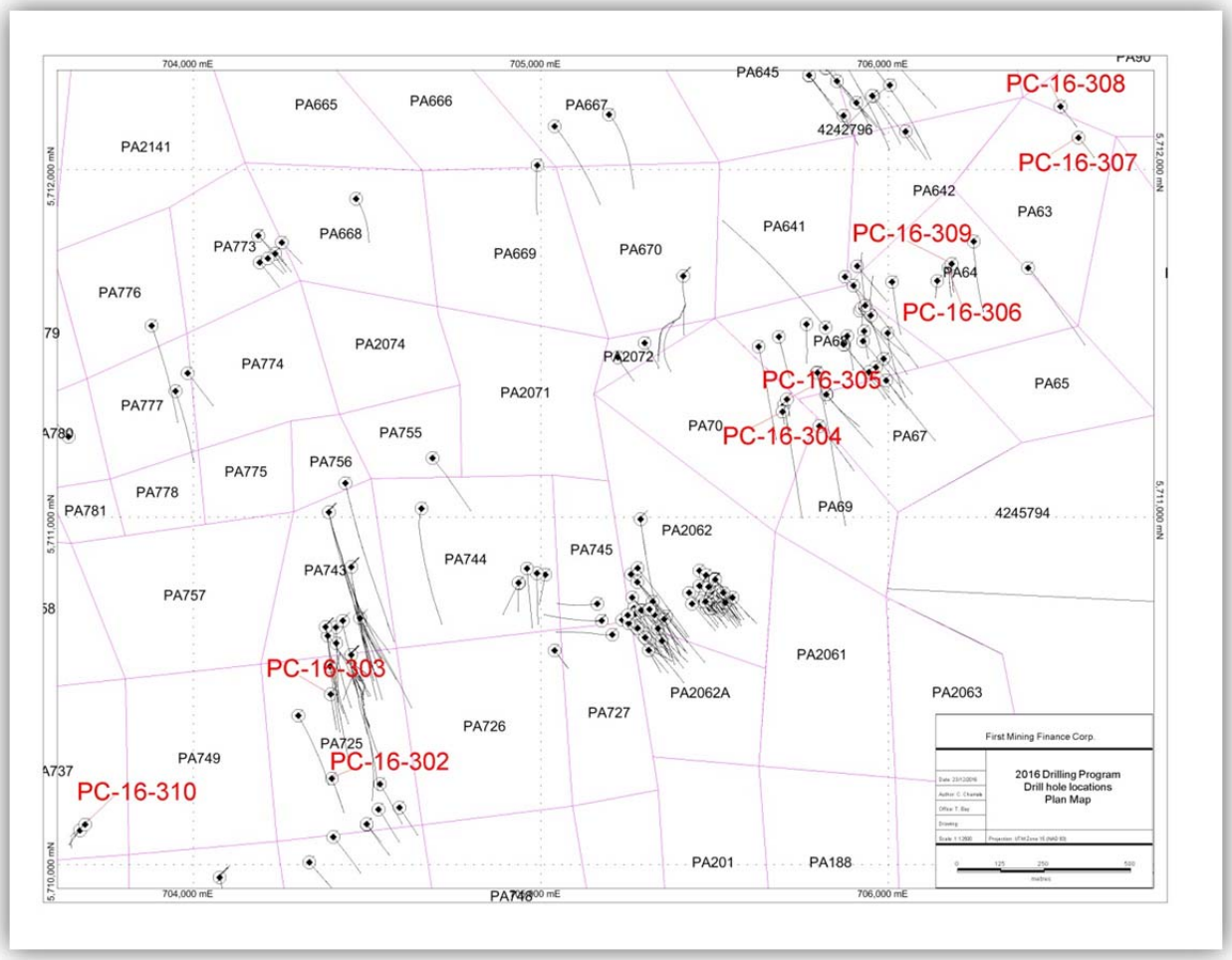

Figure 9 - Drill hole locations in the 2016 drill program

Table 4 - Diamond Drill Hole Data

Hole ID	East UTM NAD83	North UTM NAD83	Elevation (m)	Azimuth	Dip	Final Depth (m)	Metres Drilled (m)	Target	Patent/ Claim
PC-16-302	704398.00	5710247.70	338.89	170.3	-50.1	153.00	153.00	Up plunge of No. 19 Vein	PA725
PC-16-303	704394.27	5710490.01	342.39	170.2	-50.0	158.10	158.10	Up plunge to PC-10-083	PA725
PC-16-304	705695.18	5711303.18	361.12	170.1	-75.0	138.00	138.00	Up plunge to PC-09-051	PA70
PC-16-305	705708.33	5711338.74	359.02	170.0	-74.9	183.00	183.00	Down plunge to PC-09-051	PA70
PC-16-306	706174.55	5711717.83	345.14	179.8	-60.0	161.50	161.50	No. 15 Vein extension	PA64
PC-16-307	706547.73	5712091.42	341.95	140.2	-50.0	108.00	108.00	Crowshore C-Zone	PA63
PC-16-308	706496.30	5712181.24	337.35	140.2	-50.0	111.00	111.00	Crowshore A1-A2 Zones	PA90 and PA63
PC-16-309	706182.54	5711728.79	346.04	180.0	-60.0	155.60	155.60	No. 15 Vein extension	PA64
PC-16-310	703688.06	5710115.56	345.38	233.2	-70.3	150.00	150.00	Sawmill Vein	PA737
						Total Drilled Meters:	**1318.20**		

10 Method and Approach

Neil Pettigrew, M.Sc., P.Geo., a registered professional geologist in Ontario and Vice President for Fladgate Exploration Consulting Corporation, is the Qualified Person under National Instrument 43-101 for this project. Mr. Pettigrew is the person responsible for implementing the Quality Assurance and Quality Control (QA/QC) protocols and procedures followed for this project.

Fladgate has implemented the following QA/QC procedures for the 2016 PC Gold drill program:

1. NQ diameter (47.6 mm) drill core is logged, then sawn in half onsite, with one side bagged and labelled;
2. The remaining half is placed in core boxes to serve as a permanent record and stored in a secure on-site facility;
3. All samples are shipped from the site in a locked wooden crate with security tags via Manitoulin transport to Accurassay Laboratories' facility in Thunder Bay, Ontario, for crushing, pulverization and pulp preparation;
4. Samples are prepared using a jaw crusher, cleaned with a silica abrasive in between samples, resulting in 90% of the sample passing through an 8-mesh screen. A 1000 g split of the crushed sample is then pulverized with 90% passing through a 150-mesh screen;
5. Fire assays are performed using 50 g of sample. Assays greater or equal to 5 g/t Au are calculated gravimetrically, and lower grade samples are measured by atomic absorption (AA). All samples greater than 10 g/t Au are additionally sent for screen metallics analysis using the remainder of the pulp (~950 g);
6. Blanks, standards, field duplicates (1/4 split cores), and crush duplicates are inserted sequentially at least every 8th sample into the drill core samples before shipment. Gold standards consist of a high-grade (13.30 g/t Au), a mid-grade (5.57 g/t Au), and a low-grade (1.01 g/t Au) from Geostats Pty Ltd. of Australia. Blanks are from Nelson Granite of Kenora, Ontario.

11 Results

11.1 Diamond Drilling

Table 5 gives a summary of the targets for the 9 diamond drill holes, and a detailed list of the zones and significant intercepts for these holes are listed in Table 6.

Table 5 - Summary of Drill Hole Targets

Hole-ID	Target	Was Target hit?
PC-16-302	Shaft 3, No. 19 Vein	No
PC-16-303	Shaft 3, un-named vein	No
PC-16-304	Albany, un-named vein	No
PC-16-305	Albany, un-named vein	No
PC-16-306	No. 15 Vein	Yes
PC-16-307	C-Zone	No
PC-16-308	A1-A2 Zones	Yes
PC-16-309	No. 15 Vein extension	Yes
PC-16-310	Sawmill Vein	No

Table 6 - Detailed List of Zones and Significant Intercepts

Hole	Area	Description	From (m)	To (m)	Width (m)	Au ppm	Comments
PC-16-302	Shaft 3 (No. 19 Vein updip)	No Significant Assays					
PC-16-303	Shaft 3 (PC-103-083 vein up dip)	No Significant Assays					
PC-16-304	Albany (PC-09-051 Vein)	Shear zone	106.50	107.00	0.50	1.57	
PC-16-304		Zone, QFP	129.00	135.70	6.70	0.36	
PC-16-304		Including	133.50	134.70	1.20	1.18	
PC-16-305	Albany (PC-09-051 Vein)	Zone, Vein	53.30	53.80	0.50	1.62	
PC-16-305		Zone, QFP & MV	125.56	149.40	23.84	0.53	
PC-16-305		Including	137.10	140.10	3.00	2.53	
PC-16-305		Zone, QFP	160.90	162.00	1.10	0.71	
PC-16-306	No. 15 Vein	Upper No. 15 Vein	71.27	78.00	6.73	0.59	
PC-16-306		Including	74.28	75.00	0.72	3.53	
PC-16-306		Middle No. 15 Vein	82.00	94.70	12.70	1.28	
PC-16-306		Including	83.15	84.43	1.28	1.20	
PC-16-306		Including	88.83	89.53	0.70	15.14	
PC-16-306		Including	92.00	93.00	1.00	1.72	
PC-16-306		Lower No. 15 Vein	110.41	118.60	8.19	1.15	*VG
PC-16-306		Including	113.00	114.00	1.00	2.66	
PC-16-306		Including	116.00	117.80	1.80	2.63	
PC-16-307	Crowshore	Zone, BIF	34.67	37.20	2.53	0.34	
PC-16-307		Shear zone	96.40	98.04	1.64	0.51	
PC-16-307		Shear zone	101.91	103.30	1.39	0.70	
PC-16-308	Crowshore	Zone, BIF	20.10	21.40	1.30	0.28	
PC-16-309	No. 15 Vein	Upper No. 15 Vein	86.56	90.10	3.54	0.14	
PC-16-309		Shear zone	106.10	108.60	2.50	0.58	
PC-16-309		Shear zone	115.00	121.40	6.40	0.12	
PC-16-310	Sawmill Vein	Zone, BIF	37.50	42.00	4.50	1.34	
PC-16-310		Zone, BIF	49.00	52.50	3.50	0.34	

*Assays pending for VG sample from 111.31 to 111.52 m

11.2 Individual Diamond Drill Hole Summaries

Hole PC-16-302

The hole was setup to test the surface projection of the No. 19 Vein. Lithology was mainly a meta-sedimentary package consisting of conglomerates and fine-grained meta-sediments with occasional intermediate and mafic volcanic towards the end of the hole. The hole was not successful in intersecting the No. 19 Vein with no significant assays.

Hole PC-16-303

This hole was designed to target the surface projection of un-named high-grade vein intercepted in PC-10-083. Lithologies observed were mainly gabbro, fine-grained meta-sediments, intermediate and mafic volcanic intercalated with banded iron formations. The hole did not intersect a vein similar to the one in PC-10-083. No significant assays to report.

Holes PC-16-304 and PC-16-305

These holes were designed to test the extent of the high-grade vein intercepted in PC-09-051, 25 m up plunge and down plunge, using the same plunge direction interpreted from the No.2 and 6 veins. Lithologies were entirely comprised of mafic volcanic, quartz feldspar porphyry, gabbro with occasional late brecciated zones. No major vein was intercepted in both of the holes. Significant assays for PC-16-304 include 1.57 g/t Au over 0.5 m from 106.5 to 107 m and 0.36 g/t Au over 6.7 m from 129 to 135.7 m. Hole PC-16-305 returned 1.62 g/t Au over 0.5 m from 53.3 to 53.8 m, 0.53 g/t Au over 23.84 m from 125.56 to 149.4 m, and 0.71 g/t Au over 1.1 m from 160.9 to 162 m.

Holes PC-16-306 and PC-16-309

Hole PC-16-306 was designed to test the down plunge extent at 150 m depth on the No. 15 Vein. Hole PC-16-309 was a 10 m step back down plunge from PC-16-306. The holes successfully intersected three zones from the No. 15 Vein. For PC-16-306, the upper No. 15 Vein zone was intersected from 71.27 to 78 m returning 0.59 g/t Au over 6.73 m, the middle zone returned 1.28 g/t Au over 12.7 m from 82 to 94.7 m, and the lower zone returned 1.15 g/t Au over 8.19 m from 110.41 to 118.6 m. Visible gold was observed from 111.21 to 111.52 m, assays are pending for this interval thus a zero value was assign for calculating significant intercepts. In PC-16-309, the upper No. 15 Vein zone was encountered from 86.56 to 90.1 m returning 0.14 g/t Au over 3.54 m, the middle zone returned 0.58 g/t Au over 2.5 m from 106.1 to 108.6 m, and the lower zone returned 0.12 g/t Au over 6.4 m from 115 to 121.4 m.

Holes PC-16-307 and PC-16-308

Both holes were drilled in the Crowshore shaft patents. Hole PC-16-307 was designed to follow up on the high-grade grab sample from the C zone collected during the 2014 prospecting program. Hole PC-16-308 was setup to target the A1-A2 zones. Significant assays for PC-16-307 include 0.34 g/t Au over 2.53 m from 34.67 to 37.2 m, 0.51 g/t Au over 1.64 m from 96.4 to 98.04 m, and 0.7 g/t Au over 1.39 m from 101.91 to 103.3 m. Hole PC-16-308 successfully intersected the A1-A2 zones interpreted as two mineralized banded iron formations. However, only one returned subtle results of 0.28 g/t Au over 1.3 m from 20.1 to 21.4 m.

Hole PC-16-310

Hole PC-16-310 is a 25 m step back and undercut of PC-11-229 and PC-11-231 targeting the Sawmill Vein. Lithology is dominated by mafic volcanic and banded iron formations. No major veining was observed in both lithologies. Significant assays include 1.34 g/t Au over 4.5 m from 37.5 to 42 m and 0.34 g/t Au over 3.5 m from 49 to 52.5 m. Both of these zones occur within a highly fractured chert and magnetite rich banded iron formations.

12 Interpretations and Conclusions

The primary focus of the 2016 drilling program detailed in this report was to test shallow high grade mineralization in the core mine trend area. It was successful in identifying the No. 15 Vein and several narrow shear zones with significant values. It also revealed the complexity involved with targeting this type of deformed vein system close to surface.

13 Recommendations

Additional drilling is recommended in the vicinity of the No. 19 and 15 veins to further expand the up and down-dip extent of the veins. There has not been enough drilling to target the No. 19 Vein near surface and thus warrants further exploration. The No. 15 Vein or “D Zone” was drifted on the 150 foot level by Albany River mines in the 1940’s but never saw any production. The vein is exposed on surface and has returned high grade hits historically. However, the vein occurs over a limited strike extent even though the hosting “D Zone” is quite extensive. Further drilling is recommended down plunge of the No. 15 Vein. Targeting these high grade veins would add significant ounces to the overall property.

14 References

Author	Year	Title
Coates, H., and Anderson, W.	2008	NI 43-101: Technical Report on the Pickle Crow Gold Property; available on SEDAR.
Hennessey, B. T., Martin, A., and Shoemaker, S.	2011	NI 43-101; A Mineral Resource Estimate for the Pickle Crow Property, Patricia Mining Division, Northwestern Ontario, Canada; available on SEDAR.
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Pettigrew, N.	2011b	Technical Report for MNDM Assessment Purposes, 2010 Line Cutting and Drilling Program, PC Gold – Pickle Crow Property. MNDM Assessment Files.
Pettigrew, N.	2011c	Technical Report for MNDM Assessment Purposes, 2011 Aeroquest Geophysical Survey, PC Gold – Pickle Crow Property. MNDM Assessment Files.
Pettigrew, N.	2011d	Technical Report for MNDM Assessment Purposes, PC-Gold – Pickle Crow Property, 2011 Drilling Program, PC Gold – Pickle Crow Property. MNDM Assessment Files.
Sheridan, K.	2011	Technical Report for MNDMF Assessment Purposes, PC Gold – Pickle Crow Property, 2010 Trenching Program. MNDM Assessment Files.
Vanos, S.	2012	Technical Report for MNDMF Assessment Purposes, PC Gold – Pickle Crow Property, 2011 Drilling and Mapping Program. MNDM Assessment Files.

15 Date

This report was completed on December 23rd, 2016.

16 Statement of Qualifications

I, Neil T. Pettigrew, of the CITY of THUNDER BAY, in the PROVINCE of ONTARIO, hereby certify:

- I am a Partner and Principal Geologist of Fladgate Exploration Consulting Corporation, located at 1158 Russell Street – Unit D, Thunder Bay, Ontario, Canada, P7B 5N2.
- I am a graduate of the University of New Brunswick (B.Sc.) and the University of Ottawa (M.Sc.).
- I am a member in good standing of the Association of Professional Geoscientists of Ontario (APGO #1412).
- I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.
- I am an author of the report entitled: "Technical Report for MNDM Purposes: First Mining Finance Corporation, Pickle Crow Property, 2016 Drilling Program" dated December 2016. I worked on and supervised the work program reported on herein. I have been involved with exploration on behalf of PC Gold Inc. since June, 2010.

Dated in Thunder Bay, Ontario this 23rd day of December, 2016.

Neil Pettigrew, M.Sc., P.Geo.

Appendix I – Diamond Drill Hole Sections

Legend

Phanerozoic

Quaternary

0O	Overburden	
OB		Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

14	Diabase	
	14	Unsubdivided

Archean

13	Lamprophyre	
	13	Unsubdivided
12	Veins	

12	Unsubdivided
12a	Quartz vein (unsubdivided)
12a1	No. 1 Vein
12a2	No. 2 Vein
12a3	No. 3 Vein
12a4	No. 4 Vein
12a5	No. 5 Vein
12a6	No. 6 Vein
12a7	No. 7 Vein
12a8	No. 8 Vein
12a9	No. 9 Vein
12a10	No. 10 Vein
12a11	No. 11 Vein
12a12	No. 12 Vein
12a13	No. 13 Vein
12a14	No. 14 Vein
12a15	No. 15 Vein
12a16	No. 16 Vein
12a17	No. 17 Vein
12a18	No. 18 Vein
12a19	No. 19 Vein (Bread & Butter vein)
12a20	No. 20 Vein (Dooryard vein)
12a21	No. 21 Vein
12a22	No. 22 Vein (Vanos vein)
12a23	No. 23 Vein System
12aR	Riopelle
12aA	Arsenide
12aST	Strickland
12aSS	No. 3 Shaft
12aL	Lake Shore
12aSM	Sawmill
12aB	Big Dome
12aM	MacArthur Vein
12aH	Hook
12aSP	Springer
12b	Quartz carbonate vein
12c	Carbonate vein

11	Late Structural Zones	

11	Unsubdivided
11a	Shear zone (unsubdivided)
11b	Breccia zone (unsubdivided)
11ba	Tectonic breccia
11c	Fault zone (gouge, lost core)
11e	Massive sulphide replacement

10	Late Unfoliated Felsic to Intermediate Intrusions	

10	Unsubdivided
10a	Granitic rocks
10b	Syenitic rocks
10c	Quartz porphyry
10d	Quartz-feldspar porphyry
10e	Feldspar porphyry
10f	Pegmatite
10g	Aplite

9	Intermediate to Felsic Intrusives	

9	Unsubdivided
9a	Late mafic intrusions
9aa	Diorite
9ab	Anorthosite
9ac	Gabbro (unsubdivided)
9aca	Leucogabbro
9acb	Melanogabbro
9ad	Norite
9ae	Granophyre
9b	Late ultramafic intrusions (unsubdivided)
9ba	Hornblendite
9bb	Pyroxenite (unsubdivided)
9bc	Peridotite (unsubdivided)
9bd	Talc-serpentinite
9c	Massive magmatic sulphide

8	Early Foliated Felsic to Intermediate Meta-Intrusions	

8	Unsubdivided
8a	Granitic rocks
8b	Syenitic rocks
8c	Quartz porphyry
8d	Quartz-feldspar porphyry
8da	Quartz-feldspar porphyritic (Pickle Crow porphyry)
8e	Feldspar porphyry
8ea	Feldspar pophyry (Albany Porphyry)
8f	Aphyric intrusions
8g	Pegmatite

7	Early Foliated Mafic-Ultramafic Intrusions	

7	Unsubdivided
7a	Early mafic intrusions (unsubdivided)
7aa	Diorite
7ab	Anorthosite
7ac	Gabbro (unsubdivided)
7aca	Leucogabbro
7acb	Melanogabbro
7ad	Norite
7ae	Granophyre
7b	Early ultramafic intrusions (unsubdivided)
7ba	Hornblendite
7bb	Pyroxenite (unsubdivided)
7bc	Peridotite (unsubdivided)
7bd	Talc-serpentinite
7c	Massive magmatic sulphide

6	Chemical Metasedimentary Rocks	

6	Unsubdivided
6a	Graphitic sediments (unsubdivided)
6aa	Graphitic argillite
6b	Chert (unsubdivided)
6c	iron formation (unsubdivided)
6ca	Oxide facies iron formation
6cb	Carbonate facies iron formation
6cc	Silicate facies iron formation
6cd	Sulphide facies iron formation
6ce	Argillitic iron formation (unsubdivided)
6cf	Interbedded clastic iron formation (unsubdivided)
6d	Sulphidic exhalative

5	Clastic Metasedimentary Rocks	

5	Unsubdivided
5a	Argillite (unsubdivided)
5b	Siltstone (unsubdivided)
5c	Sandstone (unsubdivided)
5ca	Wacke
5cb	Arkose/Arenite
5cc	Felsic volcanic, lithic sandstone
5cd	Felsic volcanic, siltstone to sandstone
5ce	Felsic volcanic, pebbly sandstone
5d	Conglomerate (unsubdivided)
5da	Polymictic felsic/intermediate volcanic & chemical sed conglomerate/breccia

4	Felsic Metavolcanic Rocks	

4	Unsubdivided
4a	Massive lava flows (unsubdivided)
4aa	Quartz porphyritic lava flows
4ab	Quartz-feldspar porphyritic lava flows
4ac	Feldspar porphyritic lava flows
4b	Tuff (unsubdivided)
4ba	Quartz crystal tuff
4bb	Quartz-feldspar crystal tuff
4bc	Feldspar crystal tuff
4bd	Fragmental units (unsubdivided)
4bda	Lithic tuff (fragments <2 mm)
4bdb	Lapilli tuff (fragments 2 - 64 mm)
4bdc	Tuff breccia (fragments >64 mm)
4d	Felsic unit of uncertain genesis (volcanic or sedimentary)

3	Intermediate Metavolcanic Rocks	

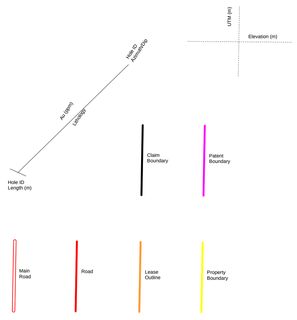
3	Unsubdivided
3a	Massive lava flows (unsubdivided
3aa	Amygdaloidal lava flows
3ab	Quartz-feldspar porphyritic lava flows
3ac	Feldspar porphyritic lava flows
3b	Tuff (unsubdivided)
3ba	Quartz-feldspar crystal tuff
3bb	Feldspar crystal tuff
3bc	Fragmental units (unsubdivided)
3bca	Lithic tuff (fragments <2 mm)
3bcb	Lapilli tuff (fragments 2 - 64 mm)
3bcc	Tuff breccia (fragments >64 mm)

2	Mafic Metavolcanic Rocks	

2	Unsubdivided
2a	Massive lava flows (unsubdivided)
2ac	Variolitic lava flows
2ab	Amygdaloidal massive lava flows
2b	Pillowed lava flows (unsubdivided)
2ba	Pillow breccia/hyaloclastite
2bb	Amygdaloidal pillow lava flows
2bc	Magnetite crystal-bearing pillowed laval flow
2c	Tuff (unsubdivided)
2d	Intercalated mafic lava flows and clastic sediments

1	Ultramafic Metavolcanic Rocks	

1	Unsubdivided
1a	Massive lava flows
1b	Pillowed lava flows
1c	Polysutured lava flows
1d	Spinifex-textured lava flows
1e	Talc-serpentine schist



Section PC-16-303

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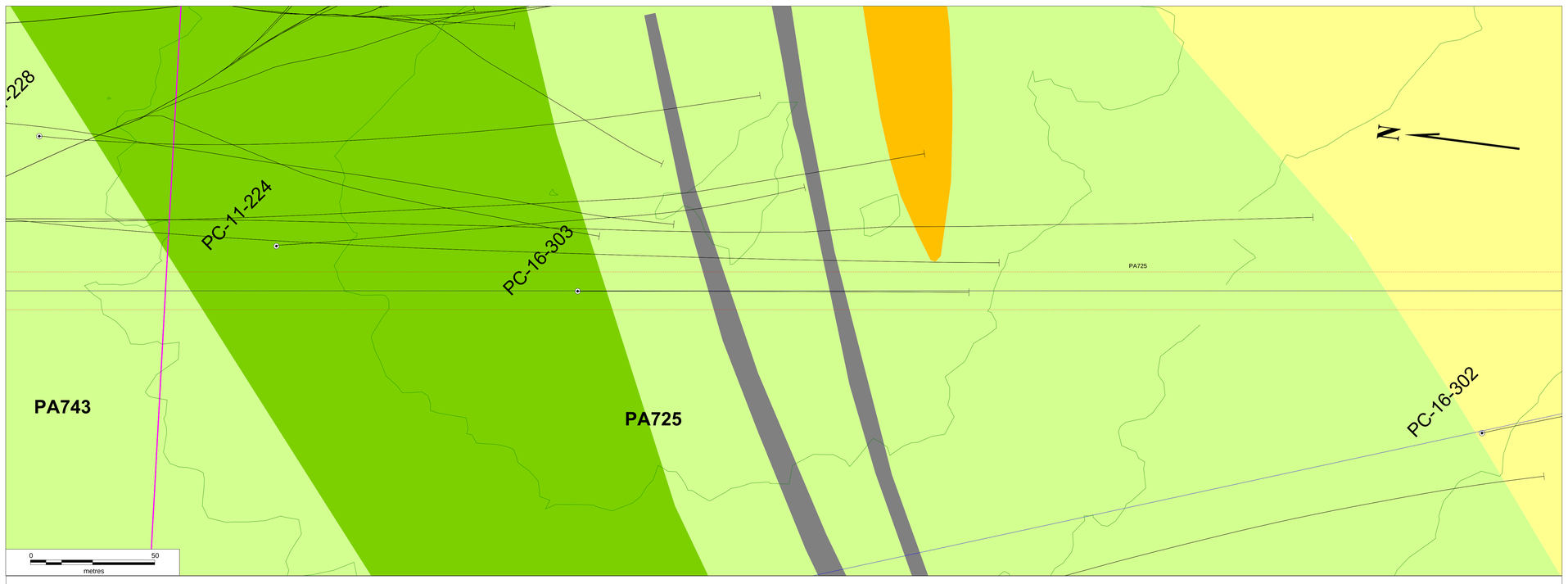
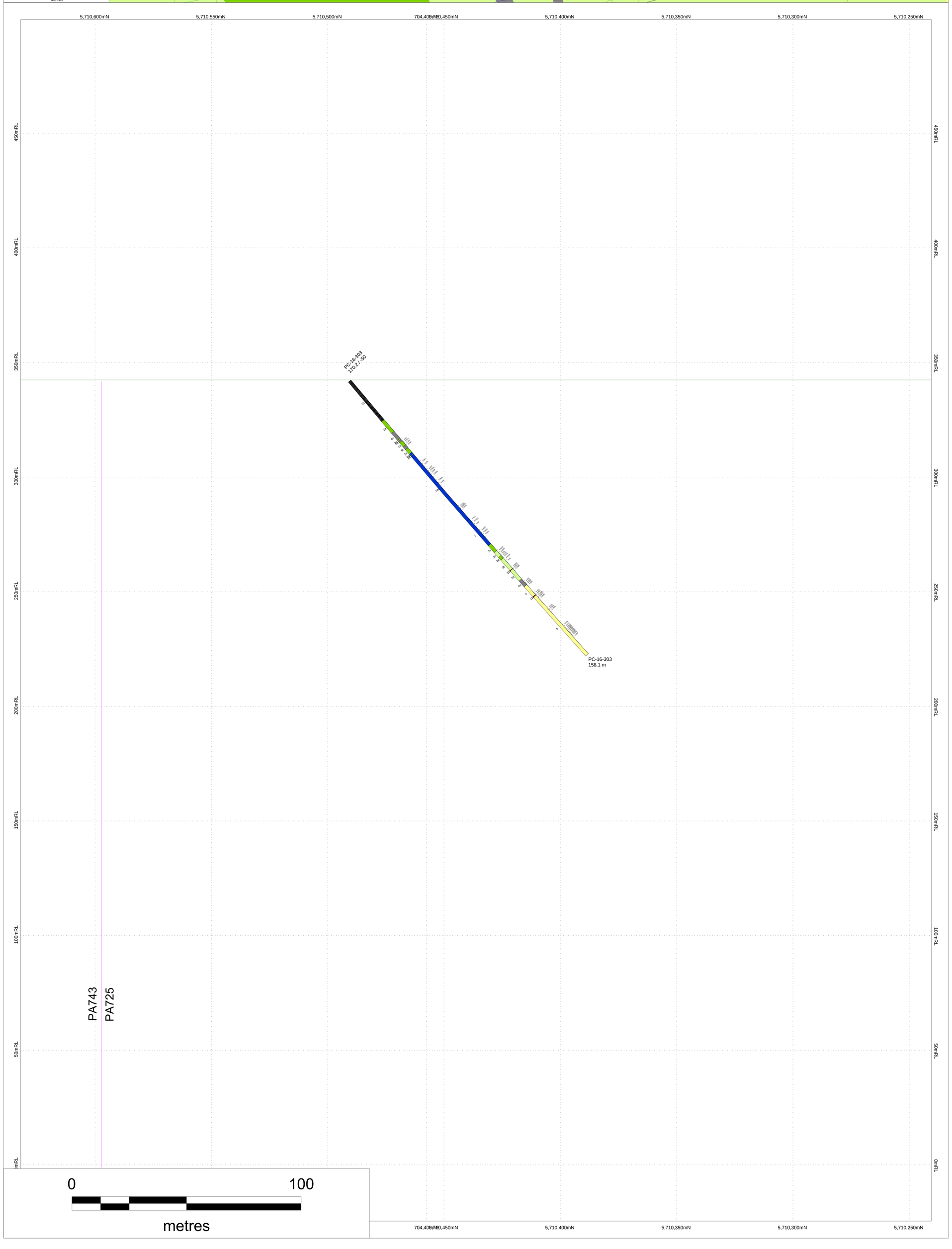
Date: 16/01/2017	
Author: C.Chamale	
Office: T. Bay	
Drawing:	
Scale: 1:500	Projection: UTM Zone 15 (NAD83)

First Mining Finance Corp.





Legend

Phanerozoic

Quaternary

Qo — Overburden

OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

14 — Diabase

14 Unsubdivided

Archean

13 — Lamprophyre

13 Unsubdivided

12 — Veins

12 Unsubdivided
12a Quartz vein (unsubdivided)
12a1 No. 1 Vein
12a2 No. 2 Vein
12a3 No. 3 Vein
12a4 No. 4 Vein
12a5 No. 5 Vein
12a6 No. 6 Vein
12a7 No. 7 Vein
12a8 No. 8 Vein
12a9 No. 9 Vein
12a10 No. 10 Vein
12a11 No. 11 Vein
12a12 No. 12 Vein
12a13 No. 13 Vein
12a14 No. 14 Vein
12a15 No. 15 Vein
12a16 No. 16 Vein
12a17 No. 17 Vein
12a18 No. 18 Vein
12a19 No. 19 Vein (Bread & Butter vein)
12a20 No. 20 Vein (Dooryard vein)
12a21 No. 21 Vein
12a22 No. 22 Vein (Vanos vein)
12a23 No. 23 Vein System
12aR Riopelle
12aA Arseride
12aST Strickland
12a3S No. 3 Shaft
12aL Lake Shore
12aSM Sawmill
12aB Big Dome
12aM MacArthur Vein
12aH Hook
12aSP Springer
12b Quartz carbonate vein
12c Carbonate vein

11 — Late Structural Zones

11 Unsubdivided
11a Shear zone (unsubdivided)
11b Breccia zone (unsubdivided)
11ba Tectonic breccia
11c Fault zone (gouge, lost core)
11e Massive sulphide replacement

10 — Late Unfoliated Felsic to Intermediate Intrusions

10 Unsubdivided
10a Granitic rocks
10b Syenitic rocks
10c Quartz porphyry
10d Quartz-feldspar porphyry
10e Feldspar porphyry
10f Pegmatite
10g Aplite

9 — Intermediate to Felsic Intrusives

9 Unsubdivided
9a Late mafic intrusions
9aa Diorite
9ab Anorthosite
9ac Gabbro (unsubdivided)
9aca Leucogabbro
9acb Melanogabbro
9ad Norite
9ae Granophyre
9b Late ultramafic intrusions (unsubdivided)
9ba Hornblendite
9bb Pyroxenite (unsubdivided)
9bc Peridotite (unsubdivided)
9bd Talc-serpentinite
9c Massive magmatic sulphide

8 — Early Foliated Felsic to Intermediate Meta-Intrusions

8 Unsubdivided
8a Granitic rocks
8b Syenitic rocks
8c Quartz porphyry
8d Quartz-feldspar porphyry
8da Quartz-feldspar porphyritic (Pickle Crow porphyry)
8e Feldspar porphyry
8ea Feldspar pophyry (Albany Porphyry)
8f Aphyric intrusions
8g Pegmatite

7 — Early Foliated Mafic-Ultramafic Intrusions

7 Unsubdivided
7a Early mafic intrusions (unsubdivided)
7aa Diorite
7ab Anorthosite
7ac Gabbro (unsubdivided)
7aca Leucogabbro
7acb Melanogabbro
7ad Norite
7ae Granophyre
7b Early ultramafic intrusions (unsubdivided)
7ba Hornblendite
7bb Pyroxenite (unsubdivided)
7bc Peridotite (unsubdivided)
7bd Talc-serpentinite
7c Massive magmatic sulphide

6 — Chemical Metasedimentary Rocks

6 Unsubdivided
6a Graphitic sediments (unsubdivided)
6aa Graphitic argillite
6b Chert (unsubdivided)
6c Iron formation (unsubdivided)
6ca Oxide facies iron formation
6cb Carbonate facies iron formation
6cc Silicate facies iron formation
6cd Sulphide facies iron formation
6ce Argillitic iron formation (unsubdivided)
6cf Interbedded clastic iron formation (unsubdivided)
6d Sulphidic exhalative

5 — Clastic Metasedimentary Rocks

5 Unsubdivided
5a Argillite (unsubdivided)
5b Siltstone (unsubdivided)
5c Sandstone (unsubdivided)
5ca Wacke
5cb Arkose/Arenite
5cc Felsic volcanic, lithic sandstone
5cd Felsic volcanic, siltstone to sandstone
5ce Felsic volcanic, pebbly sandstone
5d Conglomerate (unsubdivided)
5da Polymictic felsic/intermediate volcanic & chemical sed conglomerate/breccia

4 — Felsic Metavolcanic Rocks

4 Unsubdivided
4a Massive lava flows (unsubdivided)
4aa Quartz porphyritic lava flows
4ab Quartz-feldspar porphyritic lava flows
4ac Feldspar porphyritic lava flows
4b Tuff (unsubdivided)
4ba Quartz crystal tuff
4bb Quartz-feldspar crystal tuff
4bc Feldspar crystal tuff
4bd Fragmental units (unsubdivided)
4bda Lithic tuff (fragments <2 mm)
4bdb Lapilli tuff (fragments 2 - 64 mm)
4bdc Tuff breccia (fragments >64 mm)
4d Felsic unit of uncertain genesis (volcanic or sedimentary)

3 — Intermediate Metavolcanic Rocks

3 Unsubdivided
3a Massive lava flows (unsubdivided
3aa Amygdaloidal lava flows
3ab Quartz-feldspar porphyritic lava flows
3ac Feldspar porphyritic lava flows
3b Tuff (unsubdivided)
3ba Quartz-feldspar crystal tuff
3bb Feldspar crystal tuff
3bc Fragmental units (unsubdivided)
3bca Lithic tuff (fragments <2 mm)
3bcb Lapilli tuff (fragments 2 - 64 mm)
3bcc Tuff breccia (fragments >64 mm)

2 — Mafic Metavolcanic Rocks

2 Unsubdivided
2a Massive lava flows (unsubdivided)
2ac Variolitic lava flows
2ab Amygdaloidal massive lava flows
2b Pillowed lava flows (unsubdivided)
2ba Pillow breccia/hyaloclastite
2bb Amygdaloidal pillow lava flows
2bc Magnetite crystal-bearing pillowed laval flow
2c Tuff (unsubdivided)
2d Intercalated mafic lava flows and clastic sediments

1 — Ultramafic Metavolcanic Rocks

1 Unsubdivided
1a Massive lava flows
1b Pillowed lava flows
1c Polysutured lava flows
1d Spinifex-textured lava flows
1e Talc-serpentine schist

Hole ID Label
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Elevation (m)
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Patent Boundary
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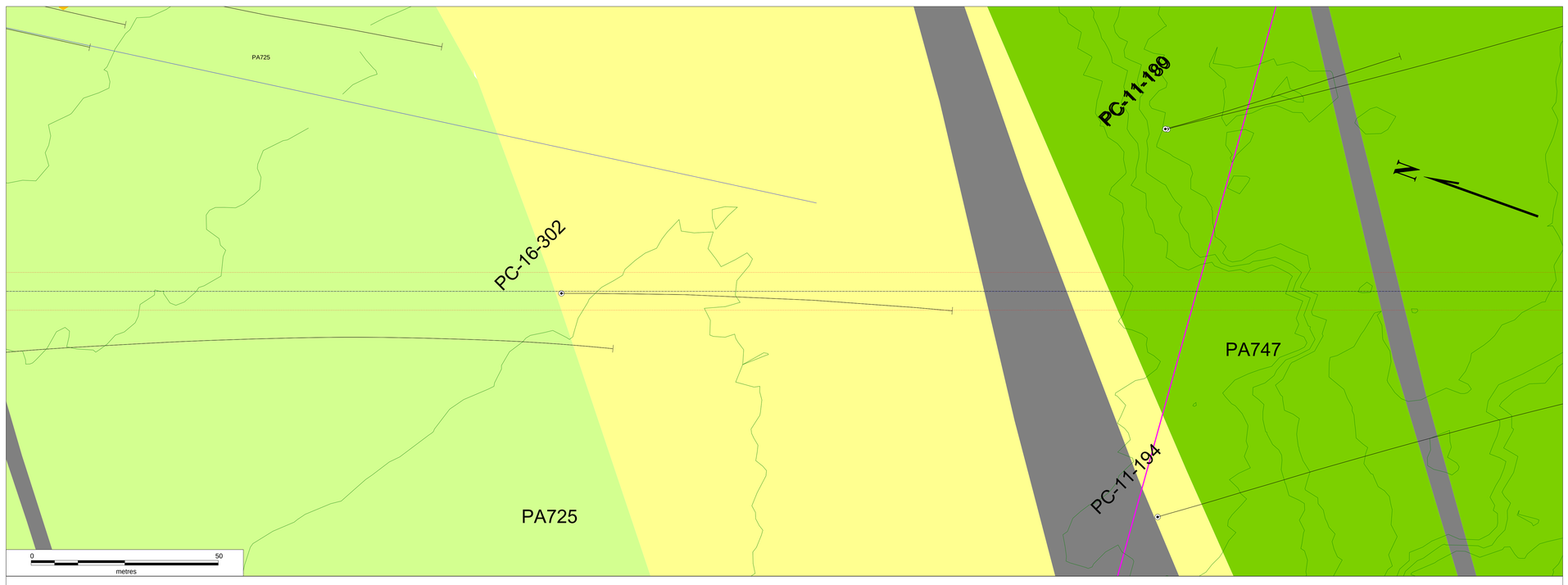

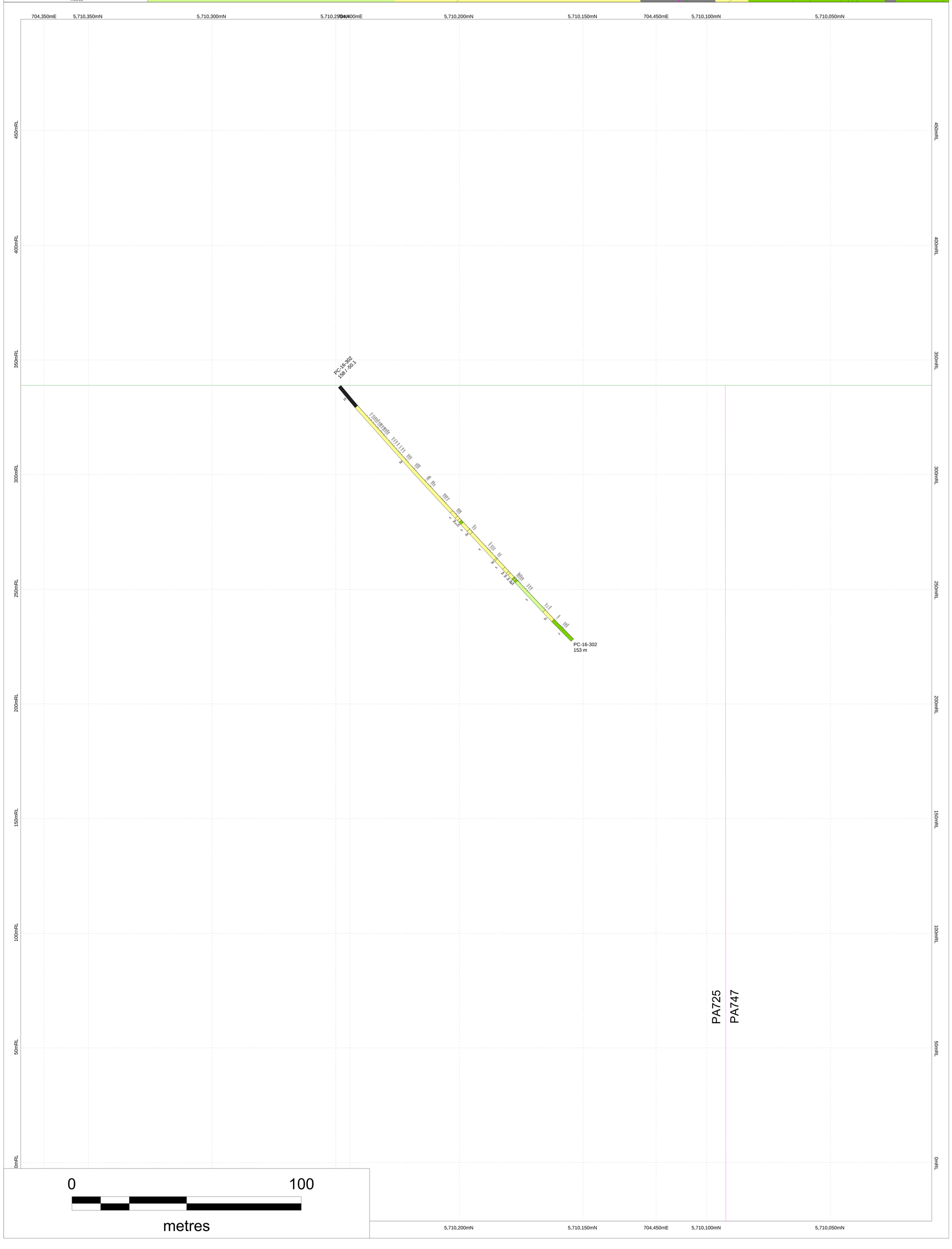

Section PC-16-302

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Date: 16/01/2017	
Author: C.Chamale	
Office: T. Bay	
Drawing:	
Scale: 1:500	Projection: UTM Zone 15 (NAD83)

First Mining Finance Corp.

Legend

Phanerozoic

Quaternary

- OB — Overburden
  - OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

- 14 — Diabase
  - 14 — Unsubdivided

Archean

- 13 — Lamprophyre
  - 13 — Unsubdivided
- 12 — Veins
  - 12 — Unsubdivided
  - 12a — Quartz vein (unsubdivided)
  - 12a1 — No. 1 Vein
  - 12a2 — No. 2 Vein
  - 12a3 — No. 3 Vein
  - 12a4 — No. 4 Vein
  - 12a5 — No. 5 Vein
  - 12a6 — No. 6 Vein
  - 12a7 — No. 7 Vein
  - 12a8 — No. 8 Vein
  - 12a9 — No. 9 Vein
  - 12a10 — No. 10 Vein
  - 12a11 — No. 11 Vein
  - 12a12 — No. 12 Vein
  - 12a13 — No. 13 Vein
  - 12a14 — No. 14 Vein
  - 12a15 — No. 15 Vein
  - 12a16 — No. 16 Vein
  - 12a17 — No. 17 Vein
  - 12a18 — No. 18 Vein
  - 12a19 — No. 19 Vein (Bread & Butter vein)
  - 12a20 — No. 20 Vein (Dooryard vein)
  - 12a21 — No. 21 Vein
  - 12a22 — No. 22 Vein (Vanos vein)
  - 12a23 — No. 23 Vein System
  - 12aR — Riopelle
  - 12aA — Arseride
  - 12aST — Strickland
  - 12a3S — No. 3 Shaft
  - 12aL — Lake Shore
  - 12aSM — Sawmill
  - 12aB — Big Dome
  - 12aM — MacArthur Vein
  - 12aH — Hook
  - 12aSP — Springer
  - 12b — Quartz carbonate vein
  - 12c — Carbonate vein

- 11 — Late Structural Zones
  - 11 — Unsubdivided
  - 11a — Shear zone (unsubdivided)
  - 11b — Breccia zone (unsubdivided)
  - 11ba — Tectonic breccia
  - 11c — Fault zone (gouge, lost core)
  - 11e — Massive sulphide replacement

- 10 — Late Unfoliated Felsic to Intermediate Intrusions
  - 10 — Unsubdivided
  - 10a — Granitic rocks
  - 10b — Syenitic rocks
  - 10c — Quartz porphyry
  - 10d — Quartz-feldspar porphyry
  - 10e — Feldspar porphyry
  - 10f — Pegmatite
  - 10g — Aplite

- 9 — Intermediate to Felsic Intrusives
  - 9 — Unsubdivided
  - 9a — Late mafic intrusions
  - 9aa — Diorite
  - 9ab — Anorthosite
  - 9ac — Gabbro (unsubdivided)
  - 9aca — Leucogabbro
  - 9acb — Melanogabbro
  - 9ad — Norite
  - 9ae — Granophyre
  - 9b — Late ultramafic intrusions (unsubdivided)
  - 9ba — Hornblendite
  - 9bb — Pyroxenite (unsubdivided)
  - 9bc — Peridotite (unsubdivided)
  - 9bd — Talc-serpentinite
  - 9c — Massive magmatic sulphide

- 8 — Early Foliated Felsic to Intermediate Meta-Intrusions
  - 8 — Unsubdivided
  - 8a — Granitic rocks
  - 8b — Syenitic rocks
  - 8c — Quartz porphyry
  - 8d — Quartz-feldspar porphyry
  - 8da — Quartz-feldspar porphyritic (Pickle Crow porphyry)
  - 8e — Feldspar porphyry
  - 8ea — Feldspar pophyry (Albany Porphyry)
  - 8f — Aphyric intrusions
  - 8g — Pegmatite

- 7 — Early Foliated Mafic-Ultramafic Intrusions
  - 7 — Unsubdivided
  - 7a — Early mafic intrusions (unsubdivided)
  - 7aa — Diorite
  - 7ab — Anorthosite
  - 7ac — Gabbro (unsubdivided)
  - 7aca — Leucogabbro
  - 7acb — Melanogabbro
  - 7ad — Norite
  - 7ae — Granophyre
  - 7b — Early ultramafic intrusions (unsubdivided)
  - 7ba — Hornblendite
  - 7bb — Pyroxenite (unsubdivided)
  - 7bc — Peridotite (unsubdivided)
  - 7bd — Talc-serpentinite
  - 7c — Massive magmatic sulphide

- 6 — Chemical Metasedimentary Rocks
  - 6 — Unsubdivided
  - 6a — Graphitic sediments (unsubdivided)
  - 6aa — Graphitic argillite
  - 6b — Chert (unsubdivided)
  - 6c — iron formation (unsubdivided)
  - 6ca — Oxide facies iron formation
  - 6cb — Carbonate facies iron formation
  - 6cc — Silicate facies iron formation
  - 6cd — Sulphide facies iron formation
  - 6ce — Argillitic iron formation (unsubdivided)
  - 6cf — Interbedded clastic iron formation (unsubdivided)
  - 6d — Sulphidic exhalative

- 5 — Clastic Metasedimentary Rocks
  - 5 — Unsubdivided
  - 5a — Argillite (unsubdivided)
  - 5b — Siltstone (unsubdivided)
  - 5c — Sandstone (unsubdivided)
  - 5ca — Wacke
  - 5cb — Arkose/Arenite
  - 5cc — Felsic volcanic, lithic sandstone
  - 5cd — Felsic volcanic, siltstone to sandstone
  - 5ce — Felsic volcanic, pebbly sandstone
  - 5d — Conglomerate (unsubdivided)
  - 5da — Polymictic felsic/intermediate volcanic & chemical sed conglomerate/breccia

- 4 — Felsic Metavolcanic Rocks
  - 4 — Unsubdivided
  - 4a — Massive lava flows (unsubdivided)
  - 4aa — Quartz porphyritic lava flows
  - 4ab — Quartz-feldspar porphyritic lava flows
  - 4ac — Feldspar porphyritic lava flows
  - 4b — Tuff (unsubdivided)
  - 4ba — Quartz crystal tuff
  - 4bb — Quartz-feldspar crystal tuff
  - 4bc — Feldspar crystal tuff
  - 4bd — Fragmental units (unsubdivided)
  - 4bda — Lithic tuff (fragments <2 mm)
  - 4bdb — Lapilli tuff (fragments 2 - 64 mm)
  - 4bdc — Tuff breccia (fragments >64 mm)
  - 4d — Felsic unit of uncertain genesis (volcanic or sedimentary)

- 3 — Intermediate Metavolcanic Rocks
  - 3 — Unsubdivided
  - 3a — Massive lava flows (unsubdivided
  - 3aa — Amygdaloidal lava flows
  - 3ab — Quartz-feldspar porphyritic lava flows
  - 3ac — Feldspar porphyritic lava flows
  - 3b — Tuff (unsubdivided)
  - 3ba — Quartz-feldspar crystal tuff
  - 3bb — Feldspar crystal tuff
  - 3bc — Fragmental units (unsubdivided)
  - 3bca — Lithic tuff (fragments <2 mm)
  - 3bcb — Lapilli tuff (fragments 2 - 64 mm)
  - 3bcc — Tuff breccia (fragments >64 mm)

- 2 — Mafic Metavolcanic Rocks
  - 2 — Unsubdivided
  - 2a — Massive lava flows (unsubdivided)
  - 2ac — Variolitic lava flows
  - 2ab — Amygdaloidal massive lava flows
  - 2b — Pillowed lava flows (unsubdivided)
  - 2ba — Pillow breccia/hyaloclastite
  - 2bb — Amygdaloidal pillow lava flows
  - 2bc — Magnetite crystal-bearing pillowed laval flow
  - 2c — Tuff (unsubdivided)
  - 2d — Intercalated mafic lava flows and clastic sediments

- 1 — Ultramafic Metavolcanic Rocks
  - 1 — Unsubdivided
  - 1a — Massive lava flows
  - 1b — Pillowed lava flows
  - 1c — Polysutured lava flows
  - 1d — Spinifex-textured lava flows
  - 1e — Talc-serpentine schist

Hole ID
Azimuth
Inclination
Length
UTM (m)
Elevation (m)
Hole ID
Length (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary

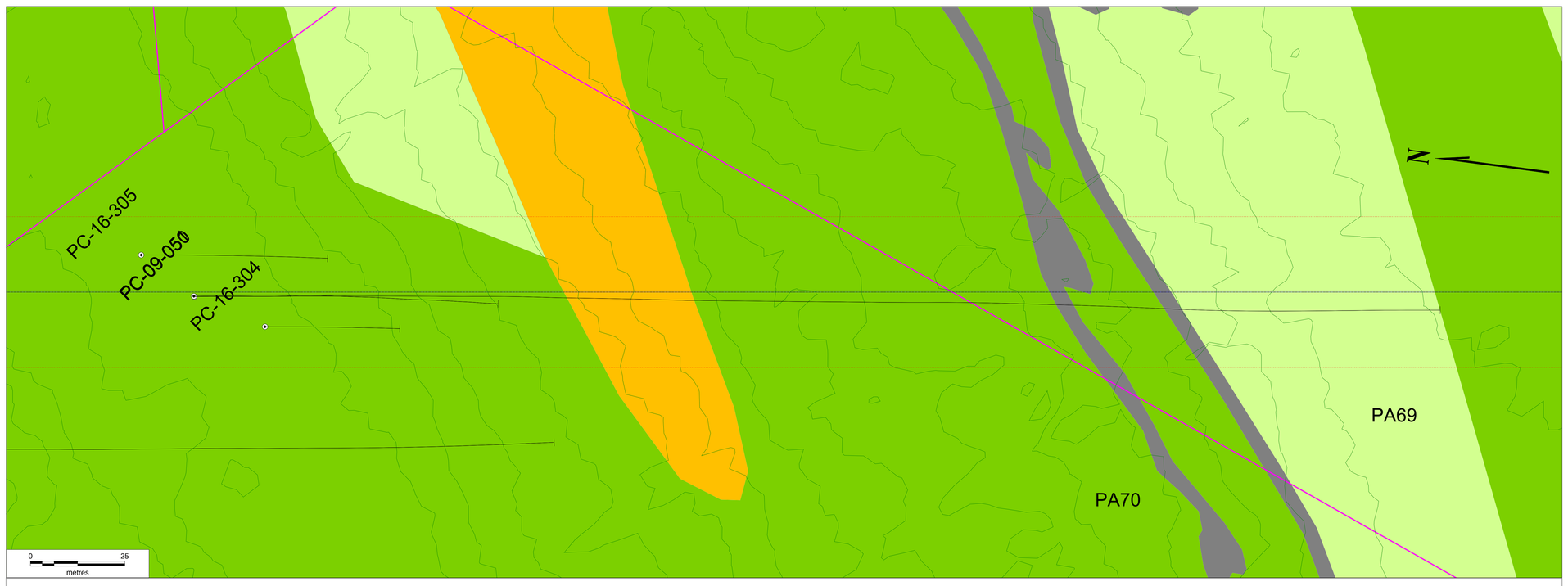
Section PC-16-304 & 305

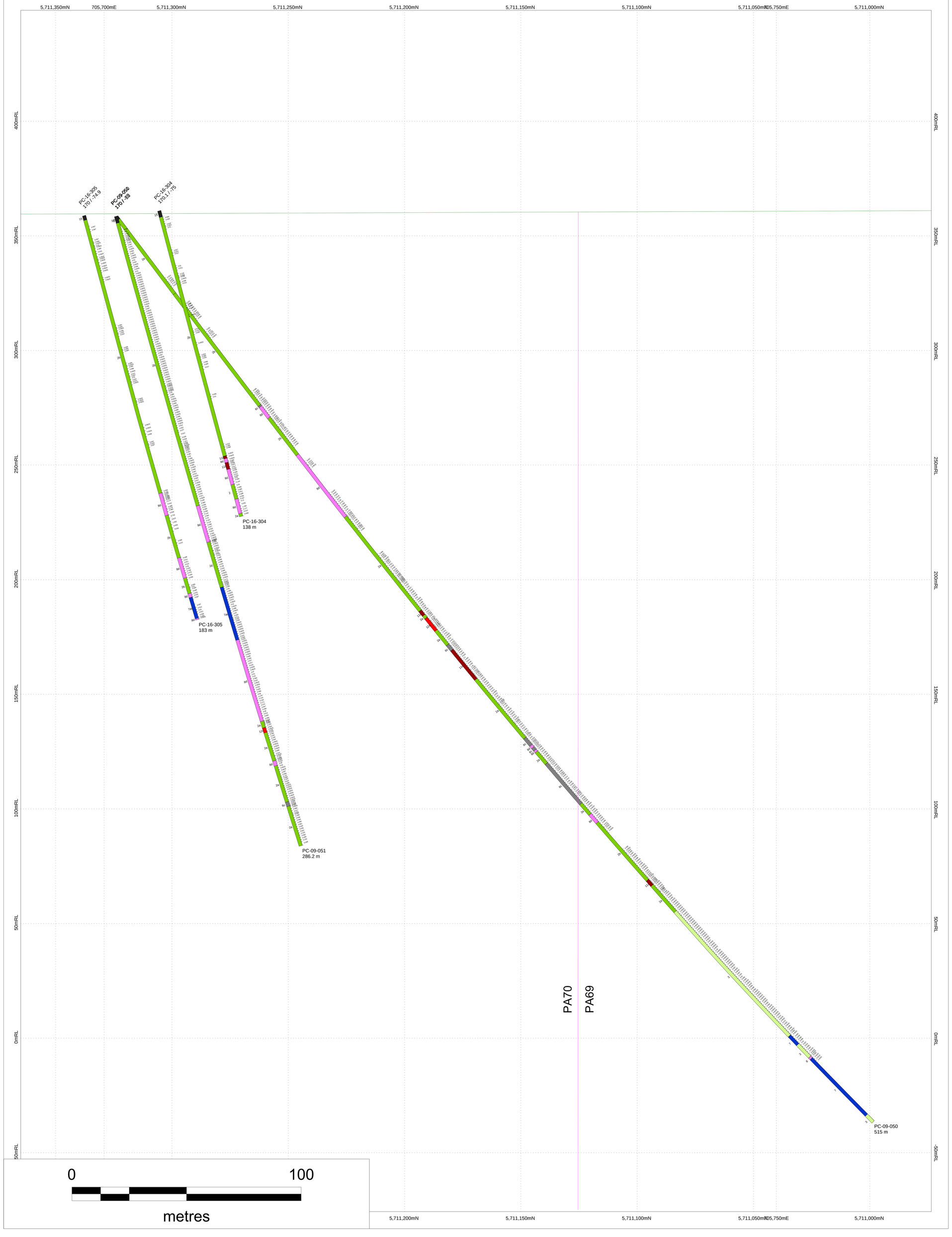
PC 2016 Drill Program
Pickle Crow Property

Looking NE
+/- 20m envelope

Date: 16/01/2017	
Author: C.Chamale	
Office: T. Bay	
Drawing:	
Scale: 1:500	Projection: UTM Zone 15 (NAD83)

First Mining Finance Corp.





Legend

Phanerozoic

Quaternary

OB Overburden

OB Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

14 Diabase

14 Unsubdivided

Archean

13 Lamprophyre

13 Unsubdivided

12 Veins

12	Unsubdivided
12a	Quartz vein (unsubdivided)
12a1	No. 1 Vein
12a2	No. 2 Vein
12a3	No. 3 Vein
12a4	No. 4 Vein
12a5	No. 5 Vein
12a6	No. 6 Vein
12a7	No. 7 Vein
12a8	No. 8 Vein
12a9	No. 9 Vein
12a10	No. 10 Vein
12a11	No. 11 Vein
12a12	No. 12 Vein
12a13	No. 13 Vein
12a14	No. 14 Vein
12a15	No. 15 Vein
12a16	No. 16 Vein
12a17	No. 17 Vein
12a18	No. 18 Vein
12a19	No. 19 Vein (Bread & Butter vein)
12a20	No. 20 Vein (Dooryard vein)
12a21	No. 21 Vein
12a22	No. 22 Vein (Vanos vein)
12a23	No. 23 Vein System
12aR	Riopelle
12aA	Arsenide
12aST	Strickland
12aSS	No. 3 Shaft
12aL	Lake Shore
12aSM	Sawmill
12aB	Big Dome
12aM	MacArthur Vein
12aH	Hook
12aSP	Springer
12b	Quartz carbonate vein
12c	Carbonate vein

11 Late Structural Zones

11	Unsubdivided
11a	Shear zone (unsubdivided)
11b	Breccia zone (unsubdivided)
11ba	Tectonic breccia
11c	Fault zone (gouge, lost core)
11e	Massive sulphide replacement

10 Late Unfoliated Felsic to Intermediate Intrusions

10	Unsubdivided
10a	Granitic rocks
10b	Syenitic rocks
10c	Quartz porphyry
10d	Quartz-feldspar porphyry
10e	Feldspar porphyry
10f	Pegmatite
10g	Aplite

9 Intermediate to Felsic Intrusives

9	Unsubdivided
9a	Late mafic intrusions
9aa	Diorite
9ab	Anorthosite
9ac	Gabbro (unsubdivided)
9aca	Leucogabbro
9acb	Melanogabbro
9ad	Norite
9ae	Granophyre
9b	Late ultramafic intrusions (unsubdivided)
9ba	Hornblendite
9bb	Pyroxenite (unsubdivided)
9bc	Peridotite (unsubdivided)
9bd	Talc-serpentinite
9c	Massive magmatic sulphide

8 Early Foliated Felsic to Intermediate Meta-Intrusions

8	Unsubdivided
8a	Granitic rocks
8b	Syenitic rocks
8c	Quartz porphyry
8d	Quartz-feldspar porphyry
8da	Quartz-feldspar porphyritic (Pickle Crow porphyry)
8e	Feldspar porphyry
8ea	Feldspar pophyry (Albany Porphyry)
8f	Aphyric intrusions
8g	Pegmatite

7 Early Foliated Mafic-Ultramafic Intrusions

7	Unsubdivided
7a	Early mafic intrusions (unsubdivided)
7aa	Diorite
7ab	Anorthosite
7ac	Gabbro (unsubdivided)
7aca	Leucogabbro
7acb	Melanogabbro
7ad	Norite
7ae	Granophyre
7b	Early ultramafic intrusions (unsubdivided)
7ba	Hornblendite
7bb	Pyroxenite (unsubdivided)
7bc	Peridotite (unsubdivided)
7bd	Talc-serpentinite
7c	Massive magmatic sulphide

6 Chemical Metasedimentary Rocks

6	Unsubdivided
6a	Graphitic sediments (unsubdivided)
6aa	Graphitic argillite
6b	Chert (unsubdivided)
6c	Iron formation (unsubdivided)
6ca	Oxide facies iron formation
6cb	Carbonate facies iron formation
6cc	Silicate facies iron formation
6cd	Sulphide facies iron formation
6ce	Argillitic iron formation (unsubdivided)
6cf	Interbedded clastic iron formation (unsubdivided)
6d	Sulphidic exhalative

5 Clastic Metasedimentary Rocks

5	Unsubdivided
5a	Argillite (unsubdivided)
5b	Siltstone (unsubdivided)
5c	Sandstone (unsubdivided)
5ca	Wacke
5cb	Arkose/Arenite
5cc	Felsic volcanic, lithic sandstone
5cd	Felsic volcanic, siltstone to sandstone
5ce	Felsic volcanic, pebbly sandstone
5d	Conglomerate (unsubdivided)
5da	Polymictic felsic/intermediate volcanic & chemical sed conglomerate/breccia

4 Felsic Metavolcanic Rocks

4	Unsubdivided
4a	Massive lava flows (unsubdivided)
4aa	Quartz porphyritic lava flows
4ab	Quartz-feldspar porphyritic lava flows
4ac	Feldspar porphyritic lava flows
4b	Tuff (unsubdivided)
4ba	Quartz crystal tuff
4bb	Quartz-feldspar crystal tuff
4bc	Feldspar crystal tuff
4bd	Fragmental units (unsubdivided)
4bda	Lithic tuff (fragments <2 mm)
4bdb	Lapilli tuff (fragments 2 - 64 mm)
4bdc	Tuff breccia (fragments >64 mm)
4d	Felsic unit of uncertain genesis (volcanic or sedimentary)

3 Intermediate Metavolcanic Rocks

3	Unsubdivided
3a	Massive lava flows (unsubdivided
3aa	Amygdaloidal lava flows
3ab	Quartz-feldspar porphyritic lava flows
3ac	Feldspar porphyritic lava flows
3b	Tuff (unsubdivided)
3ba	Quartz-feldspar crystal tuff
3bb	Feldspar crystal tuff
3bc	Fragmental units (unsubdivided)
3bca	Lithic tuff (fragments <2 mm)
3bcb	Lapilli tuff (fragments 2 - 64 mm)
3bcc	Tuff breccia (fragments >64 mm)

2 Mafic Metavolcanic Rocks

2	Unsubdivided
2a	Massive lava flows (unsubdivided)
2ac	Variolitic lava flows
2ab	Amygdaloidal massive lava flows
2b	Pillowed lava flows (unsubdivided)
2ba	Pillow breccia/hyaloclastite
2bb	Amygdaloidal pillow lava flows
2bc	Magnetite crystal-bearing pillowed laval flow
2c	Tuff (unsubdivided)
2d	Intercalated mafic lava flows and clastic sediments

1 Ultramafic Metavolcanic Rocks

1	Unsubdivided
1a	Massive lava flows
1b	Pillowed lava flows
1c	Polysutured lava flows
1d	Spinifex-textured lava flows
1e	Talc-serpentine schist

Hole ID Boundary
Elevation (m)
UTM (m)
Hole ID Length (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary

PC-08-019
PA64
PA64
PC-16-309
PC-16-306
PC-08-018
N
0
100
metres

5,711,850mN
5,711,800mN
5,711,750mN
5,711,700mN
5,711,650mN
5,711,600mN
5,711,550mN
5,711,500mN
450mRL
400mRL
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL
PC-16-309
180 / -60
PC-16-306
179.8 / -60
PC-16-309
155.6 m
PC-16-306
161.5 m
0
100
metres

Section PC-16-306 & 309

	PC 2016 Drill Program Pickle Crow Property Looking E +/- 20m envelope
Date: 16/01/2017	
Author: C.Chamale	
Office: T. Bay	
Drawing:	
Scale: 1:500	Projection: UTM Zone 15 (NAD83)

First Mining Finance Corp.

Legend

Phanerozoic

Quaternary

00	Overburden	
	OB	Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

14	Diabase	
	14	Unsubdivided

Archean

13	Lamprophyre	
	13	Unsubdivided
12	Veins	

12	Unsubdivided
12a	Quartz vein (unsubdivided)
12a1	No. 1 Vein
12a2	No. 2 Vein
12a3	No. 3 Vein
12a4	No. 4 Vein
12a5	No. 5 Vein
12a6	No. 6 Vein
12a7	No. 7 Vein
12a8	No. 8 Vein
12a9	No. 9 Vein
12a10	No. 10 Vein
12a11	No. 11 Vein
12a12	No. 12 Vein
12a13	No. 13 Vein
12a14	No. 14 Vein
12a15	No. 15 Vein
12a16	No. 16 Vein
12a17	No. 17 Vein
12a18	No. 18 Vein
12a19	No. 19 Vein (Bread & Butter vein)
12a20	No. 20 Vein (Dooryard vein)
12a21	No. 21 Vein
12a22	No. 22 Vein (Vanos vein)
12a23	No. 23 Vein System
12aR	Riopelle
12aA	Arseride
12aST	Strickland
12a3S	No. 3 Shaft
12aL	Lake Shore
12aSM	Sawmill
12aB	Big Dome
12aM	MacArthur Vein
12aH	Hook
12aSP	Springer
12b	Quartz carbonate vein
12c	Carbonate vein

11	Late Structural Zones

11	Unsubdivided
11a	Shear zone (unsubdivided)
11b	Breccia zone (unsubdivided)
11ba	Tectonic breccia
11c	Fault zone (gouge, lost core)
11e	Massive sulphide replacement

10	Late Unfoliated Felsic to Intermediate Intrusions

10	Unsubdivided
10a	Granitic rocks
10b	Syenitic rocks
10c	Quartz porphyry
10d	Quartz-feldspar porphyry
10e	Feldspar porphyry
10f	Pegmatite
10g	Aplite

9	Intermediate to Felsic Intrusives

9	Unsubdivided
9a	Late mafic intrusions
9aa	Diorite
9ab	Anorthosite
9ac	Gabbro (unsubdivided)
9aca	Leucogabbro
9acb	Melanogabbro
9ad	Norite
9ae	Granophyre
9b	Late ultramafic intrusions (unsubdivided)
9ba	Hornblendite
9bb	Pyroxenite (unsubdivided)
9bc	Peridotite (unsubdivided)
9bd	Talc-serpentinite
9c	Massive magmatic sulphide

8	Early Foliated Felsic to Intermediate Meta-Intrusions

8	Unsubdivided
8a	Granitic rocks
8b	Syenitic rocks
8c	Quartz porphyry
8d	Quartz-feldspar porphyry
8da	Quartz-feldspar porphyritic (Pickle Crow porphyry)
8e	Feldspar porphyry
8ea	Feldspar pophyry (Albany Porphyry)
8f	Aphyric intrusions
8g	Pegmatite

7	Early Foliated Mafic-Ultramafic Intrusions

7	Unsubdivided
7a	Early mafic intrusions (unsubdivided)
7aa	Diorite
7ab	Anorthosite
7ac	Gabbro (unsubdivided)
7aca	Leucogabbro
7acb	Melanogabbro
7ad	Norite
7ae	Granophyre
7b	Early ultramafic intrusions (unsubdivided)
7ba	Hornblendite
7bb	Pyroxenite (unsubdivided)
7bc	Peridotite (unsubdivided)
7bd	Talc-serpentinite
7c	Massive magmatic sulphide

6	Chemical Metasedimentary Rocks

6	Unsubdivided
6a	Graphitic sediments (unsubdivided)
6aa	Graphitic argillite
6b	Chert (unsubdivided)
6c	Iron formation (unsubdivided)
6ca	Oxide facies iron formation
6cb	Carbonate facies iron formation
6cc	Silicate facies iron formation
6cd	Sulphide facies iron formation
6ce	Argillitic iron formation (unsubdivided)
6cf	Interbedded clastic iron formation (unsubdivided)
6d	Sulphidic exhalative

5	Clastic Metasedimentary Rocks

5	Unsubdivided
5a	Argillite (unsubdivided)
5b	Siltstone (unsubdivided)
5c	Sandstone (unsubdivided)
5ca	Wacke
5cb	Arkose/Arenite
5cc	Felsic volcanic, lithic sandstone
5cd	Felsic volcanic, siltstone to sandstone
5ce	Felsic volcanic, pebbly sandstone
5d	Conglomerate (unsubdivided)
5da	Polymictic felsic/intermediate volcanic & chemical sed conglomerate/breccia

4	Felsic Metavolcanic Rocks

4	Unsubdivided
4a	Massive lava flows (unsubdivided)
4aa	Quartz porphyritic lava flows
4ab	Quartz-feldspar porphyritic lava flows
4ac	Feldspar porphyritic lava flows
4b	Tuff (unsubdivided)
4ba	Quartz crystal tuff
4bb	Quartz-feldspar crystal tuff
4bc	Feldspar crystal tuff
4bd	Fragmental units (unsubdivided)
4bda	Lithic tuff (fragments <2 mm)
4bdb	Lapilli tuff (fragments 2 - 64 mm)
4bdc	Tuff breccia (fragments >64 mm)
4d	Felsic unit of uncertain genesis (volcanic or sedimentary)

3	Intermediate Metavolcanic Rocks

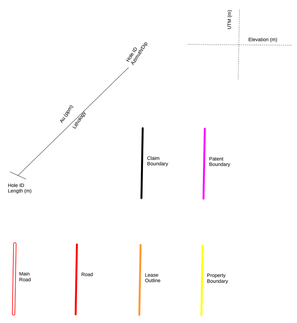
3	Unsubdivided
3a	Massive lava flows (unsubdivided
3aa	Amygdaloidal lava flows
3ab	Quartz-feldspar porphyritic lava flows
3ac	Feldspar porphyritic lava flows
3b	Tuff (unsubdivided)
3ba	Quartz-feldspar crystal tuff
3bb	Feldspar crystal tuff
3bc	Fragmental units (unsubdivided)
3bca	Lithic tuff (fragments <2 mm)
3bcb	Lapilli tuff (fragments 2 - 64 mm)
3bcc	Tuff breccia (fragments >64 mm)

2	Mafic Metavolcanic Rocks

2	Unsubdivided
2a	Massive lava flows (unsubdivided)
2ac	Variolitic lava flows
2ab	Amygdaloidal massive lava flows
2b	Pillowed lava flows (unsubdivided)
2ba	Pillow breccia/hyaloclastite
2bb	Amygdaloidal pillow lava flows
2bc	Magnetite crystal-bearing pillowed laval flow
2c	Tuff (unsubdivided)
2d	Intercalated mafic lava flows and clastic sediments

1	Ultramafic Metavolcanic Rocks

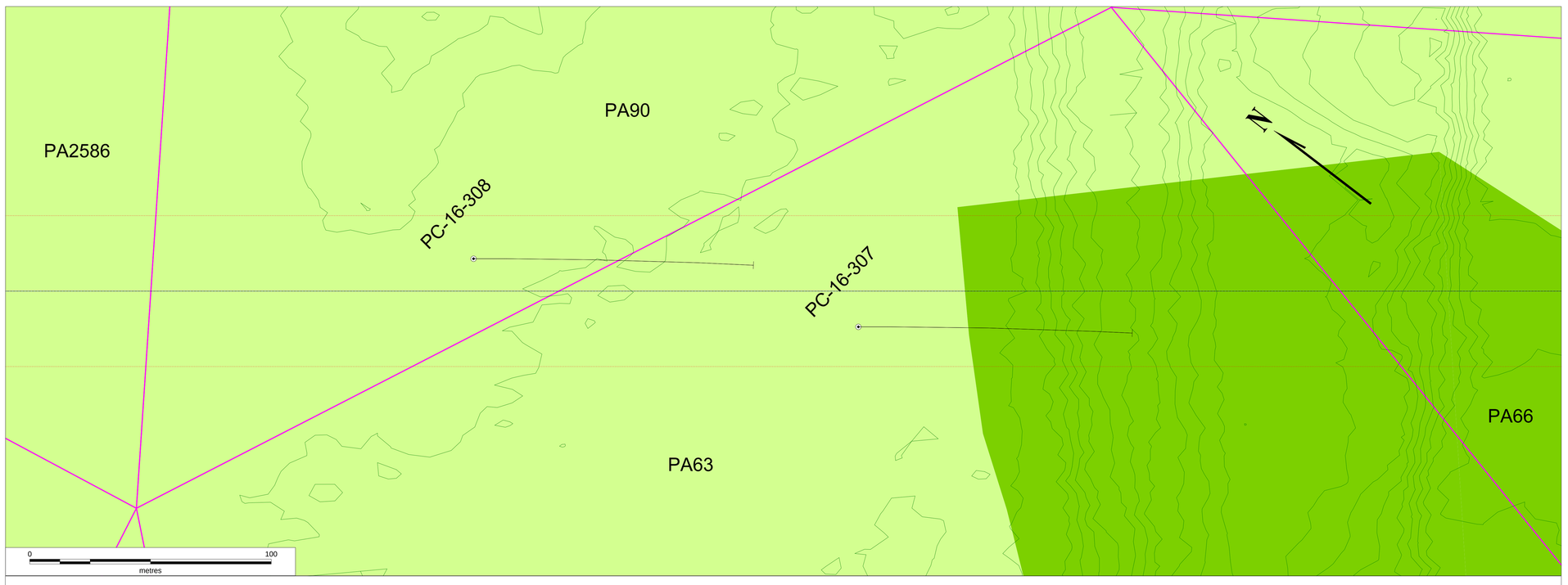
1	Unsubdivided
1a	Massive lava flows
1b	Pillowed lava flows
1c	Polysutured lava flows
1d	Spinifex-textured lava flows
1e	Talc-serpentine schist

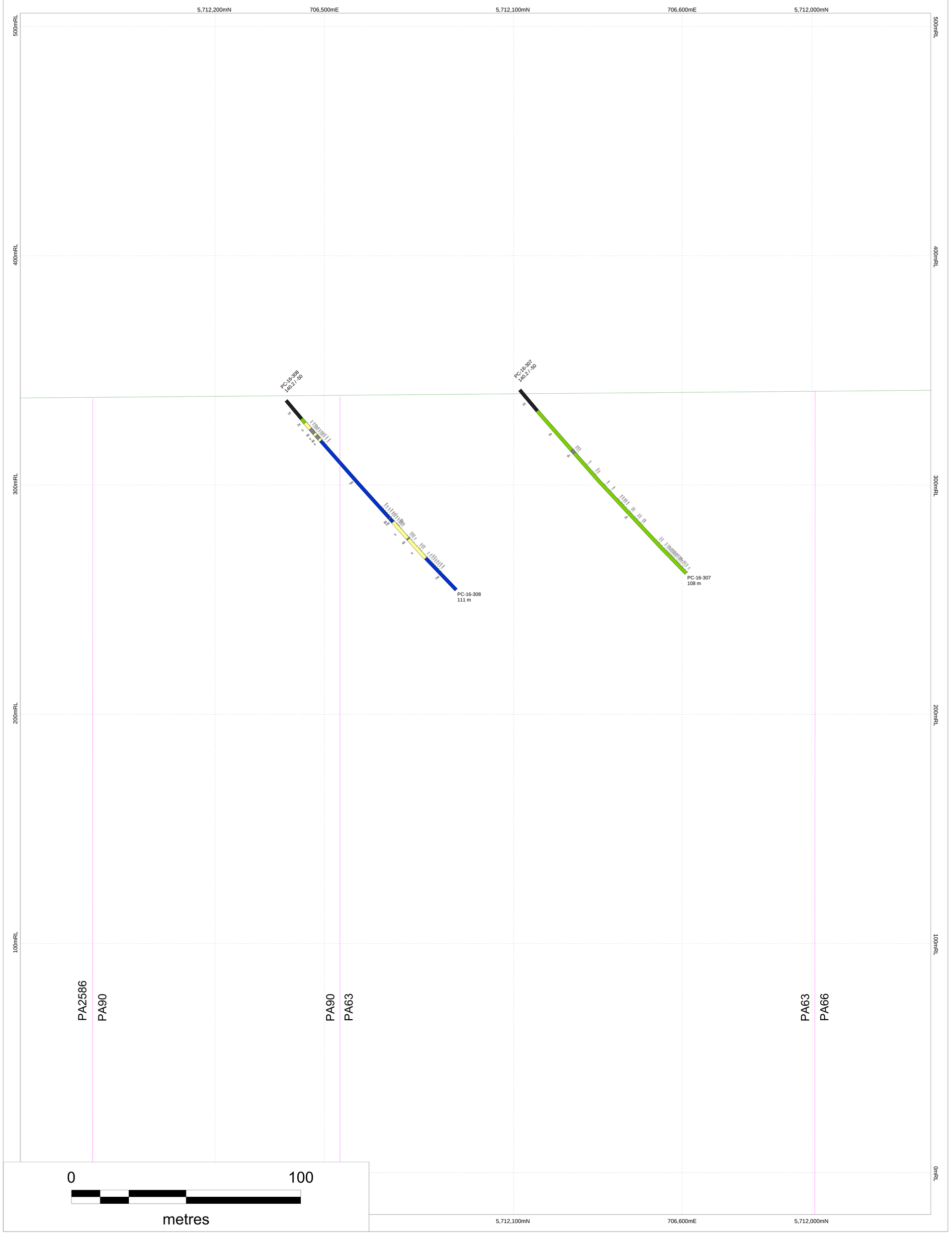


Section PC-16-307 & 308

	PC 2016 Drill Program Pickle Crow Property Looking NE +/- 20m envelope
Date: 16/01/2017	
Author: C.Chamale	
Office: T. Bay	
Drawing:	
Scale: 1:500	Projection: UTM Zone 15 (NAD83)

First Mining Finance Corp.





Legend

Phanerozoic

Quaternary

OB — Overburden

OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

14 — Diabase

14 — Unsubdivided

Archean

13 — Lamprophyre

13 — Unsubdivided

12 — Veins

12	Unsubdivided
12a	Quartz vein (unsubdivided)
12a1	No. 1 Vein
12a2	No. 2 Vein
12a3	No. 3 Vein
12a4	No. 4 Vein
12a5	No. 5 Vein
12a6	No. 6 Vein
12a7	No. 7 Vein
12a8	No. 8 Vein
12a9	No. 9 Vein
12a10	No. 10 Vein
12a11	No. 11 Vein
12a12	No. 12 Vein
12a13	No. 13 Vein
12a14	No. 14 Vein
12a15	No. 15 Vein
12a16	No. 16 Vein
12a17	No. 17 Vein
12a18	No. 18 Vein
12a19	No. 19 Vein (Bread & Butter vein)
12a20	No. 20 Vein (Dooryard vein)
12a21	No. 21 Vein
12a22	No. 22 Vein (Vanos vein)
12a23	No. 23 Vein System
12aR	Riopelle
12aA	Arsenide
12aST	Strickland
12a3S	No. 3 Shaft
12aL	Lake Shore
12aSM	Sawmill
12aB	Big Dome
12aM	MacArthur Vein
12aH	Hook
12aSP	Springer
12b	Quartz carbonate vein
12c	Carbonate vein

11 — Late Structural Zones

11	Unsubdivided
11a	Shear zone (unsubdivided)
11b	Breccia zone (unsubdivided)
11ba	Tectonic breccia
11c	Fault zone (gouge, lost core)
11e	Massive sulphide replacement

10 — Late Unfoliated Felsic to Intermediate Intrusions

10	Unsubdivided
10a	Granitic rocks
10b	Syenitic rocks
10c	Quartz porphyry
10d	Quartz-feldspar porphyry
10e	Feldspar porphyry
10f	Pegmatite
10g	Aplite

9 — Intermediate to Felsic Intrusives

9	Unsubdivided
9a	Late mafic intrusions
9aa	Diorite
9ab	Anorthosite
9ac	Gabbro (unsubdivided)
9aca	Leucogabbro
9acb	Melanogabbro
9ad	Norite
9ae	Granophyre
9b	Late ultramafic intrusions (unsubdivided)
9ba	Hornblendite
9bb	Pyroxenite (unsubdivided)
9bc	Peridotite (unsubdivided)
9bd	Talc-serpentinite
9c	Massive magmatic sulphide

8 — Early Foliated Felsic to Intermediate Meta-Intrusions

8	Unsubdivided
8a	Granitic rocks
8b	Syenitic rocks
8c	Quartz porphyry
8d	Quartz-feldspar porphyry
8da	Quartz-feldspar porphyritic (Pickle Crow porphyry)
8e	Feldspar porphyry
8ea	Feldspar pophyry (Albany Porphyry)
8f	Aphyric intrusions
8g	Pegmatite

7 — Early Foliated Mafic-Ultramafic Intrusions

7	Unsubdivided
7a	Early mafic intrusions (unsubdivided)
7aa	Diorite
7ab	Anorthosite
7ac	Gabbro (unsubdivided)
7aca	Leucogabbro
7acb	Melanogabbro
7ad	Norite
7ae	Granophyre
7b	Early ultramafic intrusions (unsubdivided)
7ba	Hornblendite
7bb	Pyroxenite (unsubdivided)
7bc	Peridotite (unsubdivided)
7bd	Talc-serpentinite
7c	Massive magmatic sulphide

6 — Chemical Metasedimentary Rocks

6	Unsubdivided
6a	Graphitic sediments (unsubdivided)
6aa	Graphitic argillite
6b	Chert (unsubdivided)
6c	iron formation (unsubdivided)
6ca	Oxide facies iron formation
6cb	Carbonate facies iron formation
6cc	Silicate facies iron formation
6cd	Sulphide facies iron formation
6ce	Argillitic iron formation (unsubdivided)
6cf	Interbedded clastic iron formation (unsubdivided)
6d	Sulphidic exhalative

5 — Clastic Metasedimentary Rocks

5	Unsubdivided
5a	Argillite (unsubdivided)
5b	Siltstone (unsubdivided)
5c	Sandstone (unsubdivided)
5ca	Wacke
5cb	Arkose/Arenite
5cc	Felsic volcanic, lithic sandstone
5cd	Felsic volcanic, siltstone to sandstone
5ce	Felsic volcanic, pebbly sandstone
5d	Conglomerate (unsubdivided)
5da	Polymictic felsic/intermediate volcanic & chemical sed conglomerate/breccia

4 — Felsic Metavolcanic Rocks

4	Unsubdivided
4a	Massive lava flows (unsubdivided)
4aa	Quartz porphyritic lava flows
4ab	Quartz-feldspar porphyritic lava flows
4ac	Feldspar porphyritic lava flows
4b	Tuff (unsubdivided)
4ba	Quartz crystal tuff
4bb	Quartz-feldspar crystal tuff
4bc	Feldspar crystal tuff
4bd	Fragmental units (unsubdivided)
4bda	Lithic tuff (fragments <2 mm)
4bdb	Lapilli tuff (fragments 2 - 64 mm)
4bdc	Tuff breccia (fragments >64 mm)
4d	Felsic unit of uncertain genesis (volcanic or sedimentary)

3 — Intermediate Metavolcanic Rocks

3	Unsubdivided
3a	Massive lava flows (unsubdivided
3aa	Amygdaloidal lava flows
3ab	Quartz-feldspar porphyritic lava flows
3ac	Feldspar porphyritic lava flows
3b	Tuff (unsubdivided)
3ba	Quartz-feldspar crystal tuff
3bb	Feldspar crystal tuff
3bc	Fragmental units (unsubdivided)
3bca	Lithic tuff (fragments <2 mm)
3bcb	Lapilli tuff (fragments 2 - 64 mm)
3bcc	Tuff breccia (fragments >64 mm)

2 — Mafic Metavolcanic Rocks

2	Unsubdivided
2a	Massive lava flows (unsubdivided)
2ac	Variolitic lava flows
2ab	Amygdaloidal massive lava flows
2b	Pillowed lava flows (unsubdivided)
2ba	Pillow breccia/hyaloclastite
2bb	Amygdaloidal pillow lava flows
2bc	Magnetite crystal-bearing pillowed laval flow
2c	Tuff (unsubdivided)
2d	Intercalated mafic lava flows and clastic sediments

1 — Ultramafic Metavolcanic Rocks

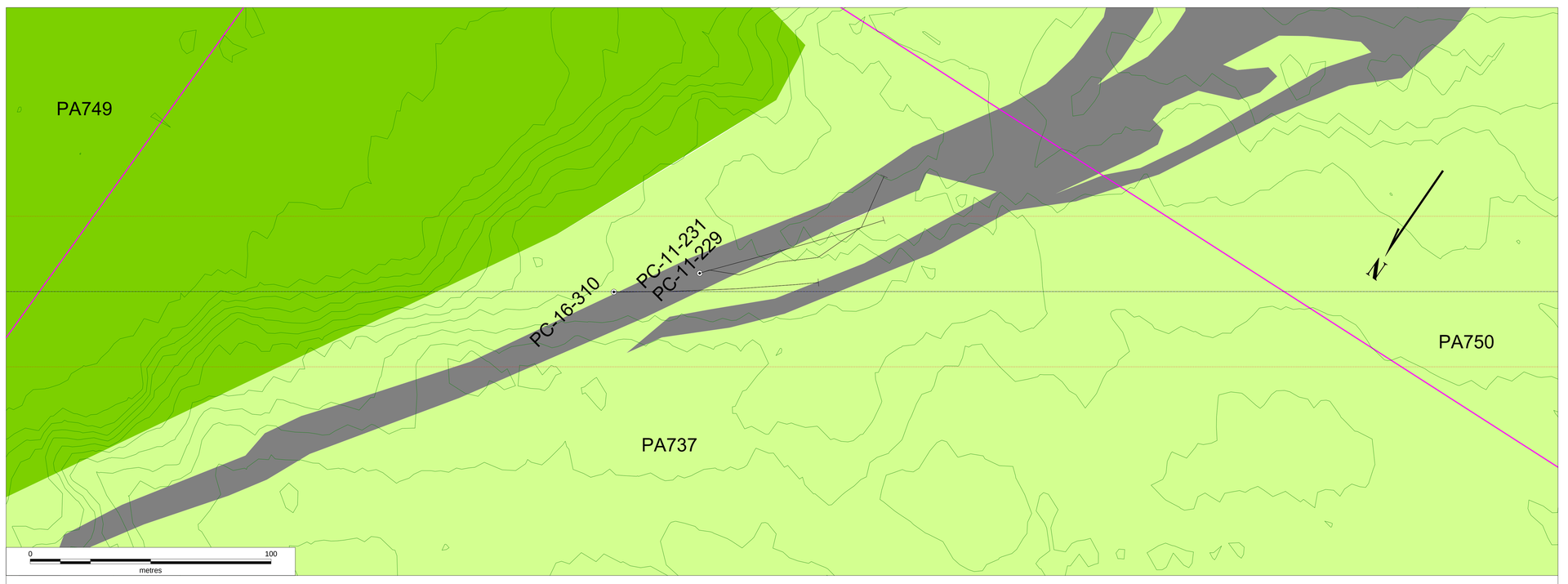
1	Unsubdivided
1a	Massive lava flows
1b	Pillowed lava flows
1c	Polysutured lava flows
1d	Spinifex-textured lava flows
1e	Talc-serpentine schist

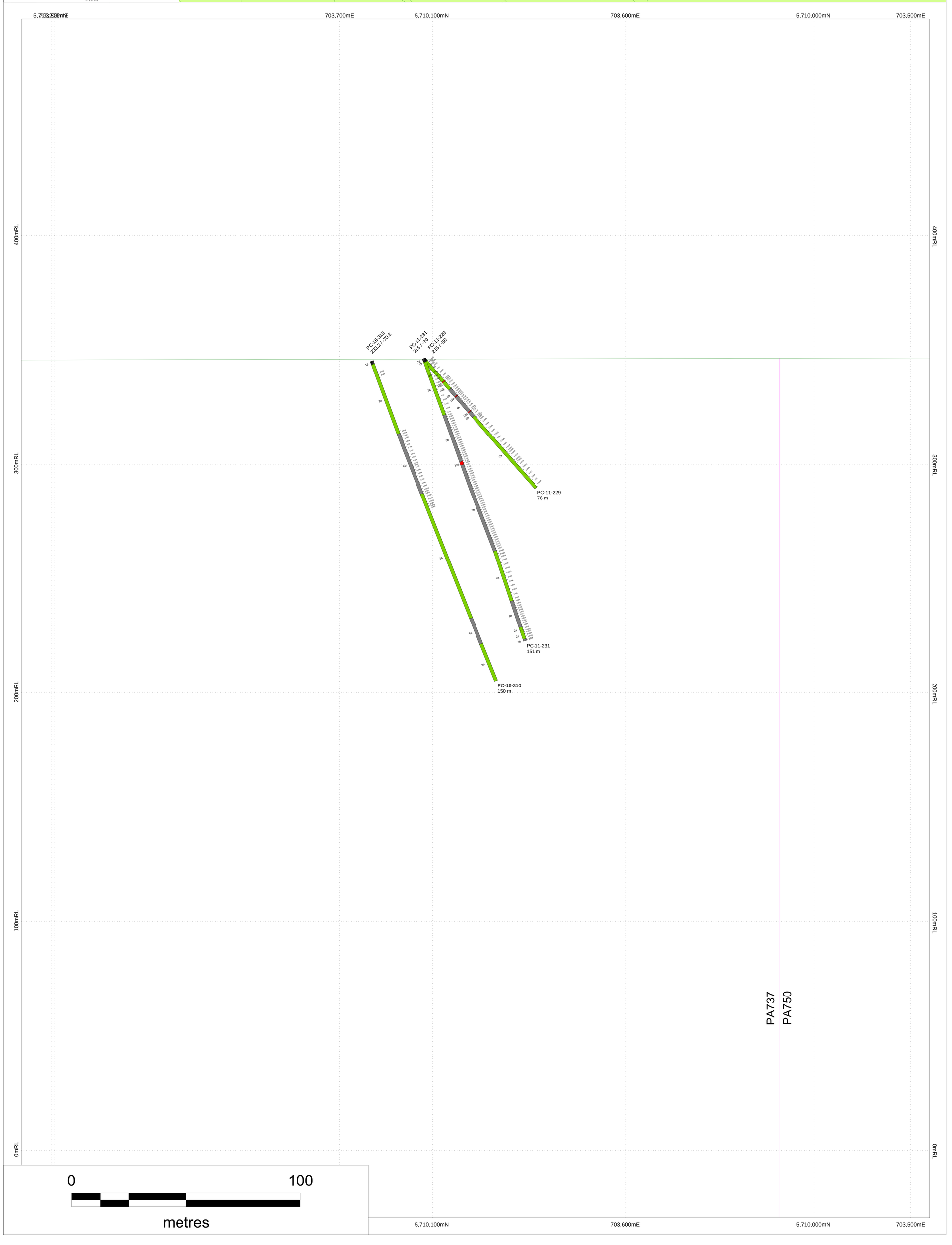
Hole ID / Azimuth
Az (deg)
Length (m)
Inclination
UTM (m)
Elevation (m)
Hole ID
Length (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary

Section PC-16-310

	PC 2016 Drill Program Pickle Crow Property Looking SE +/- 20m envelope
Date: 16/01/2017	
Author: C.Chamale	
Office: T. Bay	
Drawing:	
Scale: 1:500	Projection: UTM Zone 15 (NAD83)

First Mining Finance Corp.





Appendix II – Diamond Drill Hole Logs

DRILL HOLE REPORT

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth:	158
Dip:	-50.1
Length:	153
Started:	10-Nov-16
Completed:	11-Nov-16
Logged:	17-Nov-16

Casing

Length:	0
Pulled:	
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Mine Site
Section:	
Hole Type	DD

Location

Township:	PICKLE LAK
Claim No.:	PA725
NTS:	
Hole:	SURFACE

Other

Logged by:	Carlos Chamale
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Carlos Chamale
Surveyed:	yes
Surveyed by:	Carlos Chamale
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	yes
Multi shot survey:	yes

Comment: Drillhole planned for 170 Az. At surface, the final Az was measured to be approx. 158 degrees with differential GPS.

Coordinate - Gemcom

East:	704398
North:	5710247.7
Elev.:	338.89

Coordinate - UTM

East:	704398
North:	5710247.7
Elev.:	338.89
Zone: 15	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	158.00	-50.10	C	☑	
24.00	172.10	-48.30	EZ	☑	Mag Sus: 58297
75.00	172.60	-47.20	EZ	☑	Mag Sus: 58296
124.00	171.90	-46.70	EZ	☑	Mag Sus: 57270
153.00	173.00	-45.20	EZ	☑	Mag Sus: 56472

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology
0.00	11.45	**15** ***Overburden (Unsubdivided)*** Overburden
11.45	73.20	**5d** ***Conglomerate (unsubdivided)*** Dark grey to light brown, large clasts of meta-seds and volcanic fragments within a fine to medium-grained foliated matrix. Locally angular to sub-angular clasts, appear brecciated. Minor dark grey fresh qz veining and patchy qz throughout. Main fol'n at 45 tca and it grades into less conglomeritic and finer-grained lithology unit.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
11.45 - 15.75	Ser F W	
11.45 - 15.75	Carb F W	
11.45 - 15.75	CHL F W	
11.45 - 15.75	Oxid PCH WM	
15.75 - 73.20	Sil P WM	
15.75 - 73.20	Ser F W	Local wisps and stringers, associated with Fe-oxidation
15.75 - 73.20	Carb F W	
15.75 - 73.20	CHL F W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
11.45 - 39.75	PY DIS 3	
11.45 - 39.75	PO BL 3	
11.45 - 39.75	PO STR 7	Commonly occur as stringers, blebs, and patches.
39.75 - 39.85	PO Mass 25	
39.75 - 39.85	PY Mass 50	Massive sulphide zone consisting of disseminated Py+Po (~2:1 ratio). Vuggy qz at contact walls.

Sample #	From	To	Length	Au (g/t)
468003	19.90	20.40	0.50	0.007
468004	20.40	21.40	1.00	0.008
468006	21.40	21.90	0.50	0.007
468007	21.90	22.90	1.00	0.003
468008	22.90	23.90	1.00	0.007
468009	23.90	24.40	0.50	0.008
468011	24.40	24.90	0.50	0.006
468012	24.90	26.25	1.35	0.006
468013	26.25	26.75	0.50	0.006
468014	26.75	27.25	0.50	0.009
468015	27.25	28.25	1.00	0.006
468016	28.25	28.75	0.50	0.003
468017	28.75	29.75	1.00	0.008
468018	32.00	33.00	1.00	0.009
468019	33.00	34.10	1.10	0.013
468001	17.40	18.90	1.50	0.018
468002	18.90	19.90	1.00	0.104
468021	34.10	35.10	1.00	0.008
468022	35.10	36.60	1.50	0.008
468023	36.60	38.10	1.50	0.012
468024	38.10	39.10	1.00	0.008

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)		Lithology		Sample #	From	To	Length	Au (g/t)
		39.85 - 73.20	PY DIS 3		468026	39.10	40.30	1.20	0.007
		39.85 - 73.20	PO BL 3		468027	41.80	42.80	1.00	0.005
		39.85 - 73.20	PO STR 7	Sulphides gradually increases with depth	468028	42.80	43.40	0.60	0.006
		Structure Maj.:	***Type/Core Angle***	***Comment***	468029	43.40	44.40	1.00	0.048
		73.19 - 73.20	LC 55	Sharp contact	468030	47.15	48.15	1.00	0.006
		Texture Maj:	***Type***	***Comment***	468031	48.15	48.65	0.50	0.003
		11.45 - 73.20	BX	Locally brecciated clasts	468032	48.65	49.65	1.00	0.003
					468033	55.00	55.60	0.60	0.008
					468034	55.60	56.20	0.60	0.003
					468036	57.60	58.60	1.00	0.006
					468037	58.60	59.10	0.50	0.006
					468038	59.10	60.10	1.00	0.010
					468039	65.20	66.20	1.00	0.008
					468041	66.20	66.70	0.50	0.006
					468042	66.70	67.70	1.00	0.009
					468043	67.70	68.70	1.00	0.025
73.20	76.38	**5**	***Clastic Metasedimentary Rocks (Uns***		468044	74.00	75.00	1.00	0.008
		Fine-grained, grey, foliated meta-seds. Thinnly laminated, siliceous, and minor qz-carb stringers, veinlets and qz flooding. Common fine-grained py stringers and blebs.			468045	75.00	75.50	0.50	0.039
					468046	75.50	76.38	0.88	0.006
		Alteration Maj:	***Type/Style/Intensity***	***Comment***					
		73.20 - 76.38	MAG Dis WM						
		73.20 - 76.38	Sil P M						
		73.20 - 76.38	Carb F W						
		73.20 - 76.38	CHL P W						
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***					
		73.20 - 76.38	PO FG 1						
		73.20 - 76.38	PY DIS 3						

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Structure Maj.: ***Type/Core Angle*** ***Comment***

75.60 - 75.61 FOL 40

76.37 - 76.38 LC 55 Sharp

Texture Maj: ***Type*** ***Comment***

73.20 - 76.38 FG

76.38 77.85 **5d** ***Conglomerate (unsubdivided)***

Dark grey to light brown, large clasts of meta-seds and volcanic fragments within a fine to medium-grained foliated matrix.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

76.38 - 77.85 Sil P WM

76.38 - 77.85 Carb F W

76.38 - 77.85 CHL P W

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

76.38 - 77.85 POPY FG 5 Occur as stringers, blebs, and patches

Structure Maj.: ***Type/Core Angle*** ***Comment***

77.84 - 77.85 LC 70 Sharp

77.85 78.85 **5** ***Clastic Metasedimentary Rocks (Uns***

Fine-grained, grey, siliceous, foliated meta-seds.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

77.85 - 78.85 Sil P WM

77.85 - 78.85 Carb F W

77.85 - 78.85 CHL P W

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

77.85 - 78.85 PO FG 1

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

77.85 - 78.85 PY DIS 3

Structure Maj.:	Type/Core Angle	Comment
78.84 - 78.85	LC 40	Sharp

Texture Maj:	Type	Comment
77.85 - 78.85	FG	

78.85 80.06 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, green, foliated mafic flow mixed with large conglomerate fragments.

Alteration Maj:	Type/Style/Intensity	Comment
78.85 - 80.06	MAG Dis W	
78.85 - 80.06	Carb F WM	
78.85 - 80.06	CHL P S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
78.85 - 80.06	PO FG 1	
78.85 - 80.06	PY DIS 2	

Structure Maj.:	Type/Core Angle	Comment
78.90 - 78.91	FOL 45	
80.05 - 80.06	LC 45	Sharp

Texture Maj:	Type	Comment
78.85 - 80.06	FG	

80.06 84.10 **5** ***Clastic Metasedimentary Rocks (Uns***

Fine-grained, grey, siliceous, foliated meta-seds.

Alteration Maj:	Type/Style/Intensity	Comment
80.06 - 84.10	Sil P WM	

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		80.06 - 84.10 Carb F W					
		80.06 - 84.10 CHL P W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		80.06 - 84.10 PO FG 1					
		80.06 - 84.10 PY DIS 3					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		84.09 - 84.10 LC 50 Sharp					
		Texture Maj: ***Type*** ***Comment***					
		80.06 - 84.10 FG					
84.10	85.95	**5d** ***Conglomerate (unsubdivided)***	468047	84.10	85.10	1.00	0.003
		Conglomerate with 3-5% fg po+py as stringers, patches, and blebs throughout.	468048	85.10	85.95	0.85	0.007
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		84.10 - 85.95 Sil P WM					
		84.10 - 85.95 Carb F W					
		84.10 - 85.95 CHL P W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		84.10 - 85.95 PY DIS 3					
		84.10 - 85.95 PO FG 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		85.94 - 85.95 LC 50 Sharp					

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
85.95	101.25	**5** ***Clastic Metasedimentary Rocks (Uns***	468052	96.70	97.20	0.50	0.121
		Fine-grained, greenish grey, foliated meta-seds. Minor conglomerate unit from 100.4-100.58m	468053	97.20	98.30	1.10	0.012
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468054	100.40	101.25	0.85	0.007
		85.95 - 101.25 Carb F W	468049	94.20	95.70	1.50	0.003
		85.95 - 101.25 CHL P W Subtle difference in alt'n than overlying meta-seds	468051	95.70	96.70	1.00	0.013
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		85.95 - 101.25 PO DIS 1					
		85.95 - 101.25 PY FG 3					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		92.60 - 92.61 FOL 30 Qz-carb veinlet along main fabric					
		101.24 - 101.25 LC 50 Sharp					
		Texture Maj: ***Type*** ***Comment***					
		85.95 - 101.25 FG					
101.25	101.90	**5d** ***Conglomerate (unsubdivided)***	468056	101.25	101.90	0.65	0.016
		Conglomerate with 3-5% fg po+py.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		101.25 - 101.90 Carb FF W					
		101.25 - 101.90 CHL P W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		101.25 - 101.90 PO FG 3					
		101.25 - 101.90 PY DIS 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		101.89 - 101.90 LC 50 Sharp					
101.90	106.80	**5** ***Clastic Metasedimentary Rocks (Uns***					

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Fine-grained, greenish grey, foliated meta-seds. Thin conglomerate section at 105m.

Alteration Maj:	Type/Style/Intensity	Comment
101.90 - 106.80	Carb F W	
101.90 - 106.80	CHL P W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
101.90 - 106.80	PY FG 1	
101.90 - 106.80	PO DIS 3	

Structure Maj.:	Type/Core Angle	Comment
103.20 - 103.21	FOL 40	
106.79 - 106.80	LC 40	Gradational contact with underlying argillite seds.

Texture Maj:	Type	Comment
101.90 - 106.80	FG	

106.80 109.20 **5a** ***Argillite (unsubdivided)***

Fine-grained, dark grey, thinnly laminated argillite meta-seds.

Alteration Maj:	Type/Style/Intensity	Comment
106.80 - 109.20	Carb F MS	
106.80 - 109.20	Carb P MS	

Mineralization Maj. :	Type/Style/%Mineral	Comment
106.80 - 109.20	PY DIS 1	
106.80 - 109.20	PO FG 3	

Structure Maj.:	Type/Core Angle	Comment
109.19 - 109.20	LC 55	Conglomerate fragments near LC

Texture Maj:	Type	Comment
106.80 - 109.20	FG	

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
109.20	110.27	**5d** ***Conglomerate (unsubdivided)***					

Chlorite altered conglomerate intercalated with thin mag-rich BIF (109.55-109.78; 110.04-110.14m).

Alteration Maj:	*Type/Style/Intensity*	*Comment*
109.20 - 110.27	Carb F W	
109.20 - 110.27	CHL P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
109.20 - 110.27	PY DIS 3	
109.20 - 110.27	PO FG 5	

Structure Maj.:	*Type/Core Angle*	*Comment*
109.60 - 109.61	BD 50	BIF
110.26 - 110.27	LC 35	Sharp

110.27	112.70	**5a** ***Argillite (unsubdivided)***					

Fine-grained, dark grey, thinnly laminated argillite meta-seds.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
110.27 - 112.70	Carb F MS	
110.27 - 112.70	Carb P MS	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
110.27 - 112.70	PY DIS 1	
110.27 - 112.70	PO FG 3	

Structure Maj.:	*Type/Core Angle*	*Comment*
112.69 - 112.70	LC 50	Sharp

Texture Maj:	*Type*	*Comment*
110.27 - 112.70	FG	

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
112.70	113.35	**2a** ***Massive mafic flows (Unsubdivided)***	468057	112.70	113.35	0.65	0.003

Massive, green, medium-grained gabbro/coarser grained mafic flow with minor qz-carb flooding.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
112.70 - 113.35	Carb F W	
112.70 - 113.35	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
112.70 - 113.35	PO FG 1	
112.70 - 113.35	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
113.34 - 113.35	LC 50	Sharp

Texture Maj:	*Type*	*Comment*
112.70 - 113.35	MG	
112.70 - 113.35	FG	

113.35	113.88	**5** ***Clastic Metasedimentary Rocks (Uns***	468058	113.35	113.88	0.53	0.006

Fine-grained, greenish brown, thinnly laminated meta-seds or tuffs with 5% fine-grained po.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
113.35 - 113.88	CHL P W	
113.35 - 113.88	Ser P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
113.35 - 113.88	PY DIS 1	
113.35 - 113.88	PO FG 5	

Structure Maj.:	*Type/Core Angle*	*Comment*
113.87 - 113.88	LC 45	

Texture Maj:	*Type*	*Comment*
113.35 - 113.88	MG	
113.35 - 113.88	FG	

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
113.88	114.83	**2a** ***Massive mafic flows (Unsubdivided)***	468059	113.88	114.83	0.95	0.003

Massive, green, medium-grained gabbro/coarser grained mafic flow with minor qz-carb veining and flooding.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
113.88 - 114.83	Carb F W	
113.88 - 114.83	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
113.88 - 114.83	PO FG 1	
113.88 - 114.83	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
114.82 - 114.83	LC 50	Sharp

Texture Maj:	*Type*	*Comment*
113.88 - 114.83	MG	
113.88 - 114.83	FG	

114.83	132.46	**3** ***Intermediate Metavolcanic Rocks (Un***	468060	114.83	115.40	0.57	0.009
			468061	115.40	116.40	1.00	0.008
			468062	119.00	120.00	1.00	0.013
			468063	120.00	121.00	1.00	0.006
			468064	121.00	122.00	1.00	0.006
			468066	130.60	131.56	0.96	0.007
			468067	131.56	132.46	0.90	0.110

Mix bag of intermediate tuffs with meta-seds (5, 5a, 5b, 5d).

Alteration Maj:	*Type/Style/Intensity*	*Comment*
114.83 - 132.46	Ser P W	
114.83 - 132.46	CHL P W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
114.83 - 132.46	PO STR 1	
114.83 - 132.46	PO DIS 1	
114.83 - 132.46	PY STR 1	
114.83 - 132.46	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
115.95 - 115.96	FOL 45	TCA

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

125.20 - 125.21	FOL 55	TCA
132.45 - 132.46	LC 50	Sharp contact.

Texture Maj:	Type	Comment
114.83 - 132.46	LNTD	
114.83 - 132.46	FG	

132.46 | 138.12 | **5c** ***Sandstone (unsubdivided)*** | 468068 | 132.46 | 133.80 | 1.34 | 0.003

Fine-grained, dark grey, massive equigranular meta-seds. Common carb stringers and local cubic py.

Alteration Maj:	Type/Style/Intensity	Comment
132.46 - 138.12	Sil INT WM	
132.46 - 138.12	Carb SP WM	
132.46 - 138.12	Carb P WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
132.46 - 138.12	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
134.90 - 134.91	FOL 55	TCA
138.11 - 138.12	LC 50	TCA. Sharp contact.

Texture Maj:	Type	Comment
132.46 - 138.12	PORPH	Trace Qz phenocrysts or secondary qz?
132.46 - 138.12	MASS	
132.46 - 138.12	FG	

Hole Number **PC-16-302** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
138.12	153.00	**2** ***Mafic Metavolcanic Rocks (Unsubdivi***	468069	138.12	139.10	0.98	0.003
			468071	142.00	143.00	1.00	0.015
			468072	143.00	143.60	0.60	0.006
			468073	143.60	144.60	1.00	0.003

Fine to medium-grained, light green-green, strongly foliated mafic volcanic with common qz-carb flooding and stringers. Pepper-like texture of lineated mafic minerals. Gabbro or coarser mafic flow. EOH.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
138.12 - 153.00	Ser INT W	
138.12 - 153.00	Carb SP MS	
138.12 - 153.00	Carb P MS	
138.12 - 153.00	CHL P MS	

Structure Maj.:	*Type/Core Angle*	*Comment*
140.85 - 140.86	FOL 45	TCA.

DRILL HOLE REPORT

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth: 170.2
Dip: -50
Length: 158.1
Started: 11-Nov-16
Completed: 12-Nov-16
Logged: 19-Nov-16
Comment:

Casing

Length: 0
Pulled:
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Mine Site
Section:
Hole Type DD

Location

Township: PICKLE LAK
Claim No.: PA725
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 704394.27
North: 5710490.01
Elev.: 342.39

Coordinate - UTM

East: 704394.27
North: 5710490.01
Elev.: 342.39
Zone: 15 **NAD:** NAD83

Other

Logged by: Carlos Chamale
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Carlos Chamale
Surveyed:
Surveyed by: Carlos Chamale
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.20	-50.00	C	☑	
39.00	313.40	-49.60	EZ	☑	Mag Sus: 145963; bad test
90.00	190.90	-48.90	EZ	☑	Mag Sus: 53707
141.00	182.30	-48.30	EZ	☑	Mag Sus: 55166
158.00	181.40	-48.10	EZ	☑	Mag Sus: 59692

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	22.60	**15** ***Overburden (Unsubdivided)***					

Overburden

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
22.60	29.23	**2a** ***Massive mafic flows (Unsubdivided)***					

Fine-grained, strongly chloritized, massive mafic flows.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
22.60 - 29.23	Oxid F WM	
22.60 - 29.23	Carb F MS	
22.60 - 29.23	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
22.60 - 29.23	PY DIS 0.5	

Structure Maj.:	*Type/Core Angle*	*Comment*
29.22 - 29.23	LC 55	Sharp

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
29.23	33.27	**6c** ***Iron formation (unsubdivided)***					

Thinnly bedded (<2cm) magnetite-rich Iron Formations.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
29.23 - 33.27	Oxid F W	
29.23 - 33.27	CHL F W	
29.23 - 33.27	Carb FF W	
29.23 - 33.27	MAG B I	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
29.23 - 33.27	POPY DIS 3	

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Structure Maj.: ***Type/Core Angle*** ***Comment***

30.50 - 30.51 BD 60

33.26 - 33.27 LC 55 Sharp

33.27 33.74 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, strongly chloritized, massive mafic flows.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

33.27 - 33.74 Oxid F W

33.27 - 33.74 Carb F M

33.27 - 33.74 CHL P S

Structure Maj.: ***Type/Core Angle*** ***Comment***

33.73 - 33.74 LC 55 Sharp

33.74 34.62 **6c** ***Iron formation (unsubdivided)***

Thinnly bedded magnetite-rich Iron Formations.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

33.74 - 34.62 Oxid F W

33.74 - 34.62 CHL F W

33.74 - 34.62 Carb FF W

33.74 - 34.62 MAG B I

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

33.74 - 34.62 POPY DIS 3

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		34.45 - 34.46 BD 55					
		34.61 - 34.62 LC 45					
34.62	37.00	**2a** ***Massive mafic flows (Unsubdivided)***	468074	34.62	35.25	0.63	0.010
		Fine-grained, strongly foliated mafic flows.	468075	35.25	36.00	0.75	0.111
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468076	36.00	37.00	1.00	0.122
		34.62 - 37.00 Oxid F W					
		34.62 - 37.00 Carb F WM					
		34.62 - 37.00 CHL P S					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		36.61 - 36.62 FOL 55					
		36.99 - 37.00 LC 50 Qz vein contact.					
37.00	38.66	**6c** ***Iron formation (unsubdivided)***	468077	37.00	38.00	1.00	0.044
		Thinnly bedded magnetite-rich Iron Formations.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		37.00 - 38.66 Oxid F W					
		37.00 - 38.66 CHL F W					
		37.00 - 38.66 Carb FF W					
		37.00 - 38.66 MAG B I					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		37.00 - 38.66 POPY DIS 3					

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Structure Maj.: ***Type/Core Angle*** ***Comment***

38.05 - 38.06 BD 60

38.65 - 38.66 LC 70

38.66 41.22 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, strongly chloritized mafic flows with local magnetite-rich bands/pods (<3cm). Common carb stringers @ 55 TCA.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

38.66 - 41.22 Carb F W

38.66 - 41.22 CHL P S

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

38.66 - 41.22 PY DIS 1

Structure Maj.: ***Type/Core Angle*** ***Comment***

40.55 - 40.56 FOL 55

41.21 - 41.22 LC 60 Sharp.

Texture Maj: ***Type*** ***Comment***

38.66 - 41.22 APH

38.66 - 41.22 FG

41.22 42.09 **7ac** ***Gabbro (unsubdivided)***

Fine to medium-grained, green, non-magnetic, moderately chloritized, massive to weakly foliated Gabbro or a coarser mafic flow.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

41.22 - 42.09 Fu F W

41.22 - 42.09 Carb F WM

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

41.22 - 42.09 Carb P WM

41.22 - 42.09 CHL P M

Mineralization Maj. :	Type/Style/%Mineral	Comment
41.22 - 42.09	PY CG 1	Cubic.
41.22 - 42.09	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
41.85 - 41.86	FOL 60	Weak foliation.
42.08 - 42.09	LC 55	Sharp.

Texture Maj:	Type	Comment
41.22 - 42.09	MG	

42.09 42.30 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, green, strongly chloritized mafic flows

Alteration Maj:	Type/Style/Intensity	Comment
42.09 - 42.30	Carb F WM	
42.09 - 42.30	Carb P WM	
42.09 - 42.30	CHL P S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
42.09 - 42.30	PY CG 1	Cubic.
42.09 - 42.30	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
42.15 - 42.16	FOL 55	
42.29 - 42.30	LC 55	Sharp.

Texture Maj:	Type	Comment
42.09 - 42.30	APH	
42.09 - 42.30	FG	

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
42.30	79.69	**7ac** ***Gabbro (unsubdivided)***	468078	46.50	48.00	1.50	0.007
		Medium to coarse-grained, green, mod to strongly chloritized, massive to weakly foliated Gabbro. Coarse-grained mafic grains within a fine-grained leucocratic matrix.Generally non-magnetic with occasional mag-high mafic flows (<1m). Gradational contact.	468079	48.00	49.50	1.50	0.016
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468081	51.00	52.00	1.00	0.007
		42.30 - 79.69 Fu F W	468082	52.00	53.00	1.00	0.003
		42.30 - 79.69 Carb F WM	468083	53.00	54.00	1.00	0.008
		42.30 - 79.69 Carb P WM	468084	54.00	55.50	1.50	0.003
		42.30 - 79.69 CHL P MS	468086	57.40	58.90	1.50	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	468087	58.90	60.30	1.40	0.005
		42.30 - 79.69 PY CG 1 Cubic, up to 4mm in size.	468088	72.20	73.20	1.00	0.009
		42.30 - 79.69 PY DIS 1	468089	73.20	73.70	0.50	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	468090	73.70	74.70	1.00	0.003
		56.90 - 56.91 FOL 45					
		69.32 - 69.33 FOL 50					
		Texture Maj: ***Type*** ***Comment***					
		42.30 - 79.69 MASS					
		42.30 - 79.69 META					
		42.30 - 79.69 CG					
79.69	93.95	**7** ***Early Foliated Mafic-Ultramafic intrusi***	468091	79.69	81.10	1.41	0.013
		Medium grained, grey to greenish grey leucogabbro. Possibly a silicified andesite. Moderately altered and foliated from 79.69-84m. Generally massive towards LC.	468092	81.10	82.60	1.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468093	82.60	84.10	1.50	0.040
		79.69 - 93.95 CHL B W Common near upper contact.	468094	86.10	87.60	1.50	0.003
		79.69 - 93.95 Sil P MS	468096	87.60	88.50	0.90	0.003
			468097	88.50	90.00	1.50	0.006

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

79.69 - 93.95 Carb F WM

79.69 - 93.95 Carb P WM

79.69 - 93.95 CHL INT W Decreases with depth.

Mineralization Maj. :	Type/Style/%Mineral	Comment
79.69 - 93.95	PY DIS 1	
79.69 - 93.95	CP DIS 1	Mainly from 82-84m

Structure Maj.:	Type/Core Angle	Comment
81.56 - 81.57	FOL 45	
93.94 - 93.95	LC 55	Sharp

Texture Maj:	Type	Comment
79.69 - 93.95	MASS	
79.69 - 93.95	MG	

93.95 97.86 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, strongly chloritized mafic flows.

Alteration Maj:	Type/Style/Intensity	Comment
93.95 - 97.86	Carb INT WM	
93.95 - 97.86	Carb F WM	
93.95 - 97.86	CHL P I	

Mineralization Maj. :	Type/Style/%Mineral	Comment
93.95 - 97.86	PY CG 1	Cubic.
93.95 - 97.86	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
96.75 - 96.76	FOL 45	
97.85 - 97.86	LC 45	Sharp

Texture Maj:	Type	Comment
93.95 - 97.86	FG	

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
97.86	100.71	**3b** ***Intermediate Tuff (unsubdivided)***	468098	97.86	99.00	1.14	0.003
		Fine-grained, grey to brown, laminated intermediate tuff.	468099	99.00	99.80	0.80	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468101	99.80	100.71	0.91	0.010
		97.86 - 100.71 Ser P W					
		97.86 - 100.71 Sil B W					
		97.86 - 100.71 Fu B W Associated with silica bands (<1cm).					
		97.86 - 100.71 Carb F WM					
		97.86 - 100.71 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		97.86 - 100.71 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		100.03 - 100.04 FOL 35					
		100.70 - 100.71 LC 45 Sharp					
		Texture Maj: ***Type*** ***Comment***					
		97.86 - 100.71 LNTD					
		97.86 - 100.71 FG					
100.71	102.23	**2a** ***Massive mafic flows (Unsubdivided)***	468102	100.71	101.40	0.69	0.014
		Fine-grained, strongly chloritized, dark green, massive mafic flows. More chloritic-rich than overlying flows.	468103	101.40	102.23	0.83	0.013
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		100.71 - 102.23 Carb F M					
		100.71 - 102.23 CHL P I					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		100.71 - 102.23 PO DIS 1					

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		100.71 - 102.23 PY DIS 1					
		100.71 - 102.23 PY CG 2 Cubic.					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		101.45 - 101.46 FOL 40					
		102.22 - 102.23 LC 40 Sharp					
		Texture Maj: ***Type*** ***Comment***					
		100.71 - 102.23 FG					
102.23	108.30	**3b** ***Intermediate Tuff (unsubdivided)***	468104	102.23	103.60	1.37	0.003
		Fine-grained, grey to brown, laminated intermediate tuff.	468106	103.60	105.00	1.40	0.010
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468107	107.20	108.20	1.00	0.003
		102.23 - 108.30 Sil B W					
		102.23 - 108.30 Fu B W					
		102.23 - 108.30 Carb F WM					
		102.23 - 108.30 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		102.23 - 108.30 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		107.39 - 107.40 FOL 50					
		107.63 - 107.65 G 55 FT gouge of unconsolidated material, mainly clay minerals.					
		Texture Maj: ***Type*** ***Comment***					
		102.23 - 108.30 LNTD					
		102.23 - 108.30 FG					

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
108.30	108.52	**12b** ***Quartz carbonate vein***	468108	108.20	108.70	0.50	0.003

White to locally smokey grey qz-carb flooding with tourmaline and fuchsite within fractures. Coarsely crystalline texture and minor dissseminated py+po.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
108.30 - 108.52	Sil F S	
108.30 - 108.52	Fu F W	
108.30 - 108.52	Carb P WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
108.30 - 108.52	PO DIS 1	
108.30 - 108.52	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
108.51 - 108.52	LC 55	Irregular contacts

108.52	114.32	**3b** ***Intermediate Tuff (unsubdivided)***	468109	108.70	109.70	1.00	0.003

Fine-grained, grey to brown, laminated intermediate tuff.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
108.52 - 114.32	Sil F W	
108.52 - 114.32	Fu F W	
108.52 - 114.32	Carb F WM	
108.52 - 114.32	CHL P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
108.52 - 114.32	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
113.20 - 113.21	FOL 35	Weak foliation.
114.31 - 114.32	LC 35	

Texture Maj:	*Type*	*Comment*
108.52 - 114.32	LNTD	

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		108.52 - 114.32 FG					
114.32	117.70	**6c** ***Iron formation (unsubdivided)***	468111	115.70	116.70	1.00	0.026
		Magnetite-rich Banded Iron Formations with 3-5% disseminated py+po.	468112	116.70	117.20	0.50	0.274
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468113	117.20	117.70	0.50	0.029
		114.32 - 117.70 MAG B S					
		114.32 - 117.70 CHL B MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		114.32 - 117.70 POPY BL 3					
		114.32 - 117.70 POPY DIS 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		117.20 - 117.21 BD 30					
		117.69 - 117.70 LC 35 Sharp					
117.70	123.40	**5** ***Clastic Metasedimentary Rocks (Uns***	468114	117.70	118.70	1.00	0.018
		Fine-grained, grey to light brown, silicified meta-seds with thin laminated tuffaceous zones.	468115	122.30	123.30	1.00	0.031
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		117.70 - 123.40 Carb F WM					
		117.70 - 123.40 Sil INT MS					
		117.70 - 123.40 CHL F W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		117.70 - 123.40 PO DIS 5					
		117.70 - 123.40 PY CG 5					
		117.70 - 123.40 PY DIS 10					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		123.39 - 123.40 LC 25					
		Texture Maj: ***Type*** ***Comment***					
		117.70 - 123.40 EQUI					
		117.70 - 123.40 FG					
123.40	123.80	**11d** ***Massive sulphide replacement***	468116	123.30	123.90	0.60	0.022
		Massive sulphide replacement hosted in silicified vuggy meta-seds. Mainly pyrite with interstitial po.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		123.40 - 123.80 Carb P MS					
		123.40 - 123.80 Sil INT MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		123.40 - 123.80 PO DIS 10					
		123.40 - 123.80 PY DIS 20					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		123.79 - 123.80 LC 40 Sharp					
		Texture Maj: ***Type*** ***Comment***					
		123.40 - 123.80 REXD					

Hole Number **PC-16-303** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology
123.80	158.10	**5** ***Clastic Metasedimentary Rocks (Uns***

Fine-grained, grey to light brown, silicified meta-seds with thin laminated tuffaceous zones. EOH.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
123.80 - 158.10	Ser F WM	Associated with qz flooding from 141.75 - 147.7 m.
123.80 - 158.10	Carb F WM	
123.80 - 158.10	CHL F W	
123.80 - 158.10	Sil INT S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
123.80 - 158.10	PO DIS 1	
123.80 - 158.10	PY CU 3	
123.80 - 158.10	PY DIS 3	

Structure Maj.:	*Type/Core Angle*	*Comment*
138.70 - 138.71	FOL 40	
146.40 - 146.50	SHR 40	Shear zone - lost core. Highly fractured and foliated zone with sericite+fuchsite along fracture planes.

Texture Maj:	*Type*	*Comment*
123.80 - 158.10	EQUI	
123.80 - 158.10	FG	

Sample #	From	To	Length	Au (g/t)
468117	123.90	124.90	1.00	0.003
468118	124.90	125.40	0.50	0.003
468119	125.40	126.40	1.00	0.003
468134	131.00	132.00	1.00	0.007
468136	132.00	132.50	0.50	0.005
468137	132.50	133.50	1.00	0.003
468121	141.00	142.00	1.00	0.036
468122	142.00	143.00	1.00	0.011
468123	143.00	143.50	0.50	0.052
468124	143.50	144.00	0.50	0.038
468126	144.00	144.50	0.50	0.197
468127	144.50	145.00	0.50	0.058
468128	145.00	145.50	0.50	0.137
468129	145.50	146.00	0.50	0.045
468130	146.00	146.50	0.50	0.014
468131	146.50	147.00	0.50	0.007
468132	147.00	147.70	0.70	0.029
468133	147.70	148.70	1.00	0.005

DRILL HOLE REPORT

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth: 170.1
Dip: -75
Length: 138
Started: 13-Nov-16
Completed: 14-Nov-16
Logged: 22-Nov-16
Comment:

Casing

Length: 0
Pulled:
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Mine Site
Section:
Hole Type DD

Location

Township: PICKLE LAK
Claim No.: PA70
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 705695.18
North: 5711303.18
Elev.: 361.12

Coordinate - UTM

East: 705695.18
North: 5711303.18
Elev.: 361.12
Zone: 15 **NAD:** NAD83

Other

Logged by: Carlos Chamale
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Carlos Chamale
Surveyed: yes
Surveyed by: Carlos Chamale
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.10	-75.00	C	☑	
15.00	165.80	-75.20	EZ	☑	Mag Sus: 58106
66.00	159.80	-75.00	EZ	☑	Mag Sus: 57213
102.00	161.00	-74.90	EZ	☑	Mag Sus: 57212
135.00	165.30	-74.90	EZ	☑	Mag Sus: 59007

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	2.80	**15** ***Overburden (Unsubdivided)*** Overburden					
2.80	110.67	**2b** ***Pillowed mafic flows (Unsubdivided)*** Fine-grained, dark green, strongly chloritized, massive spherulitic mafic pillow flows. Spherulites occur mostly from 23-32.5m ranging from mm to cm in size and are weakly foliated to strongly altered within narrow shear bands (<30cm). Pillow selvages and fracture planes are typically altered with qz-carb-kspar-ep. Minor qz-carb flooding and veining (cm-size) to 71.8m then flows gradually become brecciated and fractured towards lower contact with QFP.	468139	4.00	5.00	1.00	0.039
			468141	6.00	7.00	1.00	0.019
			468142	7.00	7.50	0.50	0.023
			468143	7.50	8.50	1.00	0.010
			468144	17.90	18.90	1.00	0.007
			468145	18.90	19.40	0.50	0.014
			468146	19.40	20.40	1.00	0.017
			468147	25.00	26.00	1.00	0.010
			468148	26.00	27.00	1.00	0.011
			468149	28.50	29.50	1.00	0.126
			468151	29.50	30.00	0.50	0.009
			468152	30.00	30.50	0.50	0.008
			468153	30.50	32.00	1.50	0.003
			468154	32.00	32.70	0.70	0.008
			468156	32.70	33.70	1.00	0.013
			468157	42.00	43.00	1.00	0.010
			468158	43.00	44.00	1.00	0.011
			468159	44.00	45.10	1.10	0.144
			468160	47.00	48.00	1.00	0.009
			468161	53.50	54.50	1.00	0.011
			468162	54.50	55.10	0.60	0.012

Alteration Maj: / ***Type/Style/Intensity*** / ***Comment***

2.80 - 110.67	K F W	
2.80 - 110.67	EP PCH W	
2.80 - 110.67	Carb F WM	
2.80 - 110.67	CHL P S	

Mineralization Maj. : / ***Type/Style/%Mineral*** / ***Comment***

2.80 - 110.67	PO DIS 1	
2.80 - 110.67	PY BL 1	
2.80 - 110.67	PY DIS 2	

Structure Maj.: / ***Type/Core Angle*** / ***Comment***

17.40 - 17.41	FOL 50	Weak foliation.
25.35 - 25.52	SHR 35	Qz-Alb-carb thin shear band. Spherulites are strongly altered and foliated/sheared.
29.61 - 29.94	SHR 30	Qz-Alb-carb thin shear band with highly altered spherulites.
110.66 - 110.67	LC 55	Sharp contact

Texture Maj: / ***Type*** / ***Comment***

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)		Lithology	Sample #	From	To	Length	Au (g/t)
		2.80 - 110.67	P	468163	55.10	56.10	1.00	0.009
		2.80 - 110.67	S	468164	59.70	60.70	1.00	0.003
		2.80 - 110.67	FG	468166	68.40	69.40	1.00	0.008
				468167	69.40	70.40	1.00	0.005
				468168	70.40	71.90	1.50	0.017
				468169	83.00	84.00	1.00	0.005
				468138	3.00	4.00	1.00	0.006
				468171	84.00	85.00	1.00	0.010
				468172	65.00	66.00	1.00	0.023
				468173	66.00	66.50	0.50	0.005
				468174	66.50	67.50	1.00	0.015
				468175	105.50	106.50	1.00	0.014
				468176	106.50	107.00	0.50	1.565
				468177	107.00	108.00	1.00	0.068
				468178	109.60	110.67	1.07	0.003
110.67	111.85	**11b**	***Breccia zone (unsubdivided)***	468179	110.67	111.85	1.18	0.003

Highly fractured to brecciated mafic fragments within a silica+carb matrix and 1-3% fine-grained disseminated py+po.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
110.67 - 111.85	Sil FF M	
110.67 - 111.85	EP F W	
110.67 - 111.85	Carb INT WM	
110.67 - 111.85	Carb F WM	
110.67 - 111.85	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
110.67 - 111.85	PO DIS 1	
110.67 - 111.85	PY DIS 3	

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		111.84 - 111.85 LC 80 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		110.67 - 111.85 BX					
111.85	113.65	**8d** ***Quartz-feldspar porphyry***	468181	111.85	113.10	1.25	0.003
		Dark grey, medium to coarse-grained quartz feldspar porphyry. Biotite-rich matrix and 1-2% disseminated py and occasional cm-size qz-chl-ser veining (<2cm).	468182	113.10	113.65	0.55	0.005
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		111.85 - 113.65 Ser F W					
		111.85 - 113.65 BIO INT M					
		111.85 - 113.65 Carb F W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		111.85 - 113.65 PY CG 1					
		111.85 - 113.65 PY DIS 2					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		113.64 - 113.65 LC 50 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		111.85 - 113.65 PORPH					
113.65	116.70	**11b** ***Breccia zone (unsubdivided)***	468183	113.65	114.20	0.55	0.010
		Brecciated to locally sheared mafic fragments. Sulphides are more common near contact margins with QFP.	468184	114.20	114.70	0.50	0.026
			468186	114.70	115.70	1.00	0.021
			468187	115.70	116.70	1.00	0.017
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		113.65 - 116.70 Sil FF WM					
		113.65 - 116.70 Carb INT WM					

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		113.65 - 116.70 Carb F WM					
		113.65 - 116.70 CHL P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		113.65 - 116.70 PO DIS 1					
		113.65 - 116.70 PY CG 1					
		113.65 - 116.70 PY DIS 3					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		116.69 - 116.70 LC 55 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		113.65 - 116.70 BX					
116.70	123.60	**8d** ***Quartz-feldspar porphyry***	468188	116.70	117.20	0.50	0.032
		Dark-light grey, weakly foliated quartz feldspar biotite porphyry with 1-2% disseminated py and minor cm-size qz-carb-chl-ser veining. Local potassic alteration and chloritic clots throughout.	468189	117.20	118.20	1.00	0.028
			468190	118.20	119.20	1.00	0.028
			468191	119.20	120.00	0.80	0.011
			468192	120.00	120.80	0.80	0.034
			468193	120.80	121.30	0.50	0.010
			468194	121.30	122.40	1.10	0.009
			468196	122.40	123.60	1.20	0.144
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		116.70 - 123.60 CHL PCH W Dark chloritic clots.					
		116.70 - 123.60 Ser F W					
		116.70 - 123.60 BIO INT WM					
		116.70 - 123.60 Carb F W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		116.70 - 123.60 PY CG 1					
		116.70 - 123.60 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		117.40 - 117.41 FOL 45 Weak foliation					
		123.59 - 123.60 LC 20 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		116.70 - 123.60 PORPH					

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
123.60	130.10	**2** ***Mafic Metavolcanic Rocks (Unsubdivi***	468197	123.60	125.00	1.40	0.010
			468198	125.00	126.00	1.00	0.008
			468199	126.00	127.00	1.00	0.005
			468201	127.00	128.00	1.00	0.011
			468202	128.00	129.00	1.00	0.008
			468203	129.00	130.10	1.10	0.456

Fine-grained, strongly chloritized, sheared mafic flows intercalated with thin mag-rich Iron Formations (<5cm). Highly altered and silicified from 127-129.5 m, possibly silicified meta-seds.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
123.60 - 127.00	MAG B WM	BIF
123.60 - 127.00	Carb F WM	
123.60 - 127.00	CHL P S	
127.00 - 129.50	Carb F W	
127.00 - 129.50	CHL F W	
127.00 - 129.50	Sil INT S	
129.50 - 130.10	MAG B WM	BIF
129.50 - 130.10	Carb F WM	
129.50 - 130.10	CHL P S	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
123.60 - 130.10	CP DIS 1	
123.60 - 130.10	POPY DIS 3	Associated with qz flooding and BIF.

Structure Maj.:	***Type/Core Angle***	***Comment***
124.10 - 124.11	FOL 25	
127.20 - 127.21	FOL 20	
130.09 - 130.10	LC 60	Qz vein contact

Texture Maj:	***Type***	***Comment***
123.60 - 130.10	FG	

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
130.10	136.65	**8d** ***Quartz-feldspar porphyry***	468204	130.10	130.80	0.70	0.167
			468206	130.80	132.00	1.20	0.110
			468207	132.00	133.50	1.50	0.031
			468208	133.50	134.70	1.20	1.183
			468209	134.70	135.70	1.00	0.177
			468211	135.70	136.65	0.95	0.015

Light grey, foliated QFP with <1% disseminated py and local qz-carb veinlets. Higher chlorite content and less biotite-rich matrix than overlying QFP's. Medium-grained, plag phyric, carb altered intermediate dyke? From 131.35-131.45m at 70 TCA.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
130.10 - 136.65	Carb F W	
130.10 - 136.65	BIO INT WM	
130.10 - 136.65	CHL INT WM	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
130.10 - 136.65	PY DIS 1	

Structure Maj.:	***Type/Core Angle***	***Comment***
136.64 - 136.65	LC 25	Sharp contact

Texture Maj:	***Type***	***Comment***
130.10 - 136.65	PORPH	

136.65	138.00	**2a** ***Massive mafic flows (Unsubdivided)***	468212	136.65	138.00	1.35	0.008

Fine-grained, strongly chloritized, foliated mafic flows. Small intermediate dyke from 137.3-137.4m at 75 TCA. EOH.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
136.65 - 138.00	Carb F WM	
136.65 - 138.00	CHL P S	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
136.65 - 138.00	PO DIS 1	
136.65 - 138.00	POPY DIS 1	

Structure Maj.:	***Type/Core Angle***	***Comment***
136.65 - 138.00	FOL 25	

Texture Maj:	***Type***	***Comment***
136.65 - 138.00	FG	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-304** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

DRILL HOLE REPORT

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth: 170
Dip: -74.9
Length: 183
Started: 14-Nov-16
Completed: 15-Nov-16
Logged: 24-Nov-16
Comment:

Casing

Length: 0
Pulled:
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Mine Site
Section:
Hole Type DD

Location

Township: PICKLE LAK
Claim No.: PA70
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 705708.33
North: 5711338.74
Elev.: 359.02

Coordinate - UTM

East: 705708.33
North: 5711338.74
Elev.: 359.02
Zone: 15 **NAD:** NAD83

Other

Logged by: Carlos Chamale
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Carlos Chamale
Surveyed:
Surveyed by: Carlos Chamale
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-74.90	C	☑	
15.00	162.40	-74.90	EZ	☑	Mag Sus: 58257
66.00	164.10	-74.80	EZ	☑	Mag Sus: 59765
117.00	160.30	-74.10	EZ	☑	Mag Sus: 57045
174.00	162.50	-73.50	EZ	☑	Mag Sus: 56856

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology
0.00	2.00	**15** ***Overburden (Unsubdivided)***
		Overburden
2.00	125.56	**2b** ***Pillowed mafic flows (Unsubdivided)***
		Fine-grained, strongly chloritized, massive spherulitic mafic pillow flows. Locally foliated, qz-potassic alteration within pillow selvages and fracture zones, 1-2% disseminated blebby py+po. Minor cm-size Qz-carb veining with potassic and chl alteration. Becomes highly fractured to brecciated with depth. From 31.75-46.35m coarser flow/gabbro with little to no veining. Local thin mag+silica rich BIF.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
2.00 - 125.56	K F W	
2.00 - 125.56	EP F W	
2.00 - 125.56	Carb F WM	
2.00 - 125.56	CHL P S	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
2.00 - 125.56	PO DIS 1	
2.00 - 125.56	PY BL 1	
2.00 - 125.56	PY DIS 2	

Structure Maj.:	***Type/Core Angle***	***Comment***
46.50 - 46.51	FOL 40	
53.20 - 53.21	FOL 40	Moderately foliated from 52.5-54.15m
125.55 - 125.56	LC 15	Sharp contact

Texture Maj:	***Type***	***Comment***
2.00 - 125.56	S	Up to cm in size
2.00 - 125.56	P	
2.00 - 125.56	FG	

Sample #	From	To	Length	Au (g/t)
468213	5.00	6.50	1.50	0.007
468214	6.50	7.50	1.00	0.007
468215	10.70	12.20	1.50	0.007
468216	12.20	12.70	0.50	0.008
468217	12.70	13.80	1.10	0.003
468218	13.80	14.30	0.50	0.010
468219	14.30	15.00	0.70	0.003
468221	15.00	16.40	1.40	0.005
468222	16.40	17.40	1.00	0.015
468223	17.40	18.90	1.50	0.003
468224	18.90	19.80	0.90	0.003
468226	19.80	20.30	0.50	0.003
468227	20.30	21.50	1.20	0.003
468228	21.50	23.00	1.50	0.003
468229	23.00	24.00	1.00	0.003
468230	24.00	25.00	1.00	0.003
468231	25.00	26.00	1.00	0.003
468232	28.10	29.10	1.00	0.003
468233	29.10	30.10	1.00	0.003
468234	49.70	50.80	1.10	0.005
468236	50.80	51.30	0.50	0.009

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			468237	51.30	52.30	1.00	0.003
			468238	52.30	53.30	1.00	0.039
			468239	53.30	53.80	0.50	1.624
			468241	53.80	54.80	1.00	0.019
			468242	59.70	60.70	1.00	0.008
			468243	60.70	61.20	0.50	0.009
			468244	61.20	62.20	1.00	0.006
			468245	66.90	67.90	1.00	0.006
			468246	67.90	68.40	0.50	0.003
			468247	68.40	69.40	1.00	0.005
			468248	69.40	70.50	1.10	0.008
			468249	70.50	71.70	1.20	0.003
			468251	71.70	72.70	1.00	0.012
			468252	72.70	73.20	0.50	0.007
			468253	73.20	74.20	1.00	0.010
			468254	74.20	75.20	1.00	0.007
			468256	75.20	75.70	0.50	0.013
			468257	75.70	76.70	1.00	0.003
			468258	83.00	84.00	1.00	0.003
			468259	84.00	84.50	0.50	0.003
			468260	84.50	85.50	1.00	0.003
			468261	94.50	96.00	1.50	0.003
			468262	96.00	97.50	1.50	0.003
			468263	97.50	99.00	1.50	0.003
			468264	99.00	100.10	1.10	0.008
			468266	102.50	103.50	1.00	0.007
			468267	103.50	104.00	0.50	0.018

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology
125.56	135.67	**8d** ***Quartz-feldspar porphyry***

Strongly altered quartz feldspar biotite porphyry. Sericite-rich zone from 125.56-129.52m with stockwork type veining. Qz-chl-ser-tourm veins, up to 12cm in size, are typically milky white to smokey grey with 1-2% fg py and local fracture-filled vfg grey metallic phase (Arspy?) near vein margins. After 129.52m, sericite content decreases with an increase in potassic alteration. Little to no veining within potassic zone.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
125.56 - 129.52	BIO INT WM	
125.56 - 129.52	CHL PCH W	Common chloritic wisps
125.56 - 129.52	Carb F W	qz-carb veinlets
125.56 - 129.52	Ser P MS	Associated with qz veining/flooding
129.52 - 135.67	BIO INT WM	
129.52 - 135.67	CHL PCH W	
129.52 - 135.67	Carb F W	qz-carb veinlets
129.52 - 135.67	K P MS	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
125.56 - 129.52	ASP FF 1	Possibly Mo
125.56 - 129.52	PY CG 1	
125.56 - 129.52	PY DIS 2	
129.52 - 135.67	POPY DIS 1	Slight decrease in Py with decrease in sericite alteration and veining.

Structure Maj.:	***Type/Core Angle***	***Comment***
126.72 - 126.73	FOL 20	Moderately foliated
134.20 - 134.21	FOL 40	Weakly foliated
135.66 - 135.67	LC 15	Sharp contact

Texture Maj:	***Type***	***Comment***
125.56 - 135.67	PORPH	

Sample #	From	To	Length	Au (g/t)
468268	104.00	105.00	1.00	0.007
468269	124.50	125.56	1.06	0.056
468271	125.56	126.10	0.54	0.182
468272	126.10	126.70	0.60	0.045
468273	126.70	127.30	0.60	0.520
468274	127.30	127.80	0.50	0.208
468275	127.80	128.30	0.50	0.065
468276	128.30	128.80	0.50	0.393
468277	128.80	129.30	0.50	0.211
468278	129.30	130.30	1.00	0.174
468279	130.30	131.70	1.40	0.019
468281	131.70	132.70	1.00	0.488
468282	132.70	133.20	0.50	0.174
468283	133.20	134.20	1.00	0.063
468284	134.20	135.67	1.47	0.018

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		125.56 - 135.67 CG 125.56 - 135.67 MG					
135.67	154.90	**2b** ***Pillowed mafic flows (Unsubdivided)*** Fine-grained, strongly chloritized, massive mafic pillow flows. Thin weakly altered QFP from 148.4-149.4 and 151.55-152.15m ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 135.67 - 154.90 Carb F WM 135.67 - 154.90 CHL P S ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 135.67 - 154.90 PO DIS 1 135.67 - 154.90 PY CG 1 135.67 - 154.90 PY DIS 2 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 154.89 - 154.90 LC 50 Sharp contact ***Texture Maj:*** ***Type*** ***Comment*** 135.67 - 154.90 P 135.67 - 154.90 FG	468286	135.67	137.10	1.43	0.733
			468287	137.10	138.60	1.50	3.615
			468288	138.60	140.10	1.50	1.452
			468289	140.10	141.60	1.50	0.628
			468290	141.60	143.10	1.50	0.018
			468291	147.00	148.40	1.40	0.639
			468292	148.40	149.40	1.00	0.372

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
154.90	164.05	**8d** ***Quartz-feldspar porphyry***	468303	162.75	164.05	1.30	0.029
		Dark grey, medium to coarse-grained, weakly foliated quartz feldspar biotite porphyry. Occasional qz-chl-carb veins (<3cm) and 1-2% disseminated py. Mafic flows from 162.75-163.25m at 40 TCA.	468293	154.90	156.00	1.10	0.008
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468294	156.00	157.00	1.00	0.011
		154.90 - 164.05 CHL F W	468296	157.00	158.00	1.00	0.011
		154.90 - 164.05 BIO INT M	468297	158.00	159.00	1.00	0.014
		154.90 - 164.05 Carb F W	468298	159.00	160.00	1.00	0.050
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	468299	160.00	160.90	0.90	0.015
		154.90 - 164.05 PY CG 1	468301	160.90	162.00	1.10	0.706
		154.90 - 164.05 PY DIS 1	468302	162.00	162.75	0.75	0.079
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		162.60 - 162.61 FOL 45 Weak foliation					
		164.04 - 164.05 LC 20 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		154.90 - 164.05 PORPH					
		154.90 - 164.05 CG					
164.05	171.10	**2b** ***Pillowed mafic flows (Unsubdivided)***	468304	164.05	165.00	0.95	0.008
		Fine-grained, strongly chloritized, massive mafic pillow flows with thin QFP from 167.5-167.95m	468306	167.40	168.40	1.00	0.009
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468307	168.40	168.90	0.50	0.010
		164.05 - 171.10 Carb F WM	468308	168.90	169.90	1.00	0.009
		164.05 - 171.10 CHL P S	468309	169.90	171.10	1.20	0.009
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		164.05 - 171.10 PO DIS 1					
		164.05 - 171.10 PY DIS 2					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		169.50 - 169.51 FOL 25 Weak to moderate foliation					

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		171.09 - 171.10 LC 50 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		164.05 - 171.10 P					
		164.05 - 171.10 FG					
171.10	172.90	**8d** ***Quartz-feldspar porphyry***	468311	171.10	172.00	0.90	0.015
		Dark to light grey, medium-coarse grained, gently foliated quartz feldspar biotite porphyry.	468312	172.00	172.90	0.90	0.016
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		171.10 - 172.90 BIO INT W					
		171.10 - 172.90 CHL INT W					
		171.10 - 172.90 Carb F W					
		171.10 - 172.90 Carb INT W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		171.10 - 172.90 PY FG 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		172.89 - 172.90 LC 25 Sharp vein contact (<2cm).					
		Texture Maj: ***Type*** ***Comment***					
		171.10 - 172.90 PORPH					
		171.10 - 172.90 CG					

Hole Number **PC-16-305** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
172.90	182.45	**7ac** ***Gabbro (unsubdivided)***	468313	172.90	174.00	1.10	0.007
		Medium to dark green, fine to medium-grained, massive grabbro (or coarser mafic flows?) with occasional qz-carb-chl veining (<3cm).	468314	176.20	177.70	1.50	0.007
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468315	177.70	178.70	1.00	0.015
		172.90 - 182.45 Carb F WM	468316	178.70	179.70	1.00	0.010
		172.90 - 182.45 CHL INT MS	468317	179.70	180.70	1.00	0.012
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	468318	180.70	181.90	1.20	0.008
		172.90 - 182.45 PY DIS 1	468319	181.90	182.45	0.55	0.005
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		182.44 - 182.45 LC 50					
		Texture Maj: ***Type*** ***Comment***					
		172.90 - 182.45 MASS					
		172.90 - 182.45 FG					
182.45	183.00	**8d** ***Quartz-feldspar porphyry***	468321	182.45	183.00	0.55	0.003
		Dark grey, medium to coarse-grained, gently foliated quartz feldspar biotite porphyry. EOH.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		182.45 - 183.00 Carb F W					
		182.45 - 183.00 BIO INT WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		182.45 - 183.00 PY FG 1					
		Texture Maj: ***Type*** ***Comment***					
		182.45 - 183.00 PORPH					
		182.45 - 183.00 CG					

DRILL HOLE REPORT

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth:	179.8
Dip:	-60
Length:	161.5
Started:	16-Dec-16
Completed:	17-Dec-16
Logged:	26-Dec-16

Comment:

Casing

Length:	0
Pulled:	
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Mine Site
Section:	
Hole Type	DD

Location

Township:	PICKLE LAK
Claim No.:	PA64
NTS:	
Hole:	SURFACE

Coordinate - Gemcom

East:	706174.55
North:	5711717.83
Elev.:	345.14

Coordinate - UTM

East:	706174.55
North:	5711717.83
Elev.:	345.14
Zone:	15
NAD:	NAD83

Other

Logged by:	Carlos Chamale
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Carlos Chamale
Surveyed:	
Surveyed by:	Carlos Chamale
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	179.80	-60.00	C	☑	
18.00	155.70	-59.20	EZ	☑	Mag Sus: 60808, bad test
69.00	174.00	-59.00	EZ	☑	Mag Sus: 57712
120.00	175.40	-58.60	EZ	☑	Mag Sus: 59813
159.00	194.20	-58.20	EZ	☑	Mag Sus: 93928, bad test

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	4.50	**15** ***Overburden (Unsubdivided)***					

Overburden

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
4.50	6.00	**2a** ***Massive mafic flows (Unsubdivided)***					

Fine-grained, strongly chloritized, massive mafic flows intercalated with thin magnetite-rich bands/lenses.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
4.50 - 6.00	Oxid F W	
4.50 - 6.00	Carb F WM	
4.50 - 6.00	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
4.50 - 6.00	PO DIS 1	
4.50 - 6.00	PY DIS 2	

Structure Maj.:	*Type/Core Angle*	*Comment*
5.99 - 6.00	LC 25	

Texture Maj:	*Type*	*Comment*
4.50 - 6.00	FG	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
6.00	8.80	**6c** ***Iron formation (unsubdivided)***					

Magnetite-rich Banded Iron Formations.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
6.00 - 8.80	Oxid F W	
6.00 - 8.80	MAG B S	

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		6.00 - 8.80 Carb F W					
		6.00 - 8.80 CHL B S Chloritic bands interbedded with mag-rich beds					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		6.00 - 8.80 POPY FG 3					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		8.20 - 8.21 BD 25					
		8.79 - 8.80 LC 25					
8.80	11.40	**2a** ***Massive mafic flows (Unsubdivided)***	468322	9.40	10.40	1.00	0.010
		Fine-grained, strongly chloritized, foliated mafic flows.	468323	10.40	10.90	0.50	0.013
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468324	10.90	11.40	0.50	0.022
		8.80 - 11.40 Oxid F W					
		8.80 - 11.40 Carb F WM					
		8.80 - 11.40 CHL P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		8.80 - 11.40 PO DIS 1					
		8.80 - 11.40 PY DIS 2					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		10.10 - 10.11 FOL 45 Weak foliation					
		Texture Maj: ***Type*** ***Comment***					
		8.80 - 11.40 FG					
11.40	12.55	**6c** ***Iron formation (unsubdivided)***					
		Magnetite-rich Banded Iron Formations.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		11.40 - 12.55 Oxid F W					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)				Sample #	From	To	Length	Au (g/t)
		11.40 - 12.55	MAG B S						
		11.40 - 12.55	Carb F W						
		11.40 - 12.55	CHL B S	Chloritic bands interbedded with mag-rich beds					
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***					
		11.40 - 12.55	POPY DIS 3						
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		11.60 - 11.61	BD 50						
		12.54 - 12.55	LC 20	Sharp contact					
12.55	71.27	**2a**	***Massive mafic flows (Unsubdivided)***		468326	22.00	23.00	1.00	0.006
		Phaneritic, medium-dark green, strongly chloritized mixture of fine grained mafic flows with medium grained gabbro. From 12.55-22.5m, abundant fracture filling amphibole grain phenocrysts.			468327	63.30	64.30	1.00	0.007
					468328	64.30	64.80	0.50	0.009
					468329	64.80	65.80	1.00	0.003
					468330	68.80	70.30	1.50	0.078
					468331	70.30	71.27	0.97	0.086
		Alteration Maj:	***Type/Style/Intensity***	***Comment***					
		12.55 - 67.50	Carb F W						
		12.55 - 67.50	ACTL F W	Most commonly from 12.55-22.5m					
		12.55 - 67.50	CHL P S						
		67.50 - 71.27	Carb P M	Alt'n increases towards vein contact					
		67.50 - 71.27	BIO INT WM	Alt'n increases towards vein contact					
		67.50 - 71.27	Carb F WM	Carb stringers/flooding intensifies with depth.					
		67.50 - 71.27	CHL P S						
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***					
		12.55 - 71.27	CP FG 1						
		12.55 - 71.27	PO FG 1						
		12.55 - 71.27	PY DIS 1						
		Structure Maj.:	***Type/Core Angle***	***Comment***					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		69.50 - 69.51 FOL 40 Moderately foliated					
		71.26 - 71.27 LC 40 Sharp shear contact					
		Texture Maj: ***Type*** ***Comment***					
		12.55 - 71.27 MG					
		12.55 - 71.27 FG					
		12.55 - 71.27 MASS					
71.27	72.88	**12a15** ***No. 15 Vein (D Zone)***	468332	71.27	71.80	0.53	0.664
		Upper No. 15 Vein. Massive, milky white-smokey grey qz-ser-chl-carb-tourm vein with fg disseminated mineralization within shear lamilla, stringers, and vein margins. Sericite altered shear contacts. Occasional very fg grey metallic phase concentrated along fracture planes.	468333	71.80	72.30	0.50	0.247
			468334	72.30	72.88	0.58	0.670
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		71.27 - 72.88 CHL F W					
		71.27 - 72.88 Carb P W					
		71.27 - 72.88 Carb F WM					
		71.27 - 72.88 Ser F M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		71.27 - 72.88 ASP FG 1 Possibly Mo, Ag or Asp?					
		71.27 - 72.88 CP FG 2					
		71.27 - 72.88 PO FG 3					
		71.27 - 72.88 PY CG 5					
		71.27 - 72.88 PY DIS 10 Locally up to 10% associated with sheared lamella					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		72.87 - 72.88 LC 40 Shear contact					
		Texture Maj: ***Type*** ***Comment***					
		71.27 - 72.88 MASS					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
72.88	73.56	**2a** ***Massive mafic flows (Unsubdivided)***	468336	72.88	73.56	0.68	0.076

Fine-grained, sheared-strongly foliated mafic flows with deformed carb stringers and qz-chl-carb veinlets.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
72.88 - 73.56	BIO INT WM	
72.88 - 73.56	Carb F WM	
72.88 - 73.56	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
72.88 - 73.56	PO FG 1	
72.88 - 73.56	PY DIS 2	

Structure Maj.:	*Type/Core Angle*	*Comment*
73.10 - 73.11	FOL 35	Strong foliation
73.55 - 73.56	LC 35	Sharp contact

Texture Maj:	*Type*	*Comment*
72.88 - 73.56	FG	

73.56	74.28	**12a** ***Quartz vein (unsubdivided)***	468337	73.56	74.28	0.72	0.077

Massive, white-smokey grey qz-ser-chl-tourm vein. Same as overlying vein. Local chl and po cloths at UC and fg diss. Py+po+cpy+metallic phase within shear lamella or ser/chl wisps/stringers. Sericite altered shear LC (<3cm).

Alteration Maj:	*Type/Style/Intensity*	*Comment*
73.56 - 74.28	BIO PD WM	Common near UC
73.56 - 74.28	CHL PD WM	Common near UC
73.56 - 74.28	Carb F WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
73.56 - 74.28	ASP FF 1	Possibly Mo/Ag/Apy?
73.56 - 74.28	PO FG 3	
73.56 - 74.28	PY CG 2	

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		73.56 - 74.28 PY DIS 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		74.27 - 74.28 LC 40 Shear contact					
		Texture Maj: ***Type*** ***Comment***					
		73.56 - 74.28 MASS					
74.28	77.58	**2a** ***Massive mafic flows (Unsubdivided)***	468338	74.28	75.00	0.72	3.526
		Fine-grained, sheared-strongly foliated mafic flows. Possibly 11A?	468339	75.00	76.50	1.50	0.041
			468341	76.50	77.50	1.00	0.076
77.58	77.85	**12a** ***Quartz vein (unsubdivided)***	468342	77.50	78.00	0.50	0.599
		Massive, white-smokey grey qz-ab-tourm with sericite alteration at sheared upper and lower contacts.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		77.58 - 77.85 Ser F WM At vein margins					
		77.58 - 77.85 Alb PCH WM Upper contact					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		77.58 - 77.85 PO FG 1 Along shear bands					
		77.58 - 77.85 PY DIS 3 Along shear bands					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		77.58 - 77.59 UC 40					
		77.84 - 77.85 LC 45					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
77.85	80.05	**2a** ***Massive mafic flows (Unsubdivided)***	468343	78.00	79.00	1.00	0.064
		Fine-grained mafic flows with minor shearing and carbonate stringers	468344	79.00	80.05	1.05	0.023
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		77.85 - 80.05 BIO INT W					
		77.85 - 80.05 Carb F WM					
		77.85 - 80.05 Carb P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		77.85 - 80.05 PO F 1 Along shear planes					
		77.85 - 80.05 PY DIS 3 Blebby					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		77.85 - 80.05 UC 45 Gradual contact with quartz vein halo					
		77.85 - 80.05 LC 40 Gradual into deformed unit					
80.05	82.10	**11a** ***Shear zone (unsubdivided)***	468345	80.05	81.00	0.95	0.081
		Sheared, deformed unit with micro- to meso- scale folding, s and m folding, thin alternating po-bio-carb-py bands, boudinaged qtz-alb veinlets, qtz-carb sheeted-vein near lower contact.	468346	81.00	82.00	1.00	0.049
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		80.05 - 82.10 CHL B M					
		80.05 - 82.10 BIO B M					
		80.05 - 82.10 Carb B M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		80.05 - 82.10 POPY F 5 Concentrated along shear planes, po asst with bt					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		80.26 - 80.27 FD 30 Micro- to meso- scale s folding, fold axis 65 degrees tca					
		81.85 - 81.86 FD 5 Micro- to meso- scale m folding, fold axis 72 degrees tca					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
82.10	82.42	**12a** ***Quartz vein (unsubdivided)***	468347	82.00	82.60	0.60	0.809

Massive, white-smokey grey qz-ab-chl-carb-ser-sulfide-metallic phase(?) vein. Alb concentrated at upper contact. Sharp upper contact, gradual lower contact; bleached, carb alt upper and lower contacts

Alteration Maj:	*Type/Style/Intensity*	*Comment*
82.10 - 82.42	Carb SP W	Conentrates on shoulders of vein
82.10 - 82.42	CHL F W	Concentrated on lower, gradual contact
82.10 - 82.42	Alb PCH WM	Concentrated on the upper contact, rims chl

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
82.10 - 82.42	ASP F 1	Potentially Ag or Mo
82.10 - 82.42	PO FG 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
82.10 - 82.42	UC 15	Sharp with alb rim, carbonate bleaching
82.10 - 82.42	LC 50	Gradual with MF flow, carbonate bleaching

82.42	83.15	**11a** ***Shear zone (unsubdivided)***	468348	82.60	83.15	0.55	0.383

Fine-grained, sheared, foliated mafic flow. Chl-bio-qtz-carb alternating laminations, boudinaged qtz veinlets commonly rimmed by alb with bio flecks and associated patchy sulphides.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
82.42 - 83.15	Carb F MS	
82.42 - 83.15	Qtz F MS	
82.42 - 83.15	BIO F MS	
82.42 - 83.15	CHL F MS	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
82.42 - 83.15	POPY F 5	Asst with bt

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Structure Maj.:	Type/Core Angle	Comment
82.42 - 83.15	UC 50	Gradual with alteration shoulder off of qtz vein
82.42 - 83.15	LC 65	Gradual into strongly altered unit

83.15 – 84.43 **12a** ***Quartz vein (unsubdivided)***

Sample #	From	To	Length	Au (g/t)
468349	83.15	83.80	0.65	1.214
468351	83.80	84.43	0.63	1.192

Approx. 80 percent white-smokey grey qtz, quartz flooded, ~10cm alteration haloes of silica-ser-carb-chl-sulphides, unit highly altered to ser-bio-chl-carb, locally up to 10 percent sulphides, metallic phase (moly, arseno, Ag)? noted within qtz veining.

Alteration Maj:	Type/Style/Intensity	Comment
83.15 - 84.43	Sil P WM	
83.15 - 84.43	BIO PCH WM	Along alteration haloes as visible flakes, finer grained near lower contact
83.15 - 84.43	Carb F WM	As laminations within alteration haloes
83.15 - 84.43	CHL P M	Found within microfractures overprinting quartz veins and within alteration haloes associated with fg sulphides
83.15 - 84.43	Alb PCH M	Patchy throughout quartz veins

Mineralization Maj. :	Type/Style/%Mineral	Comment
83.15 - 84.43	PO F 2	Appears to be more prevalent at the contact margins, esp on upper contact
83.15 - 84.43	ASP F 2	Centrallized in qtz veins with bio or tourm?
83.15 - 84.43	PY F 10	Up to 10 percent locally, esp concentrated between qtz sheets

Structure Maj.:	Type/Core Angle	Comment
83.15 - 84.43	UC 65	Gradual from altered, laminated flows; coarser grain size, more po
83.15 - 84.43	LC 55	Gradual into altered, laminated flows; finer grain size, lesser po

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
84.43	85.17	**11a** ***Shear zone (unsubdivided)***	468352	84.43	85.17	0.74	0.105

Sheared, deformed unit with micro- scale folding, z-folding, thin alternating po-bio-carb-py bands, boudinaged qtz-alb-carb veinlets with bio rims

Alteration Maj:	*Type/Style/Intensity*	*Comment*
84.43 - 85.17	BIO	Commonly associated with sulphides
84.43 - 85.17	Alb	Associated with qtz veining
84.43 - 85.17	Carb F M	Associated with qtz veining, found along laminations
84.43 - 85.17	CHL F M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
84.43 - 85.17	PY F 3	Locally up to 10 percent, strongly associated with biotite
84.43 - 85.17	PO F 3	Found rimming pyrites in qtz-carb veins; locally up to 10 percent ; strongly associated with biotite

Structure Maj.:	*Type/Core Angle*	*Comment*
84.43 - 85.17	FD 50	Micro z-fold; axis of fold 45 degrees; @ 84.75-84.76
84.43 - 85.17	UC 55	Sharp contact; increase in bio, decrease in qtz, chl, ser
84.43 - 85.17	LC 30	Sharp contact; decrease in sulphides, qtz, ser

85.17	85.62	**12a** ***Quartz vein (unsubdivided)***	468353	85.17	85.62	0.45	0.258

Nose of fold, semi-massive fine grained sulphides along laminations with coarser grain sizes observed in center of nose and at lower contact, grey, metallic phase noted; qtz veining is white-smokey grey with a transitional sericite-metallic-pyrite rim.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
85.17 - 85.62	BIO F WM	Associated with sulphides, concentrates along sulphide rims
85.17 - 85.62	Ser P S	Concentrated along vein boundaries, associated with sulphides, laminated

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		85.17 - 85.62 ASP F 5 Commonly found in the nose of the fold					
		85.17 - 85.62 PY SM 23					
		85.17 - 85.62 PO SM 23					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		85.17 - 85.62 UC 30 Sharp; increase in sulphides, sericite alteration					
		85.17 - 85.62 LC 55 Gradual decrease in sericite, sharp decrease in sulphides					
		85.17 - 85.62 FD 90 Fold axis perpendicular to core axis					
85.62	89.53	**11a** ***Shear zone (unsubdivided)***	468354	85.62	86.22	0.60	0.396
		Multiple veins (qtz-alb-carb-ser-chl-bio) cutting through sheared, deformed, folded MF unit; locally up to 10 percent sulphides; chl-bio-ser-carb alteration; bio tends to concentrate along qtz vein margins.	468356	86.22	86.92	0.70	0.327
			468357	86.92	87.50	0.58	0.276
			468358	87.50	88.83	1.33	0.017
			468359	88.83	89.53	0.70	15.139
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		85.62 - 89.53 Ser F WM Localized around highly deformed qtz lenses; strong associated with sulphides					
		85.62 - 89.53 BIO F M Concentrated along vein boundaries					
		85.62 - 89.53 Carb F WM Local stringers and laminae; occurs in qtz-carb veining					
		85.62 - 89.53 CHL F M Laminae and along vein boundaries					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		85.62 - 89.53 PY F Occasionally rimmed by po; fine to coarse grained; located along highly sheared zones and at vein boundaries; may be found within veins					
		85.62 - 89.53 PO FG Fine grained, found along vein contacts					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		85.62 - 89.53 UC 55 Gradual					
		85.62 - 89.53 LC 45 Gradual; decreased qtz veining, increase in carb stringers					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		85.62 - 89.53	FD 65	M-folding; fold axis 20 degrees tca on qtz-alb vein; @ 85.85-86.05m					
89.53	111.21	**2a** ***Massive mafic flows (Unsubdivided)***			468360	89.53	91.00	1.47	0.033
		Foliated mafic flows with occasional thin shear zones (<1 m). Altered zones consist of qz-chl-carb-alb veining/flooding; locally deformed, biotite+sulphide altered halos. Sheared lower contact starting from 110.45m			468361	91.00	92.00	1.00	0.026
		Alteration Maj:	***Type/Style/Intensity***	***Comment***	468362	92.00	92.50	0.50	2.128
		89.53 - 105.10	BIO B WM	Adjacent to shearing/veining	468363	92.50	93.00	0.50	1.309
		89.53 - 105.10	BIO INT WM		468364	93.00	93.65	0.65	0.874
		89.53 - 105.10	Carb F WM		468365	93.65	94.70	1.05	0.238
		89.53 - 105.10	CHL P S		468367	97.70	98.70	1.00	0.023
		105.10 - 109.90	BIO INT W	Localized	468368	98.70	99.30	0.60	0.025
		105.10 - 109.90	Carb F WM		468369	99.30	100.30	1.00	0.019
		105.10 - 109.90	CHL P MS	Slight decrease in Chl content	468371	100.30	101.00	0.70	0.084
		109.90 - 111.21	BIO B WM		468372	101.00	102.30	1.30	0.048
		109.90 - 111.21	BIO INT WM	Increase in Bio content correlates with shearing/veining	468373	102.30	103.50	1.20	0.232
		109.90 - 111.21	Carb F WM		468374	109.41	110.41	1.00	0.021
		109.90 - 111.21	CHL P S	Chl content increases	468375	110.41	111.21	0.80	1.160
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***					
		89.53 - 111.21	ASP FG 1	Localized fracture filled metallic phase - Mo, Ag, or Asp?					
		89.53 - 111.21	CP FG 1						
		89.53 - 111.21	POPY FG 5						
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		110.35 - 110.36	FOL 35	Well foliated					
		111.20 - 111.21	LC 35	Sheared contact					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		89.53 - 111.21 FG					
111.21	111.52	**12a** ***Quartz vein (unsubdivided)***					
		Milky-smokey grey qz-tourm-ser-chl vein with several specks of VG (~20-50) at 111.46m that follows main foliation fabric. Shear contacts with 10-15% disseminated sulphides.					
111.52	117.80	**11a** ***Shear zone (unsubdivided)***	468376	111.52	112.02	0.50	1.044
		Fine-grained, sheared mafic flow with abundant qz-chl-alb-carb-tourm-ser flooding/veining. Thin alternating po-bio-carb-py bands, boudinaged qtz-alb veinlets, micro-scale s-folding.	468377	112.02	113.00	0.98	0.026
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468378	113.00	113.50	0.50	3.382
		111.52 - 117.80 BIO INT WM	468379	113.50	114.00	0.50	1.931
		111.52 - 117.80 BIO F WM Bands of alternating layers	468381	114.00	114.70	0.70	0.013
		111.52 - 117.80 Carb INT WM	468382	114.70	115.20	0.50	0.066
		111.52 - 117.80 Carb F M	468383	115.20	116.00	0.80	0.209
		111.52 - 117.80 CHL P S	468384	116.00	116.50	0.50	1.887
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	468386	116.50	117.00	0.50	4.350
		111.52 - 117.80 ASP FG 3 Locally fracture filled within and adjacent to veining	468387	117.00	117.80	0.80	2.012
		111.52 - 117.80 POPY FG 10 Locally up to 10% within shear bands					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		113.60 - 113.65 FD 35 Qz-alb veinlet - moderately deformed s-fold with an axial plane at 80 tca					
		117.79 - 117.80 LC 45 Sharp and sheared lower contact					

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		111.52 - 117.80 FG					
117.80	118.60	**12a15** ***No. 15 Vein (D Zone)***	468388	117.80	118.60	0.80	0.432
		Lower No.15 Vein. Similar to Upper No. 15 Vein. Slightly more chloritic wisps throughout vein.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		117.80 - 118.60 Ser F WM					
		117.80 - 118.60 BIO PCH W					
		117.80 - 118.60 Carb F WM					
		117.80 - 118.60 CHL F WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		117.80 - 118.60 PO TR 1 Trace and less notable than overlying upper No. 15 Vein					
		117.80 - 118.60 PY DIS 5 Mianly within shear bands and vein margins					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		117.80 - 118.60 LC 35 Approx. 2cm sulphide and bio-rich alt'n halo					
		117.80 - 118.60 UC 45 Approx. 3cm sulphide and bio-rich alt'n halo					
		Texture Maj: ***Type*** ***Comment***					
		117.80 - 118.60 MASS					
118.60	122.90	**2a** ***Massive mafic flows (Unsubdivided)***	468389	118.60	119.60	1.00	0.011
		Foliated to locally sheared mafic flow. Veining and shearing decreases towards lower contact with BIF.	468390	119.60	120.60	1.00	0.019
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	468391	120.60	121.20	0.60	0.011
		118.60 - 122.90 BIO F W Localized to shear bands/veining	468392	121.20	121.70	0.50	0.185
		118.60 - 122.90 Carb F WM	468393	121.70	122.90	1.20	0.023

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

118.60 - 122.90 CHL P S

Mineralization Maj. :	Type/Style/%Mineral	Comment
118.60 - 122.90	PY DIS 2	
118.60 - 122.90	PO STR 3	Associated with qz-carb stringers

Structure Maj.:	Type/Core Angle	Comment
121.30 - 121.31	FOL 40	Well foliated
122.89 - 122.90	LC 35	Sharp lower contact

Texture Maj:	Type	Comment
118.60 - 122.90	FG	

122.90 125.50 **6c** ***Iron formation (unsubdivided)***

Magnetite-rich Banded Iron Formations. Alternating magnetite, silica, and chlorite bands with fine-grained pyrrhotite stringers

Mineralization Maj. :	Type/Style/%Mineral	Comment
122.90 - 125.50	POPY ws	
122.90 - 125.50	POPY STR 5	

Structure Maj.:	Type/Core Angle	Comment
125.49 - 125.50	LC 50	Sharp contact

125.50 126.25 **14** ***Diabase (Unsubdivided)***

Medium grained, drak grey, strongly foliated mafic dyke? Phaneritic with qz phenos in a bio-rich matrix. Possibly highly altered and sheared QFP.

Alteration Maj:	Type/Style/Intensity	Comment
125.50 - 126.25	Carb INT WM	
125.50 - 126.25	Carb F M	
125.50 - 126.25	BIO INT I	

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***
125.50 - 126.25 PY CG 1 cubic

Structure Maj.: ***Type/Core Angle*** ***Comment***
126.24 - 126.25 LC 40 FT contact

126.25 129.10 **11** ***Late Structural Zones (Unsubdivided)***
Fault zone - highly broken core of BIF and mafic flows with thin gouge contacts

Structure Maj.: ***Type/Core Angle*** ***Comment***
126.25 - 126.26 UC 40 FT gouge contact
129.09 - 129.10 LC 35 FT gouge contact

129.10 132.55 **2a** ***Massive mafic flows (Unsubdivided)***
Predominantly mafic flows intercalated with thin BIF.

Structure Maj.: ***Type/Core Angle*** ***Comment***
132.54 - 132.55 LC 25 Sharp contact

132.55 144.71 **6c** ***Iron formation (unsubdivided)***
Magnetite-rich Banded Iron Formations.

Structure Maj.: ***Type/Core Angle*** ***Comment***
144.70 - 144.71 LC 35 Sharp contact

Hole Number **PC-16-306** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
144.71	145.16	**8d** ***Quartz-feldspar porphyry*** Dark grey, coarse-grained, foliated quartz feldspar biotite porphyry. Foliation change from 35-25 degrees with depth.					
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 145.15 - 145.16 LC 25 Sharp contact					
145.16	161.50	**6c** ***Iron formation (unsubdivided)*** Predominantly magnetite-rich BIF with occasional mafic flow at 149-149.55 and 151.22-152.45m. EOH at 161.5m					
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 161.30 - 161.35 BD 30 Follows main fabric					

DRILL HOLE REPORT

Hole Number **PC-16-307** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth:	140.2
Dip:	-50
Length:	108
Started:	17-Nov-16
Completed:	18-Nov-16
Logged:	28-Nov-16

Comment:

Casing

Length:	0
Pulled:	
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Mine Site
Section:	
Hole Type	DD

Location

Township:	PICKLE LAK
Claim No.:	PA63
NTS:	
Hole:	SURFACE

Coordinate - Gemcom

East:	706547.73
North:	5712091.42
Elev.:	341.95

Coordinate - UTM

East:	706547.73
North:	5712091.42
Elev.:	341.95
Zone: 15	**NAD:** NAD83

Other

Logged by:	Carlos Chamale
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Carlos Chamale
Surveyed:	
Surveyed by:	Carlos Chamale
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	140.20	-50.00	C	☑	
27.00	157.20	-48.70	EZ	☑	Mag Sus: 58080
78.00	160.10	-46.90	EZ	☑	Mag Sus: 56784
108.00	163.00	-45.70	EZ	☑	Mag Sus: 55217

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LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-307** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	11.90	**15** ***Overburden (Unsubdivided)*** Overburden					
11.90	34.67	**2a** ***Massive mafic flows (Unsubdivided)*** Fine-grained, dark-medium green, strongly chloritized, massive mafic flows intermixed with medium-grained gabbro. Leucocratic spotty texture (carb?). Moderately foliated after 27.75m ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 11.90 - 34.67 Carb SP WM 11.90 - 34.67 Oxid F W Fe alt'n from 23.57 - 23.90m 11.90 - 34.67 Carb F WM 11.90 - 34.67 CHL P S ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 11.90 - 34.67 PY FG 1 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 34.66 - 34.67 LC 70 Sharp contact ***Texture Maj:*** ***Type*** ***Comment*** 11.90 - 34.67 MASS 11.90 - 34.67 FG					
34.67	36.42	**6c** ***Iron formation (unsubdivided)*** Magnetite-rich Banded Iron Formations. Moderately oxidized with 3-5% fine-grained sulphides stringers and wisps. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 34.67 - 36.42 Oxid F WM	468394 468396	34.67 35.50	35.50 36.42	0.83 0.92	0.392 0.446

Hole Number **PC-16-307** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		34.67 - 36.42 MAG B S					
		34.67 - 36.42 Carb F W					
		34.67 - 36.42 CHL B WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		34.67 - 36.42 PY FG 3					
		34.67 - 36.42 PO FG 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		35.40 - 35.41 BD 60					
		36.41 - 36.42 LC 60 Sharp contact					
36.42	108.00	**2a** ***Massive mafic flows (Unsubdivided)***	468397	36.42	37.20	0.78	0.146
		Fine-grained, dark to medium green, strongly chloritized, foliated mafic flows with local tuffaceous sections (<0.5m). Medium-grained intrusive dyke, variably sericitzed (possibly a sheared QFP?) at 80.84-82.16m, 90.57-91.33m (upper ct 40 at degrees), 97.54-98.1m, 101.41-101.91m. Dykes shouldered by sulphide bearing carbonate veinlets/veins up to 8 cm. Mafic dyke at 82m is strongly pervasive carb alt'n; ser altered dykes are wk and mafic volcanic shear zones are str especially near veining and bio-rich bands. Ser alt dykes are 1-3% fg+ cubic py non-mag and mafic-like dykes are the same with 1% fg py. EOH at 108m	468398	43.50	44.10	0.60	0.007
			468399	47.87	49.07	1.20	0.003
			468401	49.07	49.98	0.91	0.034
			468402	55.33	56.04	0.71	0.008
			468403	58.85	59.44	0.59	0.006
			468404	63.81	64.51	0.70	0.006
			468406	64.51	66.00	1.49	0.009
			468407	66.00	66.65	0.65	0.006
			468408	66.65	67.55	0.90	0.005
			468409	67.55	69.00	1.45	0.006
			468411	71.05	71.75	0.70	0.011
			468412	71.75	72.64	0.89	0.007
			468413	74.75	75.93	1.18	0.011
			468414	75.93	76.60	0.67	0.012
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		36.42 - 43.27 Carb F WM					
		36.42 - 43.27 CHL P S					
		43.27 - 96.00 Ser P WM Weak to moderate; moderate ser alteration at sheared QFP units					
		43.27 - 96.00 Carb F WM					
		43.27 - 96.00 CHL P MS Subtle decrease in chl content					
		96.00 - 103.55 Ser P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		36.42 - 108.00 PY FG 1					

Hole Number **PC-16-307** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology		
		Structure Maj.:	***Type/Core Angle***	***Comment***
		58.85 - 59.44	VN 60	Thin tension fractures - qz veinlets
		58.85 - 59.44	BX 5	Brecciated mafic fragments within alb+carb rich matrix overprinted with qz tension veinlets
		63.90 - 67.55	BX 5	Brecciated mafic fragments within alb+qtz+carb, 25 percent angular fragments, 75 percent semi-rounded fragments
		93.70 - 93.71	FOL 55	
		100.00 - 100.01	FOL 55	
		Texture Maj:	***Type***	***Comment***
		36.42 - 53.06	P	Deformed pillows, parallel to strong fol'n fabric
		36.42 - 53.06	FG	Fg and Strong fol'n at 50 TCA.
		53.06 - 93.55	MASS	
		93.55 - 108.00	FG	Foliated fabric increases with veining

Sample #	From	To	Length	Au (g/t)
468415	78.00	78.60	0.60	0.011
468416	78.60	79.50	0.90	0.009
468417	88.60	90.00	1.40	0.012
468418	90.00	90.57	0.57	0.012
468419	92.00	93.55	1.55	0.012
468421	93.55	94.60	1.05	0.012
468422	94.60	95.10	0.50	0.008
468423	95.10	95.80	0.70	0.010
468424	95.80	96.40	0.60	0.037
468426	96.40	96.90	0.50	0.171
468427	96.90	97.54	0.64	0.675
468428	97.54	98.04	0.50	0.641
468429	98.04	98.60	0.56	0.077
468430	98.60	99.20	0.60	0.074
468431	99.20	99.70	0.50	0.035
468432	99.70	100.80	1.10	0.023
468433	100.80	101.41	0.61	0.018
468434	101.41	101.91	0.50	0.026
468436	101.91	102.61	0.70	0.566
468437	102.61	103.30	0.69	0.840
468438	103.30	104.50	1.20	0.049
468439	104.50	105.00	0.50	0.072
468441	105.00	106.50	1.50	0.015
468442	106.50	108.00	1.50	0.010

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LITHOLOGY REPORT
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Hole Number **PC-16-308** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	10.40	**15** ***Overburden (Unsubdivided)***					
		Overburden					
10.40	12.80	**2a** ***Massive mafic flows (Unsubdivided)***					
		Fine-grained, strongly chloritized, moderately foliated mafic flow. Local qz-carb veinlets.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		10.40 - 12.80 Ser PCH W					
		10.40 - 12.80 Carb F WM					
		10.40 - 12.80 CHL P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		10.40 - 12.80 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		10.40 - 12.80 LC 50 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		10.40 - 12.80 FG					
12.80	16.25	**5** ***Clastic Metasedimentary Rocks (Uns***	468443	13.50	15.00	1.50	0.007
		Fine-grained, grey to light brown meta-seds	468444	15.00	16.25	1.25	0.006
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		12.80 - 16.25 Ser P M					
		12.80 - 16.25 Carb P M					
		12.80 - 16.25 Carb F WM					

Hole Number **PC-16-308** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		12.80 - 16.25 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		12.80 - 16.25 PY TR					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		16.24 - 16.25 LC 50 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		12.80 - 16.25 LNTD					
		12.80 - 16.25 FG					
16.25	18.90	**6b** ***Chert (unsubdivided)***	468445	16.25	16.90	0.65	0.008
		A1-zone? Strongly fractured cherty BIF. Fractures are predominantly filled with qz, chl and fine-grained py-po-chpy along main fabric and cross-cutting bedding.	468446	16.90	17.50	0.60	0.011
			468447	17.50	18.00	0.50	0.090
			468448	18.00	18.90	0.90	0.093
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		16.25 - 18.90 Ser PCH W					
		16.25 - 18.90 Oxid F W					
		16.25 - 18.90 CHL B W					
		16.25 - 18.90 CHL FF WM Wispy to banded					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		16.25 - 18.90 PO BL 2					
		16.25 - 18.90 MAG FG 15 Banded					
		16.25 - 18.90 PO FG 5					
		16.25 - 18.90 PY DIS 3					
		16.25 - 18.90 CP FG 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		18.10 - 18.11 BD 50					
		18.52 - 18.53 F 60 Webby habit; typically trend 60 degrees to core axis; perpendicular to bedding					
		18.90 - 18.90 LC 30 Sharp contact					

Hole Number **PC-16-308** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		16.25 - 18.90 BX					
18.90	20.10	**5** ***Clastic Metasedimentary Rocks (Uns***	468449	18.90	20.10	1.20	0.007
		Fine grained meta-seds, light brown to green; less foliated, more massive form.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		18.90 - 20.10 Carb P WM					
		18.90 - 20.10 Ser P WM					
		18.90 - 20.10 CHL P W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		18.90 - 20.10 POPY F 1 Deposited along bedding horizons					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		20.10 - 20.10 LC 50 Sharp					
20.10	21.97	**6b** ***Chert (unsubdivided)***	468451	20.10	20.80	0.70	0.256
		A2 zone? Similar to overlying cherty BIF. Slightly more sulphide-rich and more qz-chl veining/flooding up to 30cm	468452	20.80	21.40	0.60	0.311
			468453	21.40	21.97	0.57	0.026
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		20.10 - 21.97 CHL PCH M Wispy					
		20.10 - 21.97 Ser P W					
		20.10 - 21.97 Alb VN WM Tends to deposit along vein margins					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		20.10 - 21.97 MAG FG 20					
		20.10 - 21.97 VG FG 1 VG? At 20.15m mark; fine grained speck within micro-fracture splayed perpendicular to vein margin					
		20.10 - 21.97 CP FG 1					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		20.10 - 21.97 PN ICU 1 @ 20.3m					
		20.10 - 21.97 PY FG 3 May have a po rim					
		20.10 - 21.97 PO FG 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		21.96 - 21.97 BX 60 Clasts are semi-rounded and rimmed by chlorite which seems to carry sulphides					
		21.96 - 21.97 LC 55 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		20.10 - 21.97 BX					
21.97	23.15	**5** ***Clastic Metasedimentary Rocks (Uns***	468454	21.97	23.15	1.18	0.003
		Fine grained, greenish grey to brown meta-seds; moderate fol'n at ~70 degrees tca.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		21.97 - 23.15 Carb P WM					
		21.97 - 23.15 CHL F WM					
		21.97 - 23.15 Ser P W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		21.97 - 23.15 PY FG 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		22.30 - 22.38 G 70					
		23.14 - 23.15 LC 70 Gradational contact					

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From (m)	To (m)	Lithology
23.15	68.18	**7ac** ***Gabbro (unsubdivided)***

Fine to medium grained, foliated, locally massive dark to light green, where light green there is a stronger carbonate presence (bleaching). Transitional zone from 64.68-68.18m of finer grained and more massive - chill margin?

Alteration Maj:	*Type/Style/Intensity*	*Comment*
23.15 - 68.18	Carb VN W	
23.15 - 68.18	Carb PCH WM	Occurs with vfg clays in bleached sections
23.15 - 68.18	Ser SP S	Replacement of fsp grains
23.15 - 68.18	CHL P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
23.15 - 68.18	MAG TR	Unit is sporadically magnetic; locally magnetite rich bands up to 20cm
23.15 - 68.18	PO TR	Unit is sporadically magnetic
23.15 - 68.18	PY TR	Occurs in quartz-carb veinlettes
23.15 - 68.18	PN MG 1	@ 25.7-25.74

Structure Maj.:	*Type/Core Angle*	*Comment*
25.05 - 25.06	FOL 70	
27.15 - 27.25	G 65	Broken up core with clay+carb on fracture planes
43.20 - 43.21	FOL 65	
62.10 - 62.11	FOL 65	
64.52 - 64.53	G 65	Clay gouge
68.17 - 68.18	LC 65	Sharp contact

Texture Maj:	*Type*	*Comment*
23.15 - 68.18	MASS	Locally
23.15 - 68.18	MG	
23.15 - 68.18	FG	

Sample #	From	To	Length	Au (g/t)
468456	23.15	24.60	1.45	0.003
468457	24.60	26.10	1.50	0.003
468458	62.30	63.30	1.00	0.003
468459	63.30	64.68	1.38	0.007
468460	64.68	65.80	1.12	0.027
468461	65.80	67.00	1.20	0.003
468462	67.00	68.18	1.18	0.008

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
68.18	68.57	**6b** ***Chert (unsubdivided)***	468463	68.18	68.57	0.39	0.009

Thin cherty BIF with minor sulphides.

Alteration Maj:	Type/Style/Intensity	Comment
68.18 - 68.57	Alb F WM	
68.18 - 68.57	Carb F WM	
68.18 - 68.57	CHL B MS	Approx. 3cm chloritic band at 68.3m

Mineralization Maj. :	Type/Style/%Mineral	Comment
68.18 - 68.57	POPY FG 3	Occurs as stringers and fracture filled

Structure Maj.:	Type/Core Angle	Comment
68.56 - 68.57	LC 60	Sharp contact

Texture Maj:	Type	Comment
68.18 - 68.57	BX	Numerous micro fractures

68.57	70.55	**7ac** ***Gabbro (unsubdivided)***	468464	68.57	69.70	1.13	0.003
			468466	69.70	70.55	0.85	0.006

Massive, micro-foliated MF gabbro with locally biotite rich banding up to 5cm in width, banding trends at 60 degrees to core axis; fine to medium grained feldspar altered to sericite and elongated along foliation plane.

Alteration Maj:	Type/Style/Intensity	Comment
68.57 - 70.55	BIO B W	
68.57 - 70.55	Carb F W	
68.57 - 70.55	CHL P MS	
68.57 - 70.55	Ser SP M	Altered fsp grains

Mineralization Maj. :	Type/Style/%Mineral	Comment
68.57 - 70.55	PO TR	
68.57 - 70.55	PY TR	

Structure Maj.:	Type/Core Angle	Comment
68.57 - 70.55	LC 65	Sharp contact. Patchy qz-chl near contact

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		68.57 - 70.55 FG					
70.55	80.10	**5** ***Clastic Metasedimentary Rocks (Uns***	468467	70.55	72.00	1.45	0.007
		Strongly sericite altered laminated meta-seds or tuffs. Occasional smokey qz-tourm veins up to 10cm with disseminated py+po+chpy. Several stringers, patches, and blebs of sulphides observed throughout unit.	468468	72.00	72.50	0.50	0.003
			468469	72.50	73.00	0.50	0.003
			468471	73.00	73.50	0.50	0.015
			468472	73.50	74.00	0.50	0.023
			468473	74.00	75.00	1.00	0.005
			468474	79.00	80.10	1.10	0.029
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		70.55 - 77.50 Carb F W					
		70.55 - 77.50 CHL P W					
		70.55 - 77.50 Ser P MS Gradually decreases					
		77.50 - 80.10 Carb FF W					
		77.50 - 80.10 CHL P M					
		77.50 - 80.10 Ser P W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		70.55 - 80.10 CP FG 1					
		70.55 - 80.10 PO FG 2					
		70.55 - 80.10 PY DIS 3					
		70.55 - 80.10 PY CG 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		74.40 - 74.41 FOL 60 Strong foliation					
		80.09 - 80.10 LC 70 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		70.55 - 80.10 LNTD					
		70.55 - 80.10 FG					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
80.10	80.70	**6b** ***Chert (unsubdivided)***	468475	80.10	80.70	0.60	0.063

Thin sulphide-rich cherty BIF with 10cm white qz-chl-tourm vein

Alteration Maj:	*Type/Style/Intensity*	*Comment*
80.10 - 80.70	Alb F W	
80.10 - 80.70	Carb F W	
80.10 - 80.70	CHL F WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
80.10 - 80.70	CP FG 1	
80.10 - 80.70	PY FG 3	
80.10 - 80.70	PO FG 5	Stringers, blebs, and patches

Structure Maj.:	*Type/Core Angle*	*Comment*
80.69 - 80.70	LC 65	Sharp contact

Texture Maj:	*Type*	*Comment*
80.10 - 80.70	BX	Numerous micro-fractures cross-cutting bedding/fol'n

80.70	91.80	**5** ***Clastic Metasedimentary Rocks (Uns***	468476	80.70	81.70	1.00	0.034
			468477	81.70	83.20	1.50	0.010
			468478	85.50	86.70	1.20	0.007
			468479	86.70	87.30	0.60	0.014
			468481	87.30	88.30	1.00	0.039
			468482	90.30	91.80	1.50	0.010

Strongly sericite altered laminated meta-seds or tuffs with up to 5% sulphides throughout

Alteration Maj:	*Type/Style/Intensity*	*Comment*
80.70 - 91.80	Qtz PCH W	Patchy late qz alt'n
80.70 - 91.80	Carb F W	
80.70 - 91.80	CHL F W	
80.70 - 91.80	Ser P MS	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
80.70 - 91.80	PO TR	
80.70 - 91.80	PY DIS 5	
80.70 - 91.80	PY CG 5	As stringers, blebs, and large clusters of fg and cg py

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		84.50 - 84.51 FOL 60 Str. Fol'n					
		91.79 - 91.80 LC 50 Vein contact					
		Texture Maj: ***Type*** ***Comment***					
		80.70 - 91.80 LNTD					
		80.70 - 91.80 FG					
91.80	111.00	**7ac** ***Gabbro (unsubdivided)***	468483	91.80	93.00	1.20	0.011
		Fine to medium-grained, green to dark green, strongly foliated gabbro/coarser mafic flow. Abundant milky white qz-carb-chl veining and minor fg py-po-chpy-pn. EOH.	468484	93.00	94.00	1.00	0.003
			468486	94.00	95.00	1.00	0.003
			468487	95.00	96.00	1.00	0.007
			468488	96.00	97.00	1.00	0.005
			468489	97.00	98.00	1.00	0.015
			468490	98.00	99.00	1.00	0.003
			468491	99.00	100.50	1.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		91.80 - 97.90 Ser SP WM					
		91.80 - 97.90 Carb F WM					
		91.80 - 97.90 BIO B W					
		91.80 - 97.90 CHL P S					
		97.90 - 103.70 Ser SP W					
		97.90 - 103.70 Carb F WM					
		97.90 - 103.70 BIO B M					
		97.90 - 103.70 CHL P M					
		103.70 - 111.00 BL P WM					
		103.70 - 111.00 Ser SP W					
		103.70 - 111.00 Carb P WM					
		103.70 - 111.00 BIO B W					
		103.70 - 111.00 CHL P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		91.80 - 111.00 PN TR 1					

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		91.80 - 111.00	CP FG 1						
		91.80 - 111.00	PO FG 3						
		91.80 - 111.00	PY DIS 5	Sulphides occur along vein margins and within vein along fractures					
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		91.80 - 111.00	S 60	Well developed schistosity throughout					
		Texture Maj:	***Type***	***Comment***					
		91.80 - 111.00	MG						
		91.80 - 111.00	FG						

DRILL HOLE REPORT

Hole Number **PC-16-308** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth: 140.2
Dip: -50
Length: 111
Started: 18-Nov-16
Completed: 18-Nov-16
Logged: 30-Nov-16
Comment:

Casing

Length: 0
Pulled:
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Mine Site
Section:
Hole Type DD

Location

Township: PICKLE LAK
Claim No.: PA90
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 706496.3
North: 5712181.24
Elev.: 337.35

Coordinate - UTM

East: 706496.3
North: 5712181.24
Elev.: 337.35
Zone: 15 **NAD:** NAD83

Other

Logged by: Carlos Chamale
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Carlos Chamale
Surveyed:
Surveyed by: Carlos Chamale
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	140.20	-50.00	C	☑	
27.00	157.60	-48.60	EZ	☑	Mag Sus: 57159
69.00	157.20	-48.00	EZ	☑	Mag Sus: 55558
111.00	148.50	-46.10	EZ	☑	Mag Sus: 53327

DRILL HOLE REPORT

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth: 180
Dip: -60
Length: 155.6
Started: 19-Nov-16
Completed: 20-Nov-16
Logged: 02-Dec-16
Comment:

Casing

Length: 0
Pulled:
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Mine Site
Section:
Hole Type DD

Location

Township: PICKLE LAK
Claim No.: PA64
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 706182.54
North: 5711728.79
Elev.: 346.04

Coordinate - UTM

East: 706182.54
North: 5711728.79
Elev.: 346.04
Zone: 15 **NAD:** NAD83

Other

Logged by: Carlos Chamale
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Carlos Chamale
Surveyed:
Surveyed by: Carlos Chamale
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-60.00	C	☑	
15.00	174.00	-59.00	EZ	☑	Mag Sus: 64747, bad test
66.00	170.40	-58.60	EZ	☑	Mag Sus: 57684
117.00	171.70	-57.90	EZ	☑	Mag Sus: 53224
150.00	205.00	-57.30	EZ	☑	Mag Sus: 85088, bad test

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	2.60	**15** ***Overburden (Unsubdivided)***					

Overburden - mix of felsic and mafic fragments

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
2.60	4.35	**2a** ***Massive mafic flows (Unsubdivided)***					

Fine-grained, strongly chloritized, massive mafic flow.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
2.60 - 4.35	MAG FF W	
2.60 - 4.35	Carb F W	
2.60 - 4.35	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
2.60 - 4.35	MAG FG 1	
2.60 - 4.35	PO FG 1	
2.60 - 4.35	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
4.34 - 4.35	LC 40	Sharp contact

Texture Maj:	*Type*	*Comment*
2.60 - 4.35	MASS	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
4.35	5.60	**13** ***Late Mafic Dyke (Unsubdivided)***					

Fine-grained, strongly biotite and carbonate altered mafic dyke.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
4.35 - 5.60	CHL P WM	
4.35 - 5.60	Carb P S	

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

4.35 - 5.60 BIO P S

Mineralization Maj. :	Type/Style/%Mineral	Comment
4.35 - 5.60	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
5.59 - 5.60	LC 40	Sharp contact

Texture Maj:	Type	Comment
4.35 - 5.60	FG	
4.35 - 5.60	MASS	

5.60 15.79 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, strongly chloritized, massive mafic flow with local thin mag-rich BIF (15.06-15.32m).

Alteration Maj:	Type/Style/Intensity	Comment
5.60 - 15.79	MAG F WM	
5.60 - 15.79	Carb F WM	
5.60 - 15.79	CHL P S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
5.60 - 15.79	MAG FF 1	
5.60 - 15.79	PO FG 1	
5.60 - 15.79	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
15.78 - 15.79	LC 60	

Texture Maj:	Type	Comment
5.60 - 15.79	MASS	
5.60 - 15.79	FG	

15.79 18.92 **6c** ***Iron formation (unsubdivided)***

Magnetite-rich Banded Iron Formations. Small mafic dyke at 17.95-18m

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		15.79 - 18.92 Carb F WM					
		15.79 - 18.92 Sil B I					
		15.79 - 18.92 BIO B W					
		15.79 - 18.92 CHL B MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		15.79 - 18.92 PY DIS 1					
		15.79 - 18.92 PO FG 5 Associated with chloritic bands and occurs as fg patchy/stringers					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		18.72 - 18.92 FD 70 Chaotic micro s-folding with associated sulphides and qz-carb-chl veining. Axial plane of qz-carb veinlet at 10 tca					
		Texture Maj: ***Type*** ***Comment***					
		15.79 - 18.92 BX Locally brecciated					
18.92	86.56	**2a** ***Massive mafic flows (Unsubdivided)***	468492	25.50	26.50	1.00	0.005
		Fine to medium grained, strongly chloritized, massive mafic flow. Possibly a mafic gabbro with notable medium grained sections. Minor medium grained mafic/intermediate dyke from 30.3-31.05m at 20-30 tca. Unit becomes foliated and carbonate altered after 51.5m	468493	69.00	70.50	1.50	0.003
			468494	70.50	71.80	1.30	0.003
			468496	71.80	72.30	0.50	0.044
			468497	72.30	73.50	1.20	0.003
			468498	73.50	75.00	1.50	0.015
			468499	75.00	76.50	1.50	0.062
			469501	76.50	78.00	1.50	0.003
			469502	78.00	79.50	1.50	0.003
			469503	79.50	81.00	1.50	0.003
			469504	81.00	82.50	1.50	0.014
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		18.92 - 86.56 BIO FF W Common after 51.5m					
		18.92 - 86.56 Carb F WM					
		18.92 - 86.56 CHL P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		18.92 - 86.56 MAG TR					
		18.92 - 86.56 PO FG 2 Occurs locally and tends to rim py					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		18.92 - 86.56 PY DIS 1	469506	82.50	84.00	1.50	0.006
		Structure Maj.: ***Type/Core Angle*** ***Comment***	469507	84.00	85.50	1.50	0.033
		52.80 - 52.81 FOL 30	469508	85.50	86.56	1.06	0.014
86.56	87.36	**11a** ***Shear zone (unsubdivided)***	469509	86.56	87.36	0.80	0.124
		Fine grained, dark green, sheared mafic flow with common qz-chl veining.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		86.56 - 87.36 BIO INT MS					
		86.56 - 87.36 BIO B M					
		86.56 - 87.36 Carb F M					
		86.56 - 87.36 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		86.56 - 87.36 CP FG 1					
		86.56 - 87.36 PO FG 2					
		86.56 - 87.36 PY DIS 3					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		87.05 - 87.06 FOL 50 Well foliated					
		87.35 - 87.36 LC 40 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		86.56 - 87.36 FG Strongly sheared					
87.36	88.21	**12a15** ***No. 15 Vein (D Zone)***	469511	87.36	88.21	0.85	0.200
		Upper No. 15 Vein. Massive, milky white to smokey grey qz-ser-chl-tourm vein with 3-5% fine-grained py+po+chpy. Sheared and sericite altered contact halos up to 5cm. Common chl-ser laminae associated with sulphides.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		87.36 - 88.21 Alb F W					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		87.36 - 88.21 Ser F WM					
		87.36 - 88.21 Carb F W					
		87.36 - 88.21 CHL F W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		87.36 - 88.21 POCPPN TR Oxidized reddish-grey metallic phase					
		87.36 - 88.21 PN TR					
		87.36 - 88.21 CP FG 1					
		87.36 - 88.21 PO FG 2 Stringers of po at 50 tca					
		87.36 - 88.21 PY DIS 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		88.20 - 88.21 LC 30 Sharp contact					
		Texture Maj: ***Type*** ***Comment***					
		87.36 - 88.21 MASS					
88.21	90.60	**11a** ***Shear zone (unsubdivided)***	469512	88.21	89.00	0.79	0.113
		Fine grained, dark green, sheared mafic flow with common qz-ser-chl veining up to 40cm.	469513	89.00	90.10	1.10	0.122
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469514	90.10	90.60	0.50	0.054
		88.21 - 90.60 BIO B M					
		88.21 - 90.60 Carb F WM					
		88.21 - 90.60 Ser P M					
		88.21 - 90.60 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		88.21 - 90.60 CP TR					
		88.21 - 90.60 PO FG 2					
		88.21 - 90.60 PY DIS 5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		89.50 - 89.51 FOL 60 Strong fol'n					

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		90.59 - 90.60 SHR 70 Shear/vein lower contact					
		Texture Maj: ***Type*** ***Comment***					
		88.21 - 90.60 FG					
90.60	101.70	**2a** ***Massive mafic flows (Unsubdivided)***	469515	90.60	91.60	1.00	0.015
		Fine to medium-grained, green, stongly chloritized, massive gabbro or weakly altered coarser mafic flows.	469516	99.50	100.50	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469517	100.50	101.70	1.20	0.005
		90.60 - 101.70 Carb F W					
		90.60 - 101.70 CHL P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		90.60 - 101.70 PY CG 1 Cubic					
		90.60 - 101.70 PY FG 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		101.69 - 101.70 FOL 40 Gradually becomes sheared					
		Texture Maj: ***Type*** ***Comment***					
		90.60 - 101.70 MASS					
		90.60 - 101.70 FG					
101.70	108.60	**11a** ***Shear zone (unsubdivided)***	469518	101.70	103.20	1.50	0.035
		Fine grained, dark green, sheared mafic flow with common qz-alb-chl veining up to 22cm.	469519	103.20	104.20	1.00	0.007
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469521	104.20	105.10	0.90	0.007
		101.70 - 108.60 Ser F W	469522	105.10	106.10	1.00	0.085
		101.70 - 108.60 Carb F M	469523	106.10	106.70	0.60	0.492
		101.70 - 108.60 BIO INT M	469524	106.70	107.30	0.60	0.633
		101.70 - 108.60 CHL P M	469525	107.30	108.60	1.30	0.604

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

101.70 - 108.60	CP TR	
101.70 - 108.60	PY FG 2	
101.70 - 108.60	PO FG 5	Bands, stringers, and blebs of sulphides

Structure Maj.: ***Type/Core Angle*** ***Comment***

105.40 - 105.41	FOL 30	
108.59 - 108.60	LC 55	Gradually becomes less foliated

Texture Maj: ***Type*** ***Comment***

101.70 - 108.60	FG	

108.60 110.50 **2a** ***Massive mafic flows (Unsubdivided)***

Fine to medium-grained, green, stongly chloritized, massive gabbro or weakly altered coarser mafic flows.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

108.60 - 110.50	Carb F WM	
108.60 - 110.50	CHL P S	

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

108.60 - 110.50	PY FG 1	

Structure Maj.: ***Type/Core Angle*** ***Comment***

110.49 - 110.50	LC 50	Sharp contact

Texture Maj: ***Type*** ***Comment***

108.60 - 110.50	MASS	
108.60 - 110.50	FG	

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
110.50	123.60	**11** ***Late Structural Zones (Unsubdivided)***	469527	110.50	111.50	1.00	0.006
		Zone of late stage brittle deformation of mafic flows and mag-rich BIF. Local qz flooding between mafic flows and interbedded between BIF.	469528	114.00	115.00	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469529	115.00	116.00	1.00	0.114
		110.50 - 123.60 Carb F M	469530	116.00	117.00	1.00	0.133
		110.50 - 123.60 MAG B S	469531	117.00	117.70	0.70	0.010
		110.50 - 123.60 CHL P S	469532	117.70	118.70	1.00	0.049
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	469533	118.70	120.00	1.30	0.164
		110.50 - 123.60 PO FG 1	469534	120.00	121.40	1.40	0.197
		110.50 - 123.60 PY FG 1					
		110.50 - 123.60 PY CG 2					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		121.50 - 121.51 BC					
		121.50 - 121.51 F 35					
		123.59 - 123.60 LC 40 Sharp vein contact					
		Texture Maj: ***Type*** ***Comment***					
		110.50 - 123.60 BX					
123.60	125.20	**13** ***Late Mafic Dyke (Unsubdivided)***					
		Fine to medium-grained, dark green to black, foliated mafic dyke? Phaneritic with elongated carb and qz/fs grains.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		123.60 - 125.20 Carb F MS					
		123.60 - 125.20 CHL P W					
		123.60 - 125.20 BIO P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		123.60 - 125.20 PY DIS 1					

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

123.60 - 125.20 PY CG 1 Up to 2mm

Structure Maj.:	Type/Core Angle	Comment
124.80 - 124.81	FOL 35	Strong fol'n
125.19 - 125.20	LC 40	Sharp contact

Texture Maj:	Type	Comment
123.60 - 125.20	FG	

125.20 130.10 **2a** ***Massive mafic flows (Unsubdivided)***

Fine-grained, foliated mafic flows with mag-rich BIF bands and silica flooding as pods/bands

Mineralization Maj. :	Type/Style/%Mineral	Comment
125.20 - 130.10	POPY FG 3	

Structure Maj.:	Type/Core Angle	Comment
130.09 - 130.10	LC 25	Sharp contact

130.10 138.90 **6c** ***Iron formation (unsubdivided)***

Magnetite-rich Banded Iron Formations

Mineralization Maj. :	Type/Style/%Mineral	Comment
130.10 - 138.90	POPY FG 5	

Structure Maj.:	Type/Core Angle	Comment
138.89 - 138.90	LC 30	Sharp contact

138.90 139.95 **8d** ***Quartz-feldspar porphyry***

Dark grey, coarse-grained, weakly foliated quartz feldspar biotite porphyry. Sheared lower contact, 15cm from vein contact.

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

138.90 - 139.95 PO TR Near upper contact with BIF

138.90 - 139.95 PY TR

Structure Maj.: ***Type/Core Angle*** ***Comment***

139.94 - 139.95 LC 30 qz-carb-chl vein contact with trace potassic alt'n

139.95 147.80 **6c** ***Iron formation (unsubdivided)***

Magnetite-rich Banded Iron Formations

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

139.95 - 147.80 PY DIS 1

139.95 - 147.80 PO FG 5

Structure Maj.: ***Type/Core Angle*** ***Comment***

147.79 - 147.80 LC 30 Sharp contact

147.80 149.35 **2a** ***Massive mafic flows (Unsubdivided)***

Massive mafic flow

Structure Maj.: ***Type/Core Angle*** ***Comment***

149.34 - 149.35 LC 40 Sharp contact

149.35 155.60 **6c** ***Iron formation (unsubdivided)***

Magnetite-rich Banded Iron formations. EOH

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-309** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

DRILL HOLE REPORT

Hole Number **PC-16-310** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

Drilling

Azimuth: 233.2
Dip: -70.3
Length: 150
Started: 20-Nov-16
Completed: 22-Nov-16
Logged: 04-Dec-16
Comment:

Casing

Length: 0
Pulled:
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Mine Site
Section:
Hole Type DD

Location

Township: PICKLE LAK
Claim No.: PA737
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 703688.06
North: 5710115.56
Elev.: 345.38

Coordinate - UTM

East: 703688.06
North: 5710115.56
Elev.: 345.38
Zone: 15 **NAD:** NAD83

Other

Logged by: Carlos Chamale
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Carlos Chamale
Surveyed:
Surveyed by: Carlos Chamale
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	233.20	-70.30	C	☑	
15.00	221.50	-69.70	EZ	☑	Mag Sus: 56526
66.00	250.70	-68.50	EZ	☑	Mag Sus: 53153
117.00	249.90	-68.30	EZ	☑	Mag Sus: 58795
150.00	227.60	-68.00	EZ	☑	Mag Sus: 43343

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-310** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	1.50	**15** ***Overburden (Unsubdivided)*** Overburden					
1.50	33.85	**2a** ***Massive mafic flows (Unsubdivided)*** Very fine grained, greenish grey to dark grey, siliceous, foliated mafic flow. Minor patchy chl and carb alt'n. Up to 1% disseminated Py. Local thin shear zones with qz-carb veinlets near lower contact.	469536	5.00	6.50	1.50	0.006
			469537	6.50	8.00	1.50	0.006
			469538	32.80	33.85	1.05	0.016
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 33.84 - 33.85 LC 10 qz-alb veinlet contact					
33.85	62.00	**6b** ***Chert (unsubdivided)*** Beige to black, chert+mag rich highly fracture Banded Iron Formations. Minor dark grey qz-chl infilled fractures with 1-3% disseminated py+po.	469539	33.85	35.00	1.15	0.114
			469541	35.00	36.00	1.00	0.107
			469542	36.00	37.50	1.50	0.088
			469543	37.50	39.00	1.50	0.229
			469544	39.00	40.50	1.50	3.030
			469545	40.50	42.00	1.50	0.758
			469546	42.00	43.50	1.50	0.024
			469547	43.50	45.00	1.50	0.021
			469548	45.00	46.50	1.50	0.023
			469549	46.50	48.00	1.50	0.029
			469551	48.00	49.00	1.00	0.025
			469552	49.00	49.50	0.50	1.034
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 61.95 - 62.00 LC 30 Sharp qz-carb vein (5cm) contact with 5% fg py					

Hole Number **PC-16-310** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469553	49.50	51.00	1.50	0.199
			469554	51.00	52.50	1.50	0.245
			469556	52.50	54.00	1.50	0.039
			469557	54.00	55.50	1.50	0.053
			469558	55.50	57.00	1.50	0.023
			469559	57.00	58.50	1.50	0.041
			469560	58.50	60.00	1.50	0.093
			469561	60.00	61.40	1.40	0.003
			469562	61.40	62.00	0.60	0.217
62.00	120.50	**2a** ***Massive mafic flows (Unsubdivided)***	469563	62.00	63.00	1.00	0.008
		Fine-grained, greenish grey mafic flow with a fol'n at ~25tca. From 62-68.1m, common Fe-oxidation along fracture planes. Siliceous flow after 68.5m	469564	63.00	64.50	1.50	0.003
			469566	64.50	66.00	1.50	0.003
			469567	66.00	67.10	1.10	0.003
			469568	67.10	68.10	1.00	0.007
			469569	68.10	68.70	0.60	0.029
			469571	68.70	69.70	1.00	0.006
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		120.49 - 120.50 LC 25 Sharp contact					
120.50	132.60	**6c** ***Iron formation (unsubdivided)***					
		Fractured cherty and magnetite Banded Iron Formations with local hem alt'n					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		132.59 - 132.60 LC 20 Sharp contact					
132.60	150.00	**2a** ***Massive mafic flows (Unsubdivided)***					

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-16-310** Project: **PC 2016 DRILL PROGRAM** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Fine grained, greenish grey, siliceous, foliated mafic flow. EOH.					

Appendix III – Diamond Drill Hole Assay Certificates

ACCURASSAY LABORATORIES
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assay@accurassay.com

Tuesday, December 20, 2016

Final Certificate

Fladgate Exploration CC
1158 Russell Street, Unit D
Thunder Bay, , CAN
P7B5N2
Ph#: (807) 345-5380
Email: michael.thompson@fladgateexploration.com

Date Received: 12/09/2016
Date Completed: 12/20/2016
Job #: 201642454
Reference: FMF-PKL
Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244199	468001	0.018	
244200	468002	0.104	
244201	468003	0.007	
244202	468004	0.008	
244203	468005	0.009	
244204	468006	0.007	
244205	468007	<0.005	
244206	468008	0.007	
244207	468009	0.008	
244208	468010	0.999	
244209	468010	Insufficient Sample	
244210	468011	0.006	
244211	468012	0.006	
244212	468013	0.006	
244213	468014	0.009	
244214	468015	0.006	
244215	468016	<0.005	
244216	468017	0.008	
244217	468018	0.009	
244218	468019	0.013	
244219	468020	<0.005	
244220	468020 Dup	<0.005	
244221	468021	0.008	
244222	468022	0.008	
244223	468023	0.012	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
Andrew Oleski
Lab Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.
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Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244224	468024	0.008	
244225	468025	0.007	
244226	468026	0.007	
244227	468027	0.005	
244228	468028	0.006	
244229	468029	0.048	
244230	468030	0.006	
244231	468030 Dup	0.005	
244232	468031	<0.005	
244233	468032	<0.005	
244234	468033	0.008	
244235	468034	<0.005	
244236	468035	0.009	
244237	468036	0.006	
244238	468037	0.006	
244239	468038	0.010	
244240	468039	0.008	
244241	468040	5.527	
244242	468040	Insufficient Sample	
244243	468041	0.006	
244244	468042	0.009	
244245	468043	0.025	
244246	468044	0.008	
244247	468045	0.039	
244248	468046	0.006	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244249	468047	<0.005	
244250	468048	0.007	
244251	468049	<0.005	
244252	468050	<0.005	
244253	468050 Dup	0.005	
244254	468051	0.013	
244255	468052	0.121	
244256	468053	0.012	
244257	468054	0.007	
244258	468055	0.008	
244259	468056	0.016	
244260	468057	<0.005	
244261	468058	0.006	
244262	468059	<0.005	
244263	468060	0.009	
244264	468060 Rep	0.010	
244265	468061	0.008	
244266	468062	0.013	
244267	468063	0.006	
244268	468064	0.006	
244269	468065	0.006	
244270	468066	0.007	
244271	468067	0.110	
244272	468068	<0.005	
244273	468069	<0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244274	468070	>10.000	14.413
244275	468070	Insufficient Sample	
244276	468071	0.015	
244277	468072	0.006	
244278	468073	<0.005	
244279	468074	0.010	
244280	468075	0.111	
244281	468076	0.122	
244282	468077	0.044	
244283	468078	0.007	
244284	468079	0.016	
244285	468080	<0.005	
244286	468080 Dup	<0.005	
244287	468081	0.007	
244288	468082	<0.005	
244289	468083	0.008	
244290	468084	<0.005	
244291	468085	<0.005	
244292	468086	<0.005	
244293	468087	0.005	
244294	468088	0.009	
244295	468089	<0.005	
244296	468090	<0.005	
244297	468090 Dup	<0.005	
244298	468091	0.013	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Date Completed: 12/20/2016
Job #: 201642454
Reference: FMF-PKL
Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244299	468092	<0.005	
244300	468093	0.040	
244301	468094	<0.005	
244302	468095	<0.005	
244303	468096	<0.005	
244304	468097	0.006	
244305	468098	<0.005	
244306	468099	<0.005	
244307	468100	0.963	
244308	468100	Insufficient Sample	
244309	468101	0.010	
244310	468102	0.014	
244311	468103	0.013	
244312	468104	<0.005	
244313	468105	<0.005	
244314	468106	0.010	
244315	468107	<0.005	
244316	468108	<0.005	
244317	468109	<0.005	
244318	468110	1.027	
244319	468110	Insufficient Sample	
244320	468111	0.026	
244321	468112	0.274	
244322	468113	0.029	
244323	468114	0.018	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Lab Manager - Thunder Bay

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Date Received: 12/09/2016
Date Completed: 12/20/2016
Job #: 201642454
Reference: FMF-PKL
Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244324	468115	0.031	
244325	468116	0.022	
244326	468117	<0.005	
244327	468118	<0.005	
244328	468119	<0.005	
244329	468120	<0.005	
244330	468120	Insufficient Sample	
244331	468121	0.036	
244332	468122	0.011	
244333	468123	0.052	
244334	468124	0.038	
244335	468125	Insufficient Sample	
244336	468126	0.197	
244337	468127	0.058	
244338	468128	0.137	
244339	468129	0.045	
244340	468130	0.014	
244341	468130 Dup	0.013	
244342	468131	0.007	
244343	468132	0.029	
244344	468133	0.005	
244345	468134	0.007	
244346	468135	0.008	
244347	468136	0.005	
244348	468137	<0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
Andrew Oleski
Lab Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Tuesday, December 20, 2016

Final Certificate

Fladgate Exploration CC
1158 Russell Street, Unit D
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Ph#: (807) 345-5380
Email: michael.thompson@fladgateexploration.com

Date Received: 12/09/2016
Date Completed: 12/20/2016
Job #: 201642454
Reference: FMF-PKL
Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244349	468138	0.006	
244350	468139	0.039	
244351	468140	5.688	
244352	468140	Insufficient Sample	
244353	468141	0.019	
244354	468142	0.023	
244355	468143	0.010	
244356	468144	0.007	
244357	468145	0.014	
244358	468146	0.017	
244359	468147	0.010	
244360	468148	0.011	
244361	468149	0.126	
244362	468150	<0.005	
244363	468150 Dup	0.006	
244364	468151	0.009	
244365	468152	0.008	
244366	468153	<0.005	
244367	468154	0.008	
244368	468155	Insufficient Sample	
244369	468156	0.013	
244370	468157	0.010	
244371	468158	0.011	
244372	468159	0.144	
244373	468160	0.009	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244374	468160 Dup	0.010	
244375	468161	0.011	
244376	468162	0.012	
244377	468163	0.009	
244378	468164	<0.005	
244379	468165	<0.005	
244380	468166	0.008	
244381	468167	0.005	
244382	468168	0.017	
244383	468169	0.005	
244384	468170	1.001	
244385	468170	Insufficient Sample	
244386	468171	0.010	
244387	468172	0.023	
244388	468173	0.005	
244389	468174	0.015	
244390	468175	0.014	
244391	468176	1.565	
244392	468177	0.068	
244393	468178	<0.005	
244394	468179	<0.005	
244395	468180	<0.005	
244396	468180	Insufficient Sample	
244397	468181	<0.005	
244398	468182	0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244399	468183	0.010	
244400	468184	0.026	
244401	468185	Insufficient Sample	
244402	468186	0.021	
244403	468187	0.017	
244404	468188	0.032	
244405	468189	0.028	
244406	468190	0.028	
244407	468190 Dup	0.030	
244408	468191	0.011	
244409	468192	0.034	
244410	468193	0.010	
244411	468194	0.009	
244412	468195	0.009	
244413	468196	0.144	
244414	468197	0.010	
244415	468198	0.008	
244416	468199	0.005	
244417	468200	>10.000	14.387
244418	468200	Insufficient Sample	
244419	468201	0.011	
244420	468202	0.008	
244421	468203	0.456	
244422	468204	0.167	
244423	468205	0.111	

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244424	468206	0.110	
244425	468207	0.031	
244426	468208	1.183	
244427	468209	0.177	
244428	468210	1.037	
244429	468210	Insufficient Sample	
244430	468211	0.015	
244431	468212	0.008	
244432	468213	0.007	
244433	468214	0.007	
244434	468215	0.007	
244435	468216	0.008	
244436	468217	<0.005	
244437	468218	0.010	
244438	468219	<0.005	
244439	468220	<0.005	
244440	468220 Dup	<0.005	
244441	468221	0.005	
244442	468222	0.015	
244443	468223	<0.005	
244444	468224	<0.005	
244445	468225	<0.005	
244446	468226	<0.005	
244447	468227	<0.005	
244448	468228	<0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244449	468229	<0.005	
244450	468230	<0.005	
244451	468230 Dup	<0.005	
244452	468231	<0.005	
244453	468232	<0.005	
244454	468233	<0.005	
244455	468234	0.005	
244456	468235	0.006	
244457	468236	0.009	
244458	468237	<0.005	
244459	468238	0.039	
244460	468239	1.624	
244461	468240	5.617	
244462	468240	Insufficient Sample	
244463	468241	0.019	
244464	468242	0.008	
244465	468243	0.009	
244466	468244	0.006	
244467	468245	0.006	
244468	468246	<0.005	
244469	468247	0.005	
244470	468248	0.008	
244471	468249	<0.005	
244472	468250	<0.005	
244473	468250 Dup	<0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244474	468251	0.012	
244475	468252	0.007	
244476	468253	0.010	
244477	468254	0.007	
244478	468255	0.008	
244479	468256	0.013	
244480	468257	<0.005	
244481	468258	<0.005	
244482	468259	<0.005	
244483	468260	<0.005	
244484	468260 Dup	0.006	
244485	468261	<0.005	
244486	468262	<0.005	
244487	468263	<0.005	
244488	468264	0.008	
244489	468265	<0.005	
244490	468266	0.007	
244491	468267	0.018	
244492	468268	0.007	
244493	468269	0.056	
244494	468270	>10.000	14.918
244495	468270	Insufficient Sample	
244496	468271	0.182	
244497	468272	0.045	
244498	468273	0.520	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244499	468274	0.208	
244500	468275	0.065	
244501	468276	0.393	
244502	468277	0.211	
244503	468278	0.174	
244504	468279	0.019	
244505	468280	<0.005	
244506	468280 Dup	<0.005	
244507	468281	0.488	
244508	468282	0.174	
244509	468283	0.063	
244510	468284	0.018	
244511	468285	0.025	
244512	468286	0.733	
244513	468287	3.615	
244514	468288	1.452	
244515	468289	0.628	
244516	468290	0.018	
244517	468290 Dup	0.015	
244518	468291	0.639	
244519	468292	0.372	
244520	468293	0.008	
244521	468294	0.011	
244522	468295	0.021	
244523	468296	0.011	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244524	468297	0.014	
244525	468298	0.050	
244526	468299	0.015	
244527	468300	0.936	
244528	468300	Insufficient Sample	
244529	468301	0.706	
244530	468302	0.079	
244531	468303	0.029	
244532	468304	0.008	
244533	468305	0.018	
244534	468306	0.009	
244535	468307	0.010	
244536	468308	0.009	
244537	468309	0.009	
244538	468310	5.653	
244539	468310	Insufficient Sample	
244540	468311	0.015	
244541	468312	0.016	
244542	468313	0.007	
244543	468314	0.007	
244544	468315	0.015	
244545	468316	0.010	
244546	468317	0.012	
244547	468318	0.008	
244548	468319	0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244549	468320	<0.005	
244550	468320 Dup	<0.005	
244551	468321	<0.005	
244552	468322	0.010	
244553	468323	0.013	
244554	468324	0.022	
244555	468325	Insufficient Sample	
244556	468326	0.006	
244557	468327	0.007	
244558	468328	0.009	
244559	468329	<0.005	
244560	468330	0.078	
244561	468330 Dup	0.019	
244562	468331	0.086	
244563	468332	0.896	
244564	468333	0.143	
244565	468334	0.649	
244566	468335	<0.005	
244567	468336	0.076	
244568	468337	0.067	
244569	468338	3.526	
244570	468339	0.041	
244571	468340	>10.000	14.201
244572	468340	Insufficient Sample	
244573	468341	0.076	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244574	468342	0.523	
244575	468343	0.064	
244576	468344	0.023	
244577	468345	0.081	
244578	468346	0.049	
244579	468347	1.059	
244580	468348	0.383	
244581	468349	1.017	
244582	468350	<0.005	
244583	468350 Dup	0.006	
244584	468351	1.095	
244585	468352	0.103	
244586	468353	0.276	
244587	468354	0.396	
244588	468355	<0.005	
244589	468356	0.327	
244590	468357	0.276	
244591	468358	0.017	
244592	468359	>10.000	15.139
244593	468360	0.033	
244594	468360 Rep	0.029	
244595	468361	0.026	
244596	468362	2.128	
244597	468363	1.309	
244598	468364	0.874	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244599	468365	0.238	
244600	468366	1.444	
244601	468367	0.023	
244602	468368	0.025	
244603	468369	0.019	
244604	468370	1.034	
244605	468370	Insufficient Sample	
244606	468371	0.084	
244607	468372	0.048	
244608	468373	0.232	
244609	468374	0.021	
244610	468375	1.124	
244611	468376	1.065	
244612	468377	0.026	
244613	468378	3.382	
244614	468379	1.931	
244615	468380	0.009	
244616	468380 Dup	0.006	
244617	468381	0.013	
244618	468382	0.066	
244619	468383	0.209	
244620	468384	1.887	
244621	468385	1.401	
244622	468386	4.350	
244623	468387	2.012	

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Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244624	468388	0.388	
244625	468389	0.011	
244626	468390	0.019	
244627	468390 Dup	0.021	
244628	468391	0.011	
244629	468392	0.185	
244630	468393	0.023	
244631	468394	0.392	
244632	468395	0.650	
244633	468396	0.446	
244634	468397	0.146	
244635	468398	0.007	
244636	468399	<0.005	
244637	468400	>10.000	14.291
244638	468400	Insufficient Sample	
244639	468401	0.034	
244640	468402	0.008	
244641	468403	0.006	
244642	468404	0.006	
244643	468405	<0.005	
244644	468406	0.009	
244645	468407	0.006	
244646	468408	0.005	
244647	468409	0.006	
244648	468410	1.062	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244649	468410	Insufficient Sample	
244650	468411	0.011	
244651	468412	0.007	
244652	468413	0.011	
244653	468414	0.012	
244654	468415	0.011	
244655	468416	0.009	
244656	468417	0.012	
244657	468418	0.012	
244658	468419	0.012	
244659	468420	<0.005	
244660	468420	Insufficient Sample	
244661	468421	0.012	
244662	468422	0.008	
244663	468423	0.010	
244664	468424	0.037	
244665	468425	0.046	
244666	468426	0.171	
244667	468427	0.675	
244668	468428	0.641	
244669	468429	0.077	
244670	468430	0.074	
244671	468430 Dup	0.080	
244672	468431	0.035	
244673	468432	0.023	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
Andrew Oleski
Lab Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Tuesday, December 20, 2016

Final Certificate

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Ph#: (807) 345-5380
Email: michael.thompson@fladgateexploration.com

Date Received: 12/09/2016
Date Completed: 12/20/2016
Job #: 201642454
Reference: FMF-PKL
Sample #: 455

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
244674	468433	0.018	
244675	468434	0.026	
244676	468435	0.045	
244677	468436	0.566	
244678	468437	0.840	
244679	468438	0.049	
244680	468439	0.072	
244681	468440	5.771	
244682	468440	Insufficient Sample	
244683	468441	0.015	
244684	468442	0.010	
244685	468443	0.007	
244686	468444	0.006	
244687	468445	0.008	
244688	468446	0.011	
244689	468447	0.111	
244690	468448	0.093	
244691	468449	0.007	
244692	468450	<0.005	
244693	468450 Dup	<0.005	
244694	468451	0.262	
244695	468452	0.375	
244696	468453	0.033	
244697	468454	<0.005	
244698	468455	<0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
Andrew Oleski
Lab Manager - Thunder Bay

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Authorized By:
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Date Received: 12/09/2016
Date Completed: 12/20/2016
Job #: 201642454
Reference: FMF-PKL
Sample #: 455

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	0.941	1.100	0.060
WW06	Au	0.992	1.100	0.060
WW06	Au	0.955	1.100	0.060
WW06	Au	0.775	1.100	0.060
WW06	Au	1.045	1.100	0.060
WW06	Au	1.040	1.100	0.060
GS45	Au	2.710	2.920	0.180
WW06	Au	0.989	1.100	0.060
WW06	Au	1.077	1.100	0.060
WW06	Au	1.149	1.100	0.060
WW06	Au	0.975	1.100	0.060
WW06	Au	0.980	1.100	0.060
WW06	Au	0.994	1.100	0.060
WW06	Au	1.061	1.100	0.060
GS45	Au	2.849	2.920	0.180
WW06	Au	0.999	1.100	0.060
WW06	Au	1.164	1.100	0.060
WW06	Au	1.123	1.100	0.060
WW06	Au	1.107	1.100	0.060
WW06	Au	1.092	1.100	0.060
WW06	Au	1.209	1.100	0.060
GS37	AuG	3.386	3.220	0.210

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
Andrew Oleski
Lab Manager - Thunder Bay

Certified By:
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Authorized By:
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Date Received: 12/09/2016
Date Completed: 12/22/2016
Job #: 201642455
Reference: FMF-PKL
Sample #: 17

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
244699	468332	0.663	0.566	2.040	0.664	3.46%	32.91
244700	468333	0.254	0.245	0.158	0.247	2.74%	26.2
244701	468334	0.490	0.701	2.345	0.670	4.28%	40.85
244702	468337	0.086	0.071	0.023	0.077	2.81%	26.87
244703	468342	0.557	0.659	0.176	0.599	2.00%	19.03
244704	468347	0.820	0.805	0.468	0.809	1.01%	9.71
244705	468349	1.112	1.016	8.231	1.214	2.10%	20.06
244706	468351	1.142	1.208	2.253	1.192	1.56%	14.93
244707	468352	0.099	0.109	0.163	0.105	1.27%	12.1
244708	468353	0.260	0.258	0.235	0.258	3.73%	35.5
244710	468375	1.104	1.131	5.620	1.160	0.94%	7.8
244711	468376	0.988	1.089	1.185	1.044	4.09%	38.94
244712	468388	0.353	0.388	1.845	0.432	4.17%	34.85
244713	468447	0.110	0.074	0.052	0.090	4.83%	46.08
244714	468451	0.262	0.260	0.101	0.256	3.25%	31.56
244715	468452	0.284	0.280	1.640	0.311	2.13%	20.3
244716	468453	0.028	0.025	<0.001	0.026	0.35%	3.38

APPLIED SCOPES: ALPM1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Date Received: 12/09/2016
Date Completed: 12/22/2016
Job #: 201642455
Reference: FMF-PKL
Sample #: 17

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	1.099	1.100	0.060
WW06	Au	1.216	1.100	0.060

APPLIED SCOPES: ALPM1

Validated By:
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Certified By:
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Date Received: 12/13/2016
Date Completed: 12/21/2016
Job #: 201642467
Reference: FMF-PKL
Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
245708	469569	0.021	0.021	0.724	0.029	1.09%	10.87

APPLIED SCOPES: ALPM1

Validated By:
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Certified By:
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Authorized By:
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Date Received: 12/13/2016
Date Completed: 12/21/2016
Job #: 201642467
Reference: FMF-PKL
Sample #: 1

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)

APPLIED SCOPES: ALPM1

Validated By:
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Certified By:
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Date Received: 12/12/2016
Date Completed: 12/21/2016
Job #: 201642463
Reference: 201642462
Sample #: 6

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
245588	469509	0.137	0.113	0.112	0.124	4.38%	35.92
245589	469511	0.226	0.146	0.479	0.200	4.80%	39.25
245590	469512	0.124	0.103	0.101	0.113	4.32%	33.88
245591	469514	0.051	0.058	0.031	0.054	0.80%	7.62
245592	469523	0.505	0.463	0.591	0.492	7.63%	45.63
245593	469524	0.637	0.676	0.242	0.633	5.75%	36.44

APPLIED SCOPES: ALPM1

Validated By:
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Date Received: 12/12/2016
Date Completed: 12/21/2016
Job #: 201642463
Reference: 201642462
Sample #: 6

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	1.093	1.100	0.060

APPLIED SCOPES: ALPM1

Validated By:
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Date Received: 12/12/2016
Date Completed: 12/21/2016
Job #: 201642462
Reference: FMF-PKL
Sample #: 104

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
245474	468456	<0.005	
245475	468457	<0.005	
245476	468458	<0.005	
245477	468459	0.007	
245478	468460	0.027	
245479	468461	<0.005	
245480	468462	0.008	
245481	468463	0.009	
245482	468464	<0.005	
245483	468465	<0.005	
245484	468465 Dup	<0.005	
245485	468466	0.006	
245486	468467	0.007	
245487	468468	<0.005	
245488	468469	<0.005	
245489	468470	>10.000	14.588
245490	468471	0.015	
245491	468472	0.023	
245492	468473	0.005	
245493	468474	0.029	
245494	468475	0.063	
245495	468475 Dup	0.084	
245496	468476	0.034	
245497	468477	0.010	
245498	468478	0.007	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Date Completed: 12/21/2016
Job #: 201642462
Reference: FMF-PKL
Sample #: 104

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
245499	468479	0.014	
245500	468480	<0.005	
245501	468481	0.039	
245502	468482	0.010	
245503	468483	0.011	
245504	468484	<0.005	
245505	468485	<0.005	
245506	468485 Dup	<0.005	
245507	468486	<0.005	
245508	468487	0.007	
245509	468488	0.005	
245510	468489	0.015	
245511	468490	<0.005	
245512	468491	<0.005	
245513	468492	0.005	
245514	468493	<0.005	
245515	468494	<0.005	
245516	468495	<0.005	
245517	468495 Dup	<0.005	
245518	468496	0.044	
245519	468497	<0.005	
245520	468498	0.015	
245521	468499	0.062	
245522	468500	1.038	
245523	469501	<0.005	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
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Certified By:
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Authorized By:
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Job #: 201642462
Reference: FMF-PKL
Sample #: 104

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
245524	469502	<0.005	
245525	469503	<0.005	
245526	469504	0.014	
245527	469505	0.014	
245528	469505 Dup	0.012	
245529	469506	0.006	
245530	469507	0.033	
245531	469508	0.014	
245532	469509	0.097	
245533	469510	5.907	
245534	469511	0.200	
245535	469512	0.088	
245536	469513	0.122	
245537	469514	0.046	
245538	469515	0.015	
245539	469515 Rep	0.017	
245540	469516	<0.005	
245541	469517	0.005	
245542	469518	0.035	
245543	469519	0.007	
245544	469520	<0.005	
245545	469521	0.007	
245546	469522	0.085	
245547	469523	0.412	
245548	469524	0.220	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Date Completed: 12/21/2016
Job #: 201642462
Reference: FMF-PKL
Sample #: 104

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
245549	469525	0.604	
245550	469525 Dup	0.676	
245551	469526	0.142	
245552	469527	0.006	
245553	469528	<0.005	
245554	469529	0.114	
245555	469530	0.133	
245556	469531	0.010	
245557	469532	0.049	
245558	469533	0.164	
245559	469534	0.197	
245560	469535	1.095	
245561	469535	Insufficient Sample	
245562	469536	0.006	
245563	469537	0.006	
245564	469538	0.016	
245565	469539	0.114	
245566	469540	>10.000	14.343
245567	469541	0.107	
245568	469542	0.088	
245569	469543	0.229	
245570	469544	3.030	
245571	469545	0.758	
245572	469545 Dup	0.769	
245573	469546	0.024	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

Validated By:
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Date Completed: 12/21/2016
Job #: 201642462
Reference: FMF-PKL
Sample #: 104

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
245574	469547	0.021	
245575	469548	0.023	
245576	469549	0.029	
245577	469550	<0.005	
245578	469551	0.025	
245579	469552	1.034	
245580	469553	0.199	
245581	469554	0.245	
245582	469555	0.269	
245583	469555 Dup	0.248	
245584	469556	0.039	
245585	469557	0.053	
245586	469558	0.023	
245587	469559	0.041	

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Date Received: 12/12/2016
Date Completed: 12/21/2016
Job #: 201642462
Reference: FMF-PKL
Sample #: 104

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	1.033	1.100	0.060
WW06	Au	1.050	1.100	0.060
WW06	Au	1.127	1.100	0.060
WW06	Au	1.144	1.100	0.060
WW06	Au	1.147	1.100	0.060

APPLIED SCOPES: ALP2, ALFA2, ALFA7

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Date Received: 12/13/2016
Date Completed: 12/20/2016
Job #: 201642466
Reference: FMF-PKL
Sample #: 12

Acc #	Client ID	Au g/t (ppm)
245695	469560	0.093
245696	469561	<0.005
245697	469562	0.217
245698	469563	0.008
245699	469564	<0.005
245700	469565	<0.005
245701	469566	<0.005
245702	469567	<0.005
245703	469568	0.007
245704	469569	0.128
245705	469569 Dup	0.125
245706	469570	0.987
245707	469571	0.006

APPLIED SCOPES: ALP2, ALFA2

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

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Tuesday, December 20, 2016

Final Certificate

Fladgate Exploration CC
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Ph#: (807) 345-5380
Email: michael.thompson@fladgateexploration.com

Date Received: 12/13/2016
Date Completed: 12/20/2016
Job #: 201642466
Reference: FMF-PKL
Sample #: 12

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	0.992	1.100	0.060

APPLIED SCOPES: ALP2, ALFA2

Validated By:
Jason Moore, VP Operations, Assayer

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Appendix IV – Work Associated Dates and Costs

2016 PC Gold Pickle Crow Total Expenses	Date From	Date To	Total
Professional Time	19-Oct-16	23-Dec-16	$53,974.00
Drilling Costs	19-Oct-16	23-Dec-16	$121,216.40
Equipment Rental Costs	19-Oct-16	23-Dec-16	$4,900.00
Assay Costs	19-Oct-16	23-Dec-16	$10,774.38
Food and Lodging Costs	19-Oct-16	23-Dec-16	$9,338.45
Fuel Costs	19-Oct-16	23-Dec-16	$6,170.46
General Expenses (e.g. shipping, snow plow, etc.)	19-Oct-16	23-Dec-16	$18,360.23
Total:			**$224,733.92**

2016 Professional Time						
Code	Date Started	Date finished	Name	Days	Rate ($C)	Total ($C)
Program Planning/Supervision	19-Oct-16	23-Dec-16	Neil Pettigrew	12.5	$850.00	$10,625.00
Program Planning	19-Oct-16	23-Dec-16	Dave Penna	3.75	$700.00	$2,625.00
Drill Supervision/Logging and Report Writing	19-Oct-16	23-Dec-16	Carlos Chamale	38	$600.00	$22,800.00
Geotechnical	19-Oct-16	23-Dec-16	Carli Nap	10	$400.00	$4000.00
Geotechnical	19-Oct-16	23-Dec-16	Richard Brett	21	$400.00	$8,400.00
Geotechnical	19-Oct-16	23-Dec-16	Victor Skunk	23.5	$184.00	$4,324.00
Report Writing	19-Oct-16	23-Dec-16	Lesley Weston	2	$600.00	$1,200.00
Total Professional Time						***$53,974.00***

HoleID	Total Drilled Length (m)	Patent #1	Length %	Patent #1 total m	Patent #1 Drill cost for m	Patent #2	Length %	Patent #2 total m	Patent #2 Drill cost for m
PC-16-302	153	PA725	100.00%	153	$26,084.27				
PC-16-303	158.1	PA725	100.00%	158.1	$26,953.74				
PC-16-304	138	PA70	100.00%	138	$23,526.99				
PC-16-305	183	PA70	100.00%	183	$31,198.83				
PC-16-306	161.5	PA64	100.00%	161.5	$27,533.39				
PC-16-307	108	PA63	100.00%	108	$18,412.42				
PC-16-308	111	PA90	50.00%	55.5	$9,461.94	PA63	50.00%	55.5	$9,461.94
PC-16-309	155.6	PA64	100.00%	155.6	$26,527.53				
PC-16-310	150	PA737	100.00%	150	$25,572.81				

2016 Total Costs:	$224,733.92
Total Metres Drilled:	1,318.20
Cost/Metre:	$170.48

Patent #	Total $ per Patent
PA725	$53,038.01
PA70	$54,725.81
PA64	$54,060.92
PA63	$27,874.36
PA90	$9,461.94
PA737	$25,572.81
TOTAL	**$224,733.85**