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Technical Report
for MNDM Assessment Purposes,
2017 Drilling Program

PC Gold – Pickle Crow Property

Atik Lake, Collishaw Lake, Tarp Lake, Firstloon Lake, Ponsford, Connell, McCullagh, and Dona Lake Townships/Areas
Patricia Mining Division, Northwestern Ontario

Prepared For:

First Mining Finance Corporation

Prepared by:

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

June 13, 2017

FLADGATE EXPLORATION CONSULTING CORPORATION
1158 Russell Street – Unit D Thunder Bay, Ontario P7B 5N2 Phone: (807) 345-5380 Fax: (807) 345-1875

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1 Introduction

The Pickle Crow Property consists of 106 patents and 93 claims covering the historic Pickle Crow Gold Mine, which are fully owned by PC Gold Inc. ("**PC Gold**"), a subsidiary of First Mining Finance Corporation ("**First Mining**"), 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).

The 2017 drilling program was designed to test the potential western extension of the Core Mine Trend. The Core Mine Trend has traditionally ended after the Springer Shaft, it's extension has been interpreted by the author to bend to the north along the northern contact of the Hooker Stock. This interpretation was supported by the presence of and east-west trend comprising several narrow, high grade historic intercepts from drilling done in the 1950's by Pickle Crow Gold mines.

2 Terms of Reference

This report was prepared at the request of 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 (Coates and Anderson, 2008), as well as assessment reports, private reports and general geological reports and maps listed in Section 14 "References". 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 day requirements and therefore the current 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 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 unpatented mining claims covering a total of 16,405 hectares (Figure 2). The core area encompassing the past-producing Pickle Crow Gold Mine has dimensions of ~4 km SW-NE by 1.5 km SE-NW, and comprises 98 leaseholds (surface and mining rights) and 8 patents (mining rights) covering 1,747.4 hectares (4,318 acres) (Figure 3).

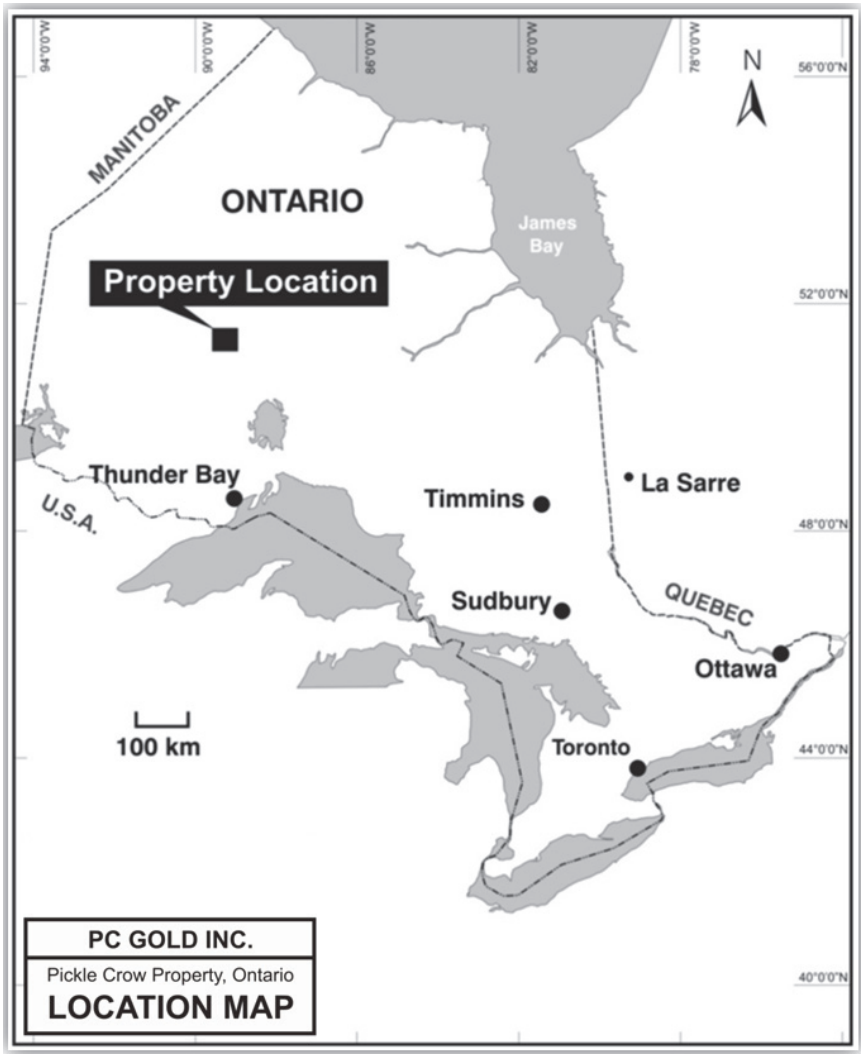

Figure 1 - Property Location.

Table 1 - Pickle Crow Property unpatented claims (see Figure 2).

Township / Area	Claim	Recording Date	Due Date	Units	Ownership
ATIK LAKE	3008478	2004-Jun-28	2017-Jun-28	12	PC Gold Inc. (100%)
COLLISHAW LAKE	3008479	2004-Jun-28	2017-Jun-28	16	PC Gold Inc. (100%)
COLLISHAW LAKE	4214431	2010-Mar-05	2018-Mar-05	9	PC Gold Inc. (100%)
COLLISHAW LAKE	4265583	2014-Nov-07	2017-Nov-07	16	PC Gold Inc. (100%)
COLLISHAW LAKE	4265584	2014-Nov-07	2017-Nov-07	16	PC Gold Inc. (100%)
COLLISHAW LAKE	4265585	2014-Nov-07	2017-Nov-07	4	PC Gold Inc. (100%)
CONNELL	1234493	2003-Mar-13	2018-Mar-13	1	PC Gold Inc. (100%)
CONNELL	1234494	2003-Mar-13	2018-Mar-13	4	PC Gold Inc. (100%)
CONNELL	1234495	2003-Mar-13	2018-Mar-13	2	PC Gold Inc. (100%)
CONNELL	1234496	2003-Mar-13	2018-Mar-13	4	PC Gold Inc. (100%)
CONNELL	1234499	2003-Apr-04	2018-Apr-04	2	PC Gold Inc. (100%)
CONNELL	1234500	2003-Apr-04	2018-Apr-04	16	PC Gold Inc. (100%)
CONNELL	1244526	2002-Feb-22	2018-Feb-22	7	PC Gold Inc. (100%)
CONNELL	1244527	2002-Feb-22	2018-Feb-22	2	PC Gold Inc. (100%)
CONNELL	1245440	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
CONNELL	1246889	2003-Mar-21	2018-Mar-21	12	PC Gold Inc. (100%)
CONNELL	1246892	2003-Mar-21	2018-Mar-21	10	PC Gold Inc. (100%)
CONNELL	3004371	2003-Apr-04	2018-Apr-04	16	PC Gold Inc. (100%)
CONNELL	3002045	2002-May-06	2018-May-06	8	Rubicon Minerals (100%)
CONNELL	3002046	2002-May-06	2018-May-06	16	Rubicon Minerals (100%)
CONNELL	3002047	2002-May-06	2018-May-06	9	Rubicon Minerals (100%)
CONNELL	3002048	2002-May-06	2018-May-06	8	Rubicon Minerals (100%)
CONNELL	3002050	2002-May-06	2018-May-06	8	Rubicon Minerals (100%)
CONNELL	3006076	2002-Nov-28	2017-Nov-28	15	PC Gold Inc. (100%)
CONNELL	3008481	2004-Jun-28	2017-Jun-28	6	PC Gold Inc. (100%)
CONNELL	3008482	2004-Jun-28	2017-Jun-28	8	PC Gold Inc. (100%)
CONNELL	4241793	2010-Feb-05	2018-Feb-05	2	PC Gold Inc. (100%)
CONNELL	4241794	2010-Feb-05	2018-Feb-05	2	PC Gold Inc. (100%)
CONNELL	4241795	2010-Feb-05	2018-Feb-05	3	PC Gold Inc. (100%)
CONNELL	4242656	2008-May-23	2018-May-23	8	PC Gold Inc. (100%)
CONNELL	4242657	2008-May-23	2018-May-23	6	PC Gold Inc. (100%)
CONNELL	4242658	2008-May-23	2018-May-23	12	PC Gold Inc. (100%)
CONNELL	4242659	2008-May-23	2018-May-23	9	PC Gold Inc. (100%)
CONNELL	4242660	2008-May-23	2018-May-23	4	PC Gold Inc. (100%)
CONNELL	4242665	2008-May-23	2018-May-23	11	PC Gold Inc. (100%)
CONNELL	4242791	2008-May-23	2018-May-23	7	PC Gold Inc. (100%)

Township / Area	Claim	Recording Date	Due Date	Units	Ownership
CONNELL	4242792	2008-May-23	2018-May-23	16	PC Gold Inc. (100%)
CONNELL	4242793	2008-May-23	2018-May-23	16	PC Gold Inc. (100%)
CONNELL	4242794	2008-May-23	2018-May-23	14	PC Gold Inc. (100%)
CONNELL	4242795	2008-May-23	2018-May-23	7	PC Gold Inc. (100%)
CONNELL	4242797	2008-May-23	2018-May-23	2	PC Gold Inc. (100%)
CONNELL	4242798	2008-May-23	2018-May-23	7	PC Gold Inc. (100%)
CONNELL	4249592	2009-Jun-16	2018-Jun-16	11	PC Gold Inc. (100%)
CONNELL	4254823	2010-Mar-16	2018-Mar-16	4	PC Gold Inc. (100%)
CONNELL	4278000	2014-Feb-06	2018-Feb-06	1	PC Gold Inc. (100%)
CONNELL	4282646	2016-Jan-18	2018-Jan-18	4	PC Gold Inc. (100%)
CONNELL	4282647	2016-Jan-18	2018-Jan-18	2	PC Gold Inc. (100%)
CONNELL	4282648	2016-Jan-18	2018-Jan-18	16	PC Gold Inc. (100%)
CONNELL	4282649	2016-Jan-18	2018-Jan-18	16	PC Gold Inc. (100%)
CONNELL	4282650	2016-Jan-18	2018-Jan-18	16	PC Gold Inc. (100%)
DONA LAKE	1234483	2003-Mar-13	2018-Mar-13	1	PC Gold Inc. (100%)
DONA LAKE	1234484	2003-Mar-13	2018-Mar-13	12	PC Gold Inc. (100%)
DONA LAKE	1234487	2003-Mar-13	2018-Mar-13	16	PC Gold Inc. (100%)
DONA LAKE	1234488	2003-Mar-13	2018-Mar-13	4	PC Gold Inc. (100%)
DONA LAKE	1234489	2003-Mar-13	2018-Mar-13	16	PC Gold Inc. (100%)
DONA LAKE	4249594	2009-Jun-16	2018-Jun-16	15	PC Gold Inc. (100%)
DONA LAKE	4249596	2009-Jun-16	2018-Jun-16	15	PC Gold Inc. (100%)
DONA LAKE	4249598	2009-Jun-16	2018-Jun-16	16	PC Gold Inc. (100%)
DONA LAKE	4249600	2009-Jun-16	2018-Jun-16	14	PC Gold Inc. (100%)
FIRSTLOON LAKE	1245450	2003-Jan-31	2018-Jan-31	12	PC Gold Inc. (100%)
FIRSTLOON LAKE	3008480	2004-Jun-28	2017-Jun-28	15	PC Gold Inc. (100%)
FIRSTLOON LAKE	4224322	2008-Feb-05	2018-Feb-05	7	PC Gold Inc. (100%)
FIRSTLOON LAKE	4224326	2008-Feb-05	2018-Feb-05	16	PC Gold Inc. (100%)
FIRSTLOON LAKE	4242662	2008-May-23	2018-May-23	16	PC Gold Inc. (100%)
FIRSTLOON LAKE	4265586	2014-Nov-07	2017-Nov-07	16	PC Gold Inc. (100%)
FIRSTLOON LAKE	4265587	2014-Nov-07	2017-Nov-07	16	PC Gold Inc. (100%)
FIRSTLOON LAKE	4265588	2014-Nov-07	2017-Nov-07	16	PC Gold Inc. (100%)
MCCULLAGH	4242661	2008-May-23	2018-May-23	7	PC Gold Inc. (100%)
MCCULLAGH	4242663	2008-May-23	2018-May-23	9	PC Gold Inc. (100%)
MCCULLAGH	4242664	2008-May-23	2018-May-23	10	PC Gold Inc. (100%)
MCCULLAGH	4242796	2008-May-23	2018-May-23	4	PC Gold Inc. (100%)
MCCULLAGH	4245794	2014-Feb-11	2018-Feb-11	2	PC Gold Inc. (100%)
MCCULLAGH	4245795	2014-Feb-11	2018-Feb-11	3	PC Gold Inc. (100%)

Township / Area	Claim	Recording Date	Due Date	Units	Ownership
MCCULLAGH	4245796	2014-Feb-11	2018-Feb-11	3	PC Gold Inc. (100%)
MCCULLAGH	4276968	2014-Mar-07	2018-Mar-07	1	PC Gold Inc. (100%)
MCCULLAGH	4276969	2014-Mar-07	2018-Mar-07	6	PC Gold Inc. (100%)
PONSFORD	4249591	2009-Jun-16	2018-Jun-16	11	PC Gold Inc. (100%)
TARP LAKE	1245441	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
TARP LAKE	1245442	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
TARP LAKE	1245443	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
TARP LAKE	1245444	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
TARP LAKE	1245445	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
TARP LAKE	1245446	2003-Jan-31	2018-Jan-31	8	PC Gold Inc. (100%)
TARP LAKE	1245447	2003-Jan-31	2018-Jan-31	15	PC Gold Inc. (100%)
TARP LAKE	1245448	2003-Jan-31	2018-Jan-31	6	PC Gold Inc. (100%)
TARP LAKE	1245449	2003-Jan-31	2018-Jan-31	16	PC Gold Inc. (100%)
TARP LAKE	3006064	2003-Jan-31	2018-Jan-31	12	PC Gold Inc. (100%)
TARP LAKE	3006075	2002-Nov-28	2017-Nov-28	16	PC Gold Inc. (100%)
TARP LAKE	3006077	2002-Nov-28	2017-Nov-28	16	PC Gold Inc. (100%)
TARP LAKE	3008475	2004-Jun-28	2017-Jun-28	8	PC Gold Inc. (100%)
TARP LAKE	3008476	2004-Jun-28	2017-Jun-28	12	PC Gold Inc. (100%)
TARP LAKE	3008477	2004-Jun-28	2017-Jun-28	16	PC Gold Inc. (100%)
TARP LAKE	4248796	2010-Feb-04	2018-Feb-04	4	PC Gold Inc. (100%)
TOTAL	**93**			**927**	

Table 2 - PC Gold Leaseholds (surface and mining rights; see Figure 3).

Patent Number	Parcel	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
PA200	PCL 1272	Connell	42032-0047	12.66
PA201	PCL 1273	Connell	42032-0046	17.69

Patent Number	Parcel	Township	PIN	Area (ha)
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
PA737	PCL 641	Connell	42032-0040	20.69
PA738	PCL 642	Connell	42032-0039	18.15

Patent Number	Parcel	Township	PIN	Area (ha)
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
PA2133	PCL 1466	Connell	42032-0015	14.01
PA2139	PCL 1464	Connell	42032-0008	11.96

Patent Number	Parcel	Township	PIN	Area (ha)
PA2140	PCL 1469	Connell	42032-0003	21.99
PA2141	PCL 1468	Connell	42032-0004	21.10
PA2185	PCL 567	Connell	42302-0064	7.92

Table 3 - PC Gold patents (mining rights only; see Figure 3).

Patent Number	Parcel	Township	PIN	Area (ha)
PA90		McCullagh		16.84
PA91		McCullagh		15.95
PA92		McCullagh		11.61
PA93		McCullagh		23.80
PA94		McCullagh		9.36
PA95		McCullagh		12.56
PA96		McCullagh		9.95
PA2586		McCullagh		18.21

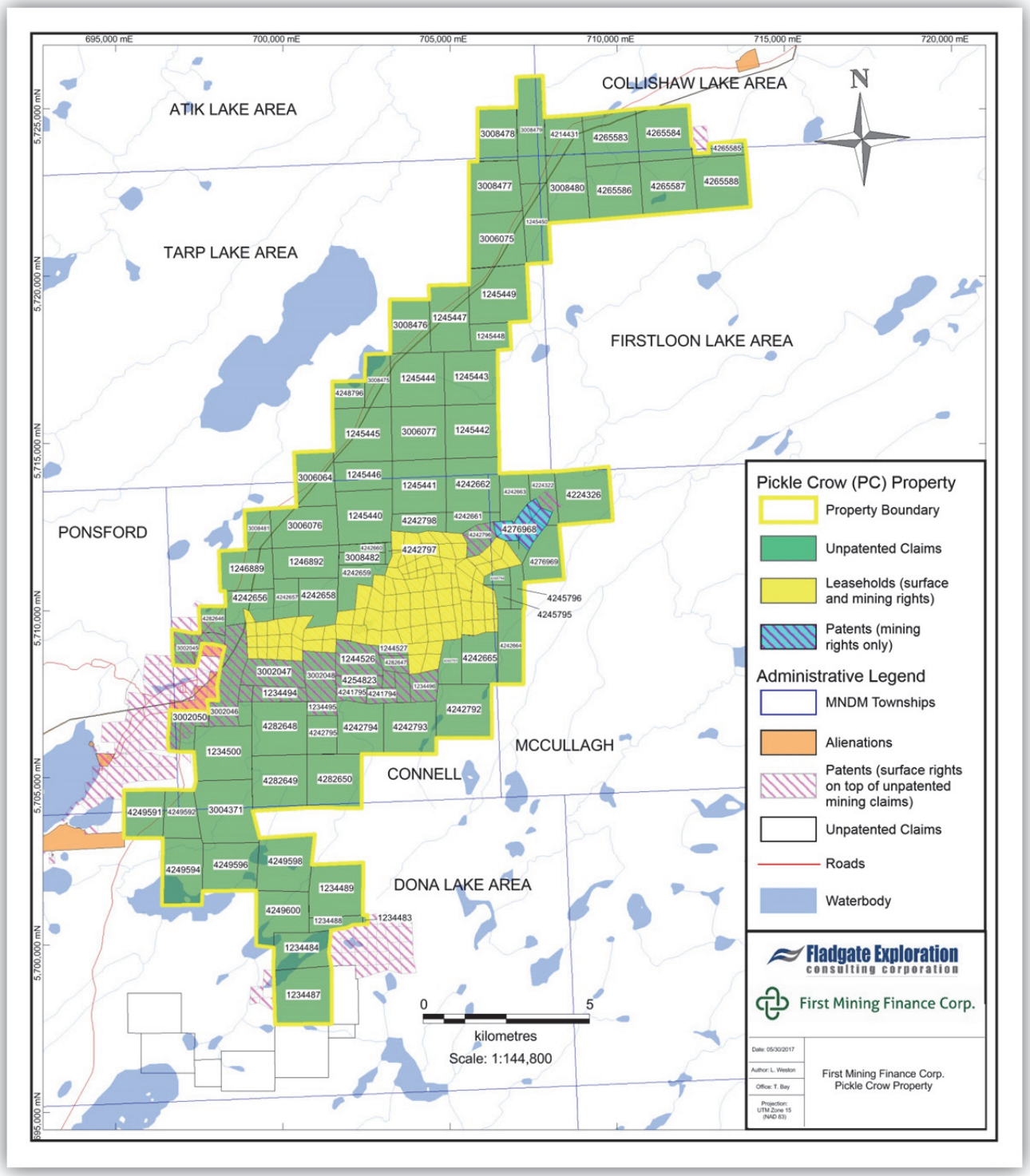

Figure 2 - Pickle Crow Property showing unpatented claims labeled.

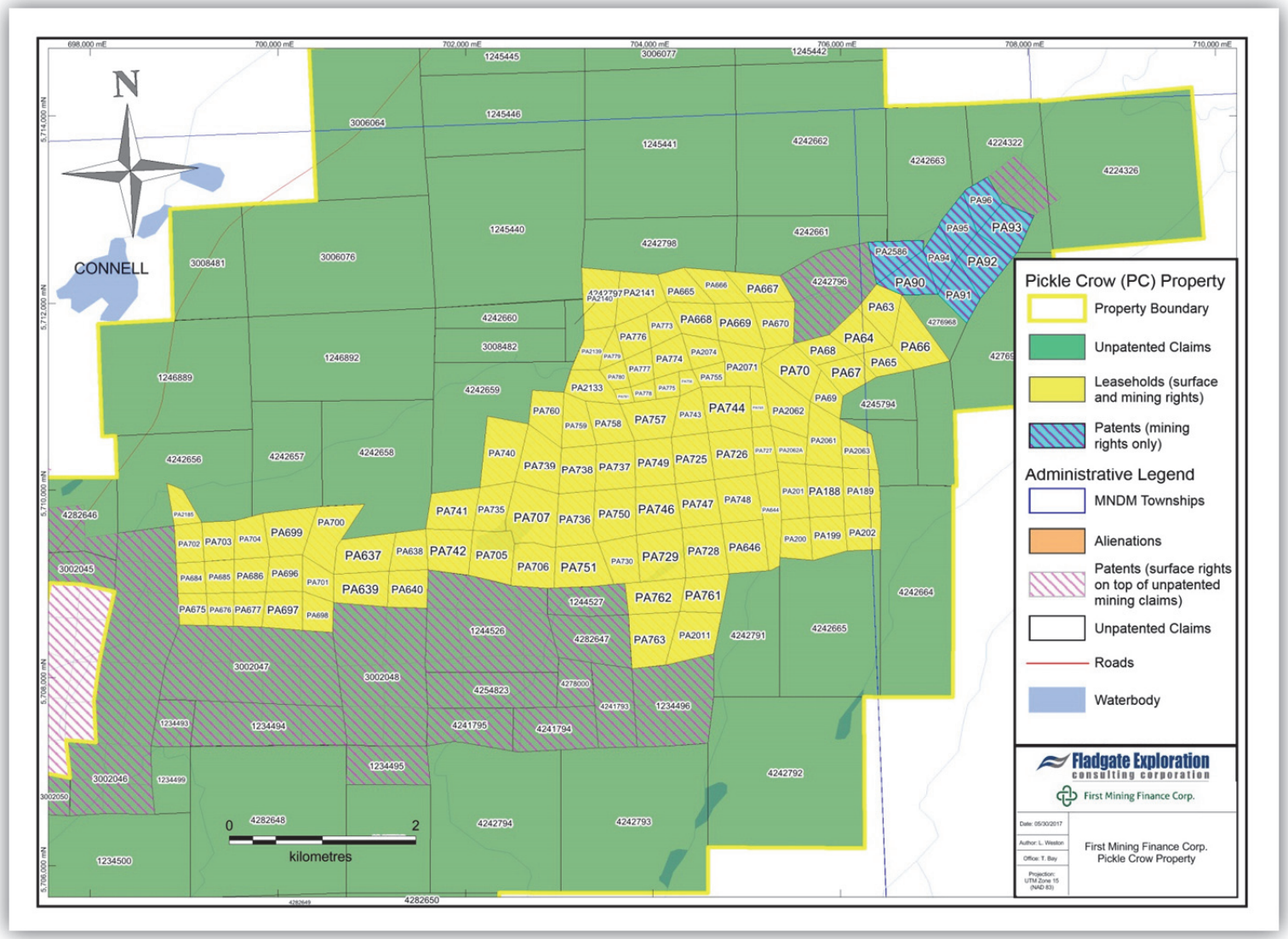

Figure 3 - Center of Pickle Crow Property showing leaseholds and patents.

5 Accessibility, Local Resources and Infrastructure

The Property is accessed by driving west from Thunder Bay, Ontario, along Trans-Canada Hwy 17 approximately 245 km to the town of Ignace. At this point travel northward on Provincial Route 599 approximately 290 km to the town of Pickle Lake (Figure 4). 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 road access. 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 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 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 a few km's 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 of 40.0˚C in June 1933 (Source: Meteorological Service of Canada).

The Pickle Crow Property has low to moderate relief and undulating terrain with elevations to ~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 4 - 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 a 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 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 a ~70 x 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. 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-sulfide 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 sulfides. Both quartz and sulfides 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 sulfides, primarily pyrrhotite, along the iron-rich layers. The sulfidized iron formation forms distinct zones adjacent to gold-bearing vein structures. Within these zones, however, 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, which have been best summarized in PC Gold's 43-101 reports by Terry Hennessey in 2011 and Howard Coates and William Anderson in 2008. The first program was undertaken 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 leaseholder 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 was useful in tracing out 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 extensive 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 mostly lain dormant since mine closure, with the exception of a few 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, 2016a).

In 2014, an exploration program consisting of diamond drilling and a small reconnaissance 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.

In 2016, an exploration program was undertaken by PC Gold consisting of 9 NQ-sized holes comprising 1,318 meters was completed. The drill program tested various targets on the Core Mine trend including the Crowshore area. All casings were left in place and capped, and all collar locations were surveyed using an SX Blue differential GPS (Chamale, 2016b).

All known mineralized zones within the Pickle Lake Property are presented in **Error! Reference source not found.** and Table 4.

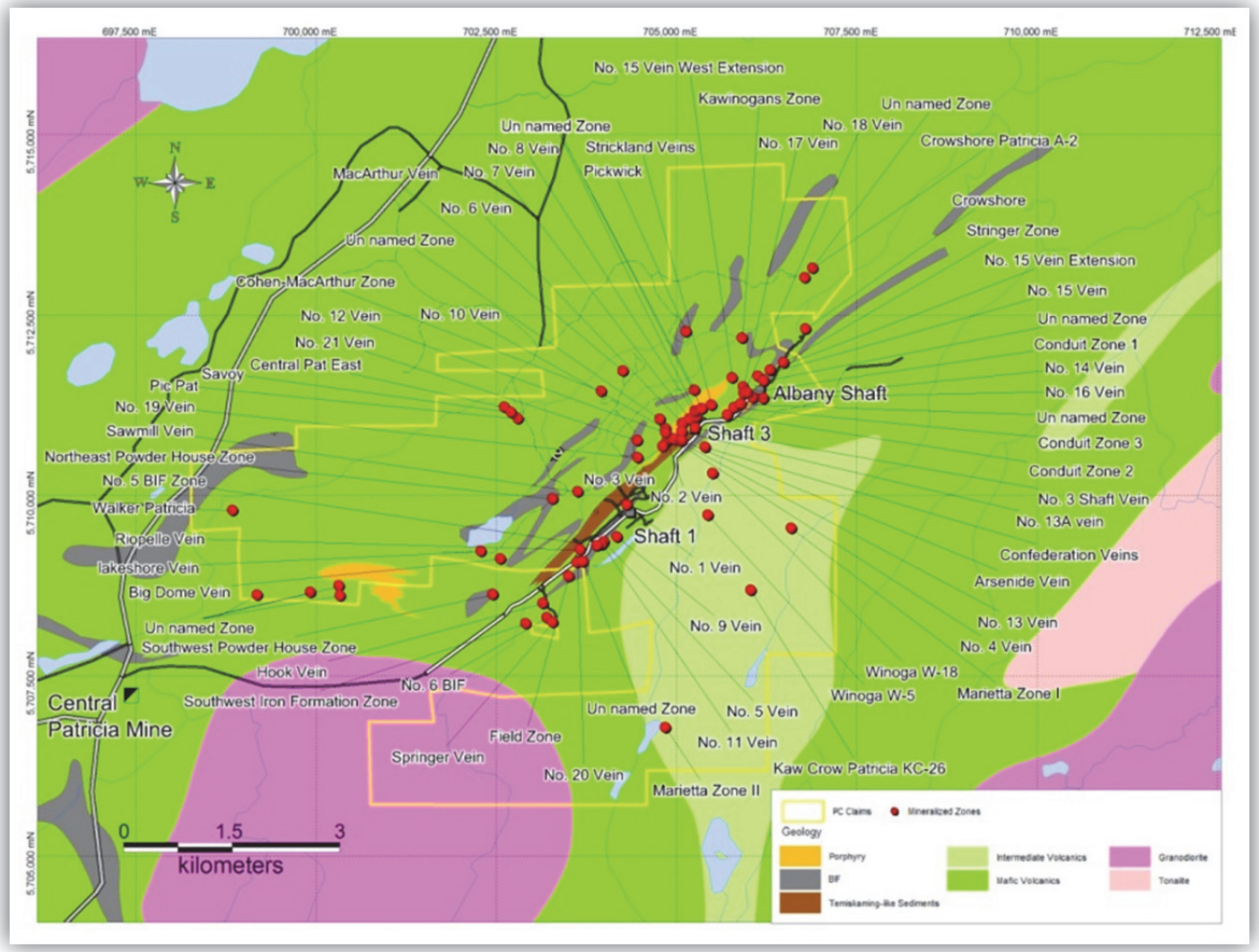

Figure 5 - Location of all known mineralized zones proximal to the Core Mine trend. The property boundary is not current, and the "Confederation Veins" are now refer to No. 22 and 23 Veins.

Table 4 - All Known Mineralized Zones on the Pickle Crow Property.

Name	Easting (mE)	Northing (mN)	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
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

Name	Easting (mE)	Northing (mN)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
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
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

Name	Easting (mE)	Northing (mN)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
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
Southwest Powder House Zone	702454	5708626	0	1980s	Au	BIF			• Similar to NE Powder House

Name	Easting (mE)	Northing (mN)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
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
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

Name	Easting (mE)	Northing (mN)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
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
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			• These Vein are now referred to as the No. 22 and 23 Veins and host an inferred resource of 37,100 oz @ 7.6 g/t Au.
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
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

Name	Easting (mE)	Northing (mN)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
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
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

Name	Easting (mE)	Northing (mN)	Depth (m)	Year of Discovery	Commodity	Style	43-101 compliant Inferred Resource	Historical Resources	Notes
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 February 5 – March 24, 2017 by Chibougamau Diamond Drilling Ltd. There were 6 NQ-sized diamond drill holes completed, totaling 1,255 m. 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 5. A map showing drill hole locations is shown in Figure 6. All maps are projected to UTM coordinates using NAD83 Zone 15. Drill hole sections are included in Section 11 ("Results"). Drill logs and down hole surveys are included in Appendix I. Assay certificates are included in Appendix II.

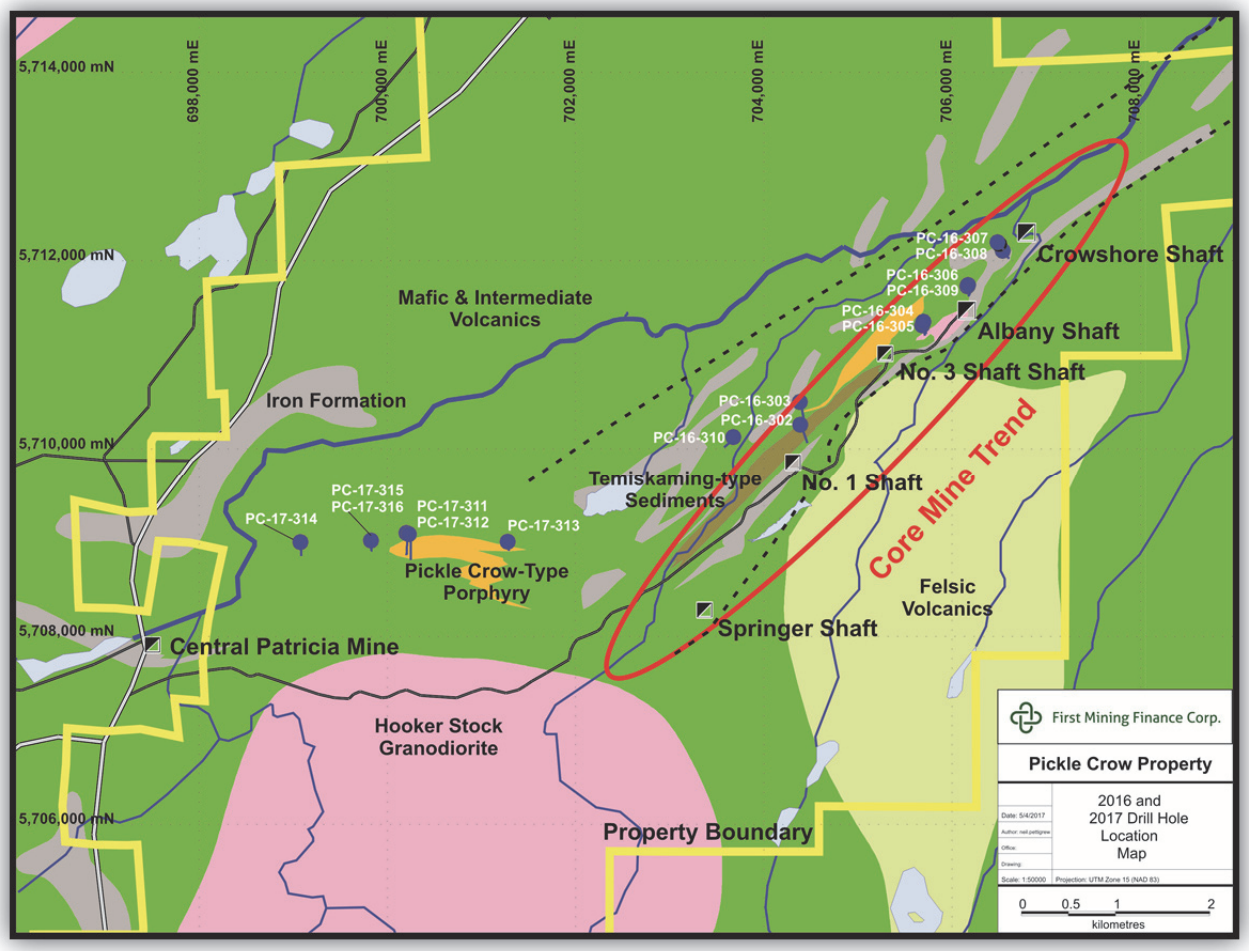

Figure 6 - Drill hole locations from the 2016 and 2017 programs.

The total cost of drilling was $146,618.70 and the total cost of this exploration program was $284,958.58 (Appendix IV). Neil Pettigrew from Fladgate Exploration supervised the drill program and is the Qualified Person for this report. Carlos Chamale and Jesse Koroscil also from Fladgate Exploration,

were tasked with drill supervision and core logging. Michael Garrett, Steve Greiner and two members of the Mishkeegogamang First Nation provided geotechnical and core cutting services. Lesley Weston prepared the written report.

Table 5 - Drill hole coordinates and statistics.

Hole ID	Easting (mE)	Northing (mN)	Elevation (m)	Azimuth	Dip	Metres Drilled (m)	Target	Patent/ Claim
PC-17-311	700241.44	5709083.33	343.61	180˚	-47˚	336	Between 698-1 and 696-1, mineralized quartz vein	PA696
PC-17-312	700216.59	5709084.67	342.61	180˚	-50˚	330	25 m step-out of PC-17-311	PA696
PC-17-313	701289.40	5708993.95	351.22	180˚	-50˚	132	High grade quartz vein hosted in mafic volcanics near 65 m	PA640
PC-17-314	699090.07	5708988.84	343.49	188.2˚	-50˚	201	Undercut of historical drill hole 675-1 and 675-2	PA684
PC-17-315	699839.3	5709005.3	345.50	188.2˚	-65˚	36	Shear zone with irregular quartz stringers intersected by historic hole 686-1	PA686
PC-17-316	699838.61	5709001.95	345.50	188.2˚	-65˚	219	Shear zone with irregular quartz stringers intersected by historic hole 686-1	PA686
					Total m drilled:	*1254 m*		

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 2017 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 the Activation Laboratory (Actlabs) 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 10 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); Individual vein samples that are suspected of hosting "nuggety" gold are also sent for screen metallic.
6. Blanks, standards, field duplicates (1/4 split cores), and crush duplicates are inserted sequentially at least every 10th sample into the sample stream before shipment. Gold standards consist of a high-grade (G308-5; 13.30 ± 0.56 g/t Au), a mid-grade (G301-10; 5.57 ± 0.21 g/t Au), and a low-grade (G310-5; 1.01 ± 0.05 g/t Au) from Geostats Pty Ltd. of Australia. Blanks are from Nelson Granite of Kenora, Ontario.

11 Results

11.1 QA/QC Results

Samples were assayed at Activation Laboratories in Thunder Bay, Ontario, according to the above protocols. The analyses of standards were tabulated and compared to the acceptable certified values. With the exception of one analysis of the high standard, all three standards used in this program returned acceptable values, to within 3 standard deviations. The most applicable standard to this program, containing only 1.01 g/t Au (G310-5), returned values within 1 standard deviation of the certified value. Blanks also returned acceptable results, with all but one analysis being less than the detection limit. The single analysis that registered a value above detection, was also at the detection limit value.

Table 6 - Results of QA/QC samples from the 2017 drill program.

Hole ID	Depth of Hole	Sample No.	QAQC Sample Type	Au (g/t) FA-AA	Au (g/t) FA-GRA
PC-17-311	44.5	469580	Blank	< 0.005	
PC-17-311	84	469610	Blank	< 0.005	
PC-17-311	108	469640	Blank	< 0.005	
PC-17-311	135	469670	Blank	< 0.005	
PC-17-311	233.5	469700	Blank	0.005	
PC-17-311	262.8	469730	Blank	< 0.005	
PC-17-311	290	469760	Blank	< 0.005	
PC-17-311	315	496790	Blank	< 0.005	

Hole ID	Depth of Hole	Sample No.	QAQC Sample Type	Au (g/t) FA-AA	Au (g/t) FA-GRA
PC-17-312	38.33	469820	Blank	< 0.005	
PC-17-312	71	469850	Blank	< 0.005	
PC-17-312	105	469880	Blank	< 0.005	
PC-17-312	142	469910	Blank	< 0.005	
PC-17-312	166.7	469940	Blank	< 0.005	
PC-17-312	203	469970	Blank	< 0.005	
PC-17-312	231.5	470000	Blank	< 0.005	
PC-17-312	251	470530	Blank	< 0.005	
PC-17-312	274.5	470560	Blank	< 0.005	
PC-17-312	300	470590	Blank	< 0.005	
PC-17-312	322.5	470620	Blank	< 0.005	
PC-17-313	53	470650	Blank	< 0.005	
PC-17-313	78	470680	Blank	< 0.005	
PC-17-313	99.5	470710	Blank	< 0.005	
PC-17-313	124	470740	Blank	< 0.005	
PC-17-314	26	470770	Blank	< 0.005	
PC-17-314	52	470800	Blank	< 0.005	
PC-17-314	78.25	470830	Blank	< 0.005	
PC-17-314	101.4	470860	Blank	< 0.005	
PC-17-314	116.9	470875	Blank	< 0.005	
PC-17-314	130.15	470890	Blank	< 0.005	
PC-17-314	141.7	470905	Blank	< 0.005	
PC-17-314	153.5	470920	Blank	< 0.005	
PC-17-314	176	470950	Blank	< 0.005	
PC-17-314	197	470980	Blank	< 0.005	
PC-17-315	29	470995	Blank	< 0.005	
PC-17-316	35	470010	Blank	< 0.005	
PC-17-316	61.5	470040	Blank	< 0.005	
PC-17-316	89	470070	Blank	< 0.005	
PC-17-316	114	470100	Blank	< 0.005	
PC-17-316	143	470130	Blank	< 0.005	
PC-17-316	167.25	470160	Blank	< 0.005	
PC-17-316	189	470190	Blank	< 0.005	
PC-17-316	212.25	470220	Blank	< 0.005	
PC-17-311	46.5	469585	crush dup	< 0.005	
PC-17-311	88	469615	crush dup	0.028	
PC-17-311	112	469645	crush dup	< 0.005	
PC-17-311	148	469675	crush dup	< 0.005	

Hole ID	Depth of Hole	Sample No.	QAQC Sample Type	Au (g/t) FA-AA	Au (g/t) FA-GRA
PC-17-311	237.5	469705	crush dup	< 0.005	
PC-17-311	265	469735	crush dup	0.01	
PC-17-311	294	469765	crush dup	0.157	
PC-17-311	319.5	469795	crush dup	0.009	
PC-17-312	42	469825	crush dup	< 0.005	
PC-17-312	75.5	469855	crush dup	< 0.005	
PC-17-312	109	469885	crush dup	0.005	
PC-17-312	146	469915	crush dup	< 0.005	
PC-17-312	181	469945	crush dup	0.027	
PC-17-312	207.57	469975	crush dup	< 0.005	
PC-17-312	234.5	470505	crush dup	< 0.005	
PC-17-312	254.2	470535	crush dup	0.016	
PC-17-312	278.5	470565	crush dup	< 0.005	
PC-17-312	303	470595	crush dup	0.011	
PC-17-312	326	470625	crush dup	0.007	
PC-17-313	56.5	470655	crush dup	< 0.005	
PC-17-313	82	470685	crush dup	< 0.005	
PC-17-313	105	470715	crush dup	0.006	
PC-17-313	128	470745	crush dup	< 0.005	
PC-17-314	30	470775	crush dup	< 0.005	
PC-17-314	56	470805	crush dup	< 0.005	
PC-17-314	82	470835	crush dup	< 0.005	
PC-17-314	105.4	470865	crush dup	0.007	
PC-17-314	133	470895	crush dup	0.047	
PC-17-314	158	470925	crush dup	0.014	
PC-17-314	178.5	470955	crush dup	0.008	
PC-17-315	20	470985	crush dup	< 0.005	
PC-17-316	39	470015	crush dup	< 0.005	
PC-17-316	65	470045	crush dup	0.027	
PC-17-316	93	470075	crush dup	< 0.005	
PC-17-316	117.4	470105	crush dup	0.024	
PC-17-316	147	470135	crush dup	< 0.005	
PC-17-316	170.5	470165	crush dup	0.006	
PC-17-316	193	470195	crush dup	0.005	
PC-17-316	215.1	470225	crush dup	0.006	
PC-17-311	71	469595	field dup	< 0.005	
PC-17-311	96	469625	field dup	< 0.005	
PC-17-311	120	469655	field dup	< 0.005	

Hole ID	Depth of Hole	Sample No.	QAQC Sample Type	Au (g/t) FA-AA	Au (g/t) FA-GRA
PC-17-311	192.88	469685	field dup	0.005	
PC-17-311	244.5	469715	field dup	0.009	
PC-17-311	272	469745	field dup	0.007	
PC-17-311	301	469775	field dup	0.01	
PC-17-311	330	469805	field dup	0.017	
PC-17-312	58.26	469835	field dup	< 0.005	
PC-17-312	83	469865	field dup	< 0.005	
PC-17-312	120	469895	field dup	< 0.005	
PC-17-312	153	469925	field dup	< 0.005	
PC-17-312	191	469955	field dup	< 0.005	
PC-17-312	217.05	469985	field dup	0.016	
PC-17-312	241.5	470515	field dup	0.014	
PC-17-312	262	470545	field dup	0.009	
PC-17-312	285.5	470575	field dup	0.008	
PC-17-312	311.5	470605	field dup	0.009	
PC-17-313	22.5	470635	field dup	< 0.005	
PC-17-313	65.1	470665	field dup	< 0.005	
PC-17-313	89	470695	field dup	< 0.005	
PC-17-313	113.5	470725	field dup	< 0.005	
PC-17-314	13	470755	field dup	0.005	
PC-17-314	39	470785	field dup	< 0.005	
PC-17-314	67	470815	field dup	< 0.005	
PC-17-314	91	470845	field dup	0.036	
PC-17-314	164.6	470935	field dup	< 0.005	
PC-17-314	185	470965	field dup	0.01	
PC-17-316	48.5	470025	field dup	0.37	
PC-17-316	73.5	470055	field dup	0.023	
PC-17-316	102.4	470085	field dup	0.008	
PC-17-316	125	470115	field dup	0.005	
PC-17-316	155	470145	field dup	0.007	
PC-17-316	177.5	470175	field dup	< 0.005	
PC-17-316	201.5	470205	field dup	0.018	
PC-17-311	75	469600	high std	> 10.0	12.1
PC-17-311	206.35	469690	high std	> 10.0	12.4
PC-17-311	303.8	469780	high std	> 10.0	13.2
PC-17-312	96.85	469870	high std	> 10.0	13.6
PC-17-312	195	469960	high std	> 10.0	12.2
PC-17-312	266	470550	high std	> 10.0	13.1

Hole ID	Depth of Hole	Sample No.	QAQC Sample Type	Au (g/t) FA-AA	Au (g/t) FA-GRA
PC-17-313	37.6	470640	high std	> 10.0	12.7
PC-17-313	116.38	470730	high std	> 10.0	13.4
PC-17-314	70.8	470820	high std	> 10.0	12.5
PC-17-314	144.5	470910	high std	> 10.0	13.4
PC-17-315	33	471000	high std	> 10.0	13.1
PC-17-316	106	470090	high std	> 10.0	10.6
PC-17-316	181	470180	high std	> 10.0	13.4
PC-17-316	204.84	470210	high std	> 10.0	11.6
PC-17-311	123.2	469660	med std	5.52	
PC-17-311	275	469750	med std	5.42	
PC-17-312	62	469840	med std	5.48	
PC-17-312	157.3	469930	med std	5.62	
PC-17-312	244.33	470520	med std	5.51	
PC-17-312	315	470610	med std	5.39	
PC-17-313	92.3	470700	med std	5.4	
PC-17-314	43	470790	med std	5.45	
PC-17-314	121.5	470880	med std	5.56	
PC-17-314	190	470970	med std	5.53	
PC-17-316	74	470060	med std	5.71	
PC-17-316	159	470150	med std	5.51	
PC-17-311	99.5	469630	low std	0.995	
PC-17-311	255.5	469720	low std	1.03	
PC-17-311	333	469810	low std	0.975	
PC-17-312	124	469900	low std	1.01	
PC-17-312	221.5	469990	low std	0.976	
PC-17-312	289.5	470580	low std	0.966	
PC-17-313	68.6	470670	low std	0.976	
PC-17-314	17	470760	low std	0.967	
PC-17-314	94	470850	low std	0.992	
PC-17-314	168	470940	low std	0.998	
PC-17-316	52	470030	low std	0.935	
PC-17-316	129.5	470120	low std	1.01	

11.2 Diamond Drilling

Table 7 gives a detailed list of the targeted zones and significant intercepts achieved for the 6 drill holes of the current program. The highest Au concentration measured from this drill program was found in hole PC-17-314, within a shear zone.

Table 7 - Detailed List of Zones and Significant Intercepts.

Hole	Area	Description	From (m)	To (m)	Width (m)	Au (ppm)
PC-17-311	West Core Mine Ext	Zone, sericite alt. tr diss py	293.00	295.00	2.00	0.34
		Zone, silicification, tr diss py	301.75	302.26	0.51	0.60
PC-17-312	West Core Mine Ext	Zone, Vein	160.00	160.50	0.50	0.80
PC-17-313	West Core Mine Ext	Zone, Vein	104.00	105.00	1.00	0.32
PC-17-314	West Core Mine Ext	Zone, sericite alt. tr diss py	92.50	93.00	0.50	0.72
		Shear Zone	98.20	99.00	0.80	2.38
		Zone, Veining in Felsic Intrusive	128.00	137.00	9.00	0.14
		Including	136.00	137.00	1.00	0.34
PC-17-315*	West Core Mine Ext	Zone Veining	31.00	37.51	6.51	0.12
		Including	31.00	32.00	1.00	0.34
PC-17-316	West Core Mine Ext	Zone Veining	48.50	57.00	8.50	0.18
		Including	55.25	56.00	0.75	1.18
		Zone, Vein	204.84	205.50	0.66	1.10

*Hole abandoned after 33 m due to deviation.

11.3 Individual Diamond Drill Hole Summaries

Drill sections for individual diamond drill holes are located in Appendix III.

Hole PC-17-311

The hole was setup to test the continuity of a mineralized quartz vein zone between historical holes 698-1 and 696-1. Lithology started with Pickle Crow porphyry containing trace fine-grained pyrite localized to small veins and fracture fills, a 1.36 m wide (not true width) quartz vein with albite, tourmaline, carbonate and chlorite, grading into a lower section of clastic metasediments with disseminated pyrite in bedding planes, intercalated mafic flows and metasediments with several occurrences of quartz veining with trace pyrite and pyrrhotite. The hole ended in pillowed mafic flows, with fine-grained disseminated pyrite. The only significant intervals returned were 2 m of 0.34 g/t Au and 0.5 m of 0.6 g/t

Au, both intervals occurring within units described as intercalated mafic flows and clastic metasediments.

Hole PC-17-312

The hole was a 25 m step-out from hole PC-17-311, still testing the continuity of a mineralized quartz vein between historical holes 698-1 and 696-1 but at a steeper dip. Lithology is mainly the Pickle Crow porphyry with little to no mineralization, however quartz veins were found throughout. Mafic metavolcanics and clastic meta-sediments are found further down hole with trace fine- to medium-grained pyrite, which can be blebby in places. The only significant interval returned was 0.5 m of 0.80 g/t Au, from an interval within the Pickle Crow Porphyry unit.

Hole PC-17-313

This hole targeted a high grade quartz vein hosted in mafic volcanics, estimated to be near the 65 m mark. It reached 132 m in total length. The lithology consisted of mafic volcanics and Pickle Lake Porphyry at the top, grading into massive mafic flows with regular quartz veining, and pillowed mafic flows also with quartz veins. Very trace amounts of pyrite are observed throughout, with a small occurrence of pyrrhotite and chalcopyrite. The only significant interval returned was 1 m of 0.32 g/t Au, within a massive mafic flow unit.

Hole PC-17-314

This hole was targeted to undercut a shear zone which hosts Au-bearing mineralization in historical drill hole 675-1. The hole was drilled to 201 m total and was mostly massive mafic volcanics with intermittent quartz veins throughout and two occurrences of Pickle Lake Porphyry. Up to 2% pyrite is found disseminated throughout the hole, mostly within the mafic volcanics, occurring as blebby grains or within discrete quartz stringers. The significant intervals returned include 0.5 m of 0.72 g/t Au, 0.8 m of 2.38 g/t Au, and 9 m of 0.14 g/t Au (including a nested interval of 1 m at 0.34 g/t Au).

Hole PC-17-315

This hole targeted a shear zone with irregular quartz stringers that had intersected historic hole 686-1, and reached a total of 36 m. The target was intersected at around 25 m depth, and the lithology of the hole included massive mafic flow with a shear/fault zone, quartz feldspar porphyry, and ended in massive mafic flow. The hole was ended due to deviation from the intended drill direction. Pyrite was observed throughout the hole, only at 0.10.2% and disseminated. The significant intervals returned include 6.5 m of 0.12 g/t Au, including a 1 m nested interval of 0.34 g/t Au.

Hole PC-17-316

This hole targeted the same shear zone as PC-17-315, stepped-out by 3 m. A total of 219 m was drilled in this hole and the target was intersected at around 201 m depth. The lithology of the hole includes massive and pillowed mafic flows with Pickle Lake Porphyry occurring in two discrete layers. Quartz, quartz-carbonate, and carbonate-dominant veins occur throughout the hole, containing variable

amounts of sulfides such as disseminated pyrite and pyrrhotite. A unit of massive mafic flow contains 15% pyrrhotite locally within small quartz stringers, and chalcopyrite occurs as well. The significant intervals returned include 8.5 m of 0.18 g/t Au, including a 0.75 m nested interval of 1.18 g/t Au, and another 0.66 m of 1.10 g/t Au.

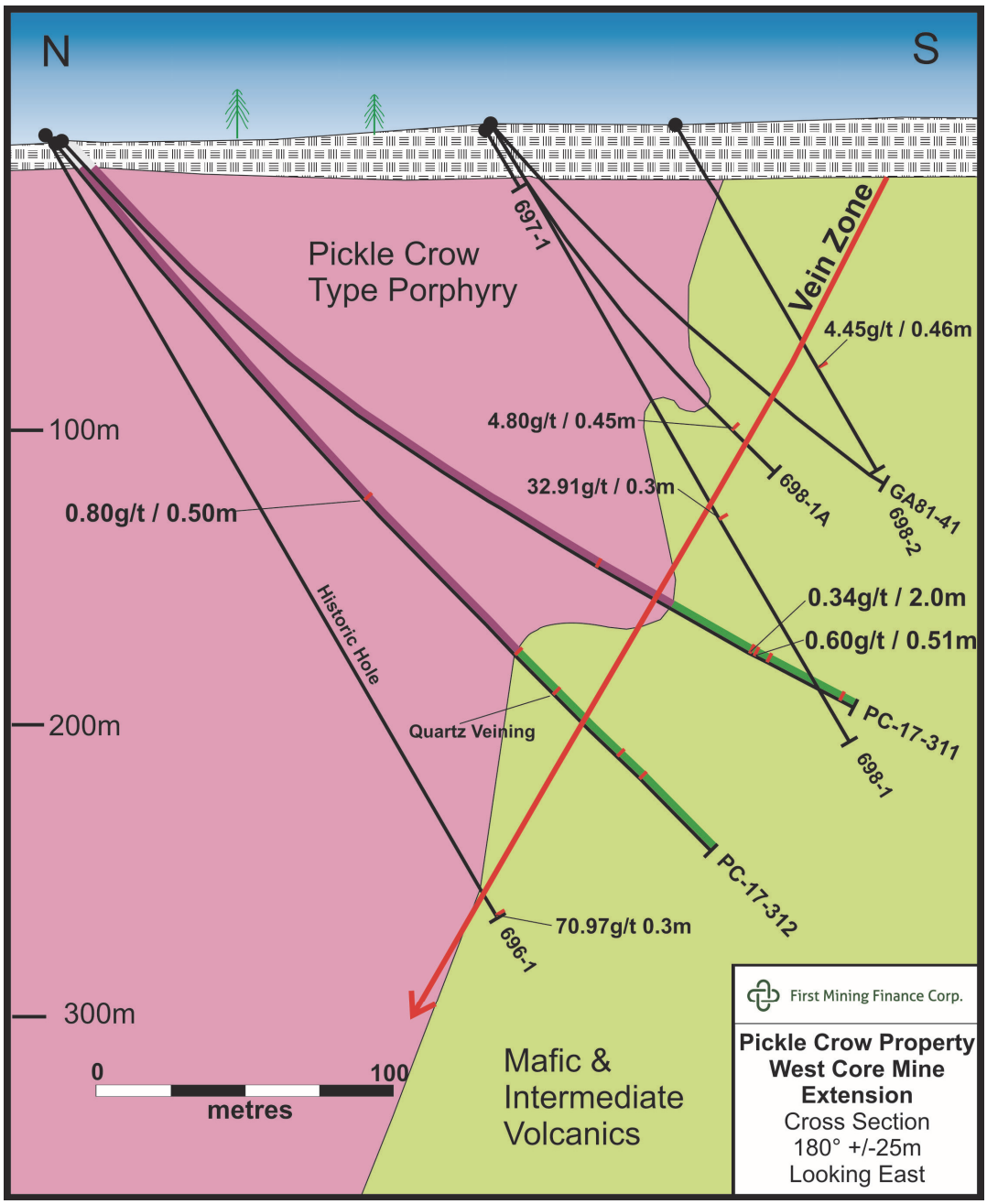

Figure 7 - Hole location for PC-17-311 and -312 in relation to interpreted geology and locations of historic drill holes.

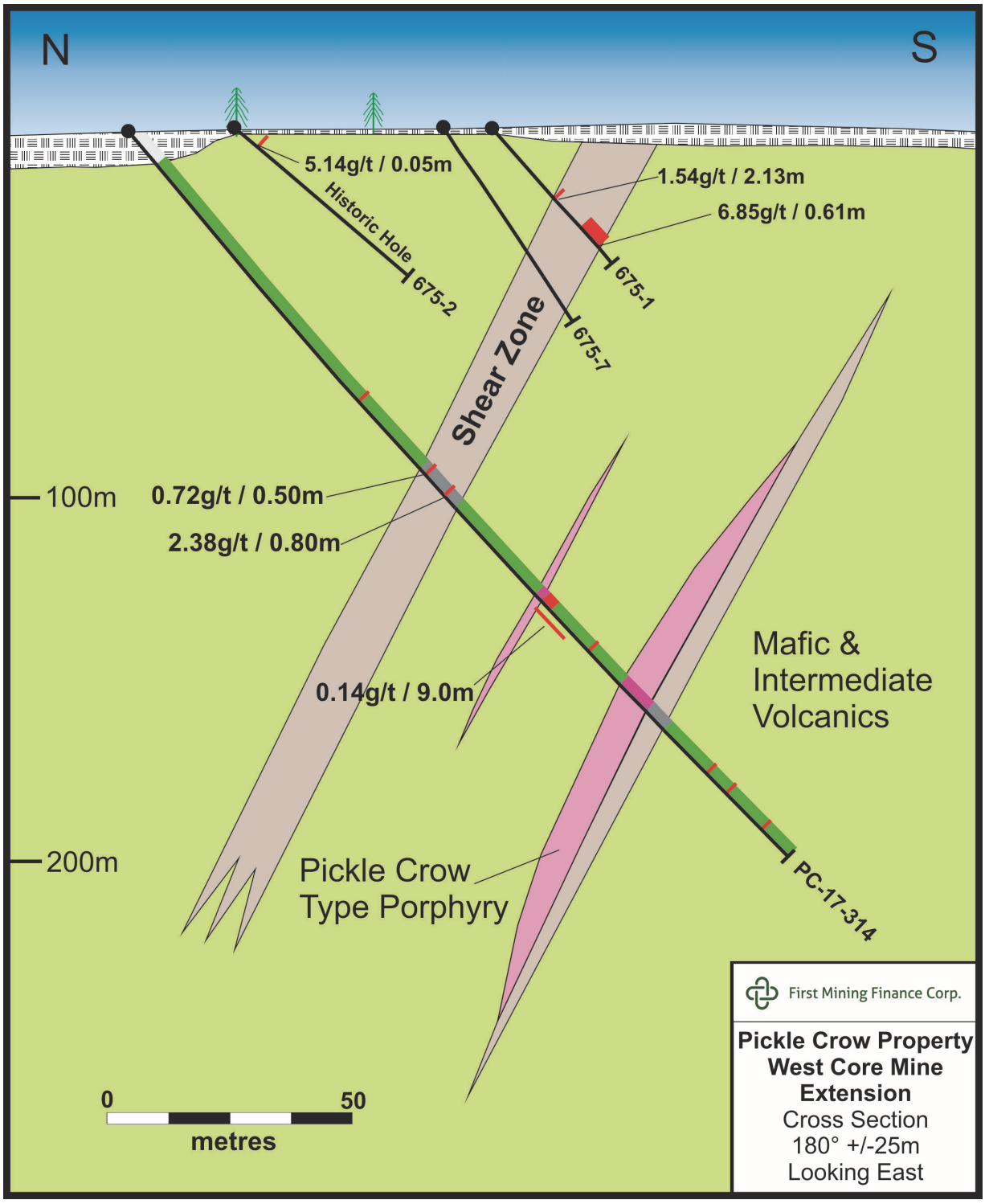

Figure 8 - Hole PC-17-314 in relation to known mineralization within historic holes and interpreted geology.

12 Interpretations and Conclusions

The primary focus of the 2017 drilling program was to test the potential western extension of the Core Mine Trend. The Core Mine Trend has traditionally ended after the Springer Shaft, its extension has been interpreted by the author to bend to the north along the northern contact of the Hooker Stock. This interpretation was supported by the presence of an east-west trend comprising several narrow, high grade historic intercepts from drilling done in the 1950's by Pickle Crow Gold Mines. This interpretation was further supported by the presence of Pickle Crow type porphyry which is the only other occurrence of this unit other than in the Shaft 3 area where it is host to the No. 2 vein; the second most productive vein in the Core Mine Trend.

Gallant Gold Mines did some limited follow-up drilling of some of these 1950's era holes in the 1980's, however they did not reproduce the original assay results. Aside from this small program, the 1950's era holes have never been followed-up, largely due to the area being completely bog covered and only accessible during winter or by helicopter. Fladgate attempted to locate the 1950's and 1980's drill holes in 2014 however no casings were found. Many of the 1980's pads were located and some evidence of select 1950's pads was also found, which aided in georeferencing the historic drill plan maps.

The 2017 drill program intersected the same geology as the 1950's era drilling, which suggests that the 2017 holes were spotted in the correct location. However, they did not reproduce the narrow high grade intercepts. The reasons these results were not reproduced remains unresolved. It may simply be due to the "nuggety" nature of the gold mineralization, or there may have been errors in the reported values in the original 1950's logs. The 2017 drilling did intersect significant alteration, shearing and veining typically associated with Pickle Crow type high-grades veins.

13 Recommendations

The most significant results of the 2017 program were returned by hole PC-17-314, which intersected 2.38 g/t Au over 0.80 m within a wide shear zone that corresponds to other narrow intercepts from 1950's era drilling (i.e. 6.85 g/t Au over 0.61 m in hole 675-1). The historic drill intercept was also hosted within a broad shear zone. This shear zone is well-developed and appears to have some extent and may represent a new mineralized structure in this part of the property. As very little drilling has been done in this area, additional step-out drilling is recommended to further test this structure and define its strike.

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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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.
Chamale, C.	2016a	Technical Report for MNDM Assessment Purposes, PC Gold – Pickle Crow Property, 2012 Drilling Program. MNDM Assessment Files.
Chamale, C.	2016b	Technical Report for MNDM Assessment Purposes, PC Gold – Pickle Crow Property, 2016 Drilling Program. MNDM Assessment Files.

15 Date

This report was completed June 13, 2017.

16 Statement of Qualifications

I, Neil T. Pettigrew, of the City of Thunder Bay, in the Province of Ontario, hereby certify:

- I am a Vice President 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 with 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 assessment report that is not reflected in the assessment report, the omission of which makes the report misleading;
- I am the Author of the report entitled: "Technical Report for MNDM Purposes: First Mining Finance Corporation, Pickle Crow Property, 2017 Drilling Program" dated June 2017. I worked on and supervised the work program reported herein. I have been involved with exploration on behalf of PC Gold Inc. since May , 2008.

Dated in Thunder Bay, Ontario this 13rd day of June, 2017.

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

Appendix I – Diamond Drill Hole Logs

DRILL HOLE REPORT

Hole Number **PC-17-311** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

Drilling

Azimuth:	180
Dip:	-47
Length:	336
Started:	13-Feb-17
Completed:	16-Feb-17
Logged:	16-Feb-17

Casing

Length:	15
Pulled:	no
Capped:	yes
Cemented:	no

Core

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

Location

Township:	CONNELL
Claim No.:	PA696
NTS:	052O/08
Hole:	SURFACE

Other

Logged by:	Jesse Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Jesse Koroscil
Surveyed:	yes
Surveyed by:	Steve Greiner
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Comment: drilling between two historical intersects

Coordinate - Gemcom

East:	700241.44
North:	5709083.33
Elev.:	343.61

Coordinate - UTM

East:	700241.44
North:	5709083.33
Elev.:	343.61
Zone:	15
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-47.00	C	☑	
24.00	176.40	-47.20	EZ	☑	57580
75.00	173.80	-42.70	EZ	☑	57236
126.00	174.50	-36.60	EZ	☑	56954
177.00	179.60	-32.30	EZ	☑	57166
228.00	180.70	-30.90	EZ	☑	57073
279.00	179.30	-29.10	EZ	☑	60470 - little high?
336.00	184.10	-27.00	EZ	☑	56870

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-17-311** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	14.50	**15** ***Overburden (Unsubdivided)***					
14.50	75.30	**8da** ***Pickle Crow Porphyry***	469594	71.00	72.00	1.00	0.003
			469596	72.00	73.00	1.00	0.003
			469597	73.00	74.00	1.00	0.003
			469598	74.00	75.00	1.00	0.003
			469577	43.00	44.00	1.00	0.003
			469578	44.00	44.50	0.50	0.003
			469579	44.50	45.00	0.50	0.003
			469581	45.00	45.50	0.50	0.003
			469582	45.50	46.00	0.50	0.003
			469583	46.00	46.50	0.50	0.003
			469584	46.50	47.00	0.50	0.003
			469586	47.00	48.00	1.00	0.003
			469587	48.00	49.00	1.00	0.036
			469588	49.00	50.00	1.00	0.003
			469589	50.00	51.00	1.00	0.003
			469590	51.00	52.00	1.00	0.003
			469591	52.00	53.00	1.00	0.003
			469592	69.00	70.00	1.00	0.003
			469593	70.00	71.00	1.00	0.003

light green/yellow to dark green quartz feldspar porphyry. dark grey quartz eyes (up to 4mm) in variable amounts (20-30%). Groundmass is light green, has mod schistose foliation at 40 TCA and pervasively altered by sericite and patchy chlorite. patchy silicification and chlorite alt. hematite-ankerite? Localized to small shears and rouble zones.mineralization (trace Py) is generally found proximal to deformed quartz feldspar veining.

Alteration Maj:	Type/Style/Intensity	Comment
14.50 - 20.40	Ser P M	
14.50 - 20.40	CHL PCH W	
14.50 - 20.40	Sil P W	
20.40 - 23.00	Ank PCH W	
20.40 - 23.00	CHL PCH W	
20.40 - 23.00	Ser P M	
20.40 - 23.00	HE PCH W	
23.00 - 28.85	Sil P W	
23.00 - 28.85	CHL PCH W	
23.00 - 28.85	Ser P M	
28.85 - 29.50	Ank PCH W	moderate reaction to 10% HCL when powdered, rusty red appearance, patchy with occasional carbonate veinlets
28.85 - 29.50	Ser P M	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
	29.50 - 31.50	CHL PCH W					
	29.50 - 31.50	Ser P M					
	29.50 - 31.50	Sil P W					
	31.50 - 36.00	HE PCH W					
	31.50 - 36.00	Sil PCH W					
	31.50 - 36.00	Ser P M					
	31.50 - 36.00	Ank PCH W					
	31.50 - 36.00	CHL PCH W					
	36.00 - 44.15	CHL P W					
	36.00 - 44.15	Ank PCH W					
	36.00 - 44.15	HE PCH W					
	36.00 - 44.15	Sil P W					
	36.00 - 44.15	Ser P M					
	44.15 - 51.50	Ser P M					
	44.15 - 51.50	CHL P M					
	44.15 - 51.50	Ank PCH W					
	51.50 - 60.00	Ser P M					
	51.50 - 60.00	Sil P W					
	51.50 - 60.00	Ank F M					
	60.00 - 63.10	CHL P M					
	60.00 - 63.10	Ank F W					
	60.00 - 63.10	HE PCH M					
	60.00 - 63.10	Ser P W					
	63.10 - 70.20	Ser P M					
	63.10 - 70.20	Sil P W					

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		63.10 - 70.20	HE F W						
		63.10 - 70.20	Carb FF W						
		70.20 - 75.30	CHL P M						
		70.20 - 75.30	Ank P W	pervasive alt to small deformed grains in groundmass and as small veinlets and ribbons					
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***					
		14.50 - 75.30	PY TR 0.1	fine grained, often found in small quartz-feldspar and quartz veins neaer the margins or in contact with chl/tourmaline whisps					
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		14.50 - 32.10	FOL 40						
		32.10 - 36.00	S						
		32.10 - 36.00	DSK						
		32.10 - 36.00	FLT	small amounts of clay or fault gouge present, close to surface and may just be weathering					
		32.10 - 36.00	BC 55	possible fault zone with a lot of broken core often along foliation, roubled core at 33m					
		36.00 - 44.10	S						
		36.00 - 44.10	FOL 40	tightly spaced schistose foliation defined by sericite+-chlorite ribbons					
		44.10 - 47.00	S						
		44.10 - 47.00	DSK	along fol					
		44.10 - 47.00	VN 55	zone of disking and multiple quartz veins of diff gen, smaller smokey grey clean quartz and larger, deformed, quartz feldspar veins					
		47.00 - 75.30	S 50						
		47.00 - 75.30	FOL 50						
		Texture Maj:	***Type***	***Comment***					
		14.50 - 75.30	FG						
		14.50 - 75.30	PORPH						

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
75.30	84.00	**11c** ***Fault zone (gouge, lost core)***	469599	75.00	76.00	1.00	0.003
			469601	76.00	77.00	1.00	0.003
			469602	77.00	78.00	1.00	0.003
			469603	78.00	79.00	1.00	0.003
			469604	79.00	80.00	1.00	0.003
			469605	80.00	81.00	1.00	0.003
			469606	81.00	82.00	1.00	0.003
			469607	82.00	83.00	1.00	0.003
			469608	83.00	84.00	1.00	0.003

fault zone? Within pickle porphyry. Core is broken with rubbled soft sections with clays. Core is greenish and pink with fractures highlighted by hem alt. patchy ankerite and chlorite alteration. Nonmineralized and nonmagnetic.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
75.30 - 84.00	CHL P M	alt in foliated groundmass, gives core darker color in areas
75.30 - 84.00	Carb PCH W	similar to hem alt, vigorous reaction to 10% HCL in rubbled zones with clays, appears in veinlets as rusty colored - ankerite?
75.30 - 84.00	HE PCH M	alters along fractures with chlorite and rubbled zones.
75.30 - 84.00	Ser P M	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
75.30 - 84.00	PY DIS 0.01	trace

Structure Maj.:	***Type/Core Angle***	***Comment***
75.30 - 84.00	G	patchy
75.30 - 84.00	F 50	

Texture Maj:	***Type***	***Comment***
75.30 - 84.00	FLT	patchy, rubbled and altered schistose foliation in porphyry

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From (m)	To (m)	Lithology
84.00	192.85	**8da** ***Pickle Crow Porphyry***

light mottled green and white with darker green patches with increased chl alt, quartz feldspar porphyry, elongate dark grey quartz eyes 2-3mm, pervasive moderate sericite alt with patchy silica alt, patchy and variable weak-mod chlorite alt to groundmass. Schistose tightly spaced foliation at around 55 TCA. Core has several smaller (<1cm) planar and deformed fg quartz-albite / quartz tourmaline veins in parallel with fol. Trace fg Py in small planar veinnlets and fracture fills. Nonmagnetic. Subinterval - 117.5-117.75 strongly deformed/folded quartz vein with strong sericite and chlorite at margins. 101.51-101.75 foliated mafic dyke, 0.5% Py disseminated throughout and at contacts

Alteration Maj:	*Type/Style/Intensity*	*Comment*
84.00 - 192.85	CHL PCH M	
84.00 - 192.85	Sil PCH W	
84.00 - 192.85	Ser P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
84.00 - 146.00	PY DIS 0.01	trace fg py, localized to small veins and fracture fills

Structure Maj.:	*Type/Core Angle*	*Comment*
84.00 - 85.00	FOL 50	
85.00 - 126.00	FOL 50	
126.00 - 192.85	FOL 55	

Texture Maj:	*Type*	*Comment*
84.00 - 192.85	HOMO	
84.00 - 192.85	PORPH	

Sample #	From	To	Length	Au (g/t)
469609	84.00	85.00	1.00	0.003
469611	85.00	86.00	1.00	0.003
469612	86.00	87.00	1.00	0.003
469613	87.00	88.00	1.00	0.003
469614	88.00	89.00	1.00	0.007
469616	89.00	90.00	1.00	0.003
469617	90.00	91.00	1.00	0.003
469618	91.00	92.00	1.00	0.003
469619	92.00	92.50	0.50	0.003
469620	92.50	93.50	1.00	0.003
469621	93.50	94.00	0.50	0.003
469622	94.00	95.00	1.00	0.003
469623	95.00	96.00	1.00	0.003
469624	96.00	97.00	1.00	0.003
469626	97.00	97.50	0.50	0.003
469627	97.50	98.50	1.00	0.003
469628	98.50	99.50	1.00	0.003
469629	99.50	100.50	1.00	0.003
469631	100.50	101.50	1.00	0.003
469632	101.50	102.00	0.50	0.003
469633	102.00	103.00	1.00	0.003
469634	103.00	104.00	1.00	0.003
469635	104.00	105.00	1.00	0.003
469636	105.00	106.00	1.00	0.003
469637	106.00	107.00	1.00	0.003
469638	107.00	108.00	1.00	0.003
469639	108.00	109.00	1.00	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469641	109.00	110.00	1.00	0.003
			469642	110.00	111.00	1.00	0.003
			469643	111.00	112.00	1.00	0.003
			469644	112.00	113.00	1.00	0.003
			469646	113.00	114.00	1.00	0.003
			469647	114.00	115.00	1.00	0.003
			469648	115.00	116.00	1.00	0.003
			469649	116.00	116.50	0.50	0.003
			469650	116.50	117.50	1.00	0.003
			469651	117.50	118.00	0.50	0.003
			469652	118.00	119.00	1.00	0.003
			469653	119.00	120.00	1.00	0.003
			469654	120.00	121.00	1.00	0.003
			469656	121.00	122.00	1.00	0.003
			469657	122.00	122.72	0.72	0.003
			469658	122.72	123.20	0.48	0.003
			469659	123.20	123.90	0.70	0.003
			469661	123.90	124.50	0.60	0.003
			469662	124.50	125.50	1.00	0.003
			469663	125.50	126.50	1.00	0.003
			469664	126.50	127.00	0.50	0.003
			469665	127.00	127.50	0.50	0.003
			469666	127.50	128.20	0.70	0.003
			469667	128.20	129.00	0.80	0.003
			469668	129.00	130.00	1.00	0.003
			469669	135.00	136.00	1.00	0.003
			469671	136.00	137.00	1.00	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469672	137.00	137.50	0.50	0.003
			469673	137.50	138.50	1.00	0.003
			469674	148.00	149.00	1.00	0.003
			469676	149.00	150.00	1.00	0.003
			469677	150.00	151.00	1.00	0.003
			469678	151.00	152.00	1.00	0.003
			469679	188.50	189.50	1.00	0.003
			469680	189.50	190.50	1.00	0.003
			469681	190.50	191.00	0.50	0.003
			469682	191.00	192.00	1.00	0.003
			469683	192.00	192.88	0.88	0.003
192.85	197.40	**13a** ***Lamprophyre Dyke***	469684	192.88	194.00	1.12	0.003
		dark brown-grey, mg-cg, massive biotite lamprophyre, roughly planar contacts are both at around 50TCA.					
197.40	224.45	**8da** ***Pickle Crow Porphyry***	469686	204.00	205.00	1.00	0.003
		same description as previous for pickle porphyry	469687	205.00	205.85	0.85	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469688	205.85	206.35	0.50	0.003
		197.40 - 216.00 Carb F W	469689	206.35	207.00	0.65	0.003
		197.40 - 216.00 CHL PCH W	469691	207.00	208.00	1.00	0.003
		197.40 - 216.00 Qtz PCH W	469692	208.00	209.00	1.00	0.003
		197.40 - 216.00 Ser P M slightly variable	469693	209.00	210.00	1.00	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	469694	210.00	211.00	1.00	0.003
		197.40 - 216.00 PY BL 0.01 trace fg py often localized to veining					

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

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

197.40 - 216.00 FOL 35 slightly variable, weak to mod foliation, often identified by alignment of chl

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

197.40 - 216.00 HOMO

197.40 - 216.00 PORPH

224.45 225.35 **3a** ***Massive Intermediate flows (unsubdiv***

light grey fg weakly foliated int dyke. Strong sericite alt localized to banding at contacts with porphyry, pervassive carbonate alt with visible fg flecks of carbonate. Py is fg-mg, diss and localized to small carbonate stringers.

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

224.45 - 225.35 Ser B M

224.45 - 225.35 Carb P M

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

224.45 - 225.35 PY DIS 0.1

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

224.45 - 225.35 FOL 50

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

224.45 - 225.35 EQUI

224.45 - 225.35 FG

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
225.35	235.04	**8da** ***Pickle Crow Porphyry***	469695	229.50	230.50	1.00	0.003
		light green with dark green patches, mod foliated at 50 TCA quartz feldspar porphyry. color depends on varying degrees of ser and chl alt to gm. Patchy mod silicification. Quartz eyes around <4mm.nonmagnetic with trace 0.1% fg Py often localized to small veinlets and stringers. M230.71-230.8 broken milky quartz chlorite vein	469696	230.50	231.00	0.50	0.003
			469697	231.00	232.00	1.00	0.003
			469698	232.00	233.50	1.50	0.003
			469699	233.50	235.00	1.50	0.003
235.04	236.40	**12a** ***Quartz vein (unsubdivided)***	469701	235.00	236.00	1.00	0.003
		mixed unit dominated by quartz veining and quartz blebs(60%). Dominantly milky quartz/quartz albite tourmaline with minor carbonate and chlorite. FG Py (0.1%) often localized to chl and tourmaline whisps and alt fragments of host.	469702	236.00	236.50	0.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		235.04 - 236.40 CHL PCH W to xenos of host					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		235.04 - 236.40 PY BL 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		235.04 - 236.40 VN					
		Texture Maj: ***Type*** ***Comment***					
		235.04 - 236.40 CG					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
236.40	263.95	**8da** ***Pickle Crow Porphyry***	469731	263.45	263.95	0.50	0.003
		same as previous description for pickle porphyry	469703	236.50	237.50	1.00	0.003
			469704	237.50	238.00	0.50	0.003
			469706	238.00	239.00	1.00	0.003
			469707	239.00	240.00	1.00	0.003
			469708	240.00	240.75	0.75	0.003
			469709	240.75	241.14	0.39	0.003
			469710	241.14	242.00	0.86	0.003
			469711	242.00	243.00	1.00	0.007
			469712	243.00	243.50	0.50	0.003
			469713	243.50	244.50	1.00	0.025
			469714	244.50	245.50	1.00	0.010
			469716	253.00	254.00	1.00	0.003
			469717	254.00	255.00	1.00	0.156
			469718	255.00	255.50	0.50	0.005
			469719	255.50	256.50	1.00	0.003
			469721	256.50	258.00	1.50	0.003
			469722	258.00	258.55	0.55	0.003
			469723	258.55	259.30	0.75	0.003
			469724	259.30	260.30	1.00	0.038
			469725	260.30	260.80	0.50	0.003
			469726	260.80	261.30	0.50	0.003
			469727	261.30	261.80	0.50	0.006
			469728	261.80	262.80	1.00	0.009
			469729	262.80	263.45	0.65	0.003

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From (m)	To (m)	Lithology
263.95	294.00	**5** ***Clastic Metasedimentary Rocks (Uns***

unit is composed of dark gery argilliceous siltstone-grey green siltstone and light green fg sandstone with small intervals of mafic flows, all fairly soft with scribe. Laminated dark grey and beige mm scale bedding shows evidence of soft sed defomration with wavy and lenticular and bedding in places. Fg-mg diss Py, sometimes sorming small beds (1%). Nonmagnetic

Alteration Maj:	***Type/Style/Intensity***	***Comment***
263.95 - 273.77	Ser PCH W	seems to prefer silty beds
263.95 - 273.77	CHL PCH W	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
263.95 - 273.77	PY ws 1	forms thin py beds locally
263.95 - 273.77	PY DIS 1	

Structure Maj.:	***Type/Core Angle***	***Comment***
263.95 - 273.77	LAM 50	varies from 50 to 80 in laminated silt and argiliceous silt

Texture Maj:	***Type***	***Comment***
263.95 - 273.77	FG	

Sample #	From	To	Length	Au (g/t)
469732	263.95	264.50	0.55	0.010
469733	264.50	265.00	0.50	0.003
469734	265.00	266.00	1.00	0.013
469736	266.00	267.00	1.00	0.016
469737	267.00	268.00	1.00	0.006
469738	268.00	268.50	0.50	0.020
469739	268.50	269.00	0.50	0.052
469740	269.00	269.62	0.62	0.036
469741	269.62	270.60	0.98	0.013
469742	270.60	271.50	0.90	0.010
469743	271.50	272.00	0.50	0.016
469744	272.00	273.00	1.00	0.006
469746	273.00	273.60	0.60	0.010
469747	273.60	274.10	0.50	0.047
469748	274.10	275.00	0.90	0.033
469749	275.00	276.00	1.00	0.009
469751	276.00	277.50	1.50	0.003
469752	277.50	279.00	1.50	0.003
469753	279.00	280.00	1.00	0.008
469754	280.00	280.50	0.50	0.026
469755	280.50	281.50	1.00	0.012
469756	287.00	288.00	1.00	0.003
469757	288.00	289.00	1.00	0.003
469758	289.00	290.00	1.00	0.005
469759	290.00	291.00	1.00	0.005
469761	291.00	292.00	1.00	0.003
469762	292.00	293.00	1.00	0.011

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469763	293.00	294.00	1.00	0.336
294.00	295.69	**2d** ***Intercalated mafic flows and clastic m***	469764	294.00	295.00	1.00	0.098
		light grey with light green yellow patches, fg, patchy remnant laminated siltstone and clays (mm scale) bedding, patches cooked up and bleached/alt, patchy weak chlorite. Diss mg euhedral Py (1%) occassionaly bedded. Nonmagnetic. Bedding at 70TCA	469766	295.00	295.50	0.50	0.011
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		294.00 - 295.69 BL PCH W					
		294.00 - 295.69 Qtz PCH M					
		294.00 - 295.69 Ser PCH WM					
		294.00 - 295.69 EP PCH W					
		294.00 - 295.69 CHL PCH W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		294.00 - 295.69 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		294.00 - 295.69 LAM					
		Texture Maj: ***Type*** ***Comment***					
		294.00 - 295.69 FG					
295.69	295.88	**12a** ***Quartz vein (unsubdivided)***	469767	295.50	296.00	0.50	0.034
		light grey and beige quartz albite vein with strong sericite alt. minor carbonate with trace tourmaline in small interstitial stringers, contacts around 80 TCA, nonmineralized and nonmagnetic					
295.88	297.00	**2d** ***Intercalated mafic flows and clastic m***	469768	296.00	296.88	0.88	0.018
		same as previous description, small piece of seds/mafic between major quartz flooding and veining zone					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
297.00	298.30	**12a** ***Quartz vein (unsubdivided)***	469769	296.88	297.81	0.93	0.066
			469770	297.81	298.33	0.52	0.070

white, beige and yellowish massive quartz albite vein and quartz flooding zone. Strong sericite alt to frags of siltstone between quartz, lower portion of vein has increased stringers of chl and tourmaline. Fg diss Py throughout (1%) with blebby interstitial Po(1%). Lower contact is irregular with stronger whispy ser-chl alt.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
297.00 - 298.30	CHL PCH W	
297.00 - 298.30	Ser P MS	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
297.00 - 298.30	PO BL 1	
297.00 - 298.30	PY DIS 1	

Structure Maj.:	***Type/Core Angle***	***Comment***
297.00 - 298.30	VN	

Texture Maj:	***Type***	***Comment***
297.00 - 298.30	MASS	

298.30	302.02	**2d** ***Intercalated mafic flows and clastic m***	469771	298.33	299.30	0.97	0.026
			469772	299.30	300.30	1.00	0.059
			469773	300.30	301.00	0.70	0.005
			469774	301.00	301.75	0.75	0.009
			469776	301.75	302.26	0.51	0.298

same as previous description, light grey, patchy silicification and banded or local mod-strong ser alt, few small broken cherty clasts

Alteration Maj:	***Type/Style/Intensity***	***Comment***
298.30 - 302.02	Sil PCH M	
298.30 - 302.02	Ser PCH MS	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
298.30 - 302.78	PY DIS 1	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		298.30 - 302.78 LAM					
		Texture Maj: ***Type*** ***Comment***					
		298.30 - 302.78 FG					
302.02	302.78	**12a** ***Quartz vein (unsubdivided)***	469777	302.26	302.80	0.54	0.021
		white and beige, quartz albite vein with minor carbonate, minor stringers of tourmaline, small xeno of ser alt laminated siltstone, trace 0.1 fg Py with lesser Po					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		302.02 - 302.78 CHL PCH W					
		302.02 - 302.78 Ser PCH M					
		302.02 - 302.78 Alb P S					
302.78	309.13	**2d** ***Intercalated mafic flows and clastic m***	469778	302.80	303.80	1.00	0.008
		dark grey argillitic siltstone? Diss. Fg euhedral dis Py .2%. Few quartz and quartz carbonate veins/stringers. Two small (,3cm) milky quartz veins. Sharp lower contact at 60 TCA	469779	303.80	304.80	1.00	0.005
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469781	304.80	305.50	0.70	0.003
		302.78 - 309.13 CHL PCH W	469782	305.50	306.00	0.50	0.003
			469783	306.00	307.50	1.50	0.025
			469784	307.50	309.00	1.50	0.003

Hole Number **PC-17-311** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology
309.13	330.42	**2b** ***Pillowed mafic flows (Unsubdivided)***

dark green pillowed flow with light green chl-ep alt pillow salvages. Interval is weakly fractured with small quartz stringers filling fractures forming stockwork locally, and pillow salvages? FG dis Py (0.5%), nonmagnetic

Alteration Maj:	*Type/Style/Intensity*	*Comment*
309.13 - 330.42	Fu F W	in pillow salvages?
309.13 - 330.42	Carb FF W	
309.13 - 330.42	Sil PCH W	
309.13 - 330.42	Ser PCH W	
309.13 - 330.42	CHL P WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
309.13 - 330.42	PY DIS 1	

Structure Maj.:	*Type/Core Angle*	*Comment*
309.13 - 330.42	F	locally

Texture Maj:	*Type*	*Comment*
309.13 - 330.42	P	

Sample #	From	To	Length	Au (g/t)
469785	309.00	310.50	1.50	0.005
469786	310.50	312.00	1.50	0.006
469787	312.00	313.50	1.50	0.003
469788	313.50	315.00	1.50	0.003
469789	315.00	316.00	1.00	0.019
469791	316.00	317.50	1.50	0.003
469792	317.50	319.00	1.50	0.003
469793	319.00	319.50	0.50	0.003
469794	319.50	320.40	0.90	0.011
469796	320.40	321.90	1.50	0.003
469797	321.90	323.00	1.10	0.003
469798	323.00	324.50	1.50	0.003
469799	324.50	325.00	0.50	0.003
469800	325.00	325.50	0.50	0.003
469801	325.50	327.00	1.50	0.003
469802	327.00	328.50	1.50	0.003
469803	328.50	330.00	1.50	0.003
469804	330.00	330.62	0.62	0.007

From (m)	To (m)	Lithology
330.42	330.62	**12a** ***Quartz vein (unsubdivided)***

blebby quartz epidote vein, small needles of tourmaline localized to margins of strong epi alt fragments of host. Diss fg Py(0.1) blebby locally.

Hole Number **PC-17-311** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
330.62	336.00	**2b** ***Pillowed mafic flows (Unsubdivided)***	469806	330.62	331.13	0.51	0.003
		dark grey, fg, weakly brecciated pillowed flow. Diss fg Py (0.2%), veining is fracture fill quartz/quartz calcite. Remnant pillow salvages are now much darker grey, less frequent and more deformed. May have frongly def pillowed flow last couple meters.	469807	331.13	332.10	0.97	0.016
			469808	332.10	333.00	0.90	0.003
			469809	333.00	334.50	1.50	0.014
			469811	334.50	336.00	1.50	0.007

Alteration Maj:	*Type/Style/Intensity*	*Comment*
330.62 - 336.00	Sil PCH W	
330.62 - 336.00	CHL P W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
330.62 - 336.00	PY DIS 0.5	

Structure Maj.:	*Type/Core Angle*	*Comment*
330.62 - 336.00	BX	weak and patchy, seems ductile at bottom of hole

Texture Maj:	*Type*	*Comment*
330.62 - 336.00	P	

DRILL HOLE REPORT

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

Drilling

Azimuth:	180
Dip:	-50
Length:	330
Started:	16-Feb-17
Completed:	20-Feb-17
Logged:	05-Mar-17

Comment:

Casing

Length:	12
Pulled:	no
Capped:	yes
Cemented:	no

Core

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

Location

Township:	CONNELL
Claim No.:	PA696
NTS:	052O/08
Hole:	SURFACE

Coordinate - Gemcom

East:	700216.59
North:	5709084.67
Elev.:	342.61

Coordinate - UTM

East:	700216.59
North:	5709084.67
Elev.:	342.61
Zone:	15
NAD:	NAD83

Other

Logged by:	Jesse Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Jesse Koroscil
Surveyed:	
Surveyed by:	Steve Greiner
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-50.00	C	☑	
24.00	182.00	-50.70	EZ	☑	
75.00	184.30	-49.30	EZ	☑	
126.00	184.50	-48.10	EZ	☑	
177.00	183.00	-46.30	EZ	☑	
243.00	182.50	-45.40	EZ	☑	
294.00	183.50	-44.40	EZ	☑	
330.00	185.00	-44.10	EZ	☑	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	12.00	**15** ***Overburden (Unsubdivided)*** casing					
12.00	55.42	**8da** ***Pickle Crow Porphyry*** light green, mg quartz feldspar porphyry, rounded and elongate quartz eyes up to 4mm length, variable and patchy mod-str sericite and chlorite alt groundmass with patchy weak silicification, mod to mod-str shistose foliation at 30-35 TCA. Weak veining, few planar veinlets following fol. Patchy veining is largely quartz albite +- carbonate (<2cm). Nonmagnetic and no sulphide observed. Subinterval - 36.4- 43.8m, 55.4-58.5 small shear? With irregular quartz veining, dark green, ank alt and stronger chl alt, stronger fol porphyry with deformed quartz veining with chl-tourmaline and ankerite. No sulphides observed and nonmagnetic	469812	12.50	13.00	0.50	0.003
			469813	13.00	14.00	1.00	0.003
			469814	14.00	15.00	1.00	0.003
			469815	35.00	36.00	1.00	0.003
			469816	36.00	37.00	1.00	0.003
			469817	37.00	37.80	0.80	0.003
			469818	37.80	38.33	0.53	0.003
			469819	38.33	39.30	0.97	0.003
			469821	39.30	40.30	1.00	0.047
			469822	40.30	41.33	1.03	0.003
			469823	41.33	42.00	0.67	0.003
			469824	42.00	42.50	0.50	0.003
			469826	42.50	43.50	1.00	0.003
			469827	43.50	45.00	1.50	0.003
			469828	53.00	54.00	1.00	0.003
			469829	54.00	55.31	1.31	0.003
55.42	55.65	**12a** ***Quartz vein (unsubdivided)*** milky cg quartz - quartz albite vein with minor tourmaline in small stringers. No sulphide observed. Weak Pinkish carbonate alt locally, contacts are sharp at 50 TCA.	469830	55.31	55.86	0.55	0.003

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

12.00 - 55.42	Ank PCH WM	
12.00 - 55.42	Sil PCH W	
12.00 - 55.42	Ser P WM	str locally
12.00 - 55.42	CHL P WM	varies locally

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

12.00 - 55.65	DSK 40	localized to possible faulted or small shear, ank alt veined zones
12.00 - 55.65	S 40	

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

55.42 - 55.65	Carb PCH W	

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		55.42 - 55.65 CHL FF W					
		55.42 - 55.65 Alb MO M					
55.65	62.00	**8da** ***Pickle Crow Porphyry***	469831	55.86	56.75	0.89	0.003
		light green, mg, quartz feldspar porphyry with rounded quartz eyes, nonmagnetic and no sulphides observed. Mm scale irregualr tourmaline veinlets, patchy and variable intensity sercicite and chl alt to gm, patchy weak silicification.	469832	56.75	57.70	0.95	0.007
			469833	57.70	58.26	0.56	0.003
			469834	58.26	59.00	0.74	0.003
			469836	59.00	60.00	1.00	0.003
			469837	60.00	61.00	1.00	0.003
			469838	61.00	62.00	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		55.65 - 62.00 Sil PCH W					
		55.65 - 62.00 Ser P WM					
		55.65 - 62.00 CHL P W					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		55.65 - 62.00 FOL 55					
		Texture Maj: ***Type*** ***Comment***					
		55.65 - 62.00 PORPH					
62.00	62.63	**12a** ***Quartz vein (unsubdivided)***	469839	62.00	62.65	0.65	0.003
		light grey-beige and pink, strongly deformed and folded, banded quartz albite and quartzt carbongate (rhodachrosite?). Trace tourmaline stringers. Nonmineralized and nonmagnetic.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		62.00 - 62.63 Carb VN W					
		62.00 - 62.63 Alb VN WM					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		62.00 - 62.63 FD					
62.63	99.75	**8da** ***Pickle Crow Porphyry***	469847	68.50	70.00	1.50	0.003
		same as previous description, patches of stronger chl alt near sheraed and carbonate alt sections with broken def quartz veins. Nonmineralized and nonmagnetic. Tourmaline stringers present near veining and def zones. Subintervals - 64.14-64.4, 71.1-71.6, 74.58-75.15 mg, foliated mafic dyke, mod foliation at 70TCA, contacts are sharp at around 65-75TCA.	469848	70.00	71.00	1.00	0.003
			469849	71.00	72.00	1.00	0.091
			469851	72.00	73.50	1.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469852	73.50	75.00	1.50	0.003
		62.63 - 99.75 Ser P WM chl dominates in most places although sericite is pervasive	469853	75.00	75.50	0.50	0.003
			469854	75.50	76.05	0.55	0.003
		62.63 - 99.75 CHL P WM variable in patches, stronger proximal faulted-sheared areas	469856	76.05	77.00	0.95	0.003
			469857	77.00	78.00	1.00	0.003
			469858	78.00	79.00	1.00	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	469859	79.00	80.00	1.00	0.003
		62.63 - 99.75 FOL 50 variable intensity, schistose, stronger near quartz veins	469860	80.00	81.00	1.00	0.003
			469861	81.00	81.50	0.50	0.003
		Texture Maj: ***Type*** ***Comment***	469862	81.50	82.45	0.95	0.003
		62.63 - 99.75 PORPH	469863	82.45	83.00	0.55	0.003
			469864	83.00	84.00	1.00	0.003
			469866	93.00	94.50	1.50	0.003
			469867	94.50	96.00	1.50	0.003
			469868	96.00	96.85	0.85	0.003
			469869	96.85	97.33	0.48	0.096
			469871	97.33	98.12	0.79	0.003
			469872	98.12	98.75	0.63	0.043
			469873	98.75	99.74	0.99	0.003
			469841	62.65	63.50	0.85	0.003

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469842	63.50	64.75	1.25	0.003
			469843	64.75	65.25	0.50	0.003
			469844	65.25	65.75	0.50	0.003
			469845	65.75	67.00	1.25	0.003
			469846	67.00	68.50	1.50	0.003
99.75	100.13	**12a** ***Quartz vein (unsubdivided)***	469874	99.74	100.22	0.48	0.007
		whitish beige mg-cg quartz-tourmaline vein, tourmaline in small interstitial stringers, blebby and as small <3mm needles, sharp contacts at 50TCA, mg-cg euhedral Py proximal to tourmaline quartz contact areas, nonmagnetic,					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		99.75 - 100.13 CHL PCH W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		99.75 - 100.13 PY MG 0.1 localized to tourmaline quartz contacts					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		99.75 - 100.13 VN					
100.13	108.40	**8da** ***Pickle Crow Porphyry***	469875	100.22	101.20	0.98	0.003
		light to dark green, mg with (<4mm) quartz eyes, schistose mod fol at 55 TCA, weak planar tourmaline veinlets throughout-following fol. Pervasive mod chl alt and sericite in variable amounts (wk to mod) with patchy silicification. Subinterval- 107-107.4 strong sericite alt and increase in fol< small shear? There is a small patch of clay/rubbled/disked zone	469876	101.20	102.20	1.00	0.003
			469877	102.20	103.50	1.30	0.003
			469878	103.50	105.00	1.50	0.003
			469879	105.00	106.50	1.50	0.003
			469881	106.50	107.90	1.40	0.003
			469882	107.90	108.40	0.50	0.003
108.40	109.02	**12a** ***Quartz vein (unsubdivided)***	469883	108.40	109.00	0.60	0.003
		whitish beige, mottled green due to patchy chl/ser alt xenos of host porphyry. shearing at lower contact					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		defined by whispy strong ser/chl alt bands. No sulphides observed					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		108.40 - 109.02 Ser B MS mostly at lower contact					
		108.40 - 109.02 CHL MO W to xenos of porphyry					
		Texture Maj: ***Type*** ***Comment***					
		108.40 - 109.02 HOMO					
109.02	151.75	**8da** ***Pickle Crow Porphyry***	469886	110.00	111.00	1.00	0.003
		same as previous description, fairly homogenous, dark green and light green overall depending on weather sericite-silica alt or chl alt dominates. No sulphides observed. Weak to mod schistose fol at 50 TCA. Small (2cm) quartz veins are few, quartz albite veins with minor tourmaline (<4cm) occur randomly, loosely follow orientation of fol.	469887	111.00	112.50	1.50	0.003
			469888	112.50	114.00	1.50	0.003
			469889	114.00	115.00	1.00	0.003
			469890	115.00	116.00	1.00	0.003
			469891	116.00	117.50	1.50	0.003
			469892	117.50	119.00	1.50	0.003
			469893	119.00	120.00	1.00	0.003
			469894	120.00	121.00	1.00	0.003
			469896	121.00	122.00	1.00	0.003
			469897	122.00	123.00	1.00	0.003
			469898	123.00	124.00	1.00	0.003
			469899	124.00	125.38	1.38	0.003
			469901	125.38	126.40	1.02	0.003
			469902	126.40	126.92	0.52	0.003
			469906	139.00	140.00	1.00	0.003
			469907	140.00	141.00	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		109.02 - 151.75 Sil PCH W					
		109.02 - 151.75 Ser P MS					
		109.02 - 151.75 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		109.02 - 151.75 PY FG 0.1 proximal or within veining					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		109.02 - 151.75 FOL 50 slightly variable but around 50TCA					
		Texture Maj: ***Type*** ***Comment***					
		109.02 - 151.75 PORPH					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469908	141.00	142.00	1.00	0.003
			469909	142.00	143.00	1.00	0.003
			469911	143.00	144.00	1.00	0.003
			469912	144.00	145.00	1.00	0.003
			469913	145.00	146.00	1.00	0.003
			469914	146.00	146.60	0.60	0.003
			469916	146.60	147.10	0.50	0.010
			469917	147.10	148.00	0.90	0.010
			469918	148.00	149.00	1.00	0.003
			469919	149.00	149.50	0.50	0.003
			469920	149.50	150.50	1.00	0.005
			469921	150.50	151.50	1.00	0.003
			469922	151.50	152.00	0.50	0.003
			469884	109.00	110.00	1.00	0.006
			469903	126.92	128.00	1.08	0.003
			469904	128.00	129.00	1.00	0.003
			469905	129.00	130.00	1.00	0.003
151.75	151.90	**12a** ***Quartz vein (unsubdivided)*** irregular smokey quartz and chl vein, irregular contacts roughly at 50TCA, vein is fragmented and deformed. No sulphide observed					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
151.90	168.53	**8da** ***Pickle Crow Porphyry***	469923	152.00	153.00	1.00	0.003
		same as previous. Schistose Foliation and chl alt increase towards contact with fol mafic dyke. Few small milky quartz veins <3cm, one mineralized with cg euhedral Py at 164.45	469924	153.00	154.50	1.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469926	154.50	155.50	1.00	0.003
		151.90 - 168.53 Sil PCH W follows areas of strongest sericite alt	469927	155.50	156.50	1.00	0.003
		151.90 - 168.53 CHL P WM patchy increase in %	469928	156.50	157.30	0.80	0.003
		151.90 - 168.53 Ser P WM	469929	157.30	158.80	1.50	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	469931	158.80	160.00	1.20	0.003
		151.90 - 168.53 PY TR 0.1 localized to some of the milky quartz veins	469932	160.00	160.50	0.50	0.796
		Structure Maj.: ***Type/Core Angle*** ***Comment***	469933	160.50	162.00	1.50	0.003
		151.90 - 168.53 S 50	469934	162.00	163.00	1.00	0.003
		151.90 - 168.53 FOL 50	469935	163.00	164.16	1.16	0.003
		Texture Maj: ***Type*** ***Comment***	469936	164.16	164.67	0.51	0.021
		151.90 - 168.53 PORPH	469937	164.67	165.70	1.03	0.003
			469938	165.70	166.70	1.00	0.005
			469939	166.70	167.30	0.60	0.003
			469941	167.30	168.53	1.23	0.003
168.53	169.85	**2** ***Mafic Metavolcanic Rocks (Unsubdivi***	469942	168.53	169.85	1.32	0.006
		dark brown, fg, soft with scribe, aphanetic gm with small fg flecks of chlorite throughout highlighting weak fol at 50 TCA, dis fg Py (0.5%) with local venilets and stringers (1%). Pervasive mod chl with lesser sericite alt in bands near contacts. Weak pervasive calcite alt to groundmass. Contacts are sharp and at 50 TCA. Few small planar tourmaline and quartz veinlets. Nonmagnetic					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		168.53 - 169.85 Carb P W					
		168.53 - 169.85 Ser PCH WM					
		168.53 - 169.85 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		168.53 - 169.85 PY STR 0.5					
		168.53 - 169.85 PY DIS 0.5					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		168.53 - 169.85 FOL 50 wk					
		Texture Maj: ***Type*** ***Comment***					
		168.53 - 169.85 FG					
169.85	195.65	**8da** ***Pickle Crow Porphyry***	469943	169.85	171.00	1.15	0.003
		same as previous desription for pickle porphyry, light and dark green, mod schistose fol 50 TCA but becomes wavy and around 30TCA near bottome contact, quartz eyes are becoming larger (<6mm) and more rounded. May be evidence of a lacalized small fold (vein and foliation 196.8m) and or shearing proximal to lower contact with bio lamp dyke. Nonmagnetic. Quartz-quartz albite veining is minor and begins to become more irregular and deformed along with the fol.	469944	181.00	182.00	1.00	0.015
			469946	182.00	183.00	1.00	0.012
			469947	183.00	183.75	0.75	0.003
			469948	183.75	184.25	0.50	0.003
			469949	184.25	185.00	0.75	0.003
			469950	185.00	186.50	1.50	0.003
			469951	186.50	188.00	1.50	0.003
			469952	188.00	189.50	1.50	0.003
			469953	189.50	191.00	1.50	0.003
			469954	191.00	192.00	1.00	0.003
			469956	192.00	193.00	1.00	0.003
			469957	193.00	194.00	1.00	0.003
			469958	194.00	195.00	1.00	0.003
			469959	195.00	195.65	0.65	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		169.85 - 195.65 Sil PCH W					
		169.85 - 195.65 Ser P WM					
		169.85 - 195.65 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		169.85 - 195.65 PY DIS 0.1 often strongest proximal to quartz veining					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		169.85 - 195.65 FD locally near bottom contact with biotite lamp dyke, 192.7m					
		169.85 - 195.65 FOL 50 varies and becomes deformed near bottom contact with lamp dyke					
195.65	197.80	**13a** ***Lamprophyre Dyke***	469961	195.65	197.00	1.35	0.060
		dark brown, cg, almost porphyritic, massive biotite lamprophyre. No veining, planar upper contact at 50TCA and lower at 40TCA.	469962	197.00	197.80	0.80	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		195.65 - 197.80 LC 40					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		195.65 - 197.80 MASS					
		195.65 - 197.80 HOMO					
197.80	234.85	**8da** ***Pickle Crow Porphyry***	469963	197.80	198.30	0.50	0.003
		dark green mg quartz feldspar porphyry, pickle porphyry, elongate quartz eyes up to 5mm, few milky quartz veinlets, weakly boudinaged and follow mod schistose fol at 50 TCA, chl alt more prominent locally than sericite and silica. Porphyry becomes mineralized with disseminated blebby mg py (0.5%).	469964	198.30	198.80	0.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	469965	198.80	200.00	1.20	0.003
		197.80 - 234.85 Carb SP W	469966	200.00	201.00	1.00	0.010
		197.80 - 234.85 Sil PCH W	469967	201.00	202.00	1.00	0.003
		197.80 - 234.85 Ser P W	469968	202.00	203.00	1.00	0.008
		197.80 - 234.85 CHL P WM	469969	203.00	204.00	1.00	0.005
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	469971	204.00	205.00	1.00	0.003
		197.80 - 234.85 PY BL small clusters of fg py within groundmass, replacing carbonate?	469972	205.00	206.50	1.50	0.009
		197.80 - 234.85 PY DIS 1	469973	206.50	207.57	1.07	0.007
		Structure Maj.: ***Type/Core Angle*** ***Comment***	469974	207.57	208.60	1.03	0.005
		197.80 - 234.85 FOL 40 defined by mod chl	469976	208.60	210.00	1.40	0.014
		Texture Maj: ***Type*** ***Comment***	469977	210.00	211.50	1.50	0.009
		197.80 - 234.85 PORPH	469978	211.50	212.00	0.50	0.021
			469979	212.00	213.00	1.00	0.019
			469980	213.00	214.50	1.50	0.005
			469981	214.50	215.50	1.00	0.007
			469982	215.50	216.50	1.00	0.006
			469983	216.50	217.05	0.55	0.006
			469984	217.05	218.00	0.95	0.011
			469986	218.00	219.00	1.00	0.016
			469987	219.00	220.00	1.00	0.009
			469988	220.00	221.50	1.50	0.007

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			469989	221.50	223.00	1.50	0.005
			469991	223.00	224.00	1.00	0.008
			469992	224.00	225.50	1.50	0.013
			469993	225.50	227.00	1.50	0.006
			469994	227.00	227.50	0.50	0.003
			469995	227.50	228.50	1.00	0.003
			469996	228.50	229.00	0.50	0.003
			469997	229.00	230.00	1.00	0.003
			469998	230.00	231.50	1.50	0.003
			469999	231.50	232.50	1.00	0.003
			470501	232.50	233.50	1.00	0.003
			470502	233.50	234.00	0.50	0.003
			470503	234.00	234.50	0.50	0.003
			470504	234.50	235.03	0.53	0.003
234.85	235.03	**12a** ***Quartz vein (unsubdivided)***					
		cg milky quartz vein, marks contact between porphyry and volcanics, nonmineralized, sharp planar contacts 75TCA, maybe some weak shearing on bottom contact with strong sericite alt to volcanics					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
235.03	253.72	**2d** ***Intercalated mafic flows and clastic m***	470506	235.03	235.64	0.61	0.011
		dark green, fg to aphanetic, banded or laminated on mm scale (seds?) in places, pervasive but variable chl and sericite alt-whispy bands of strong sericite alt, foliation around 50-60 TCA, weak to mod shearing proximal to upper contact with porphyry, fg-mg diss Py (0.5%) throughout as well as forming veinlets and mm wide beds along foliation and quartz blebs. Nonmagnetic. Moderate veining, 50% veining is milky cg quartz veins, the rest made up of smaller deformed quartz albite tourmaline and small quartz carb stringers.	470507	235.64	236.17	0.53	0.005
			470508	236.17	237.00	0.83	0.007
			470509	237.00	237.50	0.50	0.021
			470510	237.50	238.50	1.00	0.010
			470511	238.50	239.50	1.00	0.005
			470512	239.50	240.50	1.00	0.012
			470513	240.50	241.50	1.00	0.017
			470514	241.50	242.50	1.00	0.013
			470516	242.50	243.22	0.72	0.019
			470517	243.22	243.72	0.50	0.014
			470518	243.72	244.33	0.61	0.014
			470519	244.33	244.95	0.62	0.013
			470521	244.95	246.00	1.05	0.014
			470522	246.00	246.50	0.50	0.021
			470523	246.50	247.50	1.00	0.014
			470524	247.50	248.00	0.50	0.024
			470525	248.00	249.00	1.00	0.016
			470526	249.00	249.50	0.50	0.006
			470527	249.50	250.00	0.50	0.012
			470528	250.00	251.00	1.00	0.005
			470529	251.00	252.00	1.00	0.008
			470531	252.00	253.00	1.00	0.015
			470532	253.00	253.70	0.70	0.038
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		235.03 - 253.72 CHL P W					
		235.03 - 253.72 Ser PCH WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		235.03 - 253.72 PY ws 1					
		235.03 - 253.72 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		235.03 - 253.72 FOL 55					
		Texture Maj: ***Type*** ***Comment***					
		235.03 - 253.72 FG					
		235.03 - 253.72 META					
		235.03 - 253.72 FB bands of strong ser alt, could be alt laminated seds					
253.72	254.10	**12a** ***Quartz vein (unsubdivided)***	470533	253.70	254.20	0.50	0.009
		milky, cg, massive quartz vein with fragments of chloritized host, minor chlorite alt near contacts in small veinlets or fracture fills. Py on fracture surface near upper contact. Contacts are sharp and planar at 50 TCA.					

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		253.72 - 254.10 CHL FF W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		253.72 - 254.10 PY FF 0.1 only in fracture near upper contact					
		Texture Maj: ***Type*** ***Comment***					
		253.72 - 254.10 MASS					
254.10	283.70	**2d** ***Intercalated mafic flows and clastic m***	470534	254.20	255.00	0.80	0.016
		light and dark green pillowed flows with minor intercalated grey fg sandstone and siltstone. Chlorite and sericite alt is variable and patchy. diss and stringers of fg-mg py (1%). Quartz veining is largely quartz albite and most are under 4cm with some irregular habit quartz stringers.	470536	255.00	256.00	1.00	0.008
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470537	256.00	257.00	1.00	0.013
		254.10 - 283.70 Ser PCH W	470538	257.00	258.00	1.00	0.006
		254.10 - 283.70 CHL P WM	470539	258.00	259.00	1.00	0.018
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470540	259.00	259.50	0.50	0.022
		254.10 - 283.70 PY ws 0.1 small whisps of py and in small stringers within mafics	470541	259.50	260.00	0.50	0.007
		254.10 - 283.70 PY DIS 0.5	470542	260.00	261.00	1.00	0.015
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470543	261.00	262.00	1.00	0.017
		254.10 - 283.70 FOL 40 variable, possible shearing in some of the pillowed flow	470544	262.00	263.00	1.00	0.010
		Texture Maj: ***Type*** ***Comment***	470546	263.00	264.00	1.00	0.010
		254.10 - 283.70 FG	470547	264.00	265.00	1.00	0.007
		254.10 - 283.70 P	470548	265.00	266.00	1.00	0.010
			470549	266.00	267.00	1.00	0.019
			470551	267.00	268.00	1.00	0.016
			470552	268.00	268.50	0.50	0.017
			470553	268.50	269.00	0.50	0.025
			470554	269.00	270.00	1.00	0.013

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470555	270.00	271.00	1.00	0.006
			470556	271.00	272.10	1.10	0.007
			470557	272.10	273.00	0.90	0.006
			470558	273.00	274.50	1.50	0.003
			470559	274.50	276.00	1.50	0.005
			470561	276.00	276.50	0.50	0.007
			470562	276.50	277.50	1.00	0.008
			470563	277.50	278.50	1.00	0.006
			470564	278.50	279.00	0.50	0.003
			470566	279.00	279.80	0.80	0.003
			470567	279.80	280.30	0.50	0.005
			470568	280.30	281.00	0.70	0.003
			470569	281.00	282.00	1.00	0.003
			470570	282.00	283.00	1.00	0.003
			470571	283.00	283.70	0.70	0.008
283.70	284.30	**12a** ***Quartz vein (unsubdivided)***	470572	283.70	284.50	0.80	0.005

milky and beige broken/sheared quartz albite chlorite vein, very irregular habit, chlorite whisps surrounding vein, no sulphides observed, nonmagnetic. Lower contact weakly planar at 45 TCA

Alteration Maj:	***Type/Style/Intensity***	***Comment***
283.70 - 284.30	Ser PCH W	
283.70 - 284.30	CHL MO M	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
283.70 - 284.30	PY DIS 0.01	

Structure Maj.:	***Type/Core Angle***	***Comment***
283.70 - 284.30	VN	

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
284.30	294.82	**2d** ***Intercalated mafic flows and clastic m***	470573	284.50	285.50	1.00	0.010
		same description as previous. Some boudinaging in small 1cm quartz vein. Diss fg-mg Py and Py in small stringers/bands.	470574	285.50	286.50	1.00	0.009
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470576	286.50	288.00	1.50	0.007
		284.30 - 294.82 EP B W localized to what look like deformed and stretched out pillow salvages	470577	288.00	289.00	1.00	0.011
		284.30 - 294.82 Ser PCH W very patchy	470578	289.00	289.50	0.50	0.014
		284.30 - 294.82 CHL P WM variable	470579	289.50	291.00	1.50	0.012
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470581	291.00	292.50	1.50	0.011
		284.30 - 294.82 PY DIS 1	470582	292.50	294.00	1.50	0.010
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470583	294.00	294.82	0.82	0.017
		284.30 - 294.82 FOL 40					
		Texture Maj: ***Type*** ***Comment***					
		284.30 - 294.82 P					
		284.30 - 294.82 FG					
294.82	295.20	**12a** ***Quartz vein (unsubdivided)***	470584	294.82	295.32	0.50	0.036
		beige and grey quartz albite vein with minor interstitial and veinlets of tourmaline. No sulphides observed, nonmagnetic.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		294.82 - 295.20 CHL FF W					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		294.82 - 295.20 VN					

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From (m)	To (m)	Lithology
295.20	330.00	**2d** ***Intercalated mafic flows and clastic m***

dark grey weakly veined and sheared fg mafic flow-fg tuff or siltstone, pervasive but slightly variable chl alt, small localized bands of sericite alt, 1% diss mg-cg Py locally and in small stringers. small milky quartz vein at 302.10m. 310.57- 310.83 Deformed and broken quartz chl vein, nonmineralized vein.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
295.20 - 330.00	Ser B W	
295.20 - 330.00	EP B W	
295.20 - 330.00	CHL P W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
295.20 - 330.00	PY STR 0.5	
295.20 - 330.00	PY DIS 0.5	1% locally

Structure Maj.:	*Type/Core Angle*	*Comment*
295.20 - 308.00	SHR 40	weak to mod locally, stronger around veining and pillow salvages?
295.20 - 308.00	FOL 40	weak to mod

Texture Maj:	*Type*	*Comment*
295.20 - 330.00	FB	weak and localized
295.20 - 330.00	FG	

Sample #	From	To	Length	Au (g/t)
470600	308.00	309.00	1.00	0.003
470601	309.00	310.35	1.35	0.003
470602	310.35	310.95	0.60	0.006
470603	310.95	311.50	0.55	0.019
470604	311.50	312.14	0.64	0.009
470606	312.14	313.00	0.86	0.013
470607	313.00	314.00	1.00	0.016
470608	314.00	315.00	1.00	0.035
470609	315.00	316.00	1.00	0.009
470585	295.32	296.35	1.03	0.013
470586	296.35	297.60	1.25	0.028
470587	297.60	299.00	1.40	0.009
470588	299.00	300.00	1.00	0.010
470589	300.00	301.00	1.00	0.014
470591	301.00	301.82	0.82	0.013
470592	301.82	302.32	0.50	0.025
470593	302.32	303.00	0.68	0.013
470594	303.00	304.00	1.00	0.014
470596	304.00	305.00	1.00	0.008
470597	305.00	306.00	1.00	0.008
470598	306.00	307.00	1.00	0.005
470599	307.00	308.00	1.00	0.007
470611	316.00	316.50	0.50	0.005
470612	316.50	317.11	0.61	0.005
470613	317.11	318.00	0.89	0.009
470614	318.00	319.00	1.00	0.005
470615	319.00	320.00	1.00	0.005

Hole Number **PC-17-312** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470616	320.00	320.50	0.50	0.007
			470617	320.50	321.50	1.00	0.006
			470618	321.50	322.50	1.00	0.012
			470619	322.50	323.50	1.00	0.020
			470621	323.50	324.50	1.00	0.007
			470622	324.50	325.00	0.50	0.006
			470623	325.00	326.00	1.00	0.022
			470624	326.00	327.00	1.00	0.007
			470626	327.00	328.00	1.00	0.010
			470627	328.00	329.00	1.00	0.007
			470628	329.00	330.00	1.00	0.013

DRILL HOLE REPORT

Hole Number **PC-17-313** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

Drilling

Azimuth: 180
Dip: -50
Length: 132
Started: 20-Feb-17
Completed: 21-Feb-17
Logged: 07-Mar-17
Comment: 20m up plunge overcut of 640-1

Casing

Length: 9
Pulled: no
Capped: yes
Cemented: no

Core

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

Location

Township: CONNELL
Claim No.: PA640
NTS: 052O/08
Hole: SURFACE

Coordinate - Gemcom

East: 701289.4
North: 5708993.95
Elev.: 351.22

Coordinate - UTM

East: 701289.4
North: 5708993.95
Elev.: 351.22
Zone: 15 **NAD:** NAD83

Other

Logged by: Jesse Koroscil
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Steve Greiner
Surveyed: no
Surveyed by: Steve Greiner
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-50.00	C	☑	
21.00	180.40	-50.60	EZ	☑	57147
72.00	179.60	-49.30	EZ	☑	57905
126.00	180.20	-48.60	EZ	☑	57458

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-17-313** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	9.00	**15** ***Overburden (Unsubdivided)*** fragments of mafic vol					
9.00	19.07	**2** ***Mafic Metavolcanic Rocks (Unsubdivi*** fg, dark blue green, mod fol at 40 TCA, small beige flecks <1mm, pervasive but variable chl alt, carbonate alt in small stringers, moderately magnetic, no sulphides observed.	470629	18.00	19.00	1.00	0.003

Alteration Maj:	*Type/Style/Intensity*	*Comment*
9.00 - 19.07	MAG P W	
9.00 - 19.07	Carb VN W	ank-increases toward contact with sheared porphyry
9.00 - 19.07	CHL P WM	

Structure Maj.:	*Type/Core Angle*	*Comment*
9.00 - 19.07	FOL 40	increaes toward contact with porphyry

Texture Maj:	*Type*	*Comment*
9.00 - 19.07	FG	

Hole Number **PC-17-313** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology
19.07	64.00	**8da** ***Pickle Crow Porphyry***

dark green, mg, pervasive but variable mod to strong chl alt pickle porphyry with patchy sericite and silica alt, mod to str schistose foliation with local shearing highlighted by ank alt patches and disking, no sulphides observed and non magnetic. Quartz veining is minimal, becomes bleached with tourmaline veinlets local to contact with volcanics

Alteration Maj:	***Type/Style/Intensity***	***Comment***
19.07 - 64.00	Sil PCH WM	increases with sericite ar around 57m
19.07 - 64.00	Ank PCH M	localized to shearing
19.07 - 64.00	CHL P MS	strongest often proximal to shearing

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
19.07 - 64.00	PY TR 0.1	near veining or within veining

Structure Maj.:	***Type/Core Angle***	***Comment***
19.07 - 64.00	SHR 40	patchy shearing
19.07 - 64.00	FOL 40	variable intensity

Texture Maj:	***Type***	***Comment***
19.07 - 64.00	PORPH	

Sample #	From	To	Length	Au (g/t)
470658	59.50	61.00	1.50	0.003
470659	61.00	62.00	1.00	0.003
470660	62.00	63.00	1.00	0.003
470661	63.00	63.75	0.75	0.003
470630	19.00	20.00	1.00	0.003
470631	20.00	21.00	1.00	0.003
470632	21.00	22.00	1.00	0.003
470633	22.00	22.50	0.50	0.003
470634	22.50	23.00	0.50	0.003
470636	23.00	24.00	1.00	0.003
470637	36.00	37.00	1.00	0.003
470638	37.00	37.60	0.60	0.003
470639	37.60	38.20	0.60	0.003
470641	38.20	39.00	0.80	0.005
470642	39.00	40.00	1.00	0.003
470643	40.00	41.00	1.00	0.003
470644	41.00	42.00	1.00	0.003
470645	42.00	43.00	1.00	0.003
470646	43.00	44.00	1.00	0.003
470647	51.50	52.50	1.00	0.003
470648	52.50	53.00	0.50	0.003
470649	53.00	54.00	1.00	0.003
470651	54.00	55.00	1.00	0.003
470652	55.00	56.00	1.00	0.003
470653	56.00	56.50	0.50	0.003
470654	56.50	57.00	0.50	0.003
470656	57.00	58.00	1.00	0.003

Hole Number **PC-17-313** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470657	58.00	59.50	1.50	0.003
64.00	66.10	**2a** ***Massive mafic flows (Unsubdivided)***	470662	63.75	64.45	0.70	0.003
			470663	64.45	65.10	0.65	0.005
			470664	65.10	66.00	0.90	0.003

fg, dark grey/green, diss fgl white flecks with weak calcite alt giving core a wk salt and pepper look, weak to mod shearing locally. Fg-mg diss Py (1%) throughout, nonmagnetic. Subintervals - 63-64.45 Upper contact is sheared porphyry and mafic vol, beige quartz feldspar veins with whisps of tourmaline. Several smaller blebby quartz veins throughout. Shearing and veining at low angle to core axis 20-30 TCA.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
64.00 - 66.10	Ser B M	
64.00 - 66.10	Carb Dis W	
64.00 - 66.10	CHL P W	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
64.00 - 66.10	PY DIS 1	

Structure Maj.:	***Type/Core Angle***	***Comment***
64.00 - 66.10	FOL	weak, hard to get orientation, maybe around 30 TCA?

Texture Maj:	***Type***	***Comment***
64.00 - 66.10	FG	

66.10	66.30	**12a** ***Quartz vein (unsubdivided)***	470666	66.00	66.60	0.60	0.014

beige and olive colored quartz albite vein with banded and interstitial sericite and minor tourmaline. Milky cg quartz vein can be seen cutting more deformed quartz albite sericite veining. Fg py localized to contacts (<1%).

Alteration Maj:	***Type/Style/Intensity***	***Comment***
66.10 - 66.30	CHL MO WM	altering interstitial and frags of host
66.10 - 66.30	Ser B MS	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
66.10 - 66.30	PY DIS 0.1	at contacts

Structure Maj.:	***Type/Core Angle***	***Comment***
66.10 - 66.30	VN	

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From (m)	To (m)	Lithology
66.30	94.37	**2a** ***Massive mafic flows (Unsubdivided)***

interbedded and variably deformed and sheared light grey fg weakly porous tuff with olive green/yellow bands and dark grey mafic flows with small whispy veinlets of carbonate throughout. Dis fg Py (1%) throughout with local increases and stringers, Po is patchy (0.1%). Loo

Alteration Maj:	*Type/Style/Intensity*	*Comment*
66.30 - 94.37	Ser PCH W	
66.30 - 94.37	Carb VN W	
66.30 - 94.37	CHL P WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
66.30 - 94.37	POCP BL 0.1	often near deformed quartz albite veins
66.30 - 94.37	PY DIS 1	local bands or veinlets

Structure Maj.:	*Type/Core Angle*	*Comment*
66.30 - 94.37	FOL	hard to get orientation, varies in orientation and intensity, 30-40 TCA
66.30 - 94.37	F	local fracture zone at 90m with some lost core, quartz albite vein at 90m
66.30 - 94.37	SHR 30	questionable measurement, shearing is localized and hard to get measurement

Texture Maj:	*Type*	*Comment*
66.30 - 94.37	FG	

Sample #	From	To	Length	Au (g/t)
470667	66.60	67.60	1.00	0.003
470668	67.60	68.60	1.00	0.003
470669	68.60	69.60	1.00	0.003
470671	69.60	70.10	0.50	0.003
470672	70.10	71.00	0.90	0.003
470673	71.00	72.50	1.50	0.003
470674	72.50	74.00	1.50	0.003
470675	74.00	75.00	1.00	0.003
470676	75.00	76.00	1.00	0.003
470677	76.00	77.00	1.00	0.003
470678	77.00	78.00	1.00	0.006
470679	78.00	79.00	1.00	0.003
470681	79.00	80.00	1.00	0.003
470682	80.00	81.00	1.00	0.003
470683	81.00	82.00	1.00	0.003
470684	82.00	83.00	1.00	0.003
470686	83.00	83.70	0.70	0.013
470687	83.70	84.50	0.80	0.014
470688	84.50	85.00	0.50	0.036
470689	85.00	86.00	1.00	0.012
470690	86.00	86.75	0.75	0.003
470691	86.75	87.25	0.50	0.003
470692	87.25	88.00	0.75	0.003
470693	88.00	89.00	1.00	0.003
470694	89.00	89.83	0.83	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470696	89.83	90.40	0.57	0.006
			470697	90.40	91.50	1.10	0.006
			470698	91.50	92.30	0.80	0.003
			470699	92.30	93.30	1.00	0.003
			470701	93.30	94.30	1.00	0.003
94.37	94.82	**12a** ***Quartz vein (unsubdivided)***	470702	94.30	94.82	0.52	0.005
		fractured beige quartz albite and lesser smokey cg quartz vein with black fg tourmaline often filling interstitially, trace diss fg Py within vein, small whispy bands of sericite within sheared upper contact hosts small veinlets of fg Py. Sheared upper and lower contact areas within about 1.5m.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		94.37 - 94.82 Carb PCH W trace and spotty					
		94.37 - 94.82 Ser B MS at contacts					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		94.37 - 94.82 PY INT 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		94.37 - 94.82 VN 35					
		Texture Maj: ***Type*** ***Comment***					
		94.37 - 94.82 HOMO					
94.82	105.00	**2a** ***Massive mafic flows (Unsubdivided)***	470703	94.82	95.48	0.66	0.010
		dark green mafic volcanics with small whispy stringers of carbonate and quartz carbonate. Local shearing near upper contact with quartz vein. Mod to strong fol at around 30-40 TCA.	470704	95.48	96.00	0.52	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470705	96.00	97.00	1.00	0.003
		94.82 - 105.00 Ser B WM	470706	97.00	98.00	1.00	0.003
		94.82 - 105.00 Carb VN WM	470707	98.00	98.50	0.50	0.003
		94.82 - 105.00 CHL P WM variable intensity	470708	98.50	99.50	1.00	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470709	99.50	101.00	1.50	0.003
			470711	101.00	102.50	1.50	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470712	102.50	104.00	1.50	0.009
			470713	104.00	105.00	1.00	0.318
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		94.82 - 105.00 SHR 0 localized to upper contact with quartz albite tourmaline vein					
		94.82 - 105.00 FOL 30 mod					
		Texture Maj: ***Type*** ***Comment***					
		94.82 - 105.00 FG					
105.00	121.87	**2b** ***Pillowed mafic flows (Unsubdivided)***	470714	105.00	106.00	1.00	0.006
		dark green, fg, mod foliated 35-40 TCA, mafic pillowed flow. Light green epidote alt pillow salvages with and without elongated amygdules. Fg quartz+-purplish hue and fg tourmaline blebs and veins proximal to pillow salvages. Trace diss fg Py. 10% of interval is quartz veining	470716	106.00	107.00	1.00	0.003
			470717	107.00	107.50	0.50	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470718	107.50	108.30	0.80	0.003
		105.00 - 121.87 Fu PCH W possible at pillow salvages	470719	108.30	109.30	1.00	0.003
		105.00 - 121.87 EP B MS pillow salvages	470720	109.30	110.30	1.00	0.003
		105.00 - 121.87 CHL P MS	470721	110.30	111.30	1.00	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470722	111.30	112.40	1.10	0.003
		105.00 - 121.87 PY DIS 0.1	470723	112.40	113.50	1.10	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470724	113.50	114.20	0.70	0.003
		105.00 - 121.87 FOL 35	470726	114.20	115.00	0.80	0.003
		Texture Maj: ***Type*** ***Comment***	470727	115.00	115.80	0.80	0.003
		105.00 - 121.87 P	470728	115.80	116.38	0.58	0.003
			470729	116.38	117.00	0.62	0.003
			470731	117.00	118.00	1.00	0.007
			470732	118.00	119.00	1.00	0.003
			470733	119.00	120.00	1.00	0.003
			470734	120.00	120.90	0.90	0.003
			470735	120.90	121.80	0.90	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
121.87	122.50	**12a** ***Quartz vein (unsubdivided)***	470736	121.80	122.50	0.70	0.003

milky cg quartz and quartz chl-tourmaline vein for first upper 30cm, grades into broken and quartz flooded vein with str epidote/chl alt frag of host volcanic. Miinor amounts of interstitial tourmaline. Trace dis fg py.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
121.87 - 122.50	EP MO M	
121.87 - 122.50	CHL PCH M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
121.87 - 122.50	PY DIS 0.1	

Structure Maj.:	*Type/Core Angle*	*Comment*
121.87 - 122.50	VN 30	a lot of quartz flooding so hard to get orientation

122.50	127.90	**2b** ***Pillowed mafic flows (Unsubdivided)***	470737	122.50	123.00	0.50	0.003
			470738	123.00	124.00	1.00	0.003
			470739	124.00	125.00	1.00	0.022
			470741	125.00	126.00	1.00	0.003
			470742	126.00	127.00	1.00	0.003
			470743	127.00	128.00	1.00	0.003

same as previous. Few larger purplish irregular quartz-albite-chl veins with tourmaline (<4cm). Diss fg Py (0.1%).

Alteration Maj:	*Type/Style/Intensity*	*Comment*
122.50 - 127.90	EP PCH M	
122.50 - 127.90	CHL P WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
122.50 - 127.90	PY DIS 0.1	

Structure Maj.:	*Type/Core Angle*	*Comment*
122.50 - 127.90	FOL 30	weak to mod

Texture Maj:	*Type*	*Comment*
122.50 - 127.90	P	

127.90	129.13	**12a** ***Quartz vein (unsubdivided)***	470744	128.00	129.00	1.00	0.003

whitish green sheeted quartz tourmaline vein with str chl alt whisps throughout. Small veinlets and

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		interstitial carbonate alt. Minor epidote alt. trace fg Py. Runs at low angle to core axis, weakly planar.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		127.90 - 129.13 EP PCH W					
		127.90 - 129.13 CHL B S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		127.90 - 129.13 PY DIS 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		127.90 - 129.13 VN 20 maybe, hard to tell because vein is irregular in habit					
		Texture Maj: ***Type*** ***Comment***					
		127.90 - 129.13 LNTD					
129.13	132.00	**2b** ***Pillowed mafic flows (Unsubdivided)***	470746	129.00	129.50	0.50	0.003
		same as previous description of pillowed flow. Several small stringers of carbonate throughout. 4 Small milky quartz veins and quartz tourmaline veins (<2cm).	470747	129.50	130.15	0.65	0.003
			470748	130.15	131.00	0.85	0.003
			470749	131.00	132.00	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		129.13 - 132.00 Carb PCH W					
		129.13 - 132.00 EP B WM along p salvages					
		129.13 - 132.00 CHL P MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		129.13 - 132.00 PY DIS 0.1 fg					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		129.13 - 132.00 FOL 30 weak					
		Texture Maj: ***Type*** ***Comment***					
		129.13 - 132.00 FG					

DRILL HOLE REPORT

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

Drilling

Azimuth: 188.2
Dip: -50
Length: 201
Started: 21-Feb-17
Completed: 23-Feb-17
Logged: 23-Feb-17
Comment:

Casing

Length: 9
Pulled: no
Capped: yes
Cemented: no

Core

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

Location

Township: CONNELL
Claim No.: PA684
NTS: 052O/08
Hole: SURFACE

Coordinate - Gemcom

East: 699090.07
North: 5708988.84
Elev.: 343.49

Coordinate - UTM

East: 699090.07
North: 5708988.84
Elev.: 343.49
Zone: 15 **NAD:** NAD83

Other

Logged by: Jesse Koroscil
Relog by:
Contractor: Chibougamau Drilling
Spotted by: Steve Greiner
Surveyed:
Surveyed by: Steve Greiner
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	188.20	-50.00	C	☑	
21.00	182.40	-50.20	EZ	☑	57828
72.00	184.30	-48.50	EZ	☑	57253
123.00	180.80	-47.10	EZ	☑	57264
174.00	180.70	-45.80	EZ	☑	57120
201.00	180.40	-45.40	EZ	☑	57027

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology
0.00	9.00	**15** ***Overburden (Unsubdivided)*** fragments of green fol mafic flow
9.00	72.40	**2a** ***Massive mafic flows (Unsubdivided)*** green fg foliated/sheared locally, massive mafic flow - pillowed flow, several deformed pillow salvages with strong epidote/sericite alt. mod intensity quartz and carbonate veining and stringers throughout (<0.5cm). Fg-Cg dis Py (.5%) often Cg and stronger localized to silicified and altered pillow salvages. Subintervals - 46.3m 5cm milky quartz vein. ***Alteration Maj:*** / ***Type/Style/Intensity*** / ***Comment*** 9.00 - 72.40 Carb PCH WM — pervasive in patches and localized to fracture fills and veinlets in others 9.00 - 72.40 Sil PCH W 9.00 - 72.40 Ser B WM — pillow salvages 9.00 - 72.40 CHL P WM ***Mineralization Maj. :*** / ***Type/Style/%Mineral*** / ***Comment*** 9.00 - 72.40 PY DIS 0.5 — fg-cg, coarser near quartz filled pillow salvages ***Structure Maj.:*** / ***Type/Core Angle*** / ***Comment*** 9.00 - 72.40 SHR — patches of shearing throughout, often near pillows 9.00 - 72.40 FOL 50 — variable in intensity and sometimes orientation ***Texture Maj:*** / ***Type*** / ***Comment*** 9.00 - 72.40 FG 9.00 - 72.40 P — patchy

Sample #	From	To	Length	Au (g/t)
470751	10.00	11.00	1.00	0.003
470752	11.00	12.00	1.00	0.003
470753	12.00	13.00	1.00	0.003
470754	13.00	14.00	1.00	0.009
470756	14.00	15.00	1.00	0.006
470757	15.00	16.00	1.00	0.003
470758	16.00	17.00	1.00	0.005
470759	17.00	18.00	1.00	0.005
470761	18.00	19.00	1.00	0.003
470762	19.00	20.00	1.00	0.003
470763	20.00	21.00	1.00	0.005
470764	21.00	22.00	1.00	0.003
470765	22.00	23.00	1.00	0.005
470766	23.00	24.00	1.00	0.003
470767	24.00	25.00	1.00	0.005
470768	25.00	26.00	1.00	0.003
470769	26.00	27.00	1.00	0.003
470771	27.00	28.00	1.00	0.003
470772	28.00	29.00	1.00	0.003
470773	29.00	30.00	1.00	0.003
470774	30.00	31.00	1.00	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470776	31.00	32.00	1.00	0.003
			470777	32.00	33.00	1.00	0.003
			470778	33.00	34.00	1.00	0.003
			470779	34.00	35.00	1.00	0.003
			470780	35.00	36.00	1.00	0.003
			470781	36.00	37.00	1.00	0.003
			470782	37.00	38.00	1.00	0.005
			470783	38.00	39.00	1.00	0.007
			470784	39.00	40.00	1.00	0.003
			470786	40.00	41.00	1.00	0.003
			470787	41.00	42.00	1.00	0.003
			470788	42.00	43.00	1.00	0.003
			470750	9.00	10.00	1.00	0.003
			470789	43.00	44.00	1.00	0.003
			470791	44.00	45.00	1.00	0.007
			470792	45.00	46.00	1.00	0.006
			470793	46.00	47.00	1.00	0.156
			470794	47.00	48.00	1.00	0.017
			470795	48.00	48.90	0.90	0.007
			470796	48.90	50.00	1.10	0.009
			470797	50.00	51.00	1.00	0.006
			470798	51.00	52.00	1.00	0.003
			470799	52.00	53.00	1.00	0.003
			470801	53.00	54.00	1.00	0.003
			470802	54.00	55.00	1.00	0.007
			470803	55.00	56.00	1.00	0.009
			470804	56.00	57.00	1.00	0.006

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470806	57.00	58.50	1.50	0.006
			470807	58.50	60.00	1.50	0.003
			470808	60.00	61.50	1.50	0.003
			470809	61.50	63.00	1.50	0.003
			470810	63.00	64.00	1.00	0.027
			470811	64.00	65.00	1.00	0.003
			470812	65.00	66.00	1.00	0.003
			470813	66.00	67.00	1.00	0.005
			470814	67.00	68.00	1.00	0.003
			470816	68.00	68.80	0.80	0.003
			470817	68.80	69.80	1.00	0.003
			470818	69.80	70.80	1.00	0.003
			470819	70.80	71.80	1.00	0.003
			470821	71.80	72.30	0.50	0.003
72.40	72.68	**12a** ***Quartz vein (unsubdivided)***	470822	72.30	73.00	0.70	0.012

milky cg quartz tourmaline chl vein, light rose pink hue in center of vein = carbonate. <1% fg-mg euhedral Py, nonmagnetic, roughly 20% tourmaline

Alteration Maj:	***Type/Style/Intensity***	***Comment***
72.40 - 72.68	CHL PCH WM	
72.40 - 72.68	Carb INT WM	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
72.40 - 72.68	PY BL 0.5	often local to chl alt fragments of host

Structure Maj.:	***Type/Core Angle***	***Comment***
72.40 - 72.68	VN	

Texture Maj:	***Type***	***Comment***
72.40 - 72.68	MASS	

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
72.68	91.40	**2a** ***Massive mafic flows (Unsubdivided)***	470823	73.00	74.00	1.00	0.003
		foliated green fg mafic flows, abundant quartz and carbonate stringers (<3mm) throughout as well as a few small planar milky quartz veins (<3cm), subinterval- 77-87m - strong chl altered mafic flow? Mod vuggy and porous, Strong green color, fg dis magnetite (2%) and fg-mg dis euhedral Py with trace arseno alt to some. Trace veinlets of tourmaline.	470824	74.00	74.75	0.75	0.003
			470825	74.75	75.25	0.50	0.070
			470826	75.25	76.25	1.00	0.018
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470827	76.25	77.25	1.00	0.003
		72.68 - 91.40 MAG PCH W visible fg flecks in localized interval	470828	77.25	78.25	1.00	0.003
		72.68 - 91.40 Sil PCH WM silica flooding often local to strongest chl and sericite alt patches	470829	78.25	79.00	0.75	0.003
			470831	79.00	80.00	1.00	0.003
		72.68 - 91.40 Ser PCH WM	470832	80.00	81.00	1.00	0.003
		72.68 - 91.40 CHL P MS variable in patches	470833	81.00	82.00	1.00	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470834	82.00	83.00	1.00	0.003
		72.68 - 91.40 ASP TR 0.1 found as alt to some py	470836	83.00	84.00	1.00	0.003
		72.68 - 91.40 PY DIS 1 variable in size and frequency, increase with more def and quartz veining, strongest at strong chl and silicified subinterval	470837	84.00	85.00	1.00	0.003
			470838	85.00	86.00	1.00	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470839	86.00	87.00	1.00	0.003
		72.68 - 91.40 FOL 50	470840	87.00	88.00	1.00	0.003
			470841	88.00	89.00	1.00	0.003
		Texture Maj: ***Type*** ***Comment***	470842	89.00	90.00	1.00	0.003
		72.68 - 91.40 BX highly fractured locally with quartz vein infill	470843	90.00	91.00	1.00	0.003
		72.68 - 91.40 FG					
91.40	102.00	**11a** ***Shear zone (unsubdivided)***	470844	91.00	92.00	1.00	0.034
		strong sheared mafic flow with abundand whispy banding of chl and ser alt, veining of quartz/quartz albite veining and irregular quartz tourmaline veinlets. Subinterval- 95.3-95.9 mg-cg int to felsic intrusive, strong fol at 30? TCA, sharp upper and lower contact alt by sericite. Subinterval - 99.0-99.4m sheeted quartz albite -chl-tourm vein with interstitial whispy sericite, trace fg Py (0.1%)	470846	92.00	92.50	0.50	0.014
			470847	92.50	93.00	0.50	0.723
			470848	93.00	94.00	1.00	0.021
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470849	94.00	95.00	1.00	0.021
		91.40 - 102.00 Ser B WM	470851	95.00	96.00	1.00	0.024
		91.40 - 102.00 CHL B MS	470852	96.00	97.00	1.00	0.015
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470853	97.00	97.60	0.60	0.016

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		91.40 - 102.00 PY DIS 0.5	470854	97.60	98.20	0.60	0.023
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470855	98.20	99.00	0.80	2.380
		91.40 - 102.00 SHR 50 mod to strong	470856	99.00	99.50	0.50	0.022
		Texture Maj: ***Type*** ***Comment***	470857	99.50	100.50	1.00	0.007
		91.40 - 102.00 LNTD	470858	100.50	101.40	0.90	0.022
			470859	101.40	102.40	1.00	0.011
102.00	126.25	**2a** ***Massive mafic flows (Unsubdivided)***	470861	102.40	103.40	1.00	0.006
		green, soft, mafic flow with small carbonate stringers throughout, fol but decreasing away from upper contact with shear zone, core picks up fg rectangular flecks diss throughout core- plag with carb alt?, weak diss fg Py (0.2%), nonmagnetic	470862	103.40	104.40	1.00	0.009
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470863	104.40	105.40	1.00	0.006
		102.00 - 126.25 Carb P W diss and small stringers	470864	105.40	106.40	1.00	0.006
		102.00 - 126.25 CHL P M	470866	106.40	107.40	1.00	0.012
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470867	107.40	108.00	0.60	0.006
		102.00 - 126.25 PY DIS 0.1	470868	108.00	109.50	1.50	0.009
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470869	109.50	111.00	1.50	0.035
		102.00 - 126.25 FOL 50 weak	470870	111.00	112.50	1.50	0.007
		Texture Maj: ***Type*** ***Comment***	470871	112.50	114.00	1.50	0.003
		102.00 - 126.25 FG	470872	114.00	115.50	1.50	0.007
			470873	115.50	116.90	1.40	0.007
			470874	116.90	117.40	0.50	0.008
			470876	117.40	118.50	1.10	0.003
			470877	118.50	120.00	1.50	0.006
			470878	120.00	121.50	1.50	0.005
			470879	121.50	123.00	1.50	0.007
			470881	123.00	124.00	1.00	0.018
			470882	124.00	125.00	1.00	0.003
			470883	125.00	126.00	1.00	0.003
			470884	126.00	126.50	0.50	0.031

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
126.25	126.50	**12a** ***Quartz vein (unsubdivided)***					

white and beige quartz albite tourmaline vein, tourmaline in interstitial veinlets. Vein seems to be at contact between sheared mvol and a cg grey fol quartzite?

Alteration Maj:	*Type/Style/Intensity*	*Comment*
126.25 - 126.50	CHL PCH W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
126.25 - 126.50	PY TR 0.1	

Structure Maj.:	*Type/Core Angle*	*Comment*
126.25 - 126.50	VN 50	measurement TCA from lower contact

Texture Maj:	*Type*	*Comment*
126.25 - 126.50	CG	

126.50	128.00	**8** ***Early Foliated Felsic to Intermediate***	470885	126.50	127.00	0.50	0.023
			470886	127.00	128.00	1.00	0.019

light grey, mg, foliated int intrusive. Largely feldspars with green fg chl alt min making groundmass. Diss Py 0.5% throughout, nonmagnetic. Maybe a syenite? Very little quartz

Alteration Maj:	*Type/Style/Intensity*	*Comment*
126.50 - 128.00	CHL INT W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
126.50 - 128.00	PY DIS 0.2	

Structure Maj.:	*Type/Core Angle*	*Comment*
126.50 - 128.00	FOL 40	wk

Texture Maj:	*Type*	*Comment*
126.50 - 128.00	MG	

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
128.00	130.80	**12a** ***Quartz vein (unsubdivided)***	470887	128.00	129.40	1.40	0.307
		white quartz albite tourmaline veins with minor chl, vone of the veins is rubbled and highly fractured, interval is 70% quartz veining. Vein within a sheared zone with dyke. Tourmaline in massive and interstitial stringers and veinlets. Blebby chl around contact with host volcanics, small amount of whispy veinlets of sericite throughout.	470888	129.40	130.15	0.75	0.054
			470889	130.15	131.00	0.85	0.021
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		128.00 - 130.80 Ser B M					
		128.00 - 130.80 CHL PCH W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		128.00 - 130.80 PY BL 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		128.00 - 130.80 VN 50 Hard to get orientation as much of it is rubbled					
		Texture Maj: ***Type*** ***Comment***					
		128.00 - 130.80 BX					
130.80	141.70	**2a** ***Massive mafic flows (Unsubdivided)***	470891	131.00	131.50	0.50	0.210
		light green fol/sheared mafic flow with yellowish whispy bands of sericite alt? intercalated grey fg fol mafic tuff. Variably fol and sheared, strongest near contacts with quartz veining. Limited Veining is largely quartz veins <1.5cm some highly irregular in habit and boudinaged. Carbonate stringers throughout. Fg diss Py 2%, Cg dis euhedral Py within 1.5 of upper contact. Nonmagnetic.	470892	131.50	132.50	1.00	0.100
			470893	132.50	133.00	0.50	0.275
			470894	133.00	134.00	1.00	0.054
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470896	134.00	135.00	1.00	0.037
		130.80 - 141.70 Sil PCH W	470897	135.00	136.00	1.00	0.021
		130.80 - 141.70 Ser PCH M	470898	136.00	137.00	1.00	0.341
		130.80 - 141.70 CHL P M	470899	137.00	138.00	1.00	0.086
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470900	138.00	139.00	1.00	0.023
		130.80 - 141.70 PY STR 2 fine grained py often in small stringers and bands within fol and veining	470901	139.00	140.00	1.00	0.011
		130.80 - 141.70 PY DIS 1 very fine grained and diss	470902	140.00	141.00	1.00	0.003
			470903	141.00	141.70	0.70	0.003

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
141.70	142.30	**12a** ***Quartz vein (unsubdivided)***	470904	141.70	142.30	0.60	0.040

beige and grey quartz albite tourmaline vein with lesser chlorite. Increase in tourmaline towards lower contact. Nonmagnetic, only trace fg Py.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
141.70 - 142.30	Ser B M	interstitial bands and whisps
141.70 - 142.30	CHL PCH W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
141.70 - 142.30	PY INT 0.2	very fine grained often localized to tourmaline and quartz contacts.

Structure Maj.:	*Type/Core Angle*	*Comment*
141.70 - 142.30	VN 40	

Texture Maj:	*Type*	*Comment*
141.70 - 142.30	CG	

142.30	151.42	**2a** ***Massive mafic flows (Unsubdivided)***	470906	142.30	143.00	0.70	0.012
			470907	143.00	143.50	0.50	0.003
			470908	143.50	144.50	1.00	0.003
			470909	144.50	145.50	1.00	0.006
			470911	145.50	146.50	1.00	0.003
			470912	146.50	148.00	1.50	0.003
			470913	148.00	149.00	1.00	0.007
			470914	149.00	150.00	1.00	0.081
			470915	150.00	151.00	1.00	0.137
			470916	151.00	151.50	0.50	0.090

green foliated mafic flow, strongly fractured and riddled with stockwork veinlets within first 5-6m. 0.1% dis fg Py and nonmagnetic.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
142.30 - 151.42	Ser PCH WM	
142.30 - 151.42	CHL P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
142.30 - 151.42	PY DIS 0.1	

Structure Maj.:	*Type/Core Angle*	*Comment*
142.30 - 151.42	SHR	weak and localized to upper contact with quartz veining
142.30 - 151.42	FOL 50	

Texture Maj:	*Type*	*Comment*
142.30 - 151.42	BX	strongest near upper contact with quartz vein and

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		shearing above					
151.42	159.00	**8da** ***Pickle Crow Porphyry***	470917	151.50	152.00	0.50	0.011
		light green yellow pickle porphyry with weakly schistose fol. Strong sericite, mod chl and strong patchy silica flooding. Weak veining with well defined margins. Dis fg-cg Py 0.1%, nonmagnetic.	470918	152.00	153.50	1.50	0.005
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470919	153.50	155.00	1.50	0.003
		151.42 - 159.00 Sil INT MS silica flooding throughout porphyry	470921	155.00	156.00	1.00	0.003
		151.42 - 159.00 Ser P MS	470922	156.00	157.00	1.00	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470923	157.00	158.00	1.00	0.014
		151.42 - 159.00 PY DIS 0.1	470924	158.00	159.00	1.00	0.014
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		151.42 - 159.00 FOL 50 weak to mod, slightly schistose					
		Texture Maj: ***Type*** ***Comment***					
		151.42 - 159.00 PORPH					
159.00	164.60	**11a** ***Shear zone (unsubdivided)***	470926	159.00	160.00	1.00	0.078
		strongly fol and sheared green mafic flow, looks banded in places with veining, chl, and sericite. Strong quartz and miinor carbonate stringers throughout and deformed. Fg-mg diss py and in small stringers within chl rich whisps. Nonmagnetic	470927	160.00	161.00	1.00	0.015
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470928	161.00	161.50	0.50	0.011
		159.00 - 164.60 Ser B M	470929	161.50	162.00	0.50	0.013
		159.00 - 164.60 CHL B MS	470930	162.00	162.75	0.75	0.015
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470931	162.75	163.25	0.50	0.005
		159.00 - 164.60 PY DIS 0.1	470932	163.25	164.10	0.85	0.017
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470933	164.10	164.60	0.50	0.017
		159.00 - 164.60 SHR strongest near upper contact with porphyry					

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		159.00 - 164.60 FOL 50					
		Texture Maj: ***Type*** ***Comment***					
		159.00 - 164.60 FG					
164.60	165.00	**8** ***Early Foliated Felsic to Intermediate***	470934	164.60	165.10	0.50	0.005
		light grey mg, strongly foliated dyke, beige mg feldspar makes up 50% with fg chlorite in gm? Contacts show chill margin with upper contact is 75 TCA lower contact is broken core, fg diss py (0.5%),					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		164.60 - 165.00 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		164.60 - 165.00 PY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		164.60 - 165.00 FOL 60 mod to strong					
		Texture Maj: ***Type*** ***Comment***					
		164.60 - 165.00 MG					
165.00	176.60	**2a** ***Massive mafic flows (Unsubdivided)***	470936	165.10	166.00	0.90	0.016
		dark green fg mafic flow, strongly foliated with localized shearing, strong quartz veining and stringers throughout, quartz albite veins (<2cm) strongly deformed- folded and boudinaged. fg Py in stringers and diss 0.5%. 2-3 larger quartz albite tourmaline veins also deformed	470937	166.00	167.00	1.00	0.006
			470938	167.00	168.00	1.00	0.007
			470939	168.00	169.00	1.00	0.005
			470941	169.00	170.00	1.00	0.006
			470942	170.00	171.00	1.00	0.010
			470943	171.00	171.50	0.50	0.151
			470944	171.50	172.15	0.65	0.012
			470945	172.15	173.00	0.85	0.013
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		165.00 - 176.60 Qtz VN M					
		165.00 - 176.60 Ser PCH M					
		165.00 - 176.60 CHL P MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		165.00 - 176.60 PY DIS 0.1					

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470946	173.00	174.00	1.00	0.005
		165.00 - 176.60 SHR lacalized patches	470947	174.00	175.00	1.00	0.005
		165.00 - 176.60 FOL 50	470948	175.00	176.00	1.00	0.009
		Texture Maj: ***Type*** ***Comment***	470949	176.00	176.50	0.50	0.009
176.60	176.85	**12a** ***Quartz vein (unsubdivided)***	470951	176.50	177.00	0.50	0.011
		beige and milky quartz albite tourmaline vein. Fg blebby Py local to chl tourmaline alt margins of vein and as replacement. Nonmagnetic					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		176.60 - 176.85 Ser PCH WM					
		176.60 - 176.85 CHL PCH MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		176.60 - 176.85 PY BL 1 2% locally near margins, replacement style at times					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		176.60 - 176.85 VN 50					
176.85	182.32	**2a** ***Massive mafic flows (Unsubdivided)***	470952	177.00	177.50	0.50	0.005
		green fol mafic flow, small deformed and folded quartz stringers and veinlets throughout. Same as previous desc	470953	177.50	178.50	1.00	0.009
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470954	178.50	179.50	1.00	0.011
		176.85 - 182.32 Carb F W	470956	179.50	180.00	0.50	0.009
		176.85 - 182.32 Ser PCH WM	470957	180.00	180.60	0.60	0.012
		176.85 - 182.32 CHL P M	470958	180.60	181.40	0.80	0.007
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470959	181.40	182.25	0.85	0.007
		176.85 - 182.32 PY DIS 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		176.85 - 182.32 FOL 50					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		176.85 - 182.32 FG					
182.32	182.78	**12a** ***Quartz vein (unsubdivided)***	470960	182.25	183.00	0.75	0.006
		beige quartz albite vein with lesser tourmaline as veinlets and blebs. Py (0.5%) is blebby and localized to tourmaline, nonmagnetic					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		182.32 - 182.78 CHL PCH W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		182.32 - 182.78 PY BL 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		182.32 - 182.78 VN 50 40 TCA lower contact, hard to measure					
182.78	192.75	**2a** ***Massive mafic flows (Unsubdivided)***	470961	183.00	184.00	1.00	0.010
		foliated green mafic flow with minor quartz veining. Less shearing. Fg diss Py 0.1%. Nonmagnetic	470962	184.00	184.50	0.50	0.008
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470963	184.50	185.00	0.50	0.011
		182.78 - 192.75 Ser PCH W	470964	185.00	186.00	1.00	0.007
		182.78 - 192.75 CHL P M	470966	186.00	187.50	1.50	0.006
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470967	187.50	189.00	1.50	0.012
		182.78 - 192.75 PY DIS 0.1	470968	189.00	190.00	1.00	0.005
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470969	190.00	190.50	0.50	0.007
		182.78 - 192.75 FOL 50	470971	190.50	191.10	0.60	0.007
		Texture Maj: ***Type*** ***Comment***	470972	191.10	192.10	1.00	0.006
		182.78 - 192.75 FG	470973	192.10	192.75	0.65	0.011
192.75	193.12	**12a** ***Quartz vein (unsubdivided)***	470974	192.75	193.25	0.50	0.009
		beige with patchy yellowish hue and chl alt xenos of host at margin, small minor amouunts of veinlets of tourmaline, trace fg-mg Py local to chl and tourmaline,					

Hole Number **PC-17-314** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		192.75 - 193.12 CHL PCH M to xenos of volc					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		192.75 - 193.12 PY BL 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		192.75 - 193.12 VN					
		Texture Maj: ***Type*** ***Comment***					
		192.75 - 193.12 CG					
193.12	201.00	**2a** ***Massive mafic flows (Unsubdivided)***	470975	193.25	194.15	0.90	0.007
		E.O.H. green foliated mafic flow - grey tuff, far less veining, veinlets and stringers become more planar in habit running with fol at 50 TCA	470976	194.15	195.00	0.85	0.005
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470977	195.00	196.00	1.00	0.010
		193.12 - 201.00 Ser PCH W	470978	196.00	197.00	1.00	0.011
		193.12 - 201.00 CHL P WM	470979	197.00	198.00	1.00	0.003
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470981	198.00	199.50	1.50	0.009
		193.12 - 201.00 PY DIS 0.5 sometimes in small discontinuous stringers	470982	199.50	201.00	1.50	0.006
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		193.12 - 201.00 FOL 50 mod to weak, much more competent than above					
		Texture Maj: ***Type*** ***Comment***					
		193.12 - 201.00 FG					

DRILL HOLE REPORT

Hole Number **PC-17-315** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

Drilling

Azimuth:	188.2
Dip:	-65
Length:	37.51
Started:	24-Feb-17
Completed:	24-Mar-17
Logged:	10-Mar-17

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

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

Location

Township:	CONNELL
Claim No.:	PA686
NTS:	052O/08
Hole:	SURFACE

Other

Logged by:	Jesse Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Steve Greiner
Surveyed:	yes
Surveyed by:	Steve Greiner
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Comment: this hole was pulled at 39m due to poor azimuth and dip. PC-17-316 was moved and recollared 3m south of PC-17-315

Coordinate - Gemcom

East:	699839.3
North:	5709005.3
Elev.:	345.5

Coordinate - UTM

East:	699839.3
North:	5709005.3
Elev.:	345.5
Zone:	15
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	188.20	-65.00	C	☑	
21.00	198.10	-66.70	EZ	☑	57409
24.00	193.20	-66.90	EZ	☑	57414
36.00	198.80	-66.90	EZ	☑	57414

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-17-315** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	12.00	**15** ***Overburden (Unsubdivided)*** casing, small rounded fragments of mafic vol					
12.00	25.40	**2a** ***Massive mafic flows (Unsubdivided)*** green foliated mafic flow, high frequency of stringers of quartz and quartz carbonate throughout. Fg Py diss and localized into small whispy bands (0.5%). Patchy diss fg magnetite, magnetite (+- pyrite) bearing pillow flow? ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 12.00 - 25.40 MAG Dis W diss fg magnetite in localized patches. 12.00 - 25.40 Ser PCH W 12.00 - 25.40 CHL P M ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 12.00 - 25.40 PY STR 0.1 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 12.00 - 25.40 FOL 40 ***Texture Maj:*** ***Type*** ***Comment*** 12.00 - 25.40 FG	470986	20.75	21.25	0.50	0.009
			470987	21.25	22.00	0.75	0.006
			470988	22.00	23.00	1.00	0.003
			470989	23.00	24.00	1.00	0.003
			470990	24.00	25.50	1.50	0.006
			470983	18.50	20.00	1.50	0.006
			470984	20.00	20.75	0.75	0.003
25.40	29.00	**11a** ***Shear zone (unsubdivided)*** dark green strong foliation (schistose) and chl alt mafic flow riddled with carbonate stringers with lesser quartz veinlets, banded in appearance. Some quartz veins are weakly boudinaged, may be some elongated quartz blebs. Trace dis fg Py. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 25.40 - 29.00 Ser PCH WM patchy, small whisps within chl alt foliated gm	470991	25.50	27.00	1.50	0.003
			470992	27.00	28.00	1.00	0.006
			470993	28.00	29.00	1.00	0.104

Hole Number **PC-17-315** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		25.40 - 29.00 CHL P MS ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 25.40 - 29.00 PY DIS 0.1 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 25.40 - 29.00 SHR 50 ***Texture Maj:*** ***Type*** ***Comment*** 25.40 - 29.00 FG					
29.00	30.00	**11c** ***Fault zone (gouge, lost core)*** red and brown, weathered, clay rich rubble zone. Looks like fragments of sheared unit just above, mafic flow most likely. There is a small porphyritic dyke just below. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 29.00 - 30.00 Oxid ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 29.00 - 30.00 F ***Texture Maj:*** ***Type*** ***Comment*** 29.00 - 30.00 FLT	470994	29.00	30.00	1.00	0.003
30.00	32.60	**2a** ***Massive mafic flows (Unsubdivided)*** foliated and sheared green mafic flow, carbonate stringers throughout, mg-cg diss Py (0.5%), strong chl alt. nonmagnetic ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 30.00 - 32.60 CHL P M ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 30.00 - 32.60 PY DIS 0.5	470996 470997 470998	30.00 31.00 32.00	31.00 32.00 33.00	1.00 1.00 1.00	0.007 0.337 0.029

Hole Number **PC-17-315** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		30.00 - 32.60 SHR 50					
		Texture Maj: ***Type*** ***Comment***					
		30.00 - 32.60 FG					
32.60	33.00	**8d** ***Quartz-feldspar porphyry***					
		dark green strongly fol and def quartz feldspar porphyry, redish streaks throughout, small smokey elongate oval shaped quartz eyes, no sulphides visible, nonmagnetic					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		32.60 - 33.00 HE PCH WM may be potassic as unit does look granitic in some ways					
		32.60 - 33.00 CHL P MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		32.60 - 33.00 PY DIS 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		32.60 - 33.00 FOL					
		Texture Maj: ***Type*** ***Comment***					
		32.60 - 33.00 CG					
33.00	37.51	**2a** ***Massive mafic flows (Unsubdivided)***	470999	33.00	33.75	0.75	0.009
		green foliated mafic flow, strong irregular carbonate veining with pinkish hue near upper contact with porphyry- decreasing with distance from shearing, planar quartz tourmaline <4cm at 36.85, trace fg diss Py (0.2%), nonmagnetic	470001	33.75	34.50	0.75	0.011
			470002	34.50	35.50	1.00	0.228
			470003	35.50	36.50	1.00	0.012
			470004	36.50	37.00	0.50	0.031
			470005	37.00	37.51	0.51	0.313
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		33.00 - 39.00 Carb VN WM					
		33.00 - 39.00 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		33.00 - 39.00 PY DIS 0.2					

Hole Number **PC-17-315** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

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

Structure Maj.:	Type/Core Angle	Comment
33.00 - 39.00	FOL 40	

Texture Maj:	Type	Comment
33.00 - 39.00	FG	

DRILL HOLE REPORT

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

Drilling

Azimuth:	180
Dip:	-65
Length:	219
Started:	25-Feb-17
Completed:	12-Mar-17
Logged:	10-Mar-17

Casing

Length:	12
Pulled:	no
Capped:	yes
Cemented:	no

Core

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

Location

Township:	CONNELL
Claim No.:	PA686
NTS:	052O/08
Hole:	SURFACE

Other

Logged by:	Jesse Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Jesse Koroscil
Surveyed:	
Surveyed by:	Steve Greiner
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Comment: hole 315 was pulled due to bad azimuth. 316 was recollared about 3m south of 315 casing. Casing was pulled on 315 but 316 has been surveyed with DGPS.

Coordinate - Gemcom

East:	699838.61
North:	5709001.95
Elev.:	345.5

Coordinate - UTM

East:	699838.61
North:	5709001.95
Elev.:	345.5
Zone:	15
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-65.00	C	☑	
21.00	184.20	-65.00	EZ	☑	57620
72.00	185.20	-63.40	EZ	☑	56861
123.00	188.70	-62.70	EZ	☑	57146
174.00	186.10	-61.90	EZ	☑	56972
218.00	186.70	-61.10	EZ	☑	56931

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	9.00	**15** ***Overburden (Unsubdivided)*** rubbled rounded fragments of mostly chl alt mafic vol					
9.00	12.00	**2a** ***Massive mafic flows (Unsubdivided)*** rubbled and fractured core in the first run, looks like greyish green chl alt mafic flow/tuff. Very little veining, trace diss Py (0.1%) ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 9.00 - 12.00 CHL P W ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 9.00 - 12.00 PY DIS 0.1 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 9.00 - 12.00 FOL 50 ***Texture Maj:*** ***Type*** ***Comment*** 9.00 - 12.00 FG					
12.00	36.42	**2b** ***Pillowed mafic flows (Unsubdivided)*** green variably fol mafic flow and interbedded fg greyish tuff. Localized Fg flecks of magnetite and possible pillow salvages = magnetite bearing pillowed flow. Minor amounts of quartz tourmaline veining and carbonate stringers. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 12.00 - 36.42 Carb P WM visible flecks in tuff pervasive alt to gm in volc, stringers and veinlets throughout 12.00 - 36.42 MAG PCH W visible flecks in localized patches 12.00 - 36.42 Sil PCH WM	470006 470007 470008 470009	32.00 33.00 34.00 35.00	33.00 34.00 35.00 36.35	1.00 1.00 1.00 1.35	0.003 0.015 0.038 0.005

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		12.00 - 36.42 CHL P MS variable in patches					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		12.00 - 36.42 ASP EX 0.01					
		12.00 - 36.42 PY DIS 0.1 cg in patches, some look like alt to arsenopyrite					
		12.00 - 36.42 PY DIS 0.1 often localized to margins of quartz veining/ blebs					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		12.00 - 36.42 FOL 45 slighly variable 40-50					
		Texture Maj: ***Type*** ***Comment***					
		12.00 - 36.42 FG					
36.42	36.81	**8da** ***Pickle Crow Porphyry***	470011	36.35	36.90	0.55	0.003
		dark green mg-cg strongly alt and fol QFP, visible strongly elongate quartz eyes (<4mm) in direction of fol, bands of chl and sericite define str fol at 40 TCA, no sulphides observed and nonmagnetic. Contacts are sharp and planar, upper 30 TCA lower 55 TCA					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		36.42 - 36.81 Sil P W					
		36.42 - 36.81 Ser B M streaks forming in gm-foliation					
		36.42 - 36.81 CHL P MS					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		36.42 - 36.81 FOL 40					
		Texture Maj: ***Type*** ***Comment***					
		36.42 - 36.81 CG					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
36.81	39.90	**2a** ***Massive mafic flows (Unsubdivided)***	470012	36.90	38.00	1.10	0.007
			470013	38.00	39.00	1.00	0.003
			470014	39.00	39.85	0.85	0.003

strongly fol/weakly sheared green mafic flow, abundant carb stringers throughout both planar and irregular habit.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
36.81 - 39.90	CHL P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
36.81 - 39.90	PY FG 0.1	localized to small quartz stringers and veinlets

Structure Maj.:	*Type/Core Angle*	*Comment*
36.81 - 39.90	FOL 35	30-35

Texture Maj:	*Type*	*Comment*
36.81 - 39.90	FG	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
39.90	40.45	**12a** ***Quartz vein (unsubdivided)***	470016	39.85	40.50	0.65	0.010

strong def carbonate with lesser quartz tourmaline vein, runs at low angle TCA, strong chl alt-shearing next to vein,

Alteration Maj:	*Type/Style/Intensity*	*Comment*
39.90 - 40.45	Carb VN MS	
39.90 - 40.45	CHL P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
39.90 - 40.45	PY DIS 0.1	weathered from the drill already, small rusted pits, localized to quartz chl and quartz albite contact areas

Structure Maj.:	*Type/Core Angle*	*Comment*
39.90 - 40.45	VN	60 percent of interval is vein
39.90 - 40.45	S	strongly schistose fol wrapping around quartz-carbonate vein

Texture Maj:	*Type*	*Comment*
39.90 - 40.45	MG	

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
40.45	47.90	**2a** ***Massive mafic flows (Unsubdivided)***	470017	40.50	41.50	1.00	0.019
		green fg chl alt and fol massive flow, weak carbonate veining and stringers throughout, loclaized patch at 42m where there is a 30cm section strong whispy carbonate flooding. No sulphide observed and nonmagnetic	470018	41.50	42.50	1.00	0.003
			470019	42.50	44.00	1.50	0.005
			470020	44.00	45.50	1.50	0.003
			470021	45.50	47.00	1.50	0.003
			470022	47.00	47.85	0.85	0.007
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		40.45 - 47.90 CHL P WM					
47.90	51.97	**8da** ***Pickle Crow Porphyry***	470023	47.85	48.50	0.65	0.040
		stong schistose fol (40 TCA) dark green/blue pickle porphyry. dark grey elongate quartz eyes and chl and ser alt groundmass. Trace diss fg py (0.1%) local to quartz vein. Nonmagnetic	470024	48.50	49.50	1.00	0.221
			470026	49.50	50.00	0.50	0.161
			470027	50.00	51.00	1.00	0.050
			470028	51.00	52.00	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		47.90 - 51.97 Ser P M					
		47.90 - 51.97 CHL P MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		47.90 - 51.97 PY DIS 0.01					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		47.90 - 51.97 S 40 fol defined by sericite and chlorite					
		Texture Maj: ***Type*** ***Comment***					
		47.90 - 51.97 PORPH					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology
51.97	102.58	**2b** ***Pillowed mafic flows (Unsubdivided)***

light green fg fol mafic flow grading into pillowed flows - tuff. Mod to strong fol defined by sericite-chlorite alt- lessens with distance from upper contact with porphyry. small veinlets of carbonate throughout. Local weak shearing, Mg-Cg blebby Py localized to carbonate and quartz veining with Cpy and Po (0.1%) proximal to salvages with quartz tourmaline veining and blebs. Nonmagnetic.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
51.97 - 102.58	Sil PCH W	localized bleaching and flooding within pillowed flow, strongest near salvages
51.97 - 102.58	Fu B W	pillow salvages
51.97 - 102.58	EP B M	pillow salvages
51.97 - 102.58	Ser B M	proximal to upper contact
51.97 - 102.58	Carb PCH WM	some carbonate flooded patches and stringers
51.97 - 102.58	CHL P M	strong in localized patches

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
51.97 - 102.58	PO BL 0.1	similar to Cpy
51.97 - 102.58	CP BL 0.1	small blebs and stringers proximal to pillow salvages and veining
51.97 - 102.58	PY BL 0.2	within carbonate-quartz and quartz chl vein in chlorite whisps

Structure Maj.:	*Type/Core Angle*	*Comment*
51.97 - 102.58	SHR 0	localized patches, strongest near upper contact
51.97 - 102.58	FOL 40	

Texture Maj:	*Type*	*Comment*
51.97 - 102.58	FG	

Sample #	From	To	Length	Au (g/t)
470029	52.00	53.00	1.00	0.086
470031	53.00	54.00	1.00	0.003
470032	54.00	55.25	1.25	0.062
470033	55.25	56.00	0.75	1.180
470034	56.00	57.00	1.00	0.167
470035	57.00	58.00	1.00	0.012
470036	58.00	59.25	1.25	0.021
470037	59.25	60.50	1.25	0.032
470038	60.50	61.50	1.00	0.080
470039	61.50	62.10	0.60	0.092
470041	62.10	63.00	0.90	0.008
470042	63.00	64.00	1.00	0.015
470043	64.00	65.00	1.00	0.079
470044	65.00	66.00	1.00	0.024
470046	66.00	67.00	1.00	0.040
470047	67.00	68.00	1.00	0.021
470048	68.00	69.00	1.00	0.018
470049	69.00	70.00	1.00	0.013
470050	70.00	71.00	1.00	0.009
470051	71.00	72.00	1.00	0.013
470052	72.00	72.75	0.75	0.022
470053	72.75	73.50	0.75	0.055
470054	73.50	74.50	1.00	0.036
470056	74.50	75.50	1.00	0.007
470057	75.50	76.50	1.00	0.010
470058	76.50	78.00	1.50	0.007
470059	78.00	79.50	1.50	0.007

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470061	79.50	81.00	1.50	0.005
			470062	81.00	82.50	1.50	0.006
			470063	82.50	84.00	1.50	0.008
			470064	84.00	85.50	1.50	0.009
			470065	85.50	86.50	1.00	0.016
			470066	86.50	87.50	1.00	0.007
			470067	87.50	88.00	0.50	0.003
			470068	88.00	89.00	1.00	0.005
			470069	89.00	90.00	1.00	0.003
			470071	90.00	91.00	1.00	0.003
			470072	91.00	92.00	1.00	0.003
			470073	92.00	93.00	1.00	0.019
			470074	93.00	94.40	1.40	0.003
			470076	94.40	95.40	1.00	0.005
			470077	95.40	96.40	1.00	0.005
			470078	96.40	97.40	1.00	0.006
			470079	97.40	98.40	1.00	0.003
			470080	98.40	99.40	1.00	0.003
			470081	99.40	100.40	1.00	0.003
			470082	100.40	101.40	1.00	0.003
			470083	101.40	102.40	1.00	0.003
102.58	102.70	**12a** ***Quartz vein (unsubdivided)***	470084	102.40	103.00	0.60	0.003

milky cg quartz vein with minor tourmaline. Tourmaline in small veinlet and at margins. 1% mg Py at contacts. Contacts are sharp and planar at 50 TCA.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
102.58 - 102.70	PY MG 0.01	local to margins of quartz vein within host

Structure Maj.:	*Type/Core Angle*	*Comment*
102.58 - 102.70	VN 50	

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		102.58 - 102.70 CG					
102.70	117.45	**2b** ***Pillowed mafic flows (Unsubdivided)***	470086	103.00	104.00	1.00	0.003
		green fg fol pillowed mafic flow, salvages are glassy with light green-yellow epidote and bleaching alt +- fucshite locally. Diss Fg-mg Py (0.2%). Tourmaline starts occuring in the groundmass, mg-cg. Strong shearing at lower contact with quartz vein. Nonmagnetic	470087	104.00	105.00	1.00	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470088	105.00	106.00	1.00	0.008
		102.70 - 117.45 EP B M largely localized to pillow salvages	470089	106.00	107.00	1.00	0.003
		102.70 - 117.45 Sil PCH W	470091	107.00	108.00	1.00	0.003
		102.70 - 117.45 Carb FF W patchy pervassive alt to groundmass	470092	108.00	109.00	1.00	0.003
		102.70 - 117.45 CHL P MS	470093	109.00	109.90	0.90	0.005
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470094	109.90	110.40	0.50	0.006
		102.70 - 117.45 CPPO BL 0.1 blebby and only in trace amounts, small stringers within quartz veinlets and in some chl alt clasts and tourmaline alt proximal to veining	470095	110.40	111.10	0.70	0.006
		102.70 - 117.45 PY MG 0.2 strongest local to quartz veining and quartz blebs and pillow salvages	470096	111.10	112.00	0.90	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470097	112.00	113.00	1.00	0.003
		102.70 - 117.45 SHR localized patches, strongest near lower contact with carbonate tourmaline vein	470098	113.00	114.00	1.00	0.011
			470099	114.00	115.00	1.00	0.103
			470101	115.00	116.00	1.00	0.003
			470102	116.00	116.80	0.80	0.003
			470103	116.80	117.40	0.60	0.040
117.45	117.65	**12** ***Veins (Unsubdivided)***	470104	117.40	117.90	0.50	0.022
		weakly irregular white carbonate and cg tourmaline vein with minor quartz. Strongly sheared upper and lower contacts. No sulphide observed, nonmagnetic					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		117.45 - 117.65 CHL PCH M localized to clasts of host and in whisps at the margins of the vein					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		117.45 - 117.65 VN irregular and sheared contacts					
		Texture Maj: ***Type*** ***Comment***					
		117.45 - 117.65 CG cg tourmaline, blebby but cg. See pic					
117.65	120.75	**2b** ***Pillowed mafic flows (Unsubdivided)***	470106	117.90	118.90	1.00	0.003
		dark grey green strongly fol-sheared pillowed flow, less chl alt, mod intensity carbonate stringers and fracture fills (<3mm), shearing at upper contact gives core banded appearance. Shearing at upper contact is whispy and almost runs parallel with core axis before hitting vein. 0.1% diss fg Py, stronger in some carbonate fracture fills.	470107	118.90	119.90	1.00	0.003
			470108	119.90	120.43	0.53	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		117.65 - 120.75 Carb F M stingers and fracture fills.					
		117.65 - 120.75 CHL P WM less chl alt than previous interval					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		117.65 - 120.75 PY DIS 0.5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		117.65 - 120.75 SHR near upper contact with carbonate tourmaline vein					
		117.65 - 120.75 FOL 40 very rough measurement, whispy and variable within shear.					
		Texture Maj: ***Type*** ***Comment***					
		117.65 - 120.75 FG					
120.75	121.20	**12a** ***Quartz vein (unsubdivided)***	470109	120.43	121.26	0.83	0.003
		beige and white quartz chl carbonate vein with local tourmaline stringers. No sulphides observed. Vein has weakly irregular habit and has many xenos of strong chl alt host volcanics.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		120.75 - 121.20 Carb INT WM					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		120.75 - 121.20 CHL PCH MS to fragments of mafic vol					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		120.75 - 121.20 VN irregular margins					
		Texture Maj: ***Type*** ***Comment***					
		120.75 - 121.20 MG					
121.20	145.30	**2a** ***Massive mafic flows (Unsubdivided)***	470116	126.00	127.00	1.00	0.003
		green and grey fg fol mafic flows and tuff with few pillow salvages and local weak shearing. Carbonate and quartz carbonate veining and stringers throughout (<1cm) some folding and boudinage. Trace diss fg-mg euhedral Py (0.1%) with increases local to veining. Locally magnetic in carbonate veins with banded mg Po around 138m.	470117	127.00	128.00	1.00	0.005
			470118	128.00	129.50	1.50	0.006
			470119	129.50	131.00	1.50	0.006
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470121	131.00	132.50	1.50	0.009
		121.20 - 145.30 Carb PCH M veining and stringers with patchy alt to groundmass	470122	132.50	134.00	1.50	0.033
		121.20 - 145.30 CHL P WM variable depending on flow or tuff	470123	134.00	135.50	1.50	0.022
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470124	135.50	137.00	1.50	0.027
		121.20 - 145.30 PO ws 0.1 localized to carbonate veins near 138m	470125	137.00	138.50	1.50	0.008
		121.20 - 145.30 PY DIS 0.1	470126	138.50	140.00	1.50	0.518
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470127	140.00	141.50	1.50	0.025
		121.20 - 145.30 FOL 50 variable intensity weak to mod	470128	141.50	143.00	1.50	0.003
		Texture Maj: ***Type*** ***Comment***	470129	143.00	144.00	1.00	0.003
		121.20 - 145.30 FG	470131	144.00	145.20	1.20	0.003
			470110	121.26	122.00	0.74	0.003
			470111	122.00	123.00	1.00	0.003
			470112	123.00	124.00	1.00	0.003
			470113	124.00	125.00	1.00	0.003
			470114	125.00	126.00	1.00	0.005

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
145.30	145.45	**12a** ***Quartz vein (unsubdivided)***					

beige and smokey quartz chlorite vein with trace fg tourmaline flecks at center. Sharp contacts at 50 TCA, no sulphides observed.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
145.30 - 145.45	Carb PCH W	at contacts
145.30 - 145.45	CHL INT W	small veinlets or stringers of chl and alt near margins

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
145.30 - 145.45	NO	

Structure Maj.:	*Type/Core Angle*	*Comment*
145.30 - 145.45	VN 50	

Texture Maj:	*Type*	*Comment*
145.30 - 145.45	CG	

145.45	167.40	**2b** ***Pillowed mafic flows (Unsubdivided)***	470151	159.90	160.50	0.60	0.003
			470152	160.50	161.00	0.50	0.003
			470153	161.00	162.00	1.00	0.017
			470154	162.00	163.00	1.00	0.003
			470155	163.00	164.00	1.00	0.003
			470156	164.00	165.00	1.00	0.003
			470157	165.00	166.00	1.00	0.025
			470158	166.00	167.25	1.25	0.003
			470132	145.20	146.00	0.80	0.005
			470133	146.00	147.00	1.00	0.003
			470134	147.00	148.00	1.00	0.003
			470136	148.00	149.00	1.00	0.003
			470137	149.00	150.00	1.00	0.003
			470138	150.00	151.00	1.00	0.003

strong green and grey fg foliated pillowed mafic flows and tuff. Deformed and epidote-chl-tourm alt pillow salvages. Moderate intensity carbonate stringers throughout with lesser milky quartz veining (<3cm).

Alteration Maj:	*Type/Style/Intensity*	*Comment*
145.45 - 167.40	Carb FF W	
145.45 - 167.40	EP PCH WM	
145.45 - 167.40	CHL P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
145.45 - 167.40	PY DIS 0.1	

Structure Maj.:	*Type/Core Angle*	*Comment*
145.45 - 167.40	FOL 40	weak to mod, slightly variable

Texture Maj:	*Type*	*Comment*
145.45 - 167.40	P	

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
			470139	151.00	152.00	1.00	0.025
			470140	152.00	153.00	1.00	0.003
			470141	153.00	153.90	0.90	0.003
			470142	153.90	154.40	0.50	0.003
			470143	154.40	155.00	0.60	0.003
			470144	155.00	156.00	1.00	0.003
			470146	156.00	157.00	1.00	0.003
			470147	157.00	158.00	1.00	0.006
			470148	158.00	159.00	1.00	0.003
			470149	159.00	159.90	0.90	0.005
167.40	167.60	**12a** ***Quartz vein (unsubdivided)***	470159	167.25	167.77	0.52	0.003

white and black quartz tourmaline vein, 80-20 quartz to cg tourmaline, interstitial blebby Po-py to tourmaline (2%), nonmagnetic.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
167.40 - 167.60	CHL PCH M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
167.40 - 167.60	POPY BL 2	2% locally

Structure Maj.:	*Type/Core Angle*	*Comment*
167.40 - 167.60	VN	irregular contacts, upper almost seems at 80-90 TCA while lower looks at 45 TCA.

Texture Maj:	*Type*	*Comment*
167.40 - 167.60	CG	tourmaline is tourmaline and almost radial at margins

167.60	169.04	**2b** ***Pillowed mafic flows (Unsubdivided)***	470161	167.77	169.00	1.23	0.022

similar to above description, small brecciated heavily fractured zone anhealed with calcite forming stockwork veining locally. Nonmagnetic aside from Po.

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

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		167.60 - 169.04 Carb FF W					
		167.60 - 169.04 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		167.60 - 169.04 POPY FF 0.5					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		167.60 - 169.04 FOL 50 hard to measure, roughly 50					
		Texture Maj: ***Type*** ***Comment***					
		167.60 - 169.04 FG					
169.04	169.35	**12a** ***Quartz vein (unsubdivided)***	470162	169.00	169.50	0.50	0.006
		milky quartz with lesser carbonate and cg tourmaline vein, about 60% cg and massive tourmaline, minor carbonate largely confined to margins, nonmagnetic. Blebby Po local to quartz carbonate contact areas within vein.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		169.04 - 169.35 Carb PCH W with qaurtz often strongest local to margins of vein					
		169.04 - 169.35 CHL PCH W					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		169.04 - 169.35 PO BL 0.1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		169.04 - 169.35 VN no definate measurement at upper and lower contact					
		Texture Maj: ***Type*** ***Comment***					
		169.04 - 169.35 CG					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
169.35	177.00	**2a** ***Massive mafic flows (Unsubdivided)***	470163	169.50	170.50	1.00	0.003
		grey green weakly fol mafic flow, similar to above but with less carbonate stringers, carbonate flooding proximal to lower contact with quartz vein. Several 2-4cm carbonate veins with 10-15% Po locally. Increased fracturing proximal to quartz vein. Magnetic local to Po carbonate veins.	470164	170.50	172.00	1.50	0.006
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470166	172.00	173.00	1.00	0.005
		169.35 - 177.00 Carb VN WM stringers and deformed veins with Po	470167	173.00	173.90	0.90	0.041
		169.35 - 177.00 CHL P WM	470168	173.90	174.50	0.60	0.007
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470169	174.50	175.00	0.50	0.003
		169.35 - 177.00 POCP VN 15 15% local to veins, 1% diss with minor chalco	470170	175.00	175.60	0.60	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470171	175.60	176.19	0.59	0.010
		169.35 - 177.00 FOL 50 weak	470172	176.19	176.96	0.77	0.003
		Texture Maj: ***Type*** ***Comment***					
		169.35 - 177.00 FG					
177.00	177.27	**12a** ***Quartz vein (unsubdivided)***	470173	176.96	177.50	0.54	0.003
		milky cg quartz chlorite vein with minor tourmaline stringers and blebs. No sulphide observed. Carbonate veining and shearing above and bleow, strongest below lower contact with several banded quartz carbonate veining for about 1m. Nonmagnetic and no sulphides observed.					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
177.27	182.75	**2b** ***Pillowed mafic flows (Unsubdivided)***	470174	177.50	178.10	0.60	0.005
		green and grey tuffaceous? fg variably foliated mafic flow. Weak shearing with quartz and carbonate veining proximal to upper contact with quartz vein. Few carbonate stringers and veinlets, pervasssive chl alt with epidote alt local to pillow salvages. Blebby cg-mg tourmaline in veins and patchy in groundmass. Fg Py>Po in stringers and veinlets of carbonate and tourmaline.	470176	178.10	179.00	0.90	0.006
			470177	179.00	180.00	1.00	0.003
			470178	180.00	181.00	1.00	0.006
			470179	181.00	181.70	0.70	0.003
			470181	181.70	182.40	0.70	0.005
			470182	182.40	183.00	0.60	0.011
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		177.27 - 182.75 Sil PCH M					
		177.27 - 182.75 Carb VN M local to veinlets and stringers					
		177.27 - 182.75 CHL P M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		177.27 - 182.75 PO STR 0.2 form small stringers and veinlets within carbonate veins					
		177.27 - 182.75 PY BL 0.5 in stringers and quartz-carbonate blebs local to pillow salvages					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		177.27 - 182.75 FOL weak, stronger at upper contact with quartz vein					
		Texture Maj: ***Type*** ***Comment***					
		177.27 - 182.75 P <m scale on spacing, strong alt					
182.75	183.31	**12a** ***Quartz vein (unsubdivided)***	470183	183.00	183.50	0.50	0.005
		beige and dark greygreen quartz tourmaline carbonate veins with a purplish hue. 2 veins are seperated by mafic vol. fg Po within chl alt blebs. Subinterval- 182.89-183.17 chl alt mafic vol					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		182.75 - 183.31 CHL PCH M alt frag of mafic vol					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		182.75 - 183.31 POPY BL 2					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		182.75 - 183.31 VN hard to get orientation 30TCA as rough upper contact					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
183.31	201.00	**2b** ***Pillowed mafic flows (Unsubdivided)***	470184	183.50	184.50	1.00	0.005
		green fg, weak to mod foliated mafic flow, mod amount of carbonate stringers, some carbonate veining <5cm often host blebby Po. Nonmagnetic outside of Po.	470185	184.50	185.50	1.00	0.003
			470186	185.50	186.50	1.00	0.009
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470187	186.50	187.50	1.00	0.007
		183.31 - 201.00 Sil PCH W	470188	187.50	189.00	1.50	0.006
		183.31 - 201.00 Ser PCH W	470189	189.00	190.00	1.00	0.007
		183.31 - 201.00 CHL P WM variable in patches	470191	190.00	191.00	1.00	0.010
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470192	191.00	192.00	1.00	0.006
		183.31 - 201.00 PY DIS 0.1	470193	192.00	193.00	1.00	0.003
		183.31 - 201.00 PO BL 1	470194	193.00	194.00	1.00	0.003
		Structure Maj.: ***Type/Core Angle*** ***Comment***	470196	194.00	195.00	1.00	0.005
		183.31 - 201.00 FOL 30 strong near lower contact with shearing	470197	195.00	196.00	1.00	0.024
		Texture Maj: ***Type*** ***Comment***	470198	196.00	197.00	1.00	0.012
		183.31 - 201.00 FG	470199	197.00	198.00	1.00	0.009
			470200	198.00	198.50	0.50	0.003
			470201	198.50	199.50	1.00	0.006
			470202	199.50	200.50	1.00	0.013
			470203	200.50	201.50	1.00	0.015
201.00	204.00	**11a** ***Shear zone (unsubdivided)***	470204	201.50	202.50	1.00	0.040
		grey green sheared mafic flow, strong fol running subparallel with core axis, stringers are dominantly carbonate with lesser quartz, no sulphide obswerved	470206	202.50	203.30	0.80	0.009
			470207	203.30	204.00	0.70	0.015
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		201.00 - 204.00 Carb VN M					
		201.00 - 204.00 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		201.00 - 204.00 NO					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		201.00 - 204.00 SHR 15 varibale and whispy sinuous fol					
204.00	204.73	**12a** ***Quartz vein (unsubdivided)***	470208	204.00	204.84	0.84	0.005
		milky cg quartz chl vein with minor tourmaline stringers local to str chl alt frags of host. Sharp but irregular upper contact at 30TCA with gradational lower contact with elongate quartz blebs, Po>Cpy at lower contact 1% locally					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		204.00 - 204.73 CHL PCH MS					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		204.00 - 204.73 POCP BL 1 in quartz blebs at lower contact with lesser dissem Po in sheared volc					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		204.00 - 204.73 VN					
		Texture Maj: ***Type*** ***Comment***					
		204.00 - 204.73 CG					
204.73	207.00	**11a** ***Shear zone (unsubdivided)***	470209	204.84	205.50	0.66	1.100
		same unit and description as above. Fol/shearing and carbonate veins have weak localized folding on cm scale. Trace disseminated Py with blebby Po lcoal to carbonate flooded areas near upper contact with quartz vein. Nonmagnetic	470211	205.50	206.50	1.00	0.024
			470212	206.50	207.50	1.00	0.010
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		204.73 - 207.00 Carb VN M some larger veins but largely small stringers					
		204.73 - 207.00 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		204.73 - 207.00 PY DIS 0.1 trace fg					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		204.73 - 207.00 SHR 15 low angle to core axis but whispy and variable					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		204.73 - 207.00 FG					
207.00	211.22	**2a** ***Massive mafic flows (Unsubdivided)***	470213	207.50	208.50	1.00	0.011
		dark grey green, fg, fol 40 TCA mafic flow, abundant carbonate stringers throughout, nonmagnetic and no sulphide observed	470214	208.50	209.50	1.00	0.012
			470215	209.50	210.50	1.00	0.003
			470216	210.50	211.00	0.50	0.019
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		207.00 - 211.22 Carb VN M					
		207.00 - 211.22 Sil PCH W					
		207.00 - 211.22 CHL P WM					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		207.00 - 211.22 NO					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		207.00 - 211.22 FOL 40 strongly fol-weak shearing.					
		Texture Maj: ***Type*** ***Comment***					
		207.00 - 211.22 FG					
211.22	211.46	**12a** ***Quartz vein (unsubdivided)***	470217	211.00	211.50	0.50	0.003
		deformed and broken milky quartz albite tourmaline vein, no sulphides observed and nonmagnetic. Upper contact around 30, lower contact sharp and at 30 TCA.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		211.22 - 211.46 CHL PCH M					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		211.22 - 211.46 NO					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		211.22 - 211.46 VN 30					

Hole Number **PC-17-316** Project: **PC 2017 DRILL PROGRAM** Project Number: **003**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Texture Maj: ***Type*** ***Comment***					
		211.22 - 211.46 CG					
211.46	219.00	**2a** ***Massive mafic flows (Unsubdivided)***	470218	211.50	212.25	0.75	0.012
		E.O.H dark green grey foliated and locally sheared near upper contact with quartz vein. About 20% of interval is broken/deformed and blebby milky quartz-quartz carbonate with lesser chl veins running roughly at 10-20 TCA. Unit become more massive to bottom of hole.	470219	212.25	213.00	0.75	0.003
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	470221	213.00	214.00	1.00	0.015
		211.46 - 219.00 Sil PCH W	470222	214.00	214.60	0.60	0.026
		211.46 - 219.00 Ser PCH W local to stronger fol patches with def quartz veins, forms at margins of quartz veins with chl	470223	214.60	215.10	0.50	0.021
		211.46 - 219.00 CHL P MS strong local to def quartz carbonate veins	470224	215.10	216.00	0.90	0.006
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	470226	216.00	216.80	0.80	0.007
		211.46 - 219.00 CP BL 0.1 local to margins and contact areas with quartz veins	470227	216.80	217.92	1.12	0.005
		211.46 - 219.00 POPY BL 0.1 local to margins of quartz veining	470228	217.92	219.00	1.08	0.007
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		211.46 - 219.00 FOL 40 variable in places less					
		Texture Maj: ***Type*** ***Comment***					
		211.46 - 219.00 FG					

Appendix II – Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Mar-17
Invoice No.: A17-02551
Invoice Date: 18-Apr-17
Your Reference: Pickle Crow

Fladgate Exploration
195 Park Avenue
Thunder Bay ON P7B 1B9
Canada

ATTN: Neil Pettigrew

CERTIFICATE OF ANALYSIS

230 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

Code 1A4-1000 (100mesh)-Tbay Au-Fire Assay-Metallic Screen-1000g

REPORT **A17-02551**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470001								0.011	
470002								0.228	
470003								0.012	
470004								0.031	
470005								0.313	
470006								< 0.005	
470007								0.015	
470008								0.038	
470009								0.005	
470010								< 0.005	
470011								< 0.005	
470012								0.007	
470013								< 0.005	
470014								< 0.005	
470015								< 0.005	
470016	< 0.03	< 0.03	< 0.03	< 0.03	15.57	568.14	583.71	0.010	
470017								0.019	
470018								< 0.005	
470019								0.005	
470020								< 0.005	
470021								< 0.005	
470022								0.007	
470023								0.040	
470024								0.221	
470025								0.370	
470026								0.161	
470027								0.050	
470028								< 0.005	
470029								0.086	
470030								0.935	
470031								< 0.005	
470032								0.062	
470033	2.18	1.09	1.17	1.14	11.93	656.30	668.23	1.18	
470034								0.167	
470035								0.012	
470036								0.021	
470037								0.032	
470038								0.080	
470039								0.092	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470040								< 0.005	
470041								0.008	
470042								0.015	
470043								0.079	
470044								0.024	
470045								0.027	
470046								0.040	
470047								0.021	
470048								0.018	
470049								0.013	
470050								0.009	
470051								0.013	
470052								0.022	
470053								0.055	
470054								0.036	
470055								0.023	
470056								0.007	
470057								0.010	
470058								0.007	
470059								0.007	
470060								5.71	
470061								0.005	
470062								0.006	
470063								0.008	
470064								0.009	
470065								0.016	
470066								0.007	
470067	< 0.03	< 0.03	< 0.03	< 0.03	11.26	552.38	563.64	< 0.005	
470068								0.005	
470069								< 0.005	
470070								< 0.005	
470071								< 0.005	
470072								< 0.005	
470073								0.019	
470074								< 0.005	
470075								< 0.005	
470076								0.005	
470077								0.005	
470078								0.006	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470079								< 0.005	
470080								< 0.005	
470081								< 0.005	
470082	< 0.03	< 0.03	< 0.03	< 0.03	12.83	734.77	747.60	< 0.005	
470083	< 0.03	< 0.03	< 0.03	< 0.03	16.31	538.16	554.47	< 0.005	
470084	< 0.03	< 0.03	< 0.03	< 0.03	9.870	754.11	763.98	< 0.005	
470085								0.008	
470086								< 0.005	
470087								< 0.005	
470088	< 0.03	< 0.03	< 0.03	< 0.03	22.81	620.39	643.20	0.008	
470089								< 0.005	
470090								> 10.0	10.6
470091								< 0.005	
470092								< 0.005	
470093								0.005	
470094								0.006	
470095								0.006	
470096								< 0.005	
470097								< 0.005	
470098								0.011	
470099								0.103	
470100								< 0.005	
470101								< 0.005	
470102								< 0.005	
470103								0.040	
470104	< 0.03	< 0.03	< 0.03	< 0.03	12.45	448.97	461.42	0.022	
470105								0.024	
470106	< 0.03	< 0.03	< 0.03	< 0.03	21.48	547.69	569.17	< 0.005	
470107	< 0.03	< 0.03	< 0.03	< 0.03	20.40	557.06	577.46	< 0.005	
470108	< 0.03	< 0.03	< 0.03	< 0.03	14.16	692.80	706.97	< 0.005	
470109	< 0.03	< 0.03	< 0.03	< 0.03	11.86	633.54	645.39	< 0.005	
470110	< 0.03	< 0.03	< 0.03	< 0.03	23.50	561.23	584.73	< 0.005	
470111								< 0.005	
470112								< 0.005	
470113								< 0.005	
470114								0.005	
470115								0.005	
470116								< 0.005	
470117								0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470118								0.006	
470119								0.006	
470120								1.01	
470121								0.009	
470122								0.033	
470123								0.022	
470124								0.027	
470125								0.008	
470126								0.518	
470127								0.025	
470128								< 0.005	
470129								< 0.005	
470130								< 0.005	
470131								< 0.005	
470132	< 0.03	< 0.03	< 0.03	< 0.03	26.90	601.74	628.64	0.005	
470133	< 0.03	< 0.03	< 0.03	< 0.03	27.76	556.78	584.54	< 0.005	
470134								< 0.005	
470135								< 0.005	
470136								< 0.005	
470137								< 0.005	
470138								< 0.005	
470139								0.025	
470140								< 0.005	
470141								< 0.005	
470142								< 0.005	
470143	< 0.03	< 0.03	< 0.03	< 0.03	22.94	661.56	684.51	< 0.005	
470144								< 0.005	
470145								0.007	
470146								< 0.005	
470147								0.006	
470148								< 0.005	
470149								0.005	
470150								5.51	
470151								< 0.005	
470152								< 0.005	
470153								0.017	
470154								< 0.005	
470155								< 0.005	
470156								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470157								0.025	
470158								< 0.005	
470159	< 0.03	< 0.03	< 0.03	< 0.03	27.03	603.18	630.21	< 0.005	
470160								< 0.005	
470161								0.022	
470162	< 0.03	< 0.03	< 0.03	< 0.03	28.60	663.99	692.59	0.006	
470163								< 0.005	
470164								0.006	
470165								0.006	
470166								0.005	
470167								0.041	
470168								0.007	
470169								< 0.005	
470170								< 0.005	
470171								0.010	
470172	< 0.03	< 0.03	< 0.03	< 0.03	27.18	619.17	646.35	< 0.005	
470173	< 0.03	< 0.03	< 0.03	< 0.03	28.43	615.18	643.61	< 0.005	
470174	< 0.03	< 0.03	< 0.03	< 0.03	27.63	616.36	643.99	0.005	
470175								< 0.005	
470176								0.006	
470177								< 0.005	
470178								0.006	
470179								< 0.005	
470180								> 10.0	13.4
470181								0.005	
470182	< 0.03	< 0.03	< 0.03	< 0.03	22.76	555.32	578.08	0.011	
470183	< 0.03	< 0.03	< 0.03	< 0.03	27.05	666.23	693.28	0.005	
470184								0.005	
470185								< 0.005	
470186								0.009	
470187								0.007	
470188								0.006	
470189								0.007	
470190								< 0.005	
470191								0.010	
470192								0.006	
470193								< 0.005	
470194	< 0.03	< 0.03	< 0.03	< 0.03	18.34	658.71	677.05	< 0.005	
470195								0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470196								0.005	
470197								0.024	
470198								0.012	
470199								0.009	
470200								< 0.005	
470201								0.006	
470202								0.013	
470203								0.015	
470204								0.040	
470205								0.018	
470206								0.009	
470207	< 0.03	< 0.03	< 0.03	< 0.03	28.29	618.23	646.52	0.015	
470208	< 0.03	< 0.03	< 0.03	< 0.03	27.77	753.32	781.09	0.005	
470209								1.10	
470210								> 10.0	11.6
470211								0.024	
470212								0.010	
470213								0.011	
470214								0.012	
470215								< 0.005	
470216								0.019	
470217	< 0.03	< 0.03	< 0.03	< 0.03	26.93	599.59	626.52	< 0.005	
470218	< 0.03	< 0.03	< 0.03	< 0.03	27.97	605.85	633.82	0.012	
470219	< 0.03	< 0.03	< 0.03	< 0.03	27.50	591.87	619.37	< 0.005	
470220								< 0.005	
470221	< 0.03	< 0.03	< 0.03	< 0.03	28.61	603.05	631.66	0.015	
470222	< 0.03	< 0.03	< 0.03	< 0.03	25.62	627.81	653.42	0.026	
470223	< 0.03	< 0.03	< 0.03	< 0.03	22.95	659.76	682.71	0.021	
470224	< 0.03	< 0.03	< 0.03	< 0.03	27.80	570.89	598.69	0.006	
470225								0.006	
470226	< 0.03	< 0.03	< 0.03	< 0.03	28.18	505.24	533.42	0.007	
470227	< 0.03	< 0.03	< 0.03	< 0.03	24.05	628.82	652.87	0.005	
470228	< 0.03	< 0.03	< 0.03	< 0.03	25.95	615.56	641.51	0.007	
470229								< 0.005	
470230								> 10.0	17.1

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
OxK110 Meas	3.68			3.44
OxK110 Cert	3.602			3.602
OxK110 Meas	3.55			
OxK110 Cert	3.602			
OxK110 Meas	3.58			
OxK110 Cert	3.602			
OxL118 Meas	5.69			5.68
OxL118 Cert	5.828			5.828
OxL118 Meas	5.83			
OxL118 Cert	5.828			
OxL118 Meas	5.98			
OxL118 Cert	5.828			
OREAS 203 Meas			0.866	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.846	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.829	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.870	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.848	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.860	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.861	
OREAS 203 Cert			0.871	
OREAS 223 (Fire Assay) Meas			1.73	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.75	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.76	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.78	
OREAS 223 (Fire Assay) Cert			1.78	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
OREAS 223 (Fire Assay) Meas			1.75	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.77	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.68	
OREAS 223 (Fire Assay) Cert			1.78	
470010 Orig			< 0.005	
470010 Dup			< 0.005	
470016 Orig	< 0.03	583.71		
470016 Dup	< 0.03	583.71		
470020 Orig			< 0.005	
470020 Dup			< 0.005	
470033 Orig	1.15	668.25		
470033 Dup	1.13	668.22		
470045 Orig			0.026	
470045 Dup			0.027	
470050 Orig			0.009	
470050 Split PREP DUP			0.008	
470055 Orig			0.021	
470055 Dup			0.025	
470065 Orig			0.016	
470065 Dup			0.017	
470067 Orig	< 0.03	563.65		
470067 Dup	< 0.03	563.64		
470079 Orig			< 0.005	
470079 Dup			< 0.005	
470082 Orig	< 0.03	747.61		
470082 Dup	< 0.03	747.60		
470083 Orig	< 0.03	554.46		
470083 Dup	< 0.03	554.47		
470084 Orig	< 0.03	763.96		
470084 Dup	< 0.03	763.98		
470088 Orig	< 0.03	643.20		
470088 Dup	< 0.03	643.20		
470089 Orig			< 0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470089 Dup			< 0.005	
470099 Orig			0.102	
470099 Dup			0.104	
470100 Orig			< 0.005	
470100 Split PREP DUP			< 0.005	
470104 Orig	< 0.03	461.43		
470104 Dup	< 0.03	461.43		
470106 Orig	< 0.03	569.16		
470106 Dup	< 0.03	569.17		
470107 Orig	< 0.03	577.46		
470107 Dup	< 0.03	577.46		
470108 Orig	< 0.03	706.97		
470108 Dup	< 0.03	706.96		
470109 Orig	< 0.03	645.39		
470109 Dup	< 0.03	645.40		
470110 Orig	< 0.03	584.73		
470110 Dup	< 0.03	584.75		
470113 Orig			< 0.005	
470113 Dup			0.005	
470123 Orig			0.022	
470123 Dup			0.022	
470132 Orig	< 0.03	628.67		
470132 Dup	< 0.03	628.63		
470133 Orig	< 0.03	584.53	0.005	
470133 Dup	< 0.03	584.54	< 0.005	
470143 Orig	< 0.03	684.51		
470143 Dup	< 0.03	684.50		
470148 Orig			< 0.005	
470148 Dup			< 0.005	
470151 Orig			< 0.005	
470151 Split PREP DUP			< 0.005	
470158 Orig			< 0.005	
470158 Dup			< 0.005	
470159 Orig	< 0.03	630.21		
470159 Dup	< 0.03	630.21		
470162 Orig	< 0.03	692.59		
470162 Dup	< 0.03	692.60		
470168 Orig			0.007	
470168 Dup			0.006	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470172 Orig	< 0.03	646.33		
470172 Dup	< 0.03	646.35		
470173 Orig	< 0.03	643.62		
470173 Dup	< 0.03	643.60		
470174 Orig	< 0.03	643.99		
470174 Dup	< 0.03	643.99		
470182 Orig	< 0.03	578.09	0.011	
470182 Dup	< 0.03	578.05	0.011	
470183 Orig	< 0.03	693.28		
470183 Dup	< 0.03	693.27		
470192 Orig			0.006	
470192 Dup			0.006	
470194 Orig	< 0.03	677.06		
470194 Dup	< 0.03	677.05		
470200 Orig			< 0.005	
470200 Split PREP DUP			0.005	
470202 Orig			0.013	
470202 Dup			0.013	
470207 Orig	< 0.03	646.52		
470207 Dup	< 0.03	646.52		
470208 Orig	< 0.03	781.08		
470208 Dup	< 0.03	781.10		
470216 Orig			0.018	
470216 Dup			0.020	
470217 Orig	< 0.03	626.52		
470217 Dup	< 0.03	626.52		
470218 Orig	< 0.03	633.82		
470218 Dup	< 0.03	633.83		
470219 Orig	< 0.03	619.36		
470219 Dup	< 0.03	619.37		
470221 Orig	< 0.03	631.66		
470221 Dup	< 0.03	631.66		
470222 Orig	< 0.03	653.43		
470222 Dup	< 0.03	653.42		
470223 Orig	< 0.03	682.71		
470223 Dup	< 0.03	682.71		
470224 Orig	< 0.03	598.69		
470224 Dup	< 0.03	598.68		
470226 Orig	< 0.03	533.41	0.009	
470226 Dup	< 0.03	533.42	0.006	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470227 Orig	< 0.03	652.86		
470227 Dup	< 0.03	652.88		
470228 Orig	< 0.03	641.51		
470228 Dup	< 0.03	641.51		
470230 Orig				17.2
470230 Dup				16.9
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank				< 0.02
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			

Date Submitted: 16-Mar-17
Invoice No.: A17-02548
Invoice Date: 26-Apr-17
Your Reference: Pickle Crow

Fladgate Exploration
195 Park Avenue
Thunder Bay ON P7B 1B9
Canada

ATTN: Neil Pettigrew

CERTIFICATE OF ANALYSIS

500 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)
Code 1A3-50-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code 1A4-1000 (100mesh)-Tbay Au-Fire Assay-Metallic Screen-1000g

REPORT **A17-02548**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470501								< 0.005	
470502								< 0.005	
470503	< 0.03	< 0.03	< 0.03	< 0.03	26.07	685.10	711.17	< 0.005	
470504	< 0.03	< 0.03	< 0.03	< 0.03	1.480	525.51	526.99	< 0.005	
470505								< 0.005	
470506	< 0.03	< 0.03	< 0.03	< 0.03	24.05	648.32	672.37	0.011	
470507	< 0.03	< 0.03	< 0.03	< 0.03	21.78	603.15	624.93	0.005	
470508	< 0.03	< 0.03	< 0.03	< 0.03	23.03	684.64	707.67	0.007	
470509	< 0.03	< 0.03	< 0.03	< 0.03	18.83	615.55	634.38	0.021	
470510								0.010	
470511								0.005	
470512								0.012	
470513								0.017	
470514								0.013	
470515								0.014	
470516								0.019	
470517								0.014	
470518	< 0.03	< 0.03	< 0.03	< 0.03	19.92	729.68	749.60	0.014	
470519	< 0.03	< 0.03	< 0.03	< 0.03	19.67	847.61	867.28	0.013	
470520								5.51	
470521	< 0.03	< 0.03	< 0.03	< 0.03	19.75	685.60	705.35	0.014	
470522	< 0.03	< 0.03	< 0.03	< 0.03	20.12	741.57	761.69	0.021	
470523	< 0.03	< 0.03	< 0.03	< 0.03	11.51	681.55	693.06	0.014	
470524	< 0.03	< 0.03	< 0.03	< 0.03	21.21	698.81	720.02	0.024	
470525	< 0.03	< 0.03	< 0.03	< 0.03	21.55	658.11	679.66	0.016	
470526	< 0.03	< 0.03	< 0.03	< 0.03	18.43	489.36	507.79	0.006	
470527	< 0.03	0.04	0.04	0.04	23.36	703.13	726.49	0.012	
470528	< 0.03	< 0.03	< 0.03	< 0.03	21.04	688.21	709.25	0.005	
470529	0.43	0.32	0.28	0.30	22.84	645.91	668.75	0.008	
470530								< 0.005	
470531	< 0.03	0.10	0.08	0.09	22.98	727.13	750.12	0.015	
470532	< 0.03	< 0.03	< 0.03	< 0.03	16.21	760.52	776.72	0.038	
470533	< 0.03	< 0.03	< 0.03	< 0.03	21.74	694.09	715.82	0.009	
470534	< 0.03	< 0.03	< 0.03	< 0.03	26.52	594.73	621.25	0.016	
470535								0.016	
470536								0.008	
470537								0.013	
470538								0.006	
470539								0.018	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470540								0.022	
470541								0.007	
470542								0.015	
470543								0.017	
470544								0.010	
470545								0.009	
470546								0.010	
470547								0.007	
470548								0.010	
470549								0.019	
470550								> 10.0	13.1
470551								0.016	
470552								0.017	
470553								0.025	
470554								0.013	
470555								0.006	
470556								0.007	
470557								0.006	
470558								< 0.005	
470559								0.005	
470560								< 0.005	
470561								0.007	
470562								0.008	
470563								0.006	
470564								< 0.005	
470565								< 0.005	
470566								< 0.005	
470567								0.005	
470568								< 0.005	
470569								< 0.005	
470570								< 0.005	
470571								0.008	
470572	< 0.03	< 0.03	< 0.03	< 0.03	26.99	760.31	787.30	0.005	
470573								0.010	
470574								0.009	
470575								0.008	
470576								0.007	
470577								0.011	
470578								0.014	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470579								0.012	
470580								0.966	
470581								0.011	
470582								0.010	
470583								0.017	
470584	< 0.03	< 0.03	< 0.03	< 0.03	24.33	964.05	988.38	0.036	
470585								0.013	
470586								0.028	
470587								0.009	
470588								0.010	
470589								0.014	
470590								< 0.005	
470591								0.013	
470592								0.025	
470593								0.013	
470594								0.014	
470595								0.011	
470596								0.008	
470597								0.008	
470598								0.005	
470599								0.007	
470600								< 0.005	
470601								< 0.005	
470602								0.006	
470603								0.019	
470604								0.009	
470605								0.009	
470606								0.013	
470607								0.016	
470608								0.035	
470609								0.009	
470610								5.39	
470611								0.005	
470612								0.005	
470613								0.009	
470614								0.005	
470615								0.005	
470616								0.007	
470617								0.006	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470618								0.012	
470619								0.020	
470620								< 0.005	
470621								0.007	
470622	< 0.03	< 0.03	< 0.03	< 0.03	21.54	676.92	698.46	0.006	
470623								0.022	
470624								0.007	
470625								0.007	
470626								0.010	
470627								0.007	
470628								0.013	
470629								< 0.005	
470630								< 0.005	
470631								< 0.005	
470632								< 0.005	
470633								< 0.005	
470634	< 0.03	< 0.03	< 0.03	< 0.03	25.76	500.52	526.28	< 0.005	
470635								< 0.005	
470636								< 0.005	
470637								< 0.005	
470638	< 0.03	< 0.03	< 0.03	< 0.03	16.89	496.41	513.30	< 0.005	
470639	< 0.03	< 0.03	< 0.03	< 0.03	22.46	475.55	498.01	< 0.005	
470640								> 10.0	12.7
470641								0.005	
470642								< 0.005	
470643								< 0.005	
470644								< 0.005	
470645								< 0.005	
470646								< 0.005	
470647								< 0.005	
470648	< 0.03	< 0.03	< 0.03	< 0.03	22.45	698.20	720.65	< 0.005	
470649								< 0.005	
470650								< 0.005	
470651								< 0.005	
470652								< 0.005	
470653								< 0.005	
470654	< 0.03	< 0.03	< 0.03	< 0.03	22.06	662.91	684.97	< 0.005	
470655								< 0.005	
470656								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470657								< 0.005	
470658								< 0.005	
470659								< 0.005	
470660								< 0.005	
470661	< 0.03	< 0.03	< 0.03	< 0.03	27.30	811.60	838.90	< 0.005	
470662	< 0.03	< 0.03	< 0.03	< 0.03	20.16	669.42	689.58	< 0.005	
470663	< 0.03	< 0.03	< 0.03	< 0.03	21.26	936.26	957.52	0.005	
470664								< 0.005	
470665								< 0.005	
470666	< 0.03	< 0.03	< 0.03	< 0.03	22.90	686.37	709.27	0.014	
470667								< 0.005	
470668								< 0.005	
470669								< 0.005	
470670								0.976	
470671								< 0.005	
470672								< 0.005	
470673								< 0.005	
470674								< 0.005	
470675								< 0.005	
470676								< 0.005	
470677								< 0.005	
470678								0.006	
470679								< 0.005	
470680								< 0.005	
470681								< 0.005	
470682								< 0.005	
470683								< 0.005	
470684								< 0.005	
470685								< 0.005	
470686	< 0.03	< 0.03	< 0.03	< 0.03	21.54	713.30	734.84	0.013	
470687								0.014	
470688								0.036	
470689								0.012	
470690								< 0.005	
470691								< 0.005	
470692								< 0.005	
470693								< 0.005	
470694								< 0.005	
470695								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470696								0.006	
470697								0.006	
470698								< 0.005	
470699								< 0.005	
470700								5.40	
470701								< 0.005	
470702	< 0.03	< 0.03	< 0.03	< 0.03	24.13	613.25	637.38	0.005	
470703	< 0.03	< 0.03	< 0.03	< 0.03	23.21	682.02	705.23	0.010	
470704								< 0.005	
470705								< 0.005	
470706								< 0.005	
470707								< 0.005	
470708								< 0.005	
470709								< 0.005	
470710								< 0.005	
470711								< 0.005	
470712								0.009	
470713								0.318	
470714								0.006	
470715								0.006	
470716								< 0.005	
470717								< 0.005	
470718								< 0.005	
470719								< 0.005	
470720								< 0.005	
470721								< 0.005	
470722								< 0.005	
470723								< 0.005	
470724								< 0.005	
470725								< 0.005	
470726								< 0.005	
470727								< 0.005	
470728								< 0.005	
470729								< 0.005	
470730								> 10.0	13.4
470731								0.007	
470732								< 0.005	
470733								< 0.005	
470734	< 0.03	< 0.03	< 0.03	< 0.03	22.37	733.29	755.66	< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470735	< 0.03	< 0.03	< 0.03	< 0.03	7.160	625.02	632.18	< 0.005	
470736	< 0.03	< 0.03	< 0.03	< 0.03	19.36	729.96	749.32	< 0.005	
470737								< 0.005	
470738								< 0.005	
470739								0.022	
470740								< 0.005	
470741								< 0.005	
470742								< 0.005	
470743								< 0.005	
470744	< 0.03	< 0.03	< 0.03	< 0.03	16.87	755.01	771.89	< 0.005	
470745								< 0.005	
470746	< 0.03	< 0.03	< 0.03	< 0.03	21.34	723.46	744.79	< 0.005	
470747								< 0.005	
470748								< 0.005	
470749								< 0.005	
470750								< 0.005	
470751								< 0.005	
470752								< 0.005	
470753								< 0.005	
470754								0.009	
470755								0.005	
470756								0.006	
470757								< 0.005	
470758								0.005	
470759								0.005	
470760								0.967	
470761								< 0.005	
470762								< 0.005	
470763								0.005	
470764								< 0.005	
470765								0.005	
470766								< 0.005	
470767								0.005	
470768								< 0.005	
470769								< 0.005	
470770								< 0.005	
470771								< 0.005	
470772								< 0.005	
470773								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470774								< 0.005	
470775								< 0.005	
470776								< 0.005	
470777								< 0.005	
470778								< 0.005	
470779								< 0.005	
470780								< 0.005	
470781								< 0.005	
470782								0.005	
470783								0.007	
470784								< 0.005	
470785								< 0.005	
470786								< 0.005	
470787								< 0.005	
470788								< 0.005	
470789								< 0.005	
470790								5.45	
470791								0.007	
470792								0.006	
470793								0.156	
470794								0.017	
470795								0.007	
470796								0.009	
470797								0.006	
470798								< 0.005	
470799								< 0.005	
470800								< 0.005	
470801								< 0.005	
470802								0.007	
470803								0.009	
470804								0.006	
470805								< 0.005	
470806								0.006	
470807								< 0.005	
470808								< 0.005	
470809								< 0.005	
470810								0.027	
470811								< 0.005	
470812								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470813								0.005	
470814								< 0.005	
470815								< 0.005	
470816								< 0.005	
470817								< 0.005	
470818								< 0.005	
470819								< 0.005	
470820								> 10.0	12.5
470821								< 0.005	
470822	< 0.03	< 0.03	< 0.03	< 0.03	25.14	717.89	743.03	0.012	
470823								< 0.005	
470824								< 0.005	
470825								0.070	
470826								0.018	
470827								< 0.005	
470828								< 0.005	
470829								< 0.005	
470830								< 0.005	
470831								< 0.005	
470832								< 0.005	
470833								< 0.005	
470834								< 0.005	
470835								< 0.005	
470836								< 0.005	
470837								< 0.005	
470838								< 0.005	
470839								< 0.005	
470840								< 0.005	
470841								< 0.005	
470842								< 0.005	
470843								< 0.005	
470844								0.034	
470845								0.036	
470846								0.014	
470847								0.723	
470848								0.021	
470849								0.021	
470850								0.992	
470851								0.024	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470852	< 0.03	< 0.03	< 0.03	< 0.03	18.54	806.86	825.40	0.015	
470853	< 0.03	< 0.03	< 0.03	< 0.03	22.18	821.11	843.29	0.016	
470854	< 0.03	< 0.03	< 0.03	< 0.03	19.09	696.72	715.81	0.023	
470855	14.6	0.65	0.71	0.76	14.95	809.47	824.42	2.38	
470856	< 0.03	< 0.03	< 0.03	< 0.03	16.24	520.95	537.19	0.022	
470857								0.007	
470858								0.022	
470859								0.011	
470860								< 0.005	
470861								0.006	
470862								0.009	
470863								0.006	
470864								0.006	
470865								0.007	
470866								0.012	
470867								0.006	
470868								0.009	
470869								0.035	
470870								0.007	
470871								< 0.005	
470872								0.007	
470873								0.007	
470874	< 0.03	< 0.03	< 0.03	< 0.03	18.97	793.52	812.49	0.008	
470875								< 0.005	
470876								< 0.005	
470877								0.006	
470878								0.005	
470879								0.007	
470880								5.56	
470881								0.018	
470882								< 0.005	
470883								< 0.005	
470884	< 0.03	0.06	0.04	0.05	25.40	862.17	887.58	0.031	
470885								0.023	
470886								0.019	
470887	0.58	0.34	0.37	0.36	13.91	766.11	780.02	0.307	
470888	< 0.03	< 0.03	< 0.03	< 0.03	27.73	681.62	709.35	0.054	
470889	< 0.03	< 0.03	< 0.03	< 0.03	27.80	767.22	795.03	0.021	
470890								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470891	0.33	0.26	0.24	0.25	22.90	854.83	877.73	0.210	
470892								0.100	
470893								0.275	
470894								0.054	
470895								0.047	
470896								0.037	
470897								0.021	
470898								0.341	
470899								0.086	
470900								0.023	
470901								0.011	
470902								< 0.005	
470903								< 0.005	
470904	< 0.03	< 0.03	< 0.03	< 0.03	28.26	522.25	550.51	0.040	
470905								< 0.005	
470906								0.012	
470907								< 0.005	
470908								< 0.005	
470909								0.006	
470910								> 10.0	13.4
470911								< 0.005	
470912								< 0.005	
470913								0.007	
470914								0.081	
470915								0.137	
470916	< 0.03	< 0.03	< 0.03	< 0.03	20.98	897.70	918.68	0.090	
470917	< 0.03	< 0.03	< 0.03	< 0.03	17.80	584.49	602.29	0.011	
470918								0.005	
470919								< 0.005	
470920								< 0.005	
470921								< 0.005	
470922								< 0.005	
470923								0.014	
470924								0.014	
470925								0.014	
470926								0.078	
470927								0.015	
470928								0.011	
470929								0.013	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470930								0.015	
470931								0.005	
470932								0.017	
470933								0.017	
470934								0.005	
470935								< 0.005	
470936								0.016	
470937								0.006	
470938								0.007	
470939								0.005	
470940								0.998	
470941								0.006	
470942								0.010	
470943								0.151	
470944								0.012	
470945								0.013	
470946								0.005	
470947								0.005	
470948								0.009	
470949								0.009	
470950								< 0.005	
470951	< 0.03	< 0.03	< 0.03	< 0.03	25.49	719.10	744.59	0.011	
470952	< 0.03	< 0.03	< 0.03	< 0.03	22.93	757.70	780.62	0.005	
470953								0.009	
470954								0.011	
470955								0.008	
470956								0.009	
470957								0.012	
470958								0.007	
470959								0.007	
470960	< 0.03	< 0.03	< 0.03	< 0.03	19.34	689.54	708.88	0.006	
470961								0.010	
470962								0.008	
470963								0.011	
470964								0.007	
470965								0.010	
470966								0.006	
470967								0.012	
470968								0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
470969								0.007	
470970								5.53	
470971								0.007	
470972								0.006	
470973								0.011	
470974	< 0.03	< 0.03	< 0.03	< 0.03	22.94	722.88	745.82	0.009	
470975								0.007	
470976								0.005	
470977								0.010	
470978								0.011	
470979								< 0.005	
470980								< 0.005	
470981								0.009	
470982								0.006	
470983								0.006	
470984								< 0.005	
470985								< 0.005	
470986								0.009	
470987								0.006	
470988								< 0.005	
470989								< 0.005	
470990								0.006	
470991								< 0.005	
470992								0.006	
470993								0.104	
470994								< 0.005	
470995								< 0.005	
470996								0.007	
470997								0.337	
470998								0.029	
470999								0.009	
471000								> 10.0	13.1

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
OxK110 Meas	3.50			3.52
OxK110 Cert	3.602			3.602
OxK110 Meas	3.55			3.52
OxK110 Cert	3.602			3.602
OxK110 Meas	3.51			
OxK110 Cert	3.602			
OxK110 Meas	3.54			
OxK110 Cert	3.602			
OxK110 Meas	3.61			
OxK110 Cert	3.602			
OXN117 Meas	7.88			
OXN117 Cert	7.679			
OXN117 Meas	7.46			
OXN117 Cert	7.679			
OXN117 Meas	7.65			
OXN117 Cert	7.679			
OXN117 Meas	7.29			
OXN117 Cert	7.679			
OXN117 Meas	7.72			
OXN117 Cert	7.679			
OxL118 Meas				5.62
OxL118 Cert				5.828
Oreas 203 Meas			0.855	
Oreas 203 Cert			0.871	
OREAS 203 Meas			0.840	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.864	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.859	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.874	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.846	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.886	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.897	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.887	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.902	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.898	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.900	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.880	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.864	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.858	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.899	
OREAS 203 Cert			0.871	
OREAS 223 (Fire Assay) Meas			1.75	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.76	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.75	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.78	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.71	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.77	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.76	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.73	
OREAS 223 (Fire			1.78	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
Assay) Cert				
OREAS 223 (Fire Assay) Meas			1.81	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.73	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.77	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.74	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.72	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.71	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.78	
OREAS 223 (Fire Assay) Cert			1.78	
470503 Orig	< 0.03	711.17		
470503 Dup	< 0.03	711.17		
470504 Orig	< 0.03	526.99		
470504 Dup	< 0.03	526.99		
470506 Orig	< 0.03	672.37		
470506 Dup	< 0.03	672.37		
470507 Orig	< 0.03	624.93		
470507 Dup	< 0.03	624.93		
470508 Orig	< 0.03	707.66		
470508 Dup	< 0.03	707.67		
470509 Orig	< 0.03	634.37		
470509 Dup	< 0.03	634.37		
470510 Orig			0.010	
470510 Dup			0.011	
470518 Orig	< 0.03	749.60		

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470518 Dup	< 0.03	749.60		
470519 Orig	< 0.03	867.28		
470519 Dup	< 0.03	867.28		
470521 Orig	< 0.03	705.35	0.013	
470521 Dup	< 0.03	705.35	0.015	
470522 Orig	< 0.03	761.69		
470522 Dup	< 0.03	761.69		
470523 Orig	< 0.03	693.06		
470523 Dup	< 0.03	693.06		
470524 Orig	< 0.03	720.02		
470524 Dup	< 0.03	720.02		
470525 Orig	< 0.03	679.66		
470525 Dup	< 0.03	679.66		
470526 Orig	< 0.03	507.78		
470526 Dup	< 0.03	507.79		
470527 Orig	0.04	726.49		
470527 Dup	0.04	726.49		
470528 Orig	< 0.03	709.24		
470528 Dup	< 0.03	709.25		
470529 Orig	0.30	668.74		
470529 Dup	0.30	668.75		
470530 Orig			< 0.005	
470530 Dup			< 0.005	
470531 Orig	0.09	750.13		
470531 Dup	0.09	750.11		
470532 Orig	< 0.03	776.72		
470532 Dup	< 0.03	776.73		
470533 Orig	< 0.03	715.82		
470533 Dup	< 0.03	715.83		
470534 Orig	< 0.03	621.24		
470534 Dup	< 0.03	621.26		
470545 Orig			0.009	
470545 Dup			0.008	
470551 Orig			0.016	
470551 Split PREP DUP			0.015	
470555 Orig			0.006	
470555 Dup			0.006	
470565 Orig			< 0.005	
470565 Dup			< 0.005	
470572 Orig	< 0.03	787.29		

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470572 Dup	< 0.03	787.31		
470579 Orig			0.015	
470579 Dup			0.009	
470584 Orig	< 0.03	988.38		
470584 Dup	< 0.03	988.38		
470589 Orig			0.014	
470589 Dup			0.014	
470599 Orig			0.007	
470599 Dup			0.006	
470600 Orig			< 0.005	
470600 Split PREP DUP			< 0.005	
470613 Orig			0.009	
470613 Dup			0.010	
470622 Orig	< 0.03	698.46		
470622 Dup	< 0.03	698.46		
470623 Orig			0.013	
470623 Dup			0.031	
470633 Orig			< 0.005	
470633 Dup			< 0.005	
470634 Orig	< 0.03	526.27		
470634 Dup	< 0.03	526.28		
470638 Orig	< 0.03	513.28		
470638 Dup	< 0.03	513.30		
470639 Orig	< 0.03	498.01		
470639 Dup	< 0.03	498.01		
470648 Orig	< 0.03	720.64	< 0.005	
470648 Dup	< 0.03	720.65	< 0.005	
470650 Orig			< 0.005	
470650 Split PREP DUP			< 0.005	
470654 Orig	< 0.03	684.97		
470654 Dup	< 0.03	684.97		
470658 Orig			< 0.005	
470658 Dup			< 0.005	
470661 Orig	< 0.03	838.90		
470661 Dup	< 0.03	838.90		
470662 Orig	< 0.03	689.57		
470662 Dup	< 0.03	689.59		
470663 Orig	< 0.03	957.50		
470663 Dup	< 0.03	957.55		

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470666 Orig	< 0.03	709.27		
470666 Dup	< 0.03	709.27		
470668 Orig			< 0.005	
470668 Dup			< 0.005	
470682 Orig			< 0.005	
470682 Dup			< 0.005	
470686 Orig	< 0.03	734.85		
470686 Dup	< 0.03	734.84		
470692 Orig			< 0.005	
470692 Dup			< 0.005	
470701 Orig			< 0.005	
470701 Split PREP DUP			< 0.005	
470702 Orig	< 0.03	637.38	0.005	
470702 Dup	< 0.03	637.38	0.005	
470703 Orig	< 0.03	705.24		
470703 Dup	< 0.03	705.23		
470716 Orig			< 0.005	
470716 Dup			< 0.005	
470726 Orig			< 0.005	
470726 Dup			< 0.005	
470734 Orig	< 0.03	755.66		
470734 Dup	< 0.03	755.66		
470735 Orig	< 0.03	632.19		
470735 Dup	< 0.03	632.17		
470736 Orig	< 0.03	749.32	< 0.005	
470736 Dup	< 0.03	749.32	< 0.005	
470744 Orig	< 0.03	771.88		
470744 Dup	< 0.03	771.88		
470746 Orig	< 0.03	744.78		
470746 Dup	< 0.03	744.80		
470750 Orig			< 0.005	
470750 Split PREP DUP			< 0.005	
470751 Orig			< 0.005	
470751 Dup			< 0.005	
470761 Orig			< 0.005	
470761 Dup			< 0.005	
470771 Orig			< 0.005	
470771 Dup			< 0.005	
470785 Orig			< 0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470785 Dup			< 0.005	
470795 Orig			0.006	
470795 Dup			0.008	
470800 Orig			< 0.005	
470800 Split PREP DUP			< 0.005	
470805 Orig			< 0.005	
470805 Dup			< 0.005	
470819 Orig			< 0.005	
470819 Dup			< 0.005	
470822 Orig	< 0.03	743.01		
470822 Dup	< 0.03	743.02		
470829 Orig			< 0.005	
470829 Dup			< 0.005	
470839 Orig			< 0.005	
470839 Dup			< 0.005	
470851 Orig			0.024	
470851 Split PREP DUP			0.021	
470852 Orig	< 0.03	825.40		
470852 Dup	< 0.03	825.39		
470853 Orig	< 0.03	843.28		
470853 Dup	< 0.03	843.29		
470854 Orig	< 0.03	715.81	0.022	
470854 Dup	< 0.03	715.80	0.024	
470855 Orig	0.93	824.43		
470855 Dup	0.68	824.42		
470856 Orig	< 0.03	537.18		
470856 Dup	< 0.03	537.19		
470864 Orig			0.006	
470864 Dup			0.006	
470874 Orig	< 0.03	812.49	0.009	
470874 Dup	< 0.03	812.49	0.007	
470884 Orig	0.05	887.59		
470884 Dup	0.05	887.57		
470887 Orig	0.36	780.01		
470887 Dup	0.36	780.02		
470888 Orig	< 0.03	709.34	0.061	
470888 Dup	< 0.03	709.36	0.048	
470889 Orig	< 0.03	795.03		
470889 Dup	< 0.03	795.02		

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470891 Orig	0.25	877.73		
470891 Dup	0.25	877.73		
470898 Orig			0.361	
470898 Dup			0.321	
470900 Orig			0.023	
470900 Split PREP DUP			0.020	
470904 Orig	< 0.03	550.51		
470904 Dup	< 0.03	550.51		
470908 Orig			< 0.005	
470908 Dup			< 0.005	
470916 Orig	< 0.03	918.69		
470916 Dup	< 0.03	918.68		
470917 Orig	< 0.03	602.29		
470917 Dup	< 0.03	602.29		
470922 Orig			< 0.005	
470922 Dup			< 0.005	
470932 Orig			0.017	
470932 Dup			0.017	
470942 Orig			0.010	
470942 Dup			0.010	
470950 Orig			< 0.005	
470950 Split PREP DUP			< 0.005	
470951 Orig	< 0.03	744.60		
470951 Dup	< 0.03	744.59		
470952 Orig	< 0.03	780.62		
470952 Dup	< 0.03	780.62		
470957 Orig			0.012	
470957 Dup			0.012	
470960 Orig	< 0.03	708.87		
470960 Dup	< 0.03	708.88		
470967 Orig			0.010	
470967 Dup			0.014	
470974 Orig	< 0.03	745.82		
470974 Dup	< 0.03	745.83		
470977 Orig			0.007	
470977 Dup			0.013	
470991 Orig			< 0.005	
470991 Dup			< 0.005	
470999 Orig			0.009	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
470999 Split PREP DUP			0.013	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
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Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank				< 0.02
Method Blank				< 0.02
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Mar-17
Invoice No.: A17-02547
Invoice Date: 21-Apr-17
Your Reference: Pickle Crow

Fladgate Exploration
195 Park Avenue
Thunder Bay ON P7B 1B9
Canada

ATTN: Neil Pettigrew

CERTIFICATE OF ANALYSIS

424 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)
Code 1A3-50-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code 1A4-1000 (100mesh)-Tbay Au-Fire Assay-Metallic Screen-1000g

REPORT **A17-02547**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469577								< 0.005	
469578	< 0.03	< 0.03	< 0.03	< 0.03	25.67	739.12	764.78	< 0.005	
469579	< 0.03	< 0.03	< 0.03	< 0.03	21.00	659.00	680.00	< 0.005	
469580								< 0.005	
469581	< 0.03	< 0.03	< 0.03	< 0.03	22.39	704.67	727.05	< 0.005	
469582	< 0.03	< 0.03	< 0.03	< 0.03	25.11	651.24	676.35	< 0.005	
469583	< 0.03	< 0.03	< 0.03	< 0.03	7.467	620.23	627.70	< 0.005	
469584	< 0.03	< 0.03	< 0.03	< 0.03	21.32	394.10	415.43	< 0.005	
469585								< 0.005	
469586	< 0.03	< 0.03	< 0.03	< 0.03	22.59	642.71	665.30	< 0.005	
469587	< 0.03	< 0.03	< 0.03	< 0.03	15.35	715.93	731.28	0.036	
469588	< 0.03	< 0.03	< 0.03	< 0.03	25.62	680.00	705.62	< 0.005	
469589								< 0.005	
469590								< 0.005	
469591								< 0.005	
469592								< 0.005	
469593								< 0.005	
469594								< 0.005	
469595								< 0.005	
469596								< 0.005	
469597								< 0.005	
469598								< 0.005	
469599								< 0.005	
469600								> 10.0	12.1
469601								< 0.005	
469602								< 0.005	
469603								< 0.005	
469604								< 0.005	
469605								< 0.005	
469606								< 0.005	
469607								< 0.005	
469608								< 0.005	
469609								< 0.005	
469610								< 0.005	
469611								< 0.005	
469612								< 0.005	
469613								< 0.005	
469614								0.007	
469615								0.028	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469616								< 0.005	
469617								< 0.005	
469618								< 0.005	
469619								< 0.005	
469620								< 0.005	
469621								< 0.005	
469622								< 0.005	
469623								< 0.005	
469624								< 0.005	
469625								< 0.005	
469626								< 0.005	
469627								< 0.005	
469628								< 0.005	
469629								< 0.005	
469630								0.995	
469631								< 0.005	
469632								< 0.005	
469633								< 0.005	
469634								< 0.005	
469635								< 0.005	
469636								< 0.005	
469637								< 0.005	
469638								< 0.005	
469639								< 0.005	
469640								< 0.005	
469641								< 0.005	
469642								< 0.005	
469643								< 0.005	
469644								< 0.005	
469645								< 0.005	
469646								< 0.005	
469647								< 0.005	
469648								< 0.005	
469649								< 0.005	
469650								< 0.005	
469651								< 0.005	
469652								< 0.005	
469653								< 0.005	
469654								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469655								< 0.005	
469656								< 0.005	
469657								< 0.005	
469658								< 0.005	
469659								< 0.005	
469660								5.52	
469661								< 0.005	
469662								< 0.005	
469663								< 0.005	
469664								< 0.005	
469665								< 0.005	
469666								< 0.005	
469667								< 0.005	
469668								< 0.005	
469669								< 0.005	
469670								< 0.005	
469671								< 0.005	
469672								< 0.005	
469673								< 0.005	
469674								< 0.005	
469675								< 0.005	
469676								< 0.005	
469677								< 0.005	
469678								< 0.005	
469679	< 0.03	< 0.03	< 0.03	< 0.03	25.01	638.28	663.30	< 0.005	
469680	< 0.03	< 0.03	< 0.03	< 0.03	23.95	565.11	589.07	< 0.005	
469681	< 0.03	< 0.03	< 0.03	< 0.03	26.83	614.85	641.68	< 0.005	
469682	< 0.03	< 0.03	< 0.03	< 0.03	19.00	666.98	685.99	< 0.005	
469683								< 0.005	
469684								< 0.005	
469685								0.005	
469686								< 0.005	
469687								< 0.005	
469688								< 0.005	
469689	< 0.03	< 0.03	< 0.03	< 0.03	25.55	555.20	580.75	< 0.005	
469690								> 10.0	12.4
469691								< 0.005	
469692								< 0.005	
469693								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469694								< 0.005	
469695								< 0.005	
469696	< 0.03	< 0.03	< 0.03	< 0.03	23.31	508.25	531.55	< 0.005	
469697								< 0.005	
469698								< 0.005	
469699								< 0.005	
469700								0.005	
469701	< 0.03	< 0.03	< 0.03	< 0.03	16.57	568.18	584.75	< 0.005	
469702	< 0.03	< 0.03	< 0.03	< 0.03	7.667	523.51	531.18	< 0.005	
469703	< 0.03	< 0.03	< 0.03	< 0.03	24.30	552.96	577.26	< 0.005	
469704	< 0.03	< 0.03	< 0.03	< 0.03	13.23	422.89	436.12	< 0.005	
469705								< 0.005	
469706								< 0.005	
469707								< 0.005	
469708								< 0.005	
469709								< 0.005	
469710								< 0.005	
469711								0.007	
469712								< 0.005	
469713								0.025	
469714								0.010	
469715								0.009	
469716								< 0.005	
469717								0.156	
469718	< 0.03	< 0.03	< 0.03	< 0.03	19.80	585.82	605.62	0.005	
469719	0.81	0.24	0.22	0.23	18.48	558.24	576.72	< 0.005	
469720								1.03	
469721								< 0.005	
469722								< 0.005	
469723								< 0.005	
469724								0.038	
469725								< 0.005	
469726								< 0.005	
469727								0.006	
469728								0.009	
469729								< 0.005	
469730								< 0.005	
469731								< 0.005	
469732								0.010	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469733								< 0.005	
469734								0.013	
469735								0.010	
469736								0.016	
469737								0.006	
469738								0.020	
469739								0.052	
469740								0.036	
469741								0.013	
469742								0.010	
469743								0.016	
469744								0.006	
469745								0.007	
469746								0.010	
469747	< 0.03	< 0.03	< 0.03	< 0.03	26.27	614.43	640.70	0.047	
469748								0.033	
469749								0.009	
469750								5.42	
469751								< 0.005	
469752								< 0.005	
469753								0.008	
469754								0.026	
469755								0.012	
469756								< 0.005	
469757								< 0.005	
469758								0.005	
469759								0.005	
469760								< 0.005	
469761								< 0.005	
469762								0.011	
469763								0.336	
469764	0.32	0.31	0.36	0.34	21.59	567.36	588.94	0.098	
469765								0.157	
469766	< 0.03	< 0.03	< 0.03	< 0.03	25.72	633.14	658.86	0.011	
469767	< 0.03	0.08	0.10	0.09	23.47	604.47	627.94	0.034	
469768	< 0.03	< 0.03	< 0.03	< 0.03	648.8	21.190	669.99	0.018	
469769	0.49	< 0.03	< 0.03	< 0.03	638.9	26.770	665.63	0.066	
469770	3.53	0.14	0.12	0.16	18.98	569.75	588.73	0.070	
469771								0.026	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469772								0.059	
469773								0.005	
469774								0.009	
469775								0.010	
469776	1.42	0.63	0.55	0.60	21.16	433.09	454.25	0.298	
469777	< 0.03	< 0.03	< 0.03	< 0.03	21.71	677.44	699.15	0.021	
469778								0.008	
469779								0.005	
469780								> 10.0	13.2
469781								< 0.005	
469782								< 0.005	
469783								0.025	
469784								< 0.005	
469785								0.005	
469786								0.006	
469787								< 0.005	
469788								< 0.005	
469789								0.019	
469790								< 0.005	
469791								< 0.005	
469792								< 0.005	
469793								< 0.005	
469794								0.011	
469795								0.009	
469796								< 0.005	
469797								< 0.005	
469798								< 0.005	
469799								< 0.005	
469800								< 0.005	
469801								< 0.005	
469802								< 0.005	
469803								< 0.005	
469804	< 0.03	< 0.03	< 0.03	< 0.03	23.91	780.72	804.62	0.007	
469805								0.017	
469806								< 0.005	
469807								0.016	
469808								< 0.005	
469809								0.014	
469810								0.975	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469811								0.007	
469812								< 0.005	
469813								< 0.005	
469814								< 0.005	
469815								< 0.005	
469816								< 0.005	
469817								< 0.005	
469818	< 0.03	< 0.03	< 0.03	< 0.03	22.84	700.85	723.70	< 0.005	
469819	< 0.03	< 0.03	< 0.03	< 0.03	17.94	710.45	728.40	< 0.005	
469820								< 0.005	
469821								0.047	
469822								< 0.005	
469823								< 0.005	
469824								< 0.005	
469825								< 0.005	
469826								< 0.005	
469827								< 0.005	
469828								< 0.005	
469829								< 0.005	
469830	< 0.03	< 0.03	< 0.03	< 0.03	25.01	741.23	766.24	< 0.005	
469831								< 0.005	
469832								0.007	
469833								< 0.005	
469834								< 0.005	
469835								< 0.005	
469836								< 0.005	
469837								< 0.005	
469838								< 0.005	
469839	< 0.03	< 0.03	< 0.03	< 0.03	24.68	806.27	830.95	< 0.005	
469840								5.48	
469841								< 0.005	
469842								< 0.005	
469843								< 0.005	
469844								< 0.005	
469845								< 0.005	
469846								< 0.005	
469847								< 0.005	
469848								< 0.005	
469849								0.091	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469850								< 0.005	
469851								< 0.005	
469852								< 0.005	
469853	< 0.03	< 0.03	< 0.03	< 0.03	27.61	796.38	823.99	< 0.005	
469854	< 0.03	< 0.03	< 0.03	< 0.03	18.81	426.14	444.95	< 0.005	
469855								< 0.005	
469856								< 0.005	
469857								< 0.005	
469858								< 0.005	
469859								< 0.005	
469860								< 0.005	
469861								< 0.005	
469862								< 0.005	
469863	< 0.03	< 0.03	< 0.03	< 0.03	18.05	887.09	905.14	< 0.005	
469864								< 0.005	
469865								< 0.005	
469866								< 0.005	
469867								< 0.005	
469868								< 0.005	
469869	< 0.03	< 0.03	< 0.03	< 0.03	19.04	689.10	708.14	0.096	
469870								> 10.0	13.6
469871	< 0.03	< 0.03	< 0.03	< 0.03	18.70	564.74	583.44	< 0.005	
469872								0.043	
469873								< 0.005	
469874								0.007	
469875								< 0.005	
469876								< 0.005	
469877								< 0.005	
469878								< 0.005	
469879								< 0.005	
469880								< 0.005	
469881								< 0.005	
469882								< 0.005	
469883	< 0.03	< 0.03	< 0.03	< 0.03	20.50	694.97	715.47	< 0.005	
469884								0.006	
469886								< 0.005	
469887								< 0.005	
469888								< 0.005	
469889								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469890								< 0.005	
469891								< 0.005	
469892								< 0.005	
469893								< 0.005	
469894								< 0.005	
469895								< 0.005	
469896								< 0.005	
469897								< 0.005	
469898								< 0.005	
469899								< 0.005	
469900								1.01	
469901								< 0.005	
469902								< 0.005	
469903	< 0.03	< 0.03	< 0.03	< 0.03	18.85	533.88	552.73	< 0.005	
469904								< 0.005	
469905								< 0.005	
469906								< 0.005	
469907								< 0.005	
469908								< 0.005	
469909								< 0.005	
469910								< 0.005	
469911								< 0.005	
469912								< 0.005	
469913								< 0.005	
469914								< 0.005	
469915								< 0.005	
469916								0.010	
469917								0.010	
469918								< 0.005	
469919								< 0.005	
469920								0.005	
469921								< 0.005	
469922								< 0.005	
469923								< 0.005	
469924								< 0.005	
469925								< 0.005	
469926								< 0.005	
469927								< 0.005	
469928								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469929								< 0.005	
469930								5.62	
469931								< 0.005	
469932								0.796	
469933								< 0.005	
469934								< 0.005	
469935								< 0.005	
469936								0.021	
469937								< 0.005	
469938								0.005	
469939								< 0.005	
469940								< 0.005	
469941								< 0.005	
469942								0.006	
469943								< 0.005	
469944								0.015	
469945								0.027	
469946								0.012	
469947								< 0.005	
469948								< 0.005	
469949								< 0.005	
469950								< 0.005	
469951								< 0.005	
469952								< 0.005	
469953								< 0.005	
469954								< 0.005	
469955								< 0.005	
469956								< 0.005	
469957								< 0.005	
469958								< 0.005	
469959								< 0.005	
469960								> 10.0	12.2
469961								0.060	
469962								< 0.005	
469963								< 0.005	
469964								< 0.005	
469965	< 0.03	< 0.03	< 0.03	< 0.03	21.14	577.23	598.37	< 0.005	
469966								0.010	
469967								< 0.005	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/mt	g/tonne
Lower Limit	0.03	0.03	0.03	0.03				0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA	FA-GRA
469968								0.008	
469969								0.005	
469970								< 0.005	
469971								< 0.005	
469972								0.009	
469973								0.007	
469974								0.005	
469975								< 0.005	
469976								0.014	
469977								0.009	
469978								0.021	
469979								0.019	
469980								0.005	
469981								0.007	
469982								0.006	
469983								0.006	
469984								0.011	
469985								0.016	
469986								0.016	
469987								0.009	
469988								0.007	
469989								0.005	
469990								0.976	
469991								0.008	
469992								0.013	
469993								0.006	
469994								< 0.005	
469995								< 0.005	
469996								< 0.005	
469997								< 0.005	
469998								< 0.005	
469999								< 0.005	
470000								< 0.005	
469885								0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
OxK110 Meas	3.62			3.52
OxK110 Cert	3.602			3.602
OxK110 Meas	3.65			3.52
OxK110 Cert	3.602			3.602
OxK110 Meas	3.69			
OxK110 Cert	3.602			
OxK110 Meas	3.57			
OxK110 Cert	3.602			
OxL118 Meas	5.62			5.62
OxL118 Cert	5.828			5.828
OxL118 Meas	5.90			
OxL118 Cert	5.828			
OxL118 Meas	5.82			
OxL118 Cert	5.828			
OxL118 Meas	5.60			
OxL118 Cert	5.828			
OREAS 203 Meas			0.889	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.872	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.832	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.865	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.839	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.872	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.900	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.860	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.856	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.906	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.889	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.908	
OREAS 203 Cert			0.871	
OREAS 203 Meas			0.905	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
OREAS 203 Cert			0.871	
OREAS 223 (Fire Assay) Meas			1.80	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.79	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.79	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.69	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.74	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.79	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.74	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.78	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.78	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.81	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.73	
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire			1.80	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
Assay) Meas				
OREAS 223 (Fire Assay) Cert			1.78	
OREAS 223 (Fire Assay) Meas			1.74	
OREAS 223 (Fire Assay) Cert			1.78	
469578 Orig	< 0.03	764.80		
469578 Dup	< 0.03	764.77		
469579 Orig	< 0.03	680.00		
469579 Dup	< 0.03	680.01		
469581 Orig	< 0.03	727.05		
469581 Dup	< 0.03	727.06		
469582 Orig	< 0.03	676.34		
469582 Dup	< 0.03	676.36		
469583 Orig	< 0.03	627.69		
469583 Dup	< 0.03	627.71		
469584 Orig	< 0.03	415.44		
469584 Dup	< 0.03	415.42		
469586 Orig	< 0.03	665.30	< 0.005	
469586 Dup	< 0.03	665.30	0.005	
469587 Orig	< 0.03	731.28		
469587 Dup	< 0.03	731.29		
469588 Orig	< 0.03	705.63		
469588 Dup	< 0.03	705.62		
469596 Orig			< 0.005	
469596 Dup			< 0.005	
469606 Orig			< 0.005	
469606 Dup			< 0.005	
469621 Orig			< 0.005	
469621 Dup			< 0.005	
469626 Orig			< 0.005	
469626 Split PREP DUP			< 0.005	
469631 Orig			< 0.005	
469631 Dup			< 0.005	
469641 Orig			< 0.005	
469641 Dup			< 0.005	
469655 Orig			< 0.005	
469655 Dup			< 0.005	
469665 Orig			< 0.005	
469665 Dup			< 0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
469675 Orig			< 0.005	
469675 Dup			< 0.005	
469676 Orig			< 0.005	
469676 Split PREP DUP			< 0.005	
469679 Orig	< 0.03	663.29		
469679 Dup	< 0.03	663.31		
469680 Orig	< 0.03	589.09		
469680 Dup	< 0.03	589.05		
469681 Orig	< 0.03	641.67		
469681 Dup	< 0.03	641.69		
469682 Orig	< 0.03	685.98		
469682 Dup	< 0.03	685.98		
469689 Orig	< 0.03	580.76	< 0.005	
469689 Dup	< 0.03	580.76	< 0.005	
469696 Orig	< 0.03	531.56		
469696 Dup	< 0.03	531.56		
469699 Orig			< 0.005	
469699 Dup			< 0.005	
469701 Orig	< 0.03	584.77		
469701 Dup	< 0.03	584.74		
469702 Orig	< 0.03	531.17		
469702 Dup	< 0.03	531.18		
469703 Orig	< 0.03	577.26		
469703 Dup	< 0.03	577.24		
469704 Orig	< 0.03	436.12		
469704 Dup	< 0.03	436.12		
469709 Orig			< 0.005	
469709 Dup			< 0.005	
469718 Orig	< 0.03	605.61		
469718 Dup	< 0.03	605.62		
469719 Orig	0.25	576.72		
469719 Dup	0.23	576.72		
469724 Orig			0.033	
469724 Dup			0.044	
469726 Orig			< 0.005	
469726 Split PREP DUP			< 0.005	
469734 Orig			0.013	
469734 Dup			0.012	
469744 Orig			0.006	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
469744 Dup			0.006	
469747 Orig	< 0.03	640.70		
469747 Dup	< 0.03	640.70		
469758 Orig			0.005	
469758 Dup			0.005	
469764 Orig	0.34	588.94		
469764 Dup	0.33	588.94		
469766 Orig	< 0.03	658.87		
469766 Dup	< 0.03	658.85		
469767 Orig	0.09	627.95		
469767 Dup	0.09	627.92		
469768 Orig	< 0.03	669.99	0.018	
469768 Dup	< 0.03	669.99	0.018	
469769 Orig	0.47	665.63		
469769 Dup	< 0.03	665.61		
469770 Orig	0.24	588.72		
469770 Dup	0.13	588.72		
469776 Orig			0.298	
469776 Split PREP DUP			0.111	
469776 Orig	0.63	454.25		
469776 Dup	0.59	454.26		
469777 Orig	< 0.03	699.15		
469777 Dup	< 0.03	699.15		
469778 Orig			0.006	
469778 Dup			0.010	
469792 Orig			< 0.005	
469792 Dup			< 0.005	
469802 Orig			< 0.005	
469802 Dup			< 0.005	
469804 Orig	< 0.03	804.62		
469804 Dup	< 0.03	804.63		
469812 Orig			< 0.005	
469812 Dup			< 0.005	
469818 Orig	< 0.03	723.69		
469818 Dup	< 0.03	723.70		
469819 Orig	< 0.03	728.39		
469819 Dup	< 0.03	728.40		
469826 Orig			< 0.005	
469826 Split PREP DUP			< 0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
469827 Orig			< 0.005	
469827 Dup			< 0.005	
469830 Orig	< 0.03	766.24		
469830 Dup	< 0.03	766.25		
469837 Orig			< 0.005	
469837 Dup			< 0.005	
469839 Orig	< 0.03	830.94		
469839 Dup	< 0.03	830.95		
469847 Orig			< 0.005	
469847 Dup			< 0.005	
469853 Orig	< 0.03	823.99		
469853 Dup	< 0.03	824.00		
469854 Orig	< 0.03	444.96		
469854 Dup	< 0.03	444.96		
469861 Orig			< 0.005	
469861 Dup			< 0.005	
469863 Orig	< 0.03	905.14		
469863 Dup	< 0.03	905.14		
469869 Orig	< 0.03	708.14		
469869 Dup	< 0.03	708.14		
469871 Orig	< 0.03	583.44	< 0.005	
469871 Dup	< 0.03	583.44	< 0.005	
469876 Orig			< 0.005	
469876 Split PREP DUP			< 0.005	
469881 Orig			< 0.005	
469881 Dup			< 0.005	
469883 Orig	< 0.03	715.48		
469883 Dup	< 0.03	715.45		
469896 Orig			< 0.005	
469896 Dup			< 0.005	
469903 Orig	< 0.03	552.73		
469903 Dup	< 0.03	552.74		
469906 Orig			< 0.005	
469906 Dup			< 0.005	
469916 Orig			0.014	
469916 Dup			0.006	
469927 Orig			< 0.005	
469927 Split PREP DUP			< 0.005	
469931 Orig			< 0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
469931 Dup			< 0.005	
469941 Orig			< 0.005	
469941 Dup			< 0.005	
469951 Orig			< 0.005	
469951 Dup			< 0.005	
469965 Orig	< 0.03	598.37	< 0.005	
469965 Dup	< 0.03	598.36	< 0.005	
469975 Orig			< 0.005	
469975 Dup			< 0.005	
469977 Orig			0.009	
469977 Split PREP DUP			0.007	
469985 Orig			0.016	
469985 Dup			0.016	
469999 Orig			< 0.005	
469999 Dup			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
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Method Blank			< 0.005	
Method Blank			< 0.005	
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Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
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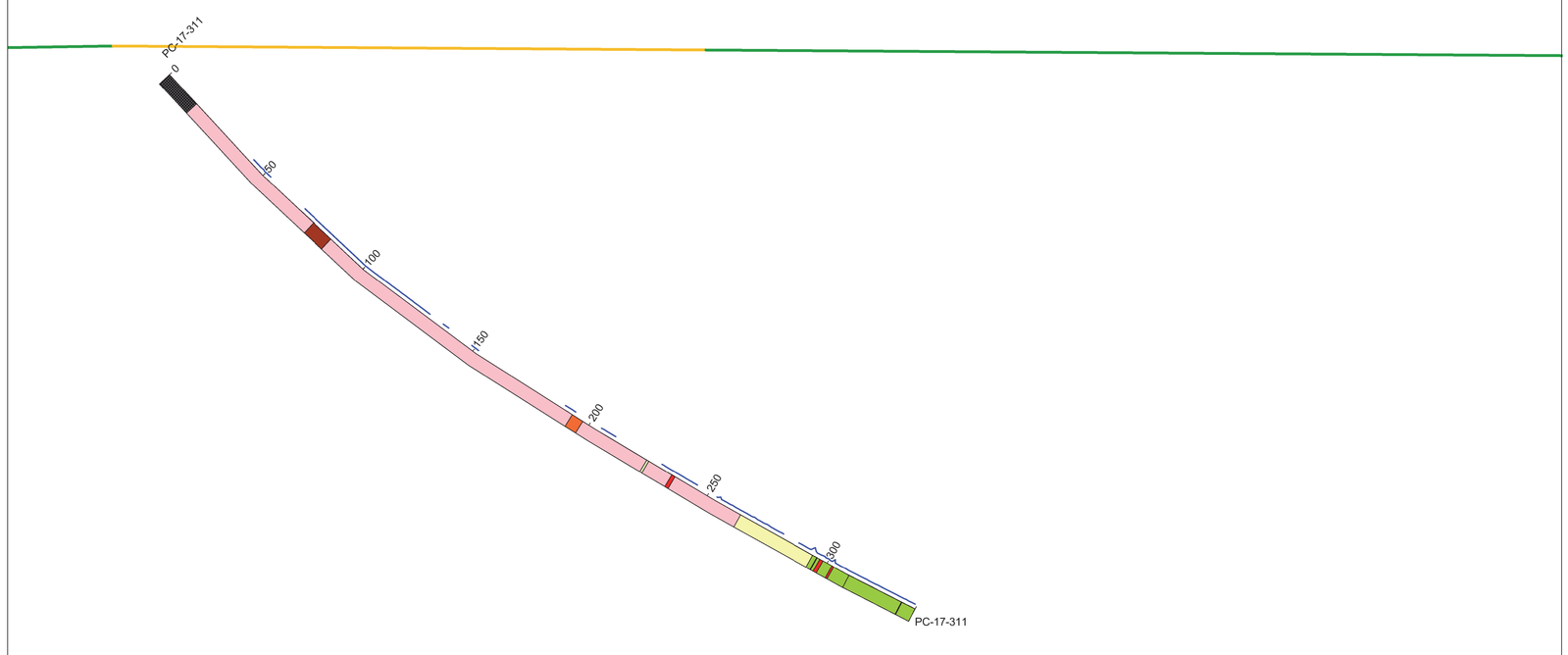
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	
Method Blank			< 0.005	

Analyte Symbol	Total Au	Total Weight	Au	Au
Unit Symbol	g/mt	g	g/mt	g/tonne
Lower Limit	0.03		0.005	0.02
Method Code	FA-MeT	FA-MeT	FA-AA	FA-GRA
Method Blank				< 0.02
Method Blank				< 0.02
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			
Method Blank	< 0.03			

Appendix III – Drill Hole Cross-Sections

5,709,100mN 5,709,050mN 5,709,000mN 5,708,950mN 5,708,900mN 5,708,850mN 5,708,800mN 5,708,750mN 5,708,700mN 5,708,650mN 5,708,600mN 5,708,550mN 5,708,500mN 5,708,450mN 5,708,400mN

600mRL 550mRL 500mRL 450mRL 400mRL 350mRL 300mRL 250mRL 200mRL 150mRL 100mRL 50mRL 0mRL -50mRL -100mRL -150mRL -200mRL -250mRL -300mRL -350mRL -400mRL



Legend

Phanerozoic

Quaternary

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 Ropelle
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, fault zone)
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
9b 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

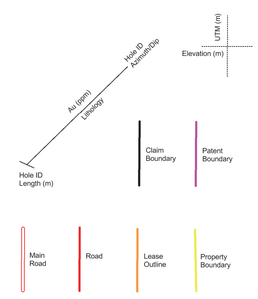
3 Unsubdivided
3a Massive lava flows (unsubdivided
3aa Amygdaloidal lava flows
3ab Quartz-feldspar porphyritic lava flows
3ac Feldspar porphyritic lava flows
3b Tuff (unsubdivided)
3ba Quartz-feldspar crystal tuff
3bb Feldspar crystal tuff
3bc Fragmental units (unsubdivided)
3bca Lithic tuff (fragments <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



First Mining Finance Corp.

Fladgate Exploration
consulting corporation

	2017 PC Gold Drill Program PC-17-311
Date: 07/06/2017	
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:1000	Projection: UTM (NAD83) Zone 15

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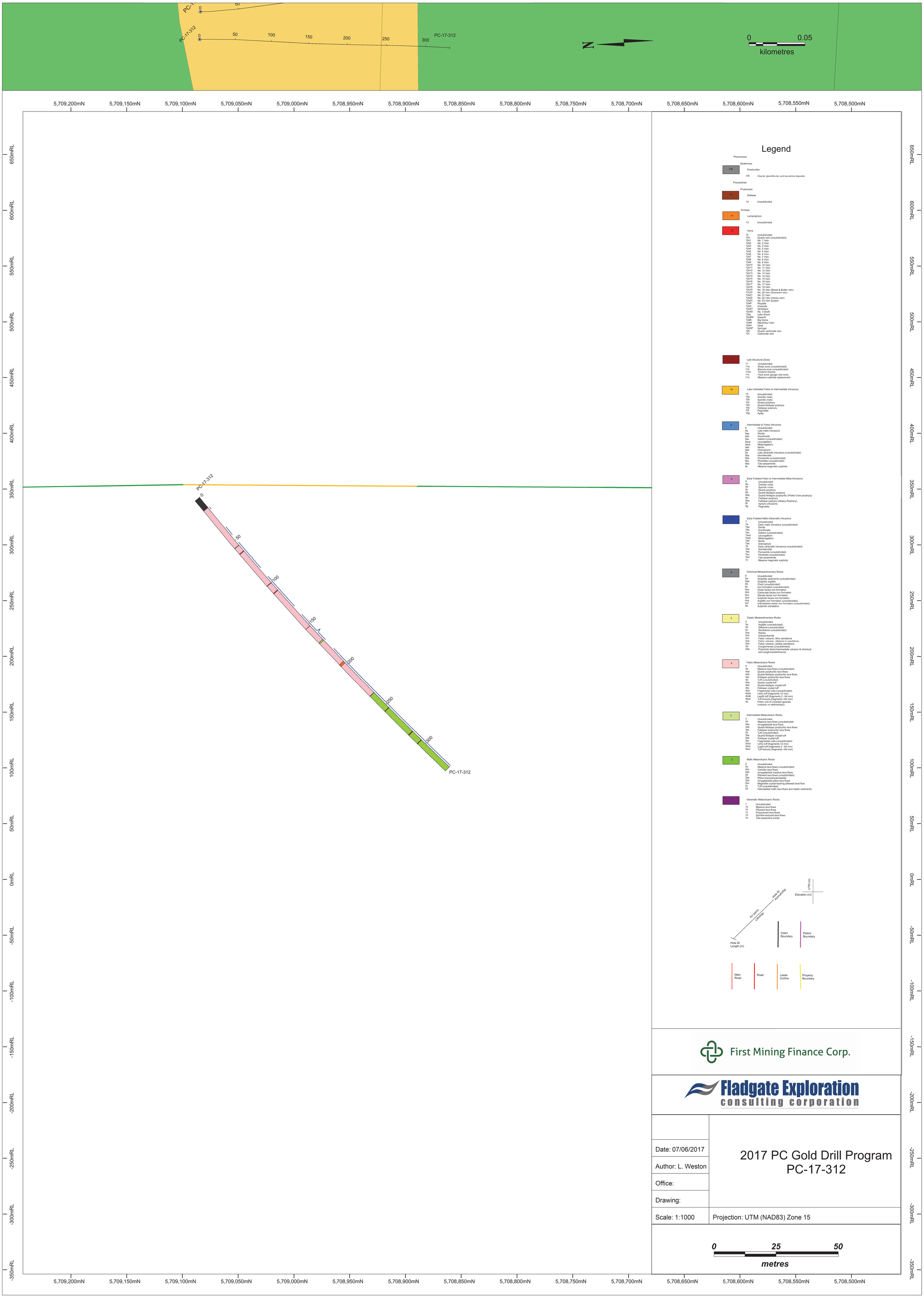
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50
100
150
200
250
300
N
0
0.05
kilometres
5,709,200mN
5,709,150mN
5,709,100mN
5,709,050mN
5,709,000mN
5,708,950mN
5,708,900mN
5,708,850mN
5,708,800mN
5,708,750mN
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150mRL
100mRL
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-50mRL
-100mRL
-150mRL
-200mRL
-250mRL
-300mRL
-350mRL
Legend
Phanerozoic
Quaternary
Overburden
OR Glacial, glaciofluvial, and lacustrine deposits
Precambrian
Proterozoic
Diabase
14 Unsubdivided
Archean
Lamprophyre
13 Unsubdivided
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 Ropelle
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 porphyry (Albany Porphyry)
8f Aphyric intrusions
8g Pegmatite
7
Early Foliated Mafic-Ultramafic Intrusions
7 Unsubdivided
7a Early mafic intrusions (unsubdivided)
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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
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Chemical Metasedimentary Rocks
6 Unsubdivided
6a Graphitic sediments (unsubdivided)
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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
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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)
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Intermediate Metavolcanic Rocks
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3bb Feldspar crystal tuff
3bc Fragmental units (unsubdivided)
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Mafic Metavolcanic Rocks
2 Unsubdivided
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2ac Variolitic lava flows
2ab Amygdaloidal massive lava flows
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2ba Pillow breccia/hyaloclastite
2bb Amygdaloidal pillow lava flows
2bc Magnetite crystal-bearing pillowed laval flow
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2d Intercalated mafic lava flows and clastic sediments
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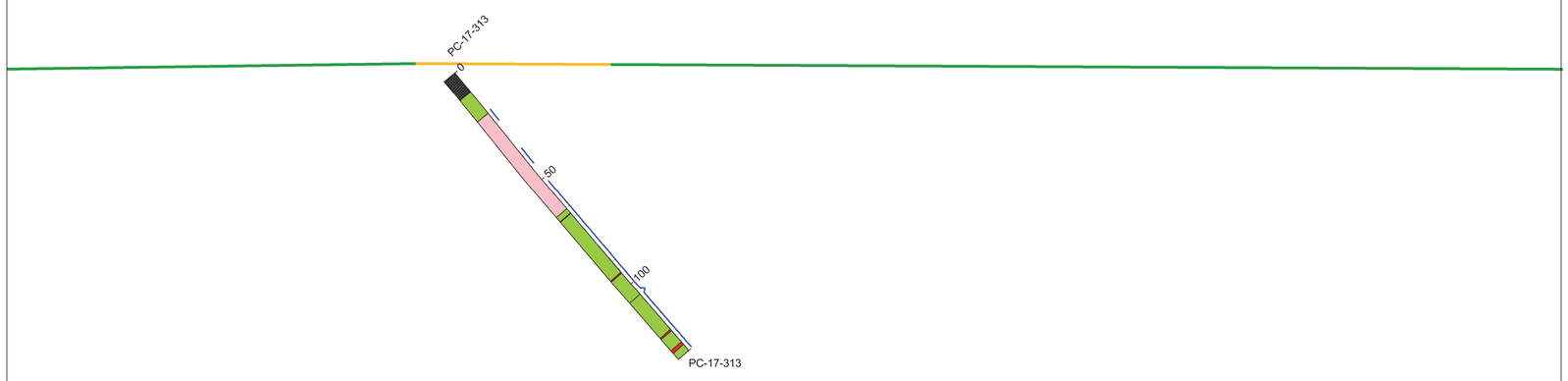
Ultramafic Metavolcanic Rocks
1 Unsubdivided
1a Massive lava flows
1b Pillowed lava flows
1c Polysutured lava flows
1d Spinifex-textured lava flows
1e Talc-serpentine schist
Hole ID
Azimuth/Dip
Au (ppm)
Lithology
Hole ID
Length (m)
UTM (m)
Elevation (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary
First Mining Finance Corp.
Fladgate Exploration
consulting corporation
Date: 07/06/2017
Author: L. Weston
Office:
Drawing:
2017 PC Gold Drill Program
PC-17-312
Scale: 1:1000
Projection: UTM (NAD83) Zone 15
0
25
50
metres

5,709,150mN 5,709,100mN 5,709,050mN 5,709,000mN 5,708,950mN 5,708,900mN 5,708,850mN 5,708,800mN 5,708,750mN 5,708,700mN 5,708,650mN 5,708,600mN 5,708,550mN 5,708,500mN 5,708,450mN 5,708,400mN

550mRL 500mRL 450mRL 400mRL 350mRL 300mRL 250mRL 200mRL 150mRL 100mRL 50mRL 0mRL -50mRL -100mRL -150mRL -200mRL -250mRL -300mRL -350mRL -400mRL



Legend

Phanerozoic

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13 Unsubdivided

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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
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12aH Hook
12aSP Springer
12b Quartz carbonate vein
12c Carbonate vein

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11a Shear zone (unsubdivided)
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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 pvrphyry
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 porphyry (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
Northing/Dip
Au (ppm)
Lithology
Hole ID
Length (m)
UTM (m)
Elevation (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary

First Mining Finance Corp.

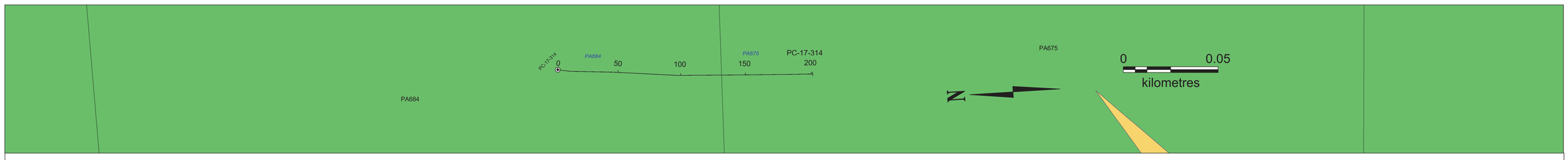
Fladgate Exploration consulting corporation

Date: 07/06/2017
Author: L. Weston
Office:
Drawing:

2017 PC Gold Drill Program
PC-17-313

Scale: 1:1000
Projection: UTM (NAD83) Zone 15

0 25 50
metres



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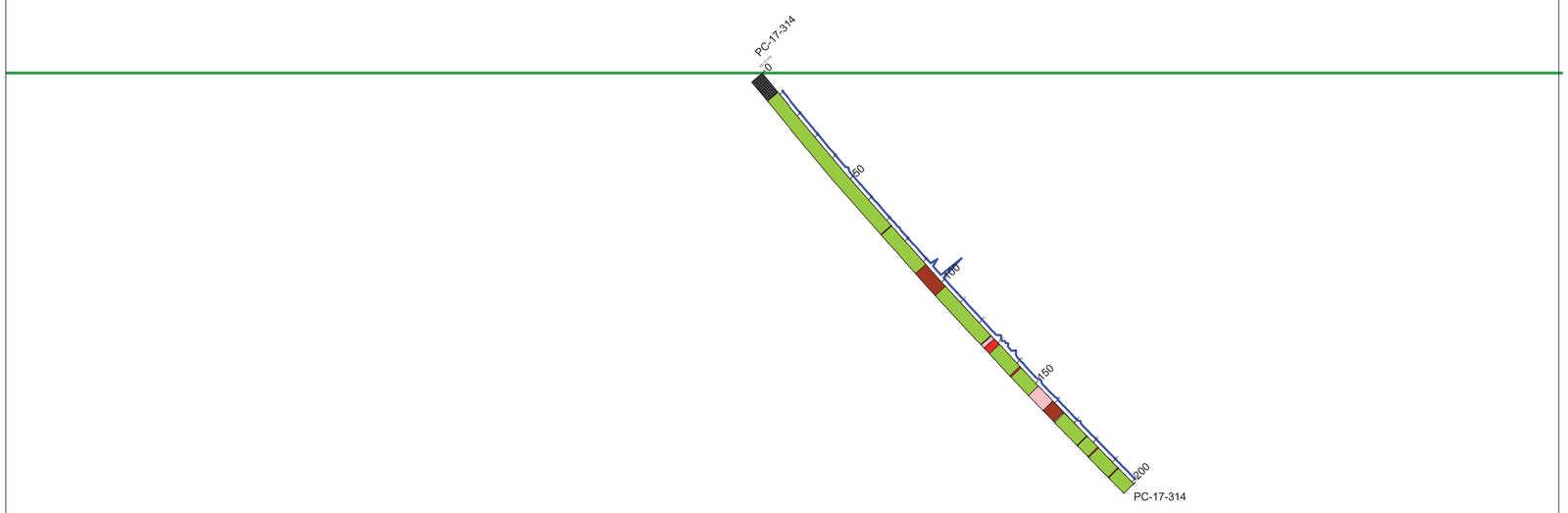
550mRL 500mRL 450mRL 400mRL 350mRL 300mRL 250mRL 200mRL 150mRL 100mRL 50mRL 0mRL -50mRL -100mRL -150mRL -200mRL -250mRL -300mRL -350mRL -400mRL -450mRL



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 Ropelle
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/Dip
Au (ppm)
Lithology
Hole ID
Length (m)
UTM (m)
Elevation (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary

First Mining Finance Corp.

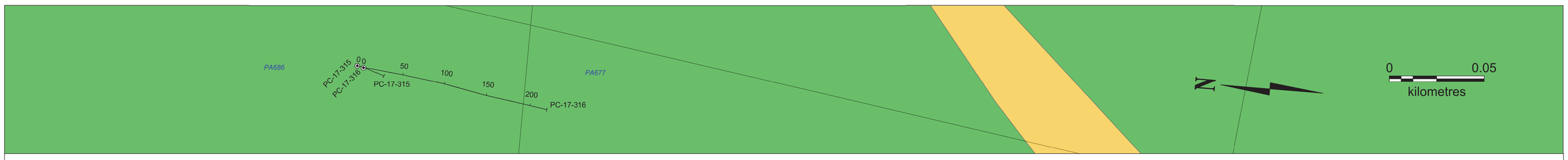
Fladgate Exploration consulting corporation

Date: 07/06/2017
Author: L. Weston
Office:
Drawing:

2017 PC Gold Drill Program
PC-17-314

Scale: 1:1000
Projection: UTM (NAD83) Zone 15

0 25 50
metres



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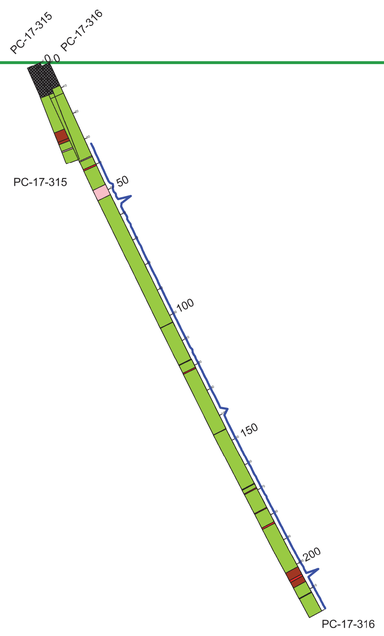
500mRL 450mRL 400mRL 350mRL 300mRL 250mRL 200mRL 150mRL 100mRL 50mRL 0mRL -50mRL -100mRL -150mRL -200mRL -250mRL -300mRL -350mRL -400mRL -450mRL -500mRL



Legend

Phanerozoic

Quaternary

Overburden

OB Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Proterozoic

14 Diabase

14 Unsubdivided

Archean

13 Lamprophyre

13 Unsubdivided

12 Veins

12 Unsubdivided
12x Quartz vein (unsubdivided)
12x1 No. 1 Vein
12x2 No. 2 Vein
12x3 No. 3 Vein
12x4 No. 4 Vein
12x5 No. 5 Vein
12x6 No. 6 Vein
12x7 No. 7 Vein
12x8 No. 8 Vein
12x9 No. 9 Vein
12x10 No. 10 Vein
12x11 No. 11 Vein
12x12 No. 12 Vein
12x13 No. 13 Vein
12x14 No. 14 Vein
12x15 No. 15 Vein
12x16 No. 16 Vein
12x17 No. 17 Vein
12x18 No. 18 Vein
12x19 No. 19 Vein (Bread & Butter vein)
12x20 No. 20 Vein (Dooryard vein)
12x21 No. 21 Vein
12x22 No. 22 Vein (Vanos vein)
12x23 No. 23 Vein System
12xR Riopelle
12xA Arsenide
12xST Strickland
12x3S No. 3 Shaft
12xL Lake Shore
12xSM Sawmill
12xB Big Dome
12xM MacArthur Vein
12xH Hook
12xSP 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)
3occ 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/dip
UTM (m)
Elevation (m)
Au (ppm)
Lithology
Hole ID
Length (m)
Claim Boundary
Patent Boundary
Main Road
Road
Lease Outline
Property Boundary

First Mining Finance Corp.

Fladgate Exploration consulting corporation

Date: 07/06/2017

Author: L. Weston

Office:

Drawing:

2017 PC Gold Drill Program PC-17-315 and -316

Scale: 1:1000

Projection: UTM (NAD83) Zone 15

0 25 50
metres

Appendix IV – Work Associated Dates and Costs

Drilling started on Feb 5, but there was planning beforehand. The crews were out there logging core until Mar 24. Assays date between Still writing assessment in June 2017 however.

2017 PC Gold Pickle Crow Total Expenses	Date From	Date To	Total
Professional Time	Jan 15, 2017	June 13, 2017	**$76,503.46**
Drilling Costs (1254 m @ $116.92/m)	Feb 5, 2017	Feb 27, 2017	**$146,618.70**
Equipment Rental Costs	Feb 1, 2017	March 17, 2017	**$12,085.00**
Assay Costs	March 16, 2017	April 18, 2017	**$27,719.48**
Food and Lodging Costs	Feb 1, 2017	March 17, 2017	**$10,766.39**
Fuel Costs	Feb 1, 2017	March 17, 2017	**$7,666.89**
General Expenses (e.g. shipping, snow plow, etc.)	Feb 1, 2017	March 17, 2017	**$3,598.66**
		Total	***$284,958.58***

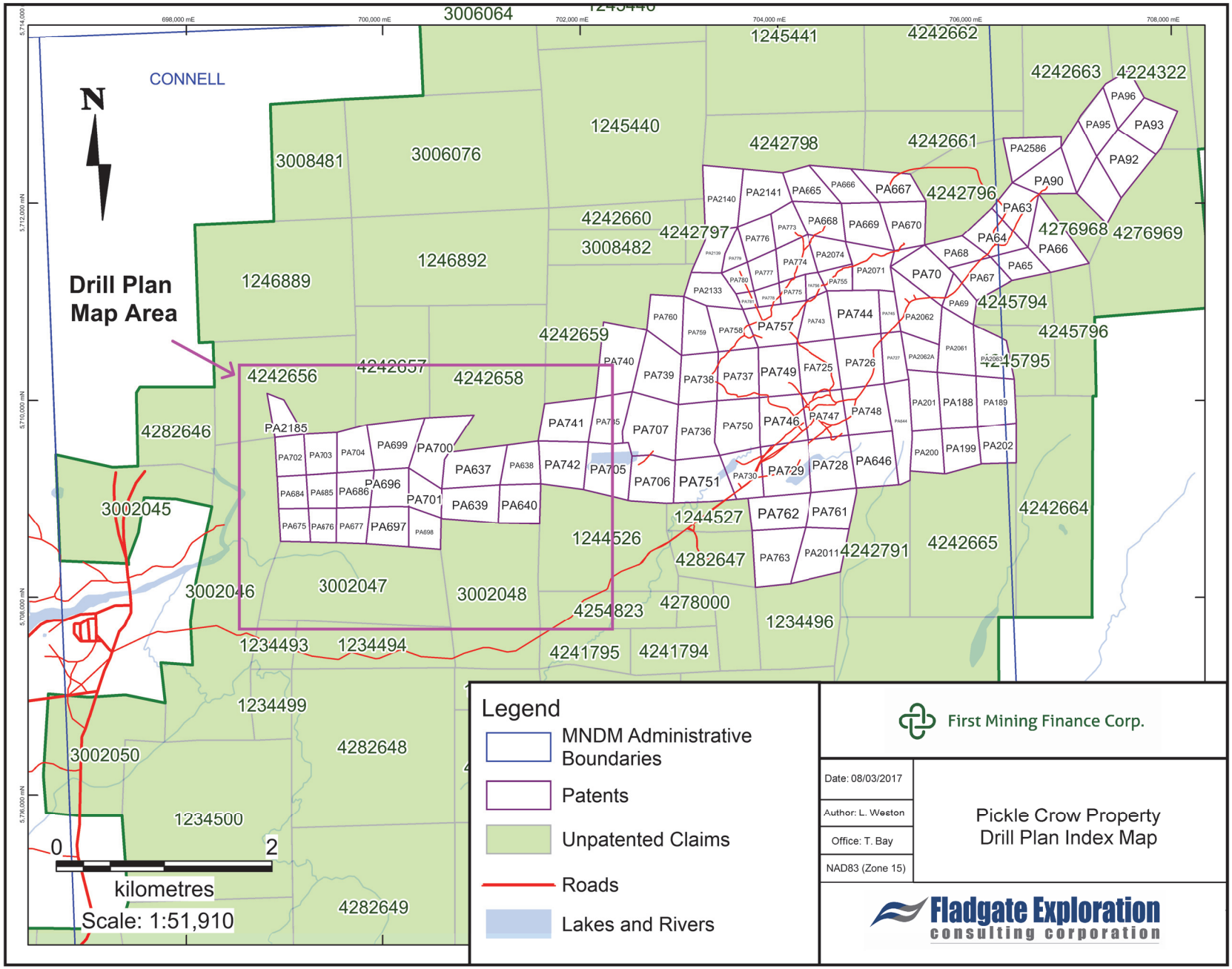
2016 Professional Time Code	Date Started	Date finished	Name	Days	Rate ($C)	Total ($C)
Program Planning/Supervision	Jan 15, 2017	March 17, 2017	Neil Pettigrew	12.05	$850.00	10,242.50
Program Planning	Jan 15, 2017	Feb 1, 2017	Dave Penna	3.7	$700.00	2,590.00
Program Planning	Jan 15, 2017	Feb 1, 2017	Carlos Chamale	17	$600.00	10,200.00
Planning, Drill Supervision/Logging	Feb 1, 2017	March 17, 2017	Jesse Koroscil	43.5	$600.00	26,100.00
Drill Supervision/Logging	Feb 1, 2017	March 17, 2017	Steve Greiner	35	$400.00	14,000.00
Geotechnical	Feb 1, 2017	Feb 7, 2017	Michael Garrett	7	$400.00	2,800.00
Geotechnical	Feb 15, 2017	Mar 16, 2017	Preston Skunk	26.5	$206.45	$5470.96
Report Writing	May 28, 2017	June 13, 2017	Lesley Weston	8.5	$600.00	$5,100.00
Total Professional Time				***153.25***		***$76,503.46***

Hole ID	Total Drilled Length (m)	Patent #1	Patent 1 Length %	Patent 1 total m	Patent 1 Drill cost	Patent #2	Patent Length %	Patent 2 total m	Patent 2 Drill cost
PC-16-311	336	PA696	63%	210	$24,553.37	PA697	38%	126	$14,732.02
PC-16-312	330	PA696	74%	245	$28,645.60	PA697	26%	85	$9,938.27
PC-16-313	132	PA640	100%	132	$15,433.55	---	---	---	---
PC-16-314	201	PA684	65%	130	$15,199.71	PA675	35%	71	$8,301.38
PC-16-315	36	PA686	100%	36	$4,209.15	---	---	---	---
PC-16-316	219	PA686	87%	190	$22,214.95	PA677	13%	29	$3,390.70
	Total	***1254***							

2017 Drill Costs: ***$146,618.70***

2017 Drill Cost/m: ***$116.92***

Patent #	Total Drilling $ per Patent
PA696	$53,198.97
PA640	$15,433.55
PA684	$15,199.71
PA686	$26,424.10
PA697	$24,670.29
PA675	$8,301.38
PA677	$3,390.70
Total	***$146,618.70***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4242663
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4242660
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3008482
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1246889
4276968
4276969
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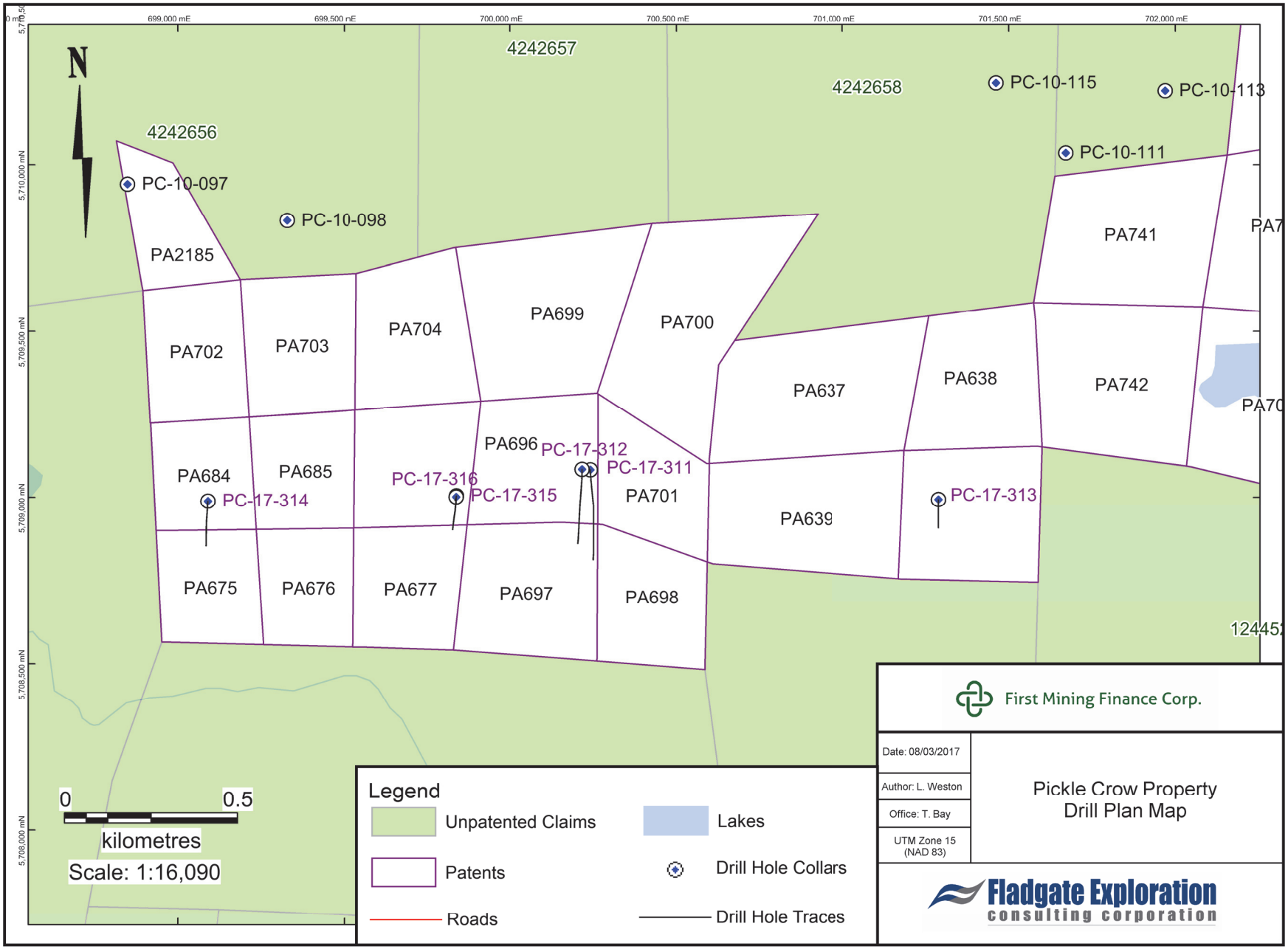
Patents
Unpatented Claims
Roads
Lakes and Rivers
First Mining Finance Corp.
Date: 08/03/2017
Author: L. Weston
Office: T. Bay
NAD83 (Zone 15)
Pickle Crow Property
Drill Plan Index Map
Fladgate Exploration
consulting corporation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Scale: 1:16,090
Legend
Unpatented Claims
Lakes
Patents
Drill Hole Collars
Roads
Drill Hole Traces
First Mining Finance Corp.
Date: 08/03/2017
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UTM Zone 15 (NAD 83)
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Texture Pick List

Texture Code	Code Description
ALLO	Allotriomorphic
AMYG	Amygdaloidal
APH	Aphanitic
BX	Brecciated
CG	Coarse-grained
D	Pegmatite
EQUI	Equigranular
FB	Flow-banded
FG	Fine-grained
FLT	Fault gouge
GLPH	Glomerophyric
GRAN	Granophyric
HETR	Heterogeneous
HNFL	Hornfels
HOMO	Homogeneous
HYPD	Hypidiomorphic
IDIO	Idiomorphic
LNTD	Lineated
MASS	Massive
META	Weakly metamorphosed
MG	Medium-grained
OPH	Ophitic
P	Pillowed
PEG	Pegmatitic
PM	Partial melt
PORPH	Porphyritic
PRBL	Porphyroblastic
REXD	Recrystallized
S	Spherulitic
SDBX	Sudbury breccia
VAR	Variolitic

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Mineralization Pick List

Style List		Type List	
Code	**Description**	**Code**	**Description**
Amyg	Filling Amygdules	ASP	Arsenopyrite
BL	Blebby	BN	Bornite
BX	Breccia	BNMILL	Bornite/Millerite
CG	Coarse-grained	CP	Chalcopyrite
CL	Clasts	CPPO	Chalcopyrite/pyrrhotite
CU	Cumulus	GN	Galena
DIS	Disseminated	MAG	Magnetite
E	Eyes	MI	Malachite
EX	Exsolution	MILL	Millerite
F	Fracture-controlled	PN	Pentlandite
FF	Fracture-filling	PO	Pyrrhotite
FG	Fine-grained	POCP	Pyrrhotite/chalcopyrite
Frag	Fragments	POCPPN	Pyrrhotite/chalcopyrite/pentlandite
ICU	Intercumulus	POPN	Pyrrhotite>pentlandite
INT	Interstitial	POPY	Pyrrhotite>Pyrite
Mass	Massive	PY	Pyrite
MG	Medium-grained	SPH	Sphalerite
Net	Net-textured	VG	Visible Gold
Rim	Rims		
SM	Semi-massive		
STR	Stringers		
TR	Trace		
VN	Veins		
Ws	Wisps		

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Alteration Pick List

Intensity List		Style List	
Code	**Description**	**Code**	**Description**
I	Intense	B	Banded
M	Moderate	Dis	Disseminated
MS	Moderate to Strong	F	Fracture Controlled
S	Strong	FF	Fracture Filling
W	Weak	INT	Interstitial
WM	Weak to moderate	MO	Mottled
		P	Pervasive
		PCH	Patchy
		PD	Pods
		SP	Spotted
		VN	Vein

Type List	
Code	**Description**
ACTL	Actinolite
Alb	Albite
Ank	Ankerite
BIO	Biotite
BL	Bleaching
Carb	Carbonate
CHL	Chlorite
EP	Epidote
Fu	Fuchsite
GAR	Garnet
GRPH	Graphitic
HE	Hematite
K	k-feldspar
MAG	Magnetite
Oxid	Oxidized
Qtz	Quartz
SA	Saussuritization
Ser	Sericite
SERP	Serpentinized
Sid	Siderite
Sil	Silica
TLC	Talc
UR	Uralitization

Structure Pick List

Structure Code	Code Description
AUG	Augen
BC	Broken core
BD	Bedded
BLKY	Blocky
BOUD	Boudinage
BX	Brecciation
CL	Cleavage
CNTR	Contorted
DSK	Disking
F	Fractured
FD	Folded
FLT	Fault
FOL	Foliated
G	Gouge
GN	Gneissic
JNTS	Joints
LAM	Laminated
LC	Lower contact
MYL	Mylonitic
S	Schistose
SHR	Shear
SLK	Slickensides
UC	Upper contact
VN	Veins

Age	Rock Code	Description
Quaternary		
	15	**Overburden (Unsubdivided)**
Proterozoic		
	14	**Diabase (Unsubdivided)**
Archean		
	13	**Lamprophyre (Unsubdivided)**
	12	**Veins (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 (E Zone)
	12a18	No. 18 Vein (D Zone)
	12a19	No. 19 Vein
	12a20	No. 20 Vein
	12a21	No. 21 Vein
	12a22	No. 22 Vein
	12a23	No. 23 Vein
	12aR	Riopelle
	12aA	Aresenide
	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 (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 (Unsubdivided)**
	10a	Granitc rocks
	10b	Syenitic rocks
	10c	Quartz porphyry
	10d	Quartz-feldspar porphyry
	10e	Feldspar porphyry
	10f	Pegmatite
	10g	Aplite
	9	**Late Unfoliated Mafic-Ultramafic intrusions (unsubdivided)**
	9a	Late Mafic intrusions (Unsubdivided)
	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 (Unsubdivided)**
	8a	Granitc rocks
	8b	Syenitic rocks
	8c	Quartz porphyry
	8d	Quartz-feldspar porphyry
	8da	Quartz-feldspar porphyritic Pickle Crow Porphyry
	8e	Feldspar porphyry
	8ea	Feldspar porphyry Albany Porphyry
	8f	Aphyric intrusions
	8g	Pegmatite
	7	**Early Foliated Mafic-Ultramafic intrusions (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 (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
	6cd	Argillitic iron formation (unsubdivided)
	6ce	Interbedded clastic iron formation (unsubdivided)
	6d	Sulphidic exhalative
	5	**Clastic Metasedimentary Rocks (Unsubdivided)**
	5a	Argillite (unsubdivided)
	5b	Siltstone (unsubdivided)
	5c	Sandstone (unsubdivided)
	5ca	Wacke
	5cb	Arkose/Arenite
	5cc	Wacke
	5cd	Felsic volcanic, sandstone to siltstone
	5ce	Felsic volcanic, Pebbly Sandstone
	5d	Conglomerate (unsubdivided)
	5da	Polymictic flesic/intermediate volcanic & chemcial sed conglomerate/breccia
	4	**Felsic Metavolcanic Rocks (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 are up to 2mm in size)
	4bdb	Lapilli tuff (fragments are 2mm to 64 mm in size)
	4bdc	Tuff breccia (fragments are >64 mm in size)
	4d	Felsic unit of uncertain genesis (volcanic or sedimentary)
	3	**Intermediate Metavolcanic Rocks (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 are up to 2mm in size)
	3bcb	Lapilli tuff (fragments are 2mm to 64 mm in size)
	3bcc	Tuff breccia (fragments are >64 mm in size)
	2	**Mafic Metavolcanic Rocks (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 pillowed lava flows
	2bc	Magnetite crystal bearing pillowed laval flow
	2c	Tuff (unsubdivided)
	2d	Intercalated mafic lava flows and clastic sediments
	1	**Ultramafic Metavolcanic Rocks (Unsubdivided)**
	1a	Massive lava flows
	1b	Pillowed lava flows
	1c	Polysutured lava flows
	1d	Spinifex-textured lava flows
	1e	Talc-serpentine schist