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PACTON GOLD

PAC : TSX-V

TECHNICAL ASESSMENT REPORT ON THE 2019-2021 DIAMOND DRILL PROGRAM

RED LAKE GOLD PROJECT MAIN BLOCK

RED LAKE, ONTARIO

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1. Summary

This report details the results of drilling undertaken by Pacton Gold Inc. ("Pacton") on its Red Lake Gold Project Main Block ("Main") between October 2019 and January 2021. The primary objective of the drill campaign was to test the presence of economic gold mineralization in various zones across the property. Many of the drill targets were based on a combination of chargeability and resistivity anomalies identified by the induced polarization survey that Pacton conducted during the 2020 summer field season. Others were generated from the results and interpretation of Pacton's soil sample program conducted during the 2020 summer field season.

Two diamond drilling phases were completed for a total of 21,021 m drilled. The first phase of drilling was conducted between October 18th, 2019 and May 22nd, 2020 with a break from December 16th, 2019 to January 6th, 2020 totalling 196 days of drill operation. The drilling was performed by Machines Roger International from Val-d'Or, QC. The first phase of drilling consisted of 39 diamond drill holes totalling 12,100 m. Much of the drilling was concentrated around the historical gold occurrences Boyden and Carricona, and along the LP Fault in the southwestern end of the property.

The second phase of drilling was conducted between October 4th, 2020 and March 19th, 2021 with a break from December 18th, 2020 to January 5th, 2021 totalling 148 days of drill operation. The drilling was performed by Nordik Drilling from Val-d'Or, QC. The second phase of drilling consisted of 26 diamond drill holes totalling 8,921 m.

The work related to the drill program was performed for Pacton Gold Inc. by a multitude of contractors, including geologists, core loggers, geotechnicians, surface diamond drillers, and heavy equipment operators. The physical activities undertaken during this program and included in this report are; surface diamond drilling, core logging, core sampling, core cutting, and trail construction. The core logging, sampling, and supervision of the drill program were carried out by Pacton personnel at its core shack in Cochenour, ON. The core has been temporally stored at Petroleum Products on Nungesser Road, Balmertown, ON. Samples were prepared by Pacton personnel and contractors and sent for assay to SGS Canada Inc Laboratory in Red Lake, ON.

Drilling, core logging, assaying, and other general logistics are further described in this report.

The coordinate system referenced in the report is UTM NAD 83 and the property falls in Zone 15N.

1.1 Summary of the Results, Conclusions, and Recommendations

Table 1: Highlighted Results

Hole ID	From (m)	To (m)	Length (m)	Au (g/t)	Prospect
PAC-20-017	16.3	16.8	0.5	17.2	Carricona
PAC-20-032	246.5	247.0	0.5	0.4	Faulkenham
PAC-20-036	312.9	314.0	1.1	0.3	IP Target
PAC-20-038	357.0	358.0	1.0	0.3	IP Target
PAC-20-042	232.0	240.0	8.0	0.3	Faulkenham
PAC-20-042	248.0	266.2	18.2	0.4	Faulkenham
PAC-20-043	40.0	48.0	8.0	0.7	Faulkenham
PAC-20-044	237.0	246.0	9.0	0.2	Faulkenham
PAC-20-045	79.0	79.8	0.8	1.3	Faulkenham
PAC-21-060	1364.0	1368.0	4.0	0.3	Carricona
PAC-21-061	8.0	10.0	2.0	0.6	Carricona
PAC-21-062	68.0	73.0	5.0	0.3	Carricona

The Red Lake Gold Project's Main block is a large claim package. The claim package has been investigated by dozens of previous explorers, but always in much smaller, isolated tranches. Much of the claim package is underexplored by the nature of its poor accessibility. To date, Pacton has built a 47.1 km trail network, lowering the barrier to effectively explore the claim. With a contiguous claim package of unpreceded size in the area Pacton seeks to contextualize, connect, and further explore previous operator results, historical showings, and its own results.

Exploration at the Red Lake Gold Project's Main block should continue. High grade showings and historical results are poorly explained and constrained. Expansive soil sampling, targeted outcrop stripping, and further compilation will generate prospective targets for future diamond drilling.

2. Property Location, Description, and Ownership

The Red Lake Gold Property is located in the Red Lake Mining District in northwestern Ontario. The claim package occurs within the Balmer, Ranger, Baird, Heyson, and Byshe townships (**Figure 1**). The closest populated centers are the towns of Red Lake, located less than 1 kilometre to the northwest of the Property, Madsen, located approximately 2 kilometres west of the Property, and Balmertown, located approximately 4.5 kilometres north of the Property. The property is accessible from the town of Red Lake by driving 1 kilometre southeast on Highway 105.

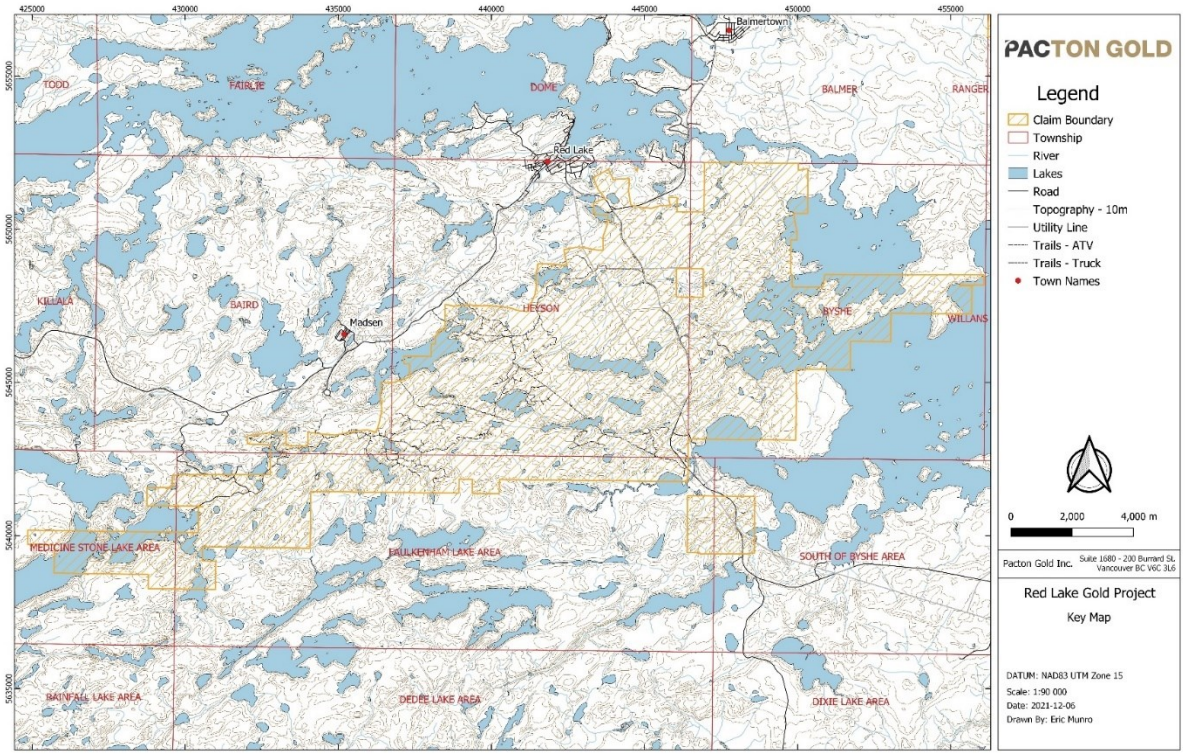

Figure 1: Key Map - Red Lake Gold Project

The Red Lake Gold Property Main block consists of 718 claims comprising a total of 214.04 square kilometres or 21,404 hectares, all held 100% by Pacton. These claims are contiguous and form a single irregular block. A complete list of tenure numbers, anniversary dates, and ownership for these mineral claims is contained in Appendix I.

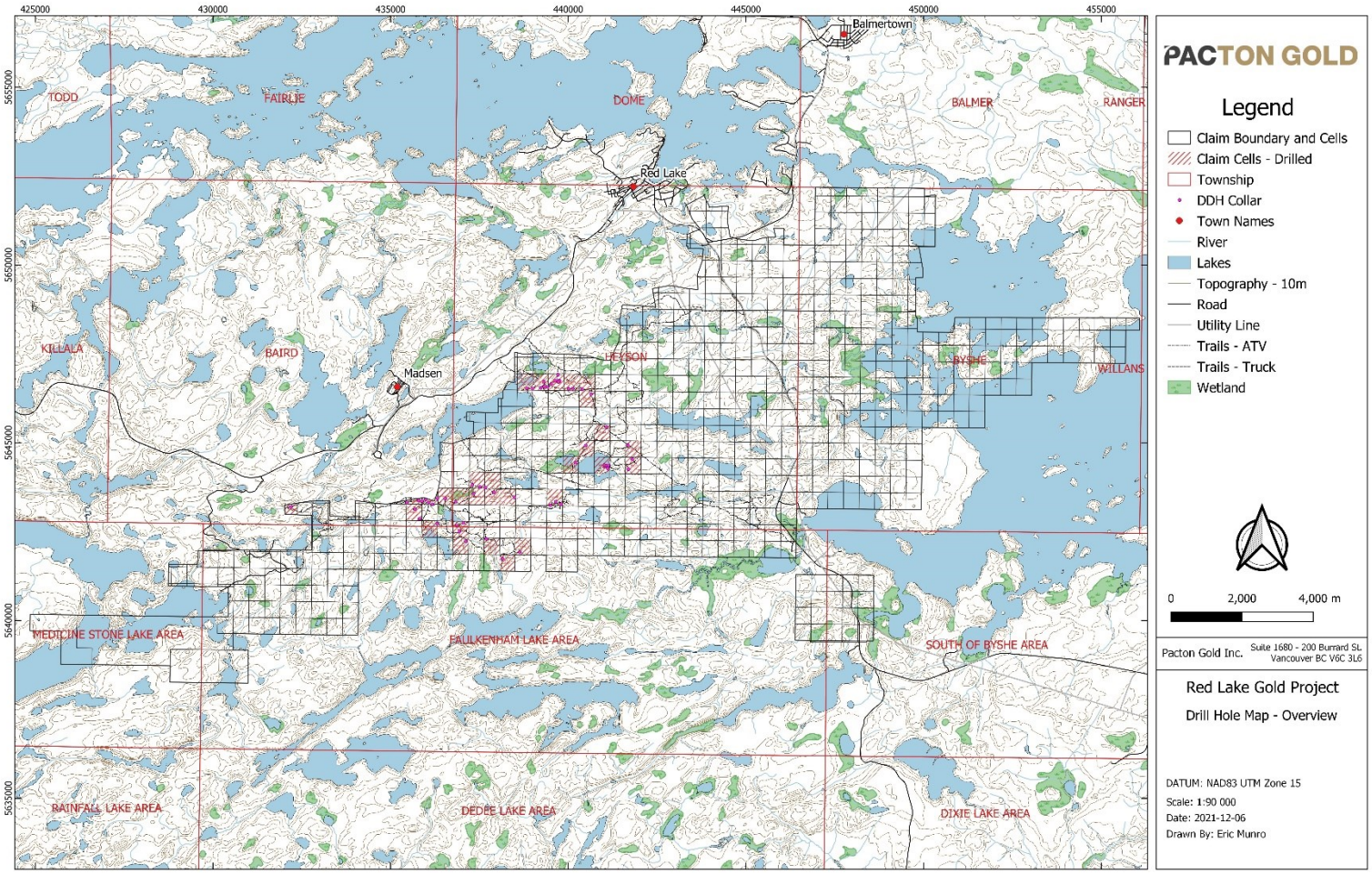

Figure 2 : Claim Location – Drill Hole Map

3. Property History of Exploration

The Carricona area was the subject of multiple exploration programs over the last decades. Much of the most extensive work, including trenching, pitting, and drilling, is poorly documented. However, in 1988, Goldbrae Developments remapped and sampled many of the historic trenches and pits returning a maximum value of 4.73 ppm gold. The best values came from steep east trending quartz veins at the contacts of felsic and intermediate volcanic units or associated with porphyritic quartz-feldspar dykes.

Noramco Exploration drilled 11 diamond drill holes in 1988, two of which were drilled in the Boyden area (Assessment files 52K13NW0006 and 52K13NW0009). NB-88-01 was drilled west of Boyden Lake approximately on strike with the Boyden showing. No assay results were published on this hole. NB-88-08 was drilled at the southern base of the Boyden Peninsula. No anomalous results were returned from this drilling and no quartz veins were logged.

In the MD Corridor four diamond drill-holes (389 m total – Assessment files 52K13NW0038 & 20002570) were undertaken over the course of two different programs. Sulphide stringers, anomalous (<0.9 g/t) gold,

silver, and copper were intersected over 10 m. The best assay returning 2.3 g/t Au and 2.08% Cu over 3.5' (1.1m) hosted in a 'massive sulphide' horizon within a mafic volcanic (biotite schist) unit.

The Claremont area has previously been investigated by, among others, Noranda Exploration and Noramco for its VMS potential (Assessment file 52K13NW2001). Chemical metasedimentary rocks associated with massive sulphide horizons were reported and confirmed in the 2019 bedrock mapping. Noranda conducted grid mapping, sampling, and the drilling of 10 diamond drill holes in the Claremont area. However, only base metals were assayed. Noramco Exploration drilled 11 diamond drill holes in 1988, two of which are in the Claremont area (Assessment File 52K13NW006). The highest grading intervals are 2.54 g/t Au over 0.71 m in a strongly magnetic garnet-rich zone within an intermediate volcanic tuff and 2.38 g/t Au over 1.67 m in a gabbroic intrusive.

Table 2 : Significant historical results on Main, Red Lake Gold Project

Location	Type	Grade (Au)	Company	Description
Northern Property	Drill hole (H03-03)	24 g/t over 1 m	SkyHarbour Resources (2003)	D2 shear hosted veining on mafic volcanic contact.
Central Property	Trench Samples	121.4 g/t, 80.6 g/t, 33 g/t	East West Resources (1997)	Boyden area trenches on sheared mineralized felsic/mafic contact with visible gold.
Boyden main showing	Grab Sample	35.7 g/t	Boyden Lake Gold Mines (1936)	Sheared mafic contact with veining.
Boyden Showing	Trench Sample (MJ-H-02-02)	133 g/t	Sunridge Gold Corp. (2002)	Sheared felsic/mafic contact with mineralized felsic porphyry.
Carricona Zone	Pit/Trench Sample	15.9 g/t	Goldbrae Developments (1938)	Pit #6, D2 shear at mineralized felsic intrusive contact.
Northwestern Property	Pit/Trench Sample	37.3 g/t, 8.7 g/t	Heyson Red Lake Gold Mines (1936)	Pit#3, D2 shear at mineralized felsic intrusive contact.
Southwestern Property	Drill hole (SB-06-09)	0.26 g/t over 10.32 m	United Bolero (2006)	Felsic intrusive contact shear zone.

Table 3 : Significant historical working on Main, Red Lake Gold Project

Assessment File Number	Company	Year	Claim	Report Type
52K13NW0026	Sullivan Stodgell	????	Main	Diamond Drilling
52K13NW0022	J Denny	????	Main	Diamond Drilling
52K13NW0040	Childs Gold Mines Ltd	1951	Main	Diamond Drilling
52K13NW0030	Rockroft Exploration Limited	1959	Main	Diamond Drilling
52N04SW0218	Olson	1959	Main	Diamond Drilling
52N04SW0213	Currie	1964	Main	Diamond Drilling
52N04SE0134	Peterson Red Lake Mines Ltd	1965	Main	Diamond Drilling
52N04SW0177	Peterson Red Lake Mines Ltd	1966	Main	Diamond Drilling
52F08SE0022	Cochenour Willans Gold Mines	1969	Main	Diamond Drilling
52N02SE9928	Hudson Bay Exploration	1973	Main	Diamond Drilling
52K13NW0018	MS Powley	1974	Main	Diamond Drilling
52K13NW0068	Claremont Mines Ltd	1975	Main	Diamond Drilling
52K13NW0154	Claremont Mines Ltd	1975	Main	Diamond Drilling
52K13NW0017	Selco Mining Corp Ltd	1976	Main	Diamond Drilling
52N04SW0596	Harbringer Exploration Ltd	1980	Main	Diamond Drilling
52K13NW0013	Minorex Ltd	1982	Main	Surface Samples and Geological Map
52K13NW0010	William McNerney	1987	Main	Surface Samples
52K13NW0006	Cdn Industrial Minerals	1988	Main	Diamond Drilling

52N04SE0271	Cdn Industrial Minerals	1988	Main	Geological Report
52K13NW0009	Cdn Industrial Minerals	1988	Main	Diamond Drilling
52K13NW0003	Goldbrae Developments Ltd	1988	Main	Surface Samples
52N04SW9994	Herbert Bobinski	1990	Main	Diamond Drilling
52N04SW0300	C W Peterson	1991	Main	Diamond Drilling
52K13NW0027	AJ Maciejewski	1991	Main	Geological Map
52K13NW0032	Loydex Resources Inc	1995	Main	Diamond Drilling and Surface Samples
52K13NW0039	East West Resources Corporation	1997	Main	Diamond Drilling and Geophysics
52K13NW2004	Noranda Mining and Exploration Inc	1998	Main	Diamond Drilling and Geological Report
52K13NW2001	Noranda Mining and Exploration Inc	1998	Main	Diamond Drilling
52N04SW2006	Herbert	1998	Main	Diamond Drilling
52N04SE2001	First Point Minerals Corp	1998	Main	Surface Samples, Soil Samples, Stream and Lake Sediment Samples
52K13NW2005	Perry English	1999	Main	Surface Samples
52K13NW2009	Sunridge Gold Corp	2002	Main	Surface Samples and Soil Samples
52K13NW2008	Ansil Resources	2002	Main	Surface Samples and Soil Samples
52K13NE2007	Skyharbour Resources Ltd	2003	Main	Diamond Drilling, Overburden Drilling, and Surface Samples
20001657	Skyharbour Resources Ltd	2004	Main	Diamond Drilling
20000001471	Solitaire Minerals Corp	2006	Main	Diamond Drilling
20000001418	Ronald Melville	2006	Main	Surface Samples
20000001999	Solitaire Minerals Corp	2007	Main	Diamond Drilling
20000003283	Ronald Melville	2008	Main	Surface Samples
20000006580	Perry English	2009	Main	Surface Samples and Soil Samples
20000007599	Solitaire Minerals Corp	2011	Main	Diamond Drilling
20000006376	DiaMine Explorations Inc 2011	2011	Main	Soil Sampling
20000005130	DiaMine Explorations Inc 2011	2011	Main	Soil Sampling
20000007795	Perry English	2012	Main	Surface Samples
20000007455	LK Herbert	2012	Main	Surface Samples and Geological Map
20000009134	Goldcorp	2013	Main	Surface Samples

4. Regional Geology

The Red Lake Greenstone Belt ("RLGB") lies within the Uchi Subprovince of the Superior Structural. The Uchi Subprovince is a narrow (80 km), elongate, east-west trending volcano-sedimentary belt that is exposed for 600 km from Lake Winnipeg in the west to the Hudson Platform in the east. Its western and eastern extensions are overlain by unmetamorphosed Phanerozoic rocks. It is bordered to the north by the Berens River Subprovince.

Five main assemblages have been recognized within this greenstone belt, representing approximately 300 million years of volcanism, sedimentation, deformation, and mineralization. Four assemblages have been identified as Meso-Archean (3.0 Ga) in age, of which three are volcanic assemblages. The three volcanic assemblages, from oldest to youngest, are the Balmer, Ball, and Bruce Channel Assemblages. The fourth assemblage, Slate Bay Assemblage, is a sedimentary sequence. The fifth assemblage, Confederation Assemblage, is a Neo-Archean (2.6 Ga) volcanic succession (Sandborn-Barrie et al, 2000).

Komatiitic – basaltic (tholeiitic) interlayered flows, mafic – ultramafic intrusives, minor felsic metavolcanics, clastic metasediments (wakes and argillites), and chert – magnetite iron formations comprise the Balmer Assemblage. This assemblage constitutes 50% of the greenstone belt. The Bell Assemblage consists of

komatiitic to tholeiitic basalts, intermediate pyroclastics and felsics volcanics and interlayered chemical metasediments. The felsic volcanics that lie stratigraphically higher are calc-alkaline in nature. The metasediments include chert – magnetite iron formation and dolomitic marble – chert units. A tectonic contact has been inferred between these two assemblages based on their opposing "facing" directions (after Sandborn-Barrie et al, 2000, Andrews et al, 1986, and Pirie, 1981).

The volcanic units within the Bruce Channel Assemblage include intermediate pyroclastics (well bedded lapilli tuffs and pumice units). The clastic metasediments vary from poorly sorted conglomerates to thinly bedded wackes. There is a chert – magnetite iron formation at the top of the Bruce channel Assemblage that can be traced along much of its length. Local observations near Cochenour indicate that the Bruce Channel Assemblage lies disconformably on the Balmer Assemblage (after Sandborn-Barrie et al, 2000).

Slate Bay Assemblage consists of clastic metasedimentary units, including feldspathic wackes interbedded with lithic wackes and argillites; conglomerates, quartzose arenites and grits. The quartz-rich clastic metasediments contain clasts of vein quartz, felsic volcanics, and fushsitic material.

The Confederation Assemblage, the Neo-archean volcanic assemblage, consists of intercalated felsic to mafic metavolcanic flows, pyroclastics, and metasediments of volcanic provenance. The volcanics towards the base of the sequence are tholeiitic in composition while higher in the stratigraphic sequence they are calc-alkaline. The Confederation Assemblage is in "unconformable" contact with both the Balmer and the Bruce Channel Assemblages.

Three main episodes of felsic plutonism are recognized within the belt. The first coincided with the end of the "Confederation" volcanism ca, 2.73 Ga. This episode includes the Douglas Pluton, Little Vermillion Lake Batholith and Red Crest Stock. The second phase was around 2.72 Ga and includes Hammell Lake Pluton, McKenzie Lake Pluton, and Dome Stock. The third phase dated around 2.7 Ga includes the Walsh Lake Pluton and the Killala-Baird Batholith (Sandborn-Barrie et al, 2000).

The rocks in the belt have been affected by extensive hydrothermal alteration, metamorphism, and subsequent epigenetic vein-type alteration associated with gold mineralization. The hydrothermal alteration is characterized by a depletion in Na2O3, CaO, and MgO and an enrichment in Al2O3, SiO2, CO2, K2O, MnO, As, Sb, S, and total Fe. Primary volcanic and sedimentary structures are well preserved in most parts of the belt (Sandborn-Barrie et al, 2000).

Most of the productive areas of the Red Lake gold camp are underlain by tholeiitic to komatiitic mafic and ultramafic volcanics and that past and present production zones occur within highly altered metavolcanics at or near the stratigraphic top of the Balmer sequence.

5. Property Geology

The Property area and surrounding was mapped by various government geologists and mineral companies over the course of several decades. Several geological maps were produced by the Ontario Department of Mines (ODM), Ontario Geological Survey (OGS) and the Geological Survey of Canada (GSC). Geology maps 49A & 49B (1940), P.2125 (1967), P.2213 (1979), P.2385 (1981), P.3107 (1991), P.3227 (1993), P.3196 (1993), P.3197 (1993) and OF 2876 (1996) have partially or fully covered the Red Lake Greenstone belt area within the Baird, Medicine Stone Lake Area, Faulkenham Lake Area, Heyson, Balmer, Byshe, South of Byshe

Area, Ranger and Willans townships where the Property is located. The local property geology map with the current property boundary is presented in **Figure 3**.

Meso to Neoarchean metavolcanics and intrusive rocks largely underlie the property area. The metavolcanics range in composition from mafic to intermediate to felsic rock units and belong to the Confederation Assemblage. These rock units strike in a general east- northeast direction and dipping southward. Toward the west of the property, the Faulkenham Lake Stock, a biotite granodiorite, is exposed. There are several small satellite intrusions probably related to the Faulkenham Stock. The metamorphic grade of the area varies from amphibolite adjacent to the intrusive bodies to greenschist facies away from intrusive bodies.

The general metavolcanic succession consists of mafic metavolcanics at the base with the succession becoming progressively more felsic in the upper part of the sequence. Metasedimentary units derived from the erosion of these volcanic flows interfinger the volcanic sequence. These supracrustal rocks are then folded, faulted, and intruded by granitic plutons. Metavolcanics within the property area are composed of mafic metavolcanics flanked toward the north and south by intermediate metavolcanics, which are interpreted to be a west-plunging antiform - synform. There also several minor subsidiary folds structures present within the Property. These are developed along regional deformation zones which also have a strong influence on the distribution of gold mineralization. Part of the project area is underlain by the Heyson tholeiitic sequence, which is dominated by a thick succession of tholeiitic felsic volcanic rocks. Heyson basalt and andesite are primarily tholeiitic, but locally overlie calc-alkalic tuff and are intercalated with calc-alkalic volcanic rocks (San-born Barrie et al 2001).

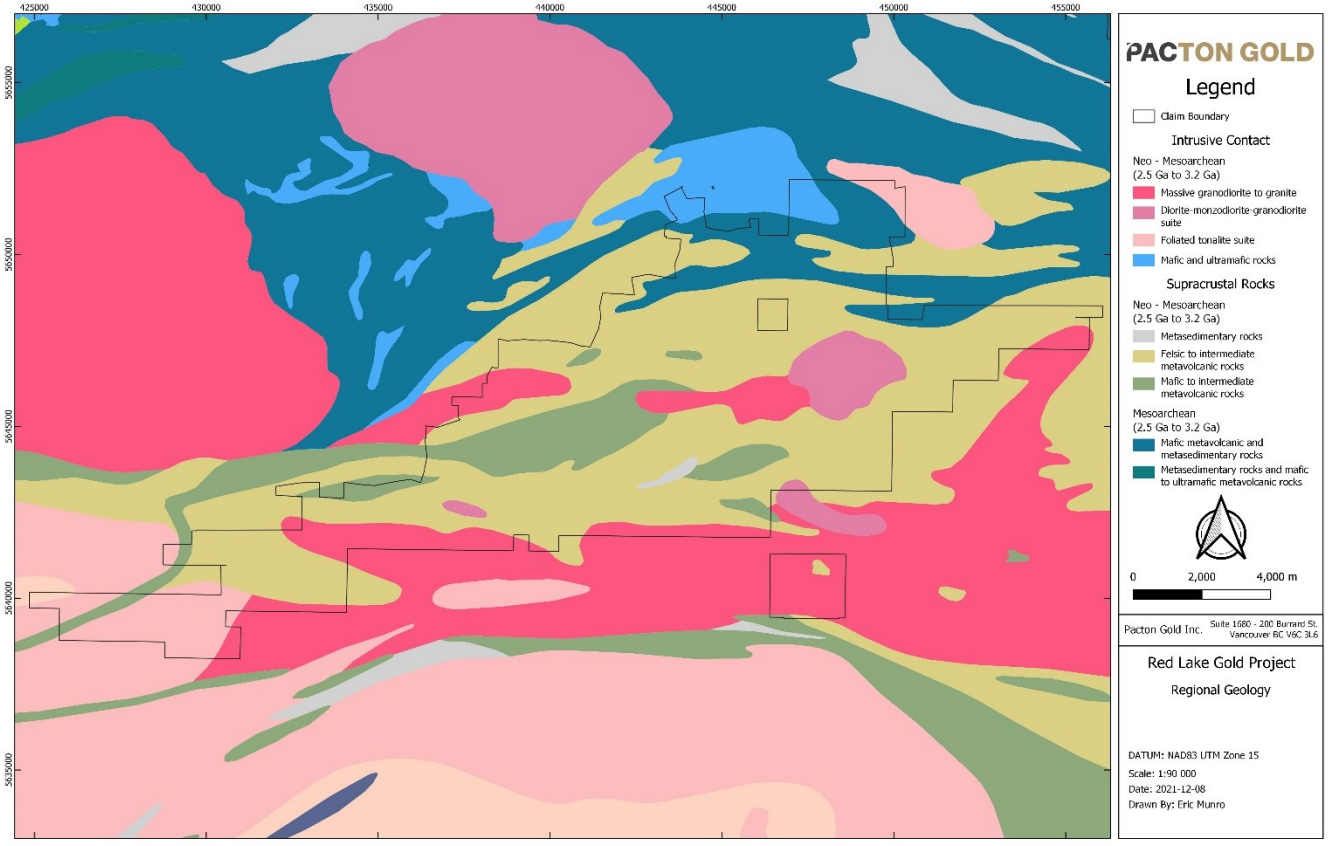

Figure 3 : Red Lake Gold Project property geology (Ontario Geological Survey, 2011)

5.1 Mineralization and Alteration

Alteration of rocks was noted on bedrock, trenches and angular boulders and include epidote, sericitization, silicification, carbonatization, chloritization and the formation of biotite. Generally, the sulphide-rich zones cut through the rock in varied thickness and sizes (sub millimeter up to 1 meter wide). Many of the old trenches on the Property have been noted with quartz-magnetite-sulphide zones hosted by altered and/or sheared mafic to felsic metavolcanics. Chert/quartz, magnetite and hematite layers were recognized.

Pyrite, magnetite, pyrrhotite, sphalerite and chalcopyrite were noted in bands, stringers, disseminated and clustered and they range from 1 up to 15% by volume. Arsenopyrite and/or stibnite were noted in nearby properties.

5.2 Deposit Types

Within the Red Lake District, there are several major gold deposits and several smaller gold deposits. Major gold deposits include the Campbell Mine, the Madsen Mine and Goldcorp's Red Lake Mine. Intermediate sized deposits would include the McKenzie Mine, Cochenour-Willans Mine, and Howie Mine. These gold mines have made the Red Lake Camp one of the largest gold producers in the world.

The gold deposits are the result of prolonged volcanic activity extending over a 300- million-year period from 2.99 to 2.73 Ma. The metavolcanic sequence consists of tholeiitic and komatiitic flows intercalated with felsic units, clastic and chemical sediments. The emplacement of granitic batholiths into the metavolcanics between 2730 and 2700 Ma followed the cessation of volcanic activity. Major gold deposits are related to shear systems and major alteration associated with contact metamorphic aureoles related to these granitic intrusive. Mineralization postdates volcanism in this camp and is dated at approximately 2720 Ma, which is broadly synchronous with the peak of the thermal event related to the emplacement of plutonic bodies into this succession. Gold mineralization is epigenetic and consists of sheared, gold-bearing mesothermal vein systems. There are several periods of gold mineralization recognized by geologists working in the district. Poorly mineralized carbonate veins represent the initial pulse of mineralization, which preceded and created the ground preparation for the later main gold mineralizing event.

Gold mineralization is epigenetic and consists of sheared, gold-bearing mesothermal vein systems. There are several periods of gold mineralization recognized by geologists working in the district. Poorly mineralized carbonate veins represent the initial pulse of mineralization, which preceded and created the ground preparation for the later main gold mineralizing event. Gold commonly occurs associated with silicification of the shear zones in the metavolcanic sequence especially in tuffaceous units but also related to altered ultramafic rocks.

The Madsen Gold mine of Pure Gold is the closest producer to the Heyson Property. In this mine, shear zones within an altered mafic metavolcaniclastic and pillowed metabasalt hosts gold mineralization. The Madsen Mine is a stratabound, replacement - style disseminated vein-type gold deposit hosted by altered tuffaceous units.

6. Trail Building

The trail infrastructure on Pacton's Main claim was largely non existent before the drill program. There was a small historical trail starting from highway 618 at the Coin Creek crossing leading to Boyden Lake, overgrown forestry trails around Starratt-Olsen, and a short trail leading NW further into the claim from Poplar Point Resort near highway 105 and Boyden Creek. Trails were planned with the aid of 1 m contour lines, a hillshade relief model, and multiple satellite images. The planned trails were then flagged with the aid of a handheld GPS by McCullough Carpentry personnel and later cleared by local operators; Shewchuk Enterprises Ltd., P. Spinelli Trucking Ltd., and Green Acres Contracting. A total of 36.9 km of trails were flagged (**Figure 4**) and 47.1 km of trails were cleared and rehabilitated (**Figure 5**).

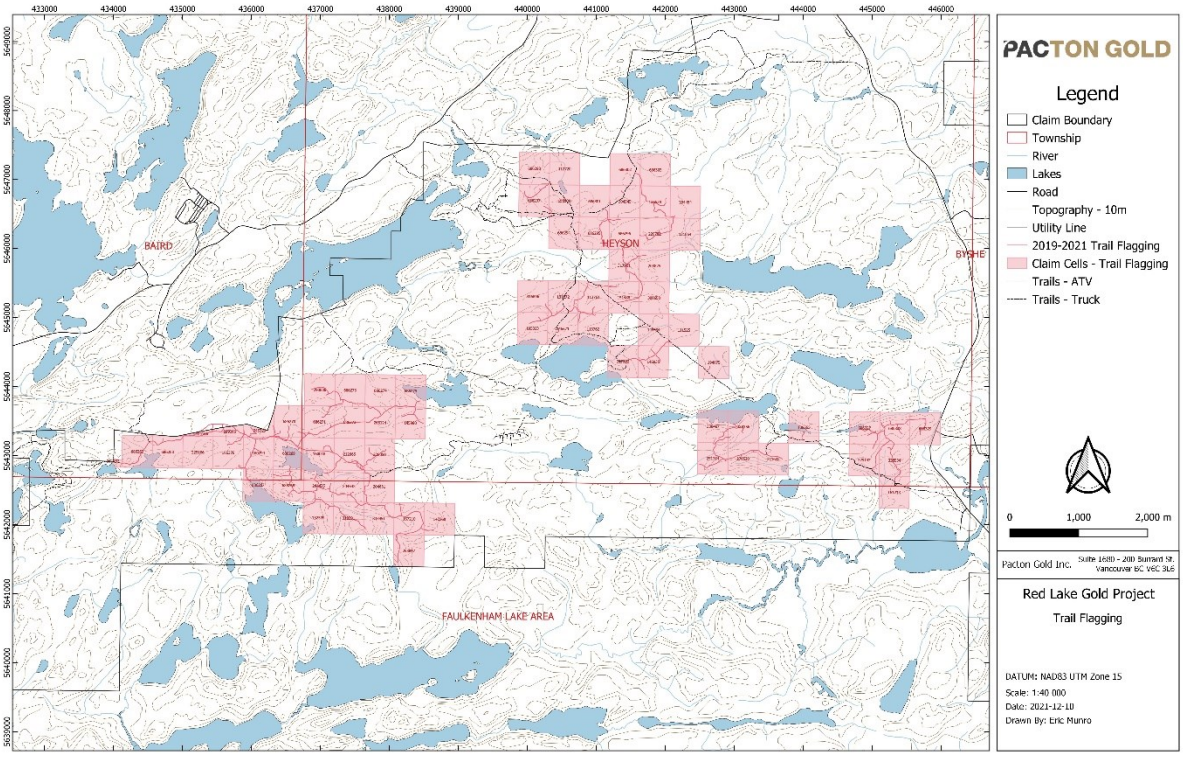

Figure 4: Trail Flagging

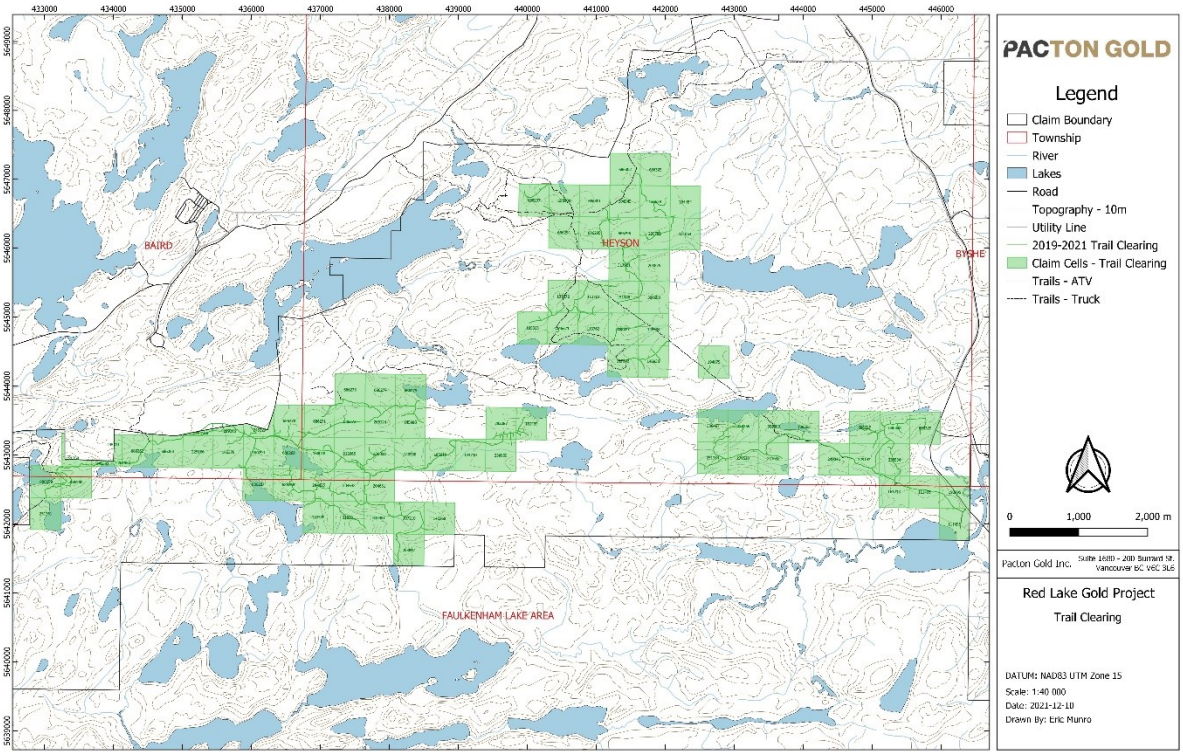

Figure 5: Trail Clearing

7. 2019 - 2021 Diamond Drilling Program

The drill collar locations were surveyed with a handheld consumer grade GPS with an accuracy of $^{+}/_{-}$ 3 m. Downhole surveys were performed with the REFLEX EZ-TRAC™ instrument. Rig alignments were completed with the aid of a compass or downhole survey instrument.

After each 12-hour shift crews brought the drills core to the Pacton core logging facility in Cochenour, ON. As part of their geological log, geologists would describe lithology, mineralization, alteration, and structural intervals. All drill core was photographed, high quality pictures underwent post processing to correct and standardize light temperature and colour. Core sampling and cutting was all conducted at the facility. A rotating QAQC sample, a blank, a pulp duplicate, or a certified standard, was inserted every 20 samples. Samples were then brought to the SGS Canada Inc. laboratory in Red Lake, ON for gold fire assay, GEFAA313. A limited number of samples underwent ICP-OES, GE_ICP90A50, analysis.

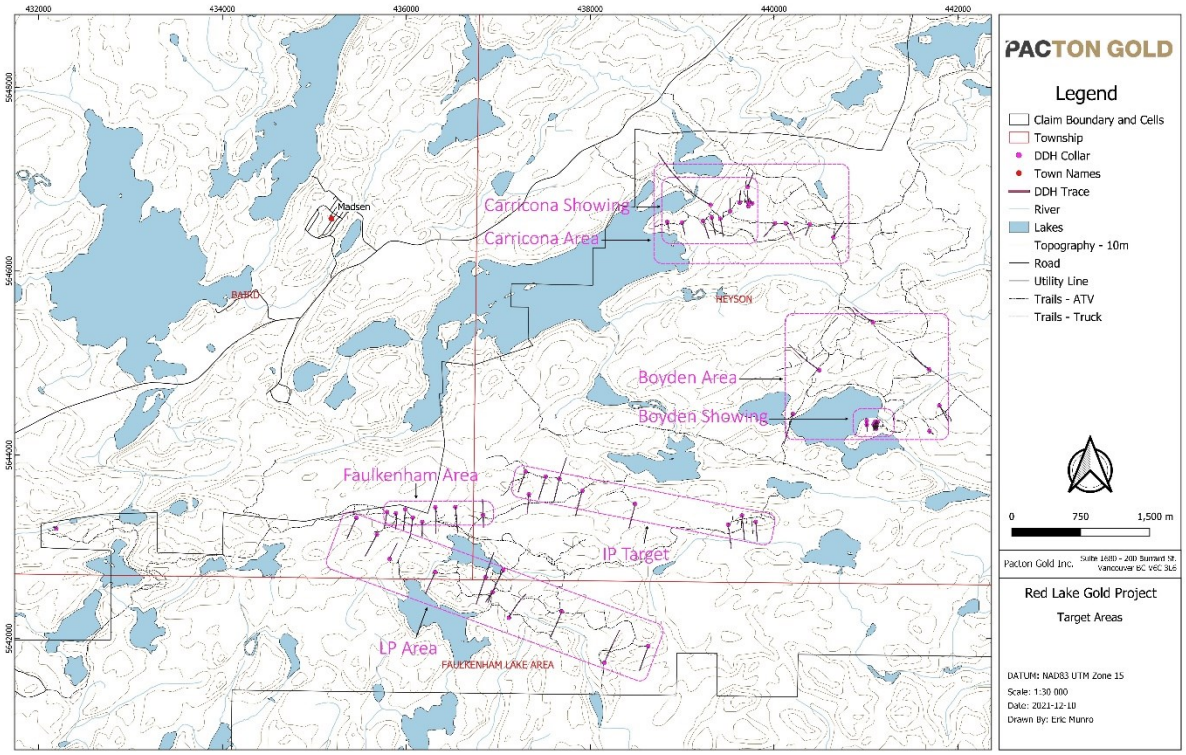

Figure 6: Drill Target Areas

7.1 Phase 1

The initial phase of drilling began with mobilization of crews and equipment by Machines Roger International on October 11th 2019. Drilling commenced on October 18th. Phase 1 drilling consisted of 39 NQ diamond drill holes totalling 12,100.7 m.

The first drill target was the Boyden showing, where high grade gold channel samples were collected during the 2019 field season. Drilling, 9 holes totalling 1,638.2 m, was carried out under permit PR-19-000166 issued August 20th, 2019.

The second drill target was the Carricona showing, where prospecting crews sampled and mapped during the 2019 field season. Drilling, 10 holes totalling 2,094 m, was carried out under permit PR-19-000257 issued November 20th, 2019.

The third drill target was a structure parallel to, and a potential continuation, Great Bear's LP Fault, which was uncovered by the magnetic survey flown earlier in 2019. Drilling, 20 holes totalling 8,368.5 m, was carried out under permit PR-19-000322 issued January 17th, 2020.

Table 4: Phase 1 Drilling Summary

Hole ID	Length (m)	UTM East	UTM North	Elevation (m)	Azimuth	Dip	No. of Samples Collected
PAC-19-001	102	441098	5644331	415	180	-51	111
PAC-19-002	102	441113	5644331	415	179	-50	23
PAC-19-003	102.2	441083	5644331	414	180	-50	89
PAC-19-004	201	441097	5644361	413	182	-64	144
PAC-19-005	201	441127	5644362	412	183	-65	95
PAC-19-006	225	441111	5644284	415	1	-64.5	70
PAC-19-007	102	441008	5644330	411	177	-45.5	31
PAC-19-008	102	441008	5644370	409	180	-45	15
PAC-19-009	501	440207	5644446	409	197	-49.7	109
PAC-19-010	111	438838	5646533	396	165	-50.5	58
PAC-19-011	201	438998	5646528	396	165	-50	109
PAC-19-012	300	439228	5646544	390	160	-50.3	81
PAC-19-013	300	439320	5646583	396	164	-51.5	78
PAC-19-014	300	439415	5646570	396	166	-52.4	70
PAC-19-015	207	439521	5646653	407	359	-50.3	95
PAC-19-016	204	439626	5646747	415	4	-51.2	76
PAC-20-017	201	439719	5646747	418	357	-51	84
PAC-20-018	18	439712	5646914	408	11	-50	0
PAC-20-018A	252	439712	5646914	408	22	-50	148
PAC-20-019	801	432194	5643198	429	330	-85	342
PAC-20-020	450	438632	5641919	428	200	-51	212
PAC-20-021	600	438155	5641736	426	21	-50	140
PAC-20-022	483	437692	5642295	441	203	-51	105
PAC-20-023	495	437116	5642227	397	28	-50	148
PAC-20-024	204	436939	5642508	397	216	-50	64
PAC-20-025	450	436860	5642668	396	201	-48	92
PAC-20-026	429	436860	5642668	396	17	-50	89
PAC-20-027	393	436314	5642723	397	203.5	-49	73
PAC-20-028	297	435816	5642868	419	26	-51.5	40
PAC-20-029	421.5	437914	5643610	421	197	-50	60
PAC-20-030	402	438490	5643466	430	193	-50	36
PAC-20-031	201	436835	5643347	425	175	-50	13
PAC-20-032	261	436835	5643347	425	357	-51	26
PAC-20-033	402	435680	5643134	436	207	-49	120
PAC-20-034	378	435458	5643317	439	204	-50	88
PAC-20-035	594	437056	5642748	420	209	-49.5	104
PAC-20-036	360	437664	5643739	422	198	-50	87
PAC-20-037	378	437664	5643739	422	18	-50	23
PAC-20-038	369	437664	5643739	422	198	-68	112

7.2 Phase 2

The Phase 2 drilling program had Nordik Drilling mobilize crews from Val d'Or, Quebec on October 3rd 2020 and begin drilling on October 4th 2020. Phase 2 drilling consisted of 26 NQ diamond drill holes totalling 8,921.07 m.

The first drill target was the Faulkenham area, bordering the historical Starratt-Olsen Mine and historical drill holes with gold bearing intervals. Drilling, 7 holes totalling 2,190.47 m, was carried out under permit PR-20-000258 issued September 29th, 2020.

The second drill target was in the IP Target, it was generated from a combined interpretation of the 2019 magnetic survey and the induced polarization survey conducted earlier in 2020. Drilling, 7 holes totalling 2,148 m, was carried out under permit PR-20-000258 issued September 29th, 2020.

The third drill target was in the Boyden and Carricona area, both targets were generated from a combined interpretation of Pure Gold Mining's seismic survey, preliminary soil anomalies, and known E-W mineralized trends. Drilling, 12 holes totalling 4,582.6 m, was carried out under permit PR-20-000198 and PR-20-000349 issued July 28th, 2020 and January 25th, 2021 respectively. All drill logs are included in Appendix II. Assay certificates are located in Appendix III, and cross sections are in Appendix IV.

Table 5: Phase 2 Drilling Summary

Hole ID	Length (m)	UTM East	UTM North	Elevation (m)	Azimuth	Dip	No. of Samples Collected
PAC-20-039	255	435790	5643377	430	180	-50	185
PAC-20-040	252.47	435888	5643363	430	180	-50	62
PAC-20-041	309	436071	5643318	424	180	-50	33
PAC-20-042	336	435989	5643406	427	180	-50	162
PAC-20-043	231	436174	5643270	420	180	-50	66
PAC-20-044	405	436316	5643429	421	180	-50	91
PAC-20-045	402	436534	5643432	415	180	-50	145
PAC-20-046	312	437333	5643571	415	200	-55	77
PAC-20-047	414	437515	5643763	415	200	-55	136
PAC-20-048	399	437297	5643817	408	200	-55	165
PAC-20-049	357	439650	5643340	412	170	-45	136
PAC-20-050	21	439500	5643240	410	356	-45	0
PAC-20-051	357	439500	5643240	410	170	-45	162
PAC-20-052	288	439800	5643270	419	170	-45	52
PAC-20-053	297	440009	5646521	411	210	-50	95
PAC-20-054	300	440127	5646521	409	150	-50	57
PAC-20-055	195	440389	5646509	409	210	-50	41
PAC-20-056	309	440646	5646369	400	32	-50	108
PAC-20-057	639	440492	5644923	410	305	-50	78
PAC-21-058	402	441075	5645442	389	300	-50	62
PAC-21-059	486	441683	5644931	437	300	-55	82
PAC-21-060	1374	439309	5646722	383	296	-60	458
PAC-21-061	100.6	439763	5646737	411	325	-45	54
PAC-21-062	102	439722	5646708	411	325	-45	12
PAC-21-063	300	441797	5644538	431	140	-50	82
PAC-21-064	78	441691	5644257	418	140	-50	18

8. Presentation and Discussion of Results

8.1 Boyden Showing

The Boyden showing (MDI52K13NW00104) is a gold bearing quartz vein. The vein was investigated by stripping and channel sampling which returned high grade surface results including 101.3 g/t Au, 33.9 g/t Au, 31.6 g/t Au, and 27.6 g/t Au. PAC-19-001 to PAC-19-008 were designed to test the veining along strike and at depth but did not intercept anomalous gold results. Modelling revealed that late stage intrusions have been emplaced on the structural trend the vein followed and overprinted the mineralization.

8.2 Carricona Showing

The Carricona area has multiple MDI showings and many anomalous prospecting samples and historical trenches. These samples and trenches were not adequately investigated with drilling historically and were the focus of holes PAC-19-011 to PAC-19-018A as well as PAC-20-053 to PAC-21-061. Hole PAC-20-017 intercepted 17.17 g/t Au over 0.5 m with the source of the grade likely being a thin quartz vein with pyrite mineralization and sericite alteration.

8.3 LP Area

The LP Area is a structural target in the SW of the claim which was identified using high-resolution magnetics. The parallel structures with Riedel shearing between then were investigated as possible extensions of the mineralized trend at Great Bear's Dixie Project. PAC-20-020 to PAC-20-030 and PAC-20-033 to PAC-20-035 investigated these structures and found strong and continuous brecciation with associated silica flooding, quartz veining, sericite alteration, and moderate sulphide mineralization. The structure was interpreted to being late as it crosscut felsic and mafic intrusions and did not yield assays with significant results.

8.4 Faulkenham Area

The drilling in the Faulkenham Area was to target and test the extension of a possible gold bearing structure between the historical gold producing Faulkenham Mine and Rogard Copper-Gold occurrence. The induced polarization survey conducted by Pacton in summer 2020 identified a conductive anomaly with high chargeability and low resistivity along this structural trend. This anomaly was tested in PAC-20-039 to PAC-20-048 using a spacing of 150 m with average depths of 300 m.

Table 6: Highlighted Results from the Faulkenham Area

Hole ID	From (m)	To (m)	Length (m)	Au (g/t)
PAC-20-042	232	240	8	0.3
PAC-20-042	248	266.2	18.2	0.4
PAC-20-043	40	48	8	0.7
PAC-20-044	237	246	9	0.2
PAC-20-045	79	79.8	0.8	1.3

Intervals from drill holes in the Faulkenham area that returned grade were associated with increased alteration, mineralization, and structure. The gold bearing alteration suite was defined by pervasive and strong texture replacing silica, sericite, and potassic alteration. The mineralization embedded in the increased alteration was 1-2 % disseminated specks of pyrite and pyrrhotite with local stringers of chalcopyrite and pyrrhotite up to 10 %. Highlights are included in Table 6.

8.5 IP Area

Drill targets in the IP Area were generated from chargeability and resistivity anomalies observed in Pacton's 2020 induced polarization survey performed by Dynamic Discovery Geoscience Ltd. Many of the chargeability and resistivity anomalies were well aligned with structure interpreted from the high-resolution magnetic survey and previous geological mapping. The strongest lineaments are mainly striking ENE-WSW to ESE-WNW and a second interpreted family of structures is oriented from NE-SW to NNE-SSW. The structures were investigated in PAC-20-036 to PAC-20-038 and PAC-20-049 to PAC-20-052. The results of note were: 0.329 g/t over 1.1 m and 0.229 g/t over 1 m in mafic volcanics in hole PAC-20-036 and 0.246 g/t over and 0.318 g/t over 1 m and PAC-20-036 over 1 m in gabbro in hole PAC-20-038.

8.6 Soil Generated Targets

The areas around the Boyden and Carricona showings were revisited as preliminary results from Pacton's 2020 soil sampling program were delivered. Intersections of preliminary trends of anomalous gold in soil and structures identified in the high-resolution magnetic survey and Pure Gold's seismic survey were targeted for further investigation. No intervals of economic significance were intersected. Additional soil sampling of the areas will further contextualize the anomalies observed.

9. Consultation with First Nations

This section summarizes the First Nations Community Consultations costs incurred by Pacton Gold Inc., referenced in **Table 7** in the Budget Summary, over the course of the 2019-2021 diamond drill program. Robert Houle of Talon Resources and Community Development Inc was contracted by Pacton with the objective to engage, educate, and keep the First Nation Communities up to date on the exploration work, including diamond drilling and grassroots prospecting at Pacton's Red Lake Gold Project. The commodity being explored on the consulted lands is gold.

The First Nation Communities consulted over this period were the Wabauskang and Lac Seul First Nations. Below is a summary of consultations, including discussions, dates, and communications that were performed by Talon Resources over the course of Pacton's 2019-2021 diamond drill program. Pacton has been conducting consultations with Wabauskang and Lac Seul First Nations in relation to exploration plans at the Red Lake Gold Property since 2016.

Chronological log summarizing the communication with First Nations in the project area:

• *December, 2019 - Wabauskang and Lac Seul First Nation*
Robert Houle
Fifth consultation and technical meetings January, Wabauskang, begin draft agreement, 4 days. Chief and council meetings, assist community with potential significant opportunities, and JV options and participate with Christmas assembly cont'd, 5 days.

• *January, 2020 - Wabauskang and Lac Seul First Nation*
Robert Houle
Sixth consultation and technical meetings February, Wabauskang, continue draft agreement, 4 days. Chief and council meetings, assist community with potential significant opportunities, and JV options and participate with Charity/ Handicap special assembly cont'd, 5 days.
• *February, 2020 - Wabauskang and Lac Seul First Nation*
Robert Houle
Consultation for water crossing and preparation for additional drilling for spring, Lac Seul and Wabauskang. Chief and council meetings Lac Seul and Wabauskang to assist community with additional road build, brush clearing cont'd, 5 days.

• March 3, 2020 - Wabauskang First Nation
Robert Houle, Carl Ginn
Meeting with Doug Riffel from Wabauskang Nation in Toronto, ON at the PDAC conference. Discussion included the proposed IP survey and line-cutting activities and the new property acquisition, the Sidace Lake Project north of the town of Red Lake.

• *April, 2020 - Wabauskang and Lac Seul First Nation*
Robert Houle
Consultation for water crossing and preparation for additional drilling for spring, Lac Seul and Wabauskang cont'd, plus identification of potential work force cont'd, 3 days. Chief and council

meetings Lac Seul and Wabauskang to assist community with additional road building, brush clearing, cont'd, 4 days.

• May, 2020 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for water crossing and preparation for additional drilling for spring, Lac Seul and Wabauskang cont'd, plus identification of potential work force cont'd, 3 days. Chief and council meetings Lac Seul and Wabauskang to assist community with additional road building, brush clearing, zoom meetings, 4 days. Preparation for June drill permits, begin agreement process and consultations, 3 days.

• June, 2020 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for water crossing and preparation for additional drilling for spring, Lac Seul and Wabauskang cont'd, plus identification of potential work force cont'd, 3 days. Chief and council meetings Lac Seul and Wabauskang to assist community with additional road building, brush clearing, zoom meetings, 3 days. Preparation for June drill permits, begin agreement process and consultations, 5 days.

• July, 2020 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for water crossing and preparation for additional drilling for spring, Lac Seul and Wabauskang cont'd, plus identification of potential work force cont'd, 3 days. Chief and council meetings Lac Seul and Wabauskang to assist community with additional road building, brush clearing, first face to face meetings, 3 days. Preparation for July drill permits, begin agreement process and consultations, 5 days.

• August, 2020 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for water crossing and preparation for additional drilling for fall permits Lac Seul and Wabauskang cont'd plus identification of potential work force cont'd, 3 days. Chief and council meetings Lac Seul and Wabauskang to assist community with site visits and face to face meetings 3 days. Preparation for new permits, begin agreement process and consultations, 5 days.

• September, 2020 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for additional drilling for fall permits Lac Seul and Wabauskang cont'd, plus identification of potential work force cont'd, 4 days. Chief and council meetings Lac Seul and Wabauskang to assist community with site visits and face to face meetings, 3 days. Preparation for new permits, begin agreement process and consultations, 5 days.

• October, 2020 – Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for additional drilling for fall permits Lac Seul and Wabauskang cont'd, plus identification of potential work force cont'd, 4 days. Chief and council meetings Lac Seul and

Wabauskang to assist community with site visits and face to face meetings, 3 days. Preparation for new permits, begin agreement process and consultations ongoing, 5 days.

• November, 2020 – Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for additional drilling for winter permits Lac Seul and Wabauskang cont'd plus begin exploration agreement, 4 days. Chief and council meetings Lac Seul and Wabauskang to assist community with site visits, face to face meetings, and zoom calls, 3 days. Preparation for Christmas festivities, prepare elders for site visit, assist with Christmas feast, 5 days.

• December, 2020 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for additional drilling for winter permits Lac Seul and Wabauskang cont'd plus begin exploration agreement, 4 days. Chief and council meetings Lac Seul and Wabauskang to assist community with site visits, face to face meetings, and zoom calls, 3 days. Preparation for community consultations, 5 days.

• January, 2021 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for additional drilling and brush cutting winter permits Lac Seul and Wabauskang cont'd, plus begin exploration agreement, assist new community liaison 4 days. Chief and council meetings Lac Seul and Wabauskang to assist community with site visits, face to face meetings, and zoom calls, 3 days. Preparation for community consultations and then community consultations, 5 days.

• February, 2021 – Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for additional drilling and brush cutting winter permits Lac Seul and Wabauskang cont'd, plus begin exploration agreement, assist new community liaison 4 days. Chief and council meetings Lac Seul and Wabauskang to assist community with site visits, face to face meetings, and zoom calls, 3 days. Preparation for community consultations and then community consultations, begin sessions, 2 in Wabauskang, 3 in Lac Seul, 5 days.

• March, 2021 - Wabauskang and Lac Seul First Nation
Robert Houle
Consultation for winding down of drill and brush cutting programs Lac Seul and Wabauskang cont'd, plus begin exploration agreement, assist new community liaison 4 days. Introduction to new Chief and council at Wabauskang, assist Lac Seul and Wabauskang with site visits, face to face meetings, and zoom calls, 3 days. Preparation for community consultations and then community consultations begin sessions, 2 in Wabauskang, 3 in Lac Seul. Wabauskang had new Chief and council, work on new relationship, 5 days.

10. Budget Summary

A summary of expenses for the work included in this assessment report included in **Table 7**.

Table 7: Summary of expenses

Cost Type	Total Cost
1. Diamond Drilling	$3,119,182.60
2. Contractors	$1,087,914.42
3. Supplies and Equipment	$72,253.72
4. Food and Lodging	$52,739.67
5. Transportation	$29,503.87
6. Assay of Samples	$118,439.74
7. Trail Building	$181,304.50
8. Rental	$67,625.66
9. Community Consultation	$156,600.00
Total	**$4,885,564.18**

11. Conclusions and Recommendations

Phase 1 and Phase 2 drilling on the Main Block successfully targeted anomalies identified through geophysical and surface geochemical results. All target areas were sufficiently explained by drilling to either remove them as a future area of interest or have them be further drill tested. The drilling campaign found 12 anomalous gold values which will be used in future targeting.

It is recommended that Pacton continue its gold exploration of the Red Lake Gold Project Main Block. Future work should include full coverage of the claims package by soil sampling, targeted outcrop stripping, and follow-up drilling. A detailed compilation of all historical quantitative data should also be undertaken to better compare results with previous exploration campaigns. A work program encompassing all of the recommendations is estimated at 2 million dollars.

12. References

Andrews, A.J., Owsiacki, L., Kerrich, R., and Strong, D. F., 1986, The silver deposits at Cobalt and Gowganda, Ontario. I: Geology, petrography, and whole-rock geochemistry: Canadian Journal of Earth Sciences, v. 23, p. 1480-1506.

Pirie, J., (1981): Regional Geological Setting of Gold Deposits in the Red Lake Area, Northwestern Ontario, in Pye, E.G., and Roberts, R.G. eds., Genesis of Archean, Volcanic Hosted Gold Deposits: Ontario Geological Survey MP 97.

Sanborn-Barrie, M., Skulski, T., Parker, J., and Dube, B., (2000): Integrated regional analysis of the Red Lake greenstone belt and its mineral deposits, western Superior Province, Ontario; Geological Survey of Canada, Current Research 2000-C18,16 p.

Sanborn-Barrie, M., Skulski, T., and Parker, J., 2001: Three hundred million years of tectonic history recorded by the Red Lake greenstone belt, Ontario; Geological Survey of Canada, Current Research 2001--C19, 19 p.

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1.

Statement of Qualifications

I, Eric Munro, do certify that:

1. I currently reside at 1-447 McLeod Street, Ottawa, Ontario.
2. I graduated from McGill University in 2014 with a B.Sc. in Earth and Planetary Sciences.
3. I am a practicing member in good standing with Professional Geoscientists Ontario, member number 3049.
4. I have worked as a geologist for 5 years since my graduation.
5. I have reviewed and participated in the work program described in this report.

Signed and dated this 27th day of February, 2022.

Eric Munro, P.Geo.

Appendix I : Claims List

Tenure Name	Type	Anniversary Date	Owner
339418	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
339356	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
334072	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
686280	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686291	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686292	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686320	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686264	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
335300	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
336482	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
336507	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
341012	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
338620	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
339430	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
292236	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
337951	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
337952	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
337953	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686313	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686315	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686316	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
686317	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
686331	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
337567	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
337568	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
337569	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
338533	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
338534	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
338535	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
338536	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
337874	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
338562	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
100668	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
104166	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
104588	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
103450	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686332	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
105828	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
105690	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
105741	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
106346	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
106347	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
106348	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
105795	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
105797	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686265	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686270	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686271	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686272	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686273	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686314	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
104845	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686252	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686253	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686287	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686288	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686289	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686290	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686295	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686337	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.

686338	Single Cell Mining Claim	2022-06-07	(100) PACTON GOLD INC.
107120	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
686339	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
107273	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
107274	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
111494	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
111495	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
111496	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
111523	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686306	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686333	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
686340	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
686341	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
686342	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
686350	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686351	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686267	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
107787	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686268	Single Cell Mining Claim	2022-12-23	(100) PACTON GOLD INC.
686269	Single Cell Mining Claim	2022-12-23	(100) PACTON GOLD INC.
686274	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686283	Single Cell Mining Claim	2022-10-27	(100) PACTON GOLD INC.
686284	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686285	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686297	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686298	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686299	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686300	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
107248	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
109563	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
113043	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
113761	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
113762	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
111165	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
113676	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
112236	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
110062	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
110063	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
111524	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
111525	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
112720	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
111278	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
111574	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
114951	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
114821	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
111826	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686310	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
686311	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
686312	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
686324	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686325	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686326	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686251	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686334	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686335	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686336	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686343	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
686255	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686257	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686258	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686302	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.

686303	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686304	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686305	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686307	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686308	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686309	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
117045	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
117046	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
119084	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
119085	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
119086	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686256	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686262	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686263	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
119901	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
119920	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
124730	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686266	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686286	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686260	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686261	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686327	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686328	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686329	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686330	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686352	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686353	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686354	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
124223	Boundary Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686254	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686259	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686275	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686276	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686293	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686294	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686296	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686345	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
126670	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
126940	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
126941	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
127222	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
127223	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
127224	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686346	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
126837	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
129266	Boundary Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
127259	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
127260	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686277	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686278	Single Cell Mining Claim	2022-10-27	(100) PACTON GOLD INC.
686279	Single Cell Mining Claim	2022-10-27	(100) PACTON GOLD INC.
686281	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686282	Single Cell Mining Claim	2022-10-27	(100) PACTON GOLD INC.
686301	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
128859	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
126707	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
126708	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
126709	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
131064	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131489	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
130534	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.

131098	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131099	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131122	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131834	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131835	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131836	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131837	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
131875	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
131876	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
131272	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
132720	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
132721	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
134458	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
134459	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686318	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
686319	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
132536	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
135304	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
686321	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686322	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
135347	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
686323	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686344	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
686347	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686348	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
686349	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
134768	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
136236	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
132500	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
135817	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
139043	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
137302	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
135441	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
135442	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
136529	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
140485	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
140538	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
140892	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
140026	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
140027	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
142800	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
142260	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
143406	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
143159	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
145988	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
141706	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
145934	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
145935	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
145826	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
147163	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
147167	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
147168	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
147197	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
146782	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
146783	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
146671	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
148424	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
148425	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
148426	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
148427	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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149136	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
150508	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
149113	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
152599	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
150893	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
150894	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
151488	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
151759	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
151972	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
151973	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
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155248	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
155250	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
152731	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
152732	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
156090	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
156225	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
155338	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
155779	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
159131	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
159132	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
159133	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
159444	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
155572	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
157784	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
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160018	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
160294	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
161213	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
159923	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
162497	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
162498	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
163525	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
165008	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
165009	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
165022	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
166043	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
165359	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
166376	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
167470	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
168055	Single Cell Mining Claim	2022-10-27	(100) PACTON GOLD INC.
167908	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
167210	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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168384	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
171076	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
171077	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
172803	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
173388	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
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173663	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
172676	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
173463	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
173441	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
173442	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
173607	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
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173337	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
173338	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
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175711	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
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174919	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
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175401	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
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176729	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
177925	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
177926	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
177927	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
176034	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
177946	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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181275	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
181276	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
181277	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
181439	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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185060	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
183499	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
183500	Boundary Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
183722	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
185195	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
183754	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
186387	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
187415	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
186758	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
186500	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
186501	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
189314	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
188219	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
188220	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
190838	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
191701	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
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194075	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
193795	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
194104	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
193406	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
193407	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
196599	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
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195247	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
195269	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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195309	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
195313	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
198969	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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199972	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
197275	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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200439	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
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201398	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
201399	Boundary Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
204631	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
204632	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
202040	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
202042	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
202357	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
202358	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
204391	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
205342	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
205236	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
204825	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
209760	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
206649	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
206650	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
212665	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
212684	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
210095	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
209452	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
209453	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
213815	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
213816	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
211643	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
213239	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
213240	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
213843	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
211414	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
212460	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
211181	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
214589	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
214010	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
214029	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
213771	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
213772	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
217421	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
216609	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
220782	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
218649	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
220011	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
219918	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
220067	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
221655	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
220536	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
223774	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
228287	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
224717	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
226602	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
225165	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
225166	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
229972	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
228702	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
228736	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
227935	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
229272	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
231739	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
231740	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.

230630	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
230631	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
234557	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
235238	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
232052	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
232053	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
234205	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
236869	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
236090	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
237259	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
239525	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
239551	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
239552	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
240295	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
241455	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
241456	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
241457	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
239591	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
240068	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
243246	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
240646	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
244425	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
244426	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
242399	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
244449	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
244450	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
242459	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
242460	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
242760	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
242492	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
243957	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
243958	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
243481	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
247004	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
247022	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
249046	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
245329	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
248394	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
248395	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
247412	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
249464	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
248769	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
248770	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
251361	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
249253	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
250116	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
248690	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
247564	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
254209	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
251784	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
249910	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
249911	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
250500	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
252566	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
252567	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
252568	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
252445	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
253962	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
253963	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
254009	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
258878	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.

257083	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
255496	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
258138	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
259905	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
257481	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
257482	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
261087	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
256671	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
256672	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
259862	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
263387	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
263388	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
264495	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
262485	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
263967	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
261933	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
261957	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
261978	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
263897	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
268077	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
268124	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
269234	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
269271	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
269272	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
271372	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
271346	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
271347	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
272656	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
268463	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
270520	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
270562	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
270563	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
270493	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
271232	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
276532	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
275489	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
275135	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
277066	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
277067	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
277823	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
277417	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
278640	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
280311	Single Cell Mining Claim	2023-04-21	(100) PACTON GOLD INC.
279766	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
279767	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
279768	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
279776	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
279777	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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283118	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
283119	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
286524	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
285855	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
282578	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
282730	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
282731	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
286568	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
286038	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
288224	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
286675	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
286711	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.

286712	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
291183	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
289206	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
292087	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
292235	Boundary Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
294690	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
294672	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
294973	Single Cell Mining Claim	2022-05-16	(100) PACTON GOLD INC.
294586	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
293605	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
293606	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
294339	Boundary Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
296260	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
297323	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
297324	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
296655	Boundary Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
299710	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
300096	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
300094	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
300095	Boundary Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
300440	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
298410	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
302517	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
302519	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
300542	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
300687	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
304203	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
304204	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
304205	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
300658	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
303427	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
306024	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
306064	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
306687	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
306688	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
304545	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
306740	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
308495	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
306905	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
306906	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
306855	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
308437	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
308889	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
308890	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
306877	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
307651	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
307652	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
309996	Single Cell Mining Claim	2022-07-21	(100) PACTON GOLD INC.
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309786	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
313567	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
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314012	Single Cell Mining Claim	2022-04-11	(100) PACTON GOLD INC.
309877	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
309730	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
309731	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
309732	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
311480	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
309759	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.

315129	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
315130	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
315252	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
314396	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
314397	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
317014	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
317018	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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316606	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
317051	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
315626	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
317767	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
317921	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
317800	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
317818	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
318390	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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320121	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
320122	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
323336	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
323089	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
130533	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
327992	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
323765	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
329142	Single Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
329174	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
329175	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
329176	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
328050	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
329210	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
327790	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
336238	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
336239	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
336240	Single Cell Mining Claim	2022-09-20	(100) PACTON GOLD INC.
335247	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
336562	Single Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
336157	Single Cell Mining Claim	2022-10-14	(100) PACTON GOLD INC.
335011	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
331431	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
330466	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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330779	Single Cell Mining Claim	2022-10-27	(100) PACTON GOLD INC.
330781	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
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342752	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
334891	Single Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
332678	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
334845	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
334846	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
330510	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
330511	Single Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
334454	Single Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
135347	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
147524	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
147524	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
152603	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
151758	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
151759	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.

166375	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
166375	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
186388	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
186388	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
197260	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
197261	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
197428	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
197429	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
205215	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
234206	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
237258	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
245331	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
245331	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
251362	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
261932	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
261932	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
263995	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
263996	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
265920	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
271457	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
271458	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
270745	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
270745	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
331432	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
333180	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
332665	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
245331	Boundary Cell Mining Claim	2022-10-03	(100) PACTON GOLD INC.
261932	Boundary Cell Mining Claim	2022-05-09	(100) PACTON GOLD INC.
104588	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
104588	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
127222	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
155249	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
240118	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
240118	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
243245	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
243245	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
262482	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
262483	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
262483	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
277823	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
277823	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
277823	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
277823	Boundary Cell Mining Claim	2022-05-11	(100) PACTON GOLD INC.
312967	Boundary Cell Mining Claim	2022-01-19	(100) PACTON GOLD INC.
327790	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
327790	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
327790	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.
327790	Boundary Cell Mining Claim	2022-09-26	(100) PACTON GOLD INC.

Appendix II : Abbreviations and Drill Logs

People	
Abbreviation	**Description**
EM	Eric Munro
MD	Maxime Douellou

Lithology	
Abbreviation	**Description**
C1	Chert
C2	Iron formation
C2B	Iron formation - Sulphide facies
C2D	Iron formation - Silicate facies
E0	Ultramafic (undifferenciated)
E1	mafic volcanics
E1A	Basalt
E1S	Volcaniclastic sediments
E1T	Mafic Tuff
E2	Intermediate
E2A	Andesite
E2S	Volcanisclatic sediments
E2T	Intermediate Tuff
E3	Felsic volcanics
E3A	Rhyolite
E3S	Volcaniclastic sediments
E3T	Felsic Tuff
E3Y	Silica Flooded FelV/MafV
I0	Ultramafic (intrusive)
I0B	Pyroxenite
I0C	Peridotite
I1	Mafic intrusive
I1A	Gabbro
I1C	Altered dyke
I2	Intermediate intrusive
I2A	Diorite
I2B	Quartz diorite
I3	Felsic intrusive
I3B	Tonalite
I3P	Porphyry
I3Q	Quartz porphyry
I3R	Quartz-feldspar porphyry
I3S	Feldspar porphyry
LC	lost core
M3	Schist
M3A	Talc / chlorite schist
M3B	Quartz-sericite schist
M3C	Sericite schist
M3E	Quartz-sericite-biotite schist
M4	Amphibolite
OB	Overburden
S1	mudstone
V3	Quartz vein contain >90% quartz
V8	Skarn vein

Alteration	
Abbreviation	**Description**
ACT	Actinolite
AMP	Amphibole
AND	Andalusite
BIO	Biotite
BLE	Bleaching
CAL	Calcite
CHL	Chlorite
CRB	Carbonate
DIO	Diopside
DOL	Dolomite-magnesite
EPD	Epidote
FLD	Feldspar
FUC	Fuchsite
GRN	Garnet
HEM	Hematitic
KFP	K-feldspar
SER	Sericite
SIL	Silicification
STA	Staurolite
TLC	Talc

Mineralization	
Abbreviation	**Description**
AS	arsenopyrite
BN	bornite
CP	chalcopyrite
GA	Galena
GP	Graphite - regional temp
GT	Garnet - regional temp
HE	Hematite
MG	Magnetite
MO	Molybdenite
MT	magnetite
PO	pyrrhotite
PY	pyrite
SB	stibnite
SC	scheelite
SP	sphalerite
VG	Visible gold
FLD	phyric feldspar
HOR	phyric hornblend
PLA	phyric plagioclase
PYX	phyric pyroxene

Grain Size	
Abbreviation	**Description**
GS0	Aphanitic
GS1	Grain size fine
GS2	Grain size medium
GS3	Grain size coarse
GS4	Grain size very coarse

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-001

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-10-18	**Core Size:**	NQ
UTM East:	441098	**Azimuth:**	180	**Date Completed:**	2019-10-20	**Casing Pulled?:**	☐
UTM North:	5644331	**Dip:**	-51	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	415.26	**Length (m):**	102	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-50.9	179.3			56750	☑	
45	Reflex			-50.6	177.6			56737	☑	
75	Reflex			-50.3	180.3			57064	☑	

Hole: PAC-19-001

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**7.20**	**I1A Gabbro GS2** massive, dark greyish green rock containing 2-3% 5mm dark green, stubby chloritized pyroxene phenocrysts in a 1-2mm mafic groundmass. 1% 2mm-3cm felsic dikelets cut the unit at 10 to 70 degrees tca. K: 22.3k, Ca: 52.7k, Ti: 5628ppm, Cr: 353ppm, Zr: 99ppm, <<Min: 1.7 - 14.2: 0.5% pyrite>> In the granodiorite, pyrite is found within gabbroic xenoliths and at their borders, 1-2mm, subhedral	1.70	3.00	1.30	335001	0.0025				
			3.00	4.50	1.50	335002	0.0025				
			4.50	6.00	1.50	335003	0.0025				
			6.00	7.20	1.20	335004	0.0025				
7.20	**10.50**	**I3C Granodiorite GS1** Massive, dark green and pink phaneritic rock, grains range from 0.5-1mm. 5-10% rounded gabbroic xenoliths are present, ranging from 3mm to 5cm. 10-30cm gabbroic intervals also occur, and might be larger xenoliths. K: 13.1k, Ca: 30k, Ti: 1707ppm, Cr: 82ppm <<Alt: 7.2 - 10: strong K-feldspar>> Medium pervasive alteration, stronger around contacts and fractures <<Alt: 10 - 10.5: strong K-feldspar / weak Calcite>> Medium pervasive alteration, stronger around contacts and fractures1 (<3%)	7.20	8.50	1.30	335005	0.0025				
			8.50	10.00	1.50	335006	0.0025				
			10.00	10.50	0.50	335007	0.0025				
10.50	**13.30**	**I1A Gabbro GS2** Same as from 0-7.2m. An irregular contact occurs at 12.5. From 12.5 to 13.3m, the rock is finer-grained but still gabbroic (older gabbro dike). The lower contact at 13.3 is also irregular, and the fine-grained gabbro cuts the underlying granodiorite. <<Alt: 10.5 - 13.3: weak Calcite>> 1 (<3%) <<Vein: 12.3 - 12.4: Carbonate vein contain 0-10% quartz>> 10cm diffuse calcite-chlorite vein, traces of pyrite	10.50	11.50	1.00	335008	0.0025				
			11.50	12.50	1.00	335009	0.0025				
			12.50	13.30	0.80	335011	0.0025				
			13.30	13.80	0.50	335012	0.0025				
13.30	**17.10**	**I3C Granodiorite GS1** Massive, dark green and pink phaneritic rock, grains range from 0.5-1mm. 5-10% rounded gabbroic xenoliths are present, ranging from 3mm to 5cm. 10-30cm gabbroic intervals also occur, and might be larger xenoliths. K: 13.1k, Ca: 30k, Ti: 1707ppm, Cr: 82ppm <<Min: 14.2 - 14.5: 2% pyrite / 0.5% pyrrhotite>> Very finely disseminated <1mm <<Min: 14.5 - 17.1: 0.5% pyrite>> Very fine, sparse grains <<Alt: 13.3 - 14.2: weak Calcite / weak K-feldspar>> 1 (<3%)	13.80	14.20	0.40	335013	0.008				
			14.20	14.50	0.30	335014	0.0025				
			14.50	15.00	0.50	335015	0.0025				
			15.00	16.00	1.00	335016	0.0025				

Hole: PAC-19-001

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			<<Alt: 14.2 - 14.5: moderate Silicification / weak K-feldspar / weak Calcite>> A weakly silicified band within the massive granodiorite. Alteration contacts are net, at 40-50 degrees tca. In this interval, the rock is harder, has a medium-dark grey colour and the grain borders are dissimulated by the alteration1 (<3%)		16.00	17.10	1.10	335017	0.0025				
			<<Alt: 14.5 - 19.6: weak Calcite / weak K-feldspar>> 1 (<3%)										
					17.10	18.40	1.30	335018	0.0025				
17.10	**18.40**	**I1A**	**Gabbro**	**GS1**									
			<<Min: 17.1 - 18.4: 2% pyrite>> Pyrite is found in clusters and disseminatd, subhedral, <1-2mm										
18.40	**19.60**	**I3C**	**Granodiorite**	**GS1**									
			Massive, dark green and pink phaneritic rock, grains range from 0.5-1mm. 5-10% rounded gabbroic xenoliths are present, ranging from 3mm to 5cm. 10-30cm gabbroic intervals also occur, and might be larger xenoliths. K: 13.1k, Ca: 30k, Ti: 1707ppm, Cr: 82ppm										
			<<Min: 18.4 - 19.6: 0.5% pyrite>>										
					18.40	19.60	1.20	335019	0.005				
					19.60	21.00	1.40	335020	0.0025				
19.60	**23.30**	**E1A**	**Basalt**	**GS0**	21.00	22.00	1.00	335021	0.005				
			Dark to medium grey, heterogenous composition. Up to 25%arbonate-epidote veins and vesicule filling. Might be an andesite, hardness is moderate-strong and titanium values range from 2000-4000 ppm (XRF).										
			<<Min: 19.6 - 23.3: 2% pyrite>> Pyrite grains <1mm, euhedral to subhedral, are unevenly distributed. Some are found in selvages.		22.00	23.30	1.30	335022	0.0025				
			<<Alt: 19.6 - 22: moderate Epidote / weak Calcite>> Within selvages, fracture filling and in vesicule filling1 (<3%)										
			<<Alt: 22 - 23.3: weak Calcite>> 1 (<3%)										
23.30	**24.20**	**I3C**	**Granodiorite**	**GS1**									
			pink and dark green, phaneritic, massive rock. 5-10% gabbroic xenoliths range from 1-10cm.										
			<<Min: 23.3 - 27: 0.5% pyrite>> Grains are euhedral, <1-2mm, sometimes concentrated in millimetric chlorite veinlets										
			<<Alt: 23.3 - 24.2: moderate K-feldspar / weak Calcite>> 1 (<3%)										
					23.30	24.20	0.90	335023	0.0025				
					24.20	25.00	0.80	335024	0.0025				
24.20	**26.20**	**E1A**	**Basalt**	**GS0**	25.00	26.20	1.20	335025	0.0025				
			Dark to medium grey, heterogenous composition. Up to 25%arbonate-epidote veins and vesicule filling. Might be an andesite, hardness is moderate-strong and titanium values range from 2000-4000 ppm (XRF).										
			<<Alt: 24.2 - 26.2: weak Calcite>> 1 (<3%)										

Hole: PAC-19-001

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 25.5 - 26.5: moderate Fault 45 deg. >> Two fractures with fault gouge occur at 25.5m (45 tca) and 26.5m (40 tca)													
					26.20	27.00	0.80	335026	0.0025				
26.20	**30.40**	**I3C**	**Granodiorite**	**GS1**	27.00	27.30	0.30	335027	0.0025				
20-30% basalt fragments, angular, 3-15cm													
<<Min: 27 - 27.3: 2% pyrite>> 1% subhedral to euhedral, 1-2mm grains, within a 2cm vuggy zone rich in chlorite and epidote					27.30	28.00	0.70	335028	0.0025				
<<Min: 27.3 - 36.9: 0.5% pyrite>> disseminated and in elongated blebs, <5mm long					28.00	29.00	1.00	335029	0.0025				
<<Alt: 26.2 - 27: weak Calcite / weak K-feldspar>> 1 (<3%)					29.00	30.40	1.40	335030	0.0025				
<<Alt: 27 - 27.3: moderate Epidote / weak K-feldspar / weak Calcite>> Concentrated in a 3cm vuggy band													
<<Alt: 27.3 - 29: weak Calcite / weak K-feldspar>> 1 (<3%)													
<<Alt: 29 - 30.4: strong K-feldspar / weak Calcite>> 1 (<3%)													
<<Vein: 28.8 - 30: Quartz vein contain >90% quartz>> 5mm dark grey quartz vein, 1mm grains													
30.40	**33.10**	**I1A**	**Gabbro**	**GS2**									
5-10% coarse-grained, pink granitic injections, irregular, 5mm-8cm													
<<Alt: 30.4 - 46: weak K-feldspar>> Stronger within granodioritic intervals than in gabbro. Sometimes pervasive, sometimes controlled by fractures and dike contacts.													
					30.40	31.00	0.60	335031	0.0025				
					31.00	32.00	1.00	335032	0.0025				
					32.00	33.10	1.10	335033	0.0025				
33.10	**33.80**	**I3C**	**Granodiorite**	**GS1**									
					33.10	34.00	0.90	335034	0.0025				
33.80	**35.00**	**I1A**	**Gabbro**	**GS2**									
5-10% coarse-grained, pink granitic injections, irregular, 5mm-8cm													
					34.00	35.00	1.00	335035	0.0025				
35.00	**35.80**	**I3C**	**Granodiorite**	**GS1**	35.00	35.80	0.80	335036	0.0025				
35.80	**39.60**	**I1A**	**Gabbro**	**GS2**									
5-10% coarse-grained, pink granitic injections, irregular, 5mm-8cm													
<<Min: 36.9 - 37.2: 2% pyrite>> In clusters at the contact between the gabbro and a 2cm coarse-grained felsic dike													
<<Min: 37.2 - 51: 0.5% pyrite>> traces of disseminated pyrite													

Hole: PAC-19-001

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					35.80	36.90	1.10	335038	0.0025				
					36.90	37.20	0.30	335039	0.016				
					37.20	38.50	1.30	335040	0.0025				
					38.50	39.60	1.10	335041	0.0025				
39.60	**40.20**	**E1A**	**Basalt**	**GS0**									
					39.60	40.20	0.60	335042	0.0025				
					40.20	40.90	0.70	335043	0.0025				
40.20	**46.00**	**I3C**	**Granodiorite**	**GS1**	40.90	41.20	0.30	335044	0.008				
10% basalt and gabbro fragments, 1-30cm													
					41.20	42.00	0.80	335045	0.0025				
					42.00	43.50	1.50	335046	0.0025				
					43.50	45.00	1.50	335047	0.0025				
					45.00	46.00	1.00	335048	0.0025				
46.00	**48.20**	**I1A**	**Gabbro**	**GS2**	46.00	47.00	1.00	335049	0.0025				
<<Alt: 46 - 47.5: moderate K-feldspar>> Moderate pervasive potassic alteration within the gabbro					47.00	48.20	1.20	335051	0.0025				
<<Alt: 47.5 - 52.3: weak K-feldspar>>													
					48.20	48.70	0.50	335052	0.0025				
48.20	**49.60**	**I3C**	**Granodiorite**	**GS1**	48.70	49.60	0.90	335053	0.0025				
10% basalt and gabbro fragments, 1-30cm													
49.60	**52.30**	**I1A**	**Gabbro**	**GS2**									
<<Min: 51 - 51.3: 2% pyrite>> 2% finely disseminated pyrite within a short basalt interval (or fragment)													
<<Min: 51.3 - 52.3: 0.5% pyrite>> traces of pyrite clusters													
					49.60	51.00	1.40	335054	0.0025				
					51.00	51.30	0.30	335055	0.0025				
					51.30	52.30	1.00	335056	0.0025				
52.30	**53.80**	**E1A**	**Basalt**	**GS0**									
<<Min: 52.3 - 53.8: 2% pyrite>> finely disseminated, in clusters and in discontinuous stringers. Up to 5%													
<<Alt: 52.3 - 53.8: weak Epidote / weak K-feldspar>> 1% 1-3cm epidote-rich clusters													
					52.30	53.00	0.70	335057	0.006				

Hole: PAC-19-001

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			53.00	53.50	0.50	335058	0.018				
			53.50	53.80	0.30	335059	0.0025				
53.80	**57.00**	**I3C Granodiorite GS1** <<Alt: 53.8 - 56: intense K-feldspar>> Within and around the fault zone <<Alt: 56 - 57: intense K-feldspar / moderate Calcite>> Within and around the fault zone2 (3-10%) <<Struc: 56.1 - 57.5: weak Fault 70 deg. >> This interval is fractured. At 57.1m, 5cm of fault gouge and pebbles are present.									
			53.80	55.00	1.20	335060	0.0025				
			55.00	56.00	1.00	335061	0.0025				
			56.00	57.00	1.00	335062	0.0025				
57.00	**60.70**	**E1A Basalt GS0** cut by 2% quartz-rich, medium-grained, irregular felsic dikes ranging from 2mm to 2cm <<Min: 57 - 60.7: 0.5% pyrite>> Traces of fine pyrite in discontinuous stringers <<Alt: 57 - 60.7: strong Epidote / moderate K-feldspar / weak Calcite>> around the fault zone, epidote is present in fracture-filling and in 3-20cm bands formed by bany 1-5mm veinlets, associated with calcite.Within veinlets, fractures, forming halos around epidote-calcite veinlets and very weakly pervasive1 (<3%)	57.00	58.00	1.00	335063	0.0025				
			58.00	59.00	1.00	335064	0.0025				
			59.00	60.00	1.00	335065	0.0025				
			60.00	60.70	0.70	335066	0.0025				
			60.70	62.00	1.30	335067	0.0025				
60.70	**64.10**	**I3C Granodiorite GS1**	62.00	63.00	1.00	335068	0.0025				
		<<Alt: 60.7 - 61: strong Epidote / moderate K-feldspar>> around the fault zone, epidote is present in fracture-filling and in 3-20cm bands formed by bany 1-5mm veinlets, associated with calcite.Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m	63.00	64.10	1.10	335069	0.0025				
		<<Alt: 61 - 63: moderate K-feldspar>> Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m									
		<<Alt: 63 - 64.1: moderate K-feldspar / weak Epidote>> Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5mmillimetric fractures, 30 degrees tca									
64.10	**64.80**	**I1A Gabbro GS2** lower contact is irregular <<Alt: 64.1 - 72: moderate K-feldspar>> Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m									
			64.10	64.80	0.70	335071	0.0025				
			64.80	65.40	0.60	335072	0.0025				
64.80	**65.40**	**I3C Granodiorite GS1**									

Hole: PAC-19-001

From (m)	To (m)		Rock Type & Description	
65.40	**65.90**	**E1A**	**Basalt**	**GS0**
upper contact is irregular				
65.90	**71.70**	**I3C**	**Granodiorite**	**GS1**
<<Min: 68.6 - 69.1: 0.5% pyrite>> millimetric pyrite stringers at 50 degrees tca				
<<Min: 69.1 - 70: 0.5% pyrite>> euhedral <1mm				
71.70	**80.30**	**I1A**	**Gabbro**	**GS2**
<<Min: 79 - 80.3: 0.5% pyrite>> traces of pyrite stringers, millimetric, 80-90 degrees tca				
<<Alt: 72 - 72.3: strong Epidote / moderate K-feldspar / moderate Calcite>> 10cm epidote-calcite band at 30 (upper) and 40 (lower) degrees tcaWeakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m2 (3-10%)				
<<Alt: 72.3 - 74: moderate K-feldspar / weak Calcite>> Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m1 (<3%)				
<<Alt: 74 - 75.5: moderate K-feldspar>> Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m				
<<Alt: 75.5 - 76: moderate K-feldspar / weak Epidote>> Weakly pervasive, stronger around epicote veinlets at 67.5m and 75.5m				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
65.40	65.90	0.50	335073	0.0025				
65.90	67.00	1.10	335074	0.0025				
67.00	68.00	1.00	335075	0.0025				
68.00	68.60	0.60	335076	0.0025				
68.60	69.10	0.50	335077	0.0025				
69.10	70.00	0.90	335078	0.0025				
70.00	71.00	1.00	335079	0.0025				
71.00	71.70	0.70	335080	0.0025				
71.70	73.00	1.30	335081	0.0025				
73.00	74.00	1.00	335082	0.0025				
74.00	75.00	1.00	335083	0.0025				
75.00	75.50	0.50	335084	0.0025				
75.50	75.80	0.30	335085	0.0025				
75.80	77.00	1.20	335086	0.0025				
77.00	78.00	1.00	335087	0.0025				
78.00	79.00	1.00	335088	0.0025				
79.00	80.30	1.30	335089	0.0025				
80.30	81.00	0.70	335090	0.0025				

Hole: PAC-19-001

From (m)	To (m)	Rock Type & Description	
80.30	**86.30**	**E1A** **Basalt**	**GS1**
5% rounded gabbro xenoliths, 0.5-3cm			
<<Min: 80.3 - 81: 2% pyrite>> 1% very fine pyrite in <1cm clusters			
<<Min: 84.4 - 84.7: 2% pyrite>> coarse pyrite within irregular 1cm quartz vein, seems to be parallel tca			
<<Alt: 85.9 - 86.2: moderate Epidote>> diffuse bleached band with epidote			
86.30	**102.00**	**I3C** **Granodiorite**	**GS1**
From Quicklog: Massive, fine-grained, medium grey. Traces of 1-5mm epidote veins with 10cm potassic halos. From 99-99.6m, a basalt interval with weak pervasive epidote-carbonate alteration and 2% mafic fragments is intersected.			
<<Min: 86.3 - 87.8: 2% pyrite>>			
<<Min: 87.8 - 88.1: 10% pyrite / 0.5% Molybdenite>> pyrite is found within clusters in a 1cm quartz vein at 25 degrees tca and disseminated around it. 5-7%. Molybdenite is present in 2-3mm clusters within the quartz vein			
<<Alt: 86.3 - 88: moderate K-feldspar>> Weak to locally weak-moderate, does not affect xenoliths within the granodiorite			
<<Alt: 88 - 89: moderate K-feldspar / weak Epidote>> Weak to locally weak-moderate, does not affect xenoliths within the granodioritemillimetric fractures, 20 degrees tca			
<<Alt: 89 - 93: moderate K-feldspar>> Weak to locally weak-moderate, does not affect xenoliths within the granodiorite			
<<Alt: 98 - 99.1: moderate K-feldspar>>			
<<Alt: 99.1 - 99.7: moderate K-feldspar / weak Epidote>>			
<<Alt: 99.7 - 102: moderate K-feldspar>>			
<<Vein: 87.9 - 88: Quartz vein contain >90% quartz>> 1cm wide, contains clusters of pyrite and molybdenite			

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
81.00	82.00	1.00	335092	0.0025				
82.00	83.00	1.00	335093	0.0025				
83.00	84.00	1.00	335094	0.0025				
84.00	84.40	0.40	335095	0.0025				
84.40	84.70	0.30	335096	0.0025				
84.70	85.00	0.30	335097	0.0025				
85.00	86.30	1.30	335098	0.0025				
86.30	87.00	0.70	335099	0.0025				
87.00	87.50	0.50	335100	0.0025				
87.50	87.80	0.30	335101	0.0025				
87.80	88.10	0.30	335102	0.0025				
88.10	88.40	0.30	335104	0.0025				
88.40	89.00	0.60	335105	0.0025				
89.00	90.00	1.00	335106	0.012				
90.00	91.00	1.00	335107	0.0025				
91.00	92.00	1.00	335108	0.0025				
92.00	92.70	0.70	335109	0.0025				
92.70	94.00	1.30	335111	0.0025				
94.00	95.50	1.50	335112	0.0025				
95.50	97.00	1.50	335113	0.0025				
97.00	98.00	1.00	335114	0.0025				
98.00	99.00	1.00	335115	0.0025				
99.00	99.70	0.70	335116	0.0025				
99.70	101.00	1.30	335117	0.0025				
101.00	102.00	1.00	335118	0.031				

Hole: PAC-19-001

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 102

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-002

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-10-20	**Core Size:**	NQ
UTM East:	441113.1	**Azimuth:**	179	**Date Completed:**	2019-10-21	**Casing Pulled?:**	☐
UTM North:	5644331	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	414.9	**Length (m):**	102	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-50.3	178.6				☑	
45	Reflex			-49.9	177				☑	
75	Reflex			-49.6	179.4			57079	☑	

Hole: PAC-19-002

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.30**	**OB Overburden**									
casing (1.5m) and C.N.R. (no overburden but the core starts at 2.3m)											
2.30	**16.00**	**I1A Gabbro GS2**									
Dark greenish grey, medium-grained, massive. Soft due to weak pervasive chlorite alteration (chloritization of the pyroxenes). 2% felsic dikes intersect at 60 degrees tca, from 5mm to 20cm.											
16.00	**17.40**	**I3C Granodiorite GS1**									
Massive, medium grey and pink, fine to medium-grained. Pink colour is more intense around contacts and fractures due to potassic alteration. Grains range from <1mm to 2mm											
<<Alt: 17 - 17.4: weak K-feldspar>> Potassic alteration is found within massive, coarse felsic dikes ranging from 2mm to 20cm, and sometimes very weakly pervasive to the gabbro											
17.40	**17.70**	**E1A Basalt GS0**									
<<Alt: 17.4 - 17.7: moderate Epidote / weak K-feldspar>> 5-10% epidote-rich spots ranging from 5mm to 2cm within a basalt intervalPotassic alteration is found within massive, coarse felsic dikes ranging from 2mm to 20cm, and sometimes very weakly pervasive to the gabbro											
17.70	**18.20**	**I3C Granodiorite GS1**									
Massive, medium grey and pink, fine to medium-grained. Pink colour is more intense around contacts and fractures due to potassic alteration. Grains range from <1mm to 2mm											
<<Alt: 17.7 - 23.6: weak K-feldspar>> Potassic alteration is found within massive, coarse felsic dikes ranging from 2mm to 20cm, and sometimes very weakly pervasive to the gabbro											
18.20	**21.60**	**I1A Gabbro GS2**									
Dark greenish grey, medium-grained, massive. Soft due to weak pervasive chlorite alteration (chloritization of the pyroxenes)											
21.60	**24.20**	**I3C Granodiorite GS1**	22.00	23.00	1.00	335119	0.037				
Massive, medium grey and pink, fine to medium-grained. Pink colour is more intense around contacts and fractures due to potassic alteration. Grains range from <1mm to 2mm. Broken core at upper contact (could not measure)											
<<Alt: 23.6 - 24.2: strong K-feldspar>> Potassic alteration is present throughout this interval, and forms stronger halos around fractures sometimes containing carbonate-epidote filling.			23.00	24.20	1.20	335120	0.0025				
			24.20	25.00	0.80	335121	0.0025				
24.20	**53.70**	**E1A Basalt GS0**	25.00	26.20	1.20	335122	0.0025				
Broken core at upper contact, could not measure											
<<Min: 24.2 - 26.2: 0.5% pyrite>> Pyrite is found finely disseminated, in discontinuous stringers and within carbonate-epidote-filled fractures with potassic halos			26.20	26.90	0.70	335123	0.007				
<<Min: 26.2 - 26.9: 0.5% pyrite>> Euhedral, <2mm grains			26.90	28.00	1.10	335124	0.0025				

Hole: PAC-19-002

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Min: 26.9 - 28: 0.5% arsenopyrite / 0.5% pyrite>> Pyrite is found finely disseminated, in discontinuous stringers and within carbonate-epidote-filled fractures with potassic halos	28.00	28.50	0.50	335125	0.0025				
		<<Min: 28 - 28.5: 0.5% pyrite / 2% chalcopyrite / 2% pyrrhotite>> Chalcopyrite and pyrrhotite form clusters in and around 2-5mm quartz-carbonate veinlets at 60 degrees tca	28.50	30.00	1.50	335126	0.0025				
		<<Min: 28.5 - 32.3: 0.5% arsenopyrite / 0.5% pyrite>>	30.00	31.00	1.00	335127	0.0025				
		<<Min: 32.3 - 32.6: 2% pyrite / 2% pyrrhotite>> Coarse subhedral pyrite and fine-grained pyrrhotite clusters form a 5cm band at 90 degrees tca	31.00	32.00	1.00	335128	0.0025				
		<<Min: 32.6 - 34: 2% pyrite>> 1-2% fine-grained pyrite in clusters associated to patchy biotite alteration	32.00	32.30	0.30	335129	0.0025				
		<<Alt: 24.2 - 26.2: moderate Silicification / weak K-feldspar>> weak bleaching is also present around fractures and in 2-3mm spotsWeak potassic alteration present around fractures which sometimes contain epidote, and around 1-10cm felsic dikes.	32.30	32.60	0.30	335131	0.0025				
		<<Alt: 26.2 - 26.9: weak K-feldspar>> Weak potassic alteration present around fractures which sometimes contain epidote, and around 1-10cm felsic dikes.	32.60	33.00	0.40	335132	0.01				
		<<Alt: 26.9 - 32: moderate Silicification / weak K-feldspar>> weak bleaching is also present around fractures and in 2-3mm spotsWeak potassic alteration present around fractures which sometimes contain epidote, and around 1-10cm felsic dikes.	33.00	34.00	1.00	335133	0.0025				
		<<Alt: 32 - 35: moderate Biotite / weak K-feldspar>> 5mm-1.5cm biotite patches are associated with pyriteWeak potassic alteration present around fractures which sometimes contain epidote, and around 1-10cm felsic dikes.	34.00	35.00	1.00	335134	0.0025				
		<<Alt: 35 - 51: weak K-feldspar>> Weak potassic alteration present around fractures which sometimes contain epidote, and around 1-10cm felsic dikes.	35.00	36.00	1.00	335135	0.0025				
		<<Alt: 51 - 54: moderate K-feldspar>> Weak-moderate pervasive alteration, stronger 1-2cm spots and around fractures	36.00	37.00	1.00	335136	0.0025				
		<<Vein: 26.4 - 26.5: Quartz vein contain >90% quartz>> 5mm quartz vein within a 50cm granodiorite dike. The vein cuts the granodiorite but not the overlying basalt	37.00	38.00	1.00	335137	0.0025				
		<<Struc: 52.8 - 52.9: weak Fault 45 deg. >> 1cm fracture filled with fault gouge. Around the fracture, epidote and carbonates are present.	38.00	39.00	1.00	335138	0.006				
			39.00	40.00	1.00	335139	0.016				
			40.00	41.00	1.00	335140	0.0025				
			41.00	42.00	1.00	335141	0.0025				
			42.00	43.00	1.00	335142	0.0025				
53.70	**58.30**	**I3C Granodiorite GS2** Massive, medium grey and pink, fine to medium-grained. Pink colour is more intense around contacts and fractures due to potassic alteration. Grains range from <1mm to 2mm <<Alt: 54 - 58.3: moderate Epidote / moderate K-feldspar>> 3-5% epidote-carbonate fracture-filling. Also found in halos around fractures.Weak-moderate pervasive alteration, stronger 1-2cm spots and around fractures									

Hole: PAC-19-002

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
58.30	**60.50**	**E1A**	**Basalt**	**GS0**									
Dark to medium grey, aphanitic. Cut by 0.2-2m gabbroic dikes, which are cut by smaller 1-5cm coarse-grained felsic dikes													
<<Alt: 58.3 - 63: weak Epidote / weak K-feldspar>> Found in sparse 1-2mm fractures, sometimes with calcitePervasive but not constant; stronger around felsic dikes, fractures, and in 1-5cm patches													
60.50	**61.80**	**I1A**	**Gabbro**	**GS2**									
61.80	**79.40**	**E1A**	**Basalt**	**GS0**									
Dark to medium grey, aphanitic. Cut by 0.2-2m gabbroic dikes, which are cut by smaller 1-5cm coarse-grained felsic dikes													
<<Min: 66.4 - 68.6: 0.5% pyrite>> <2mm, euhedral													
<<Alt: 63 - 66: weak Epidote / weak K-feldspar / weak Calcite>> Found in sparse 1-2mm fractures, sometimes with calcitePervasive but not constant; stronger around felsic dikes, fractures, and in 1-5cm patchesFound in 1-2mm fractures with epidote													
<<Alt: 66 - 70: weak K-feldspar>> Pervasive but not constant; stronger around felsic dikes, fractures, and in 1-5cm patches													
<<Alt: 70 - 79.4: weak K-feldspar>> In halos around fractures and dikelets													
79.40	**92.80**	**I1A**	**Gabbro**	**GS2**									
Dark greenish grey, massive. Cut by 5% 1-10cm felsic dikes.													
<<Alt: 79.4 - 86: strong K-feldspar>> Weakly pervasive, stronger around dikes and fractures													
<<Alt: 86 - 95.8: weak K-feldspar>> Found within <1cm felsic dikes and fractures													
92.80	**95.80**	**E1A**	**Basalt**	**GS0**									
Dark to medium grey, aphanitic. Locally, 2-3% 5mm amygdules are filled with calcite.													
95.80	**97.40**	**I3C**	**Granodiorite**	**GS1**									
<<Alt: 95.8 - 97.4: moderate K-feldspar>> Stronger around fractures and contacts													
97.40	**102.00**	**E1A**	**Basalt**	**GS0**									
Dark to medium grey, aphanitic. Locally, 2-3% 5mm amygdules are filled with calcite.													

End of Hole @ 102

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-003

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-10-21	**Core Size:**	NQ
UTM East:	441083	**Azimuth:**	180	**Date Completed:**	2019-10-22	**Casing Pulled?:**	☐
UTM North:	5644331	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	414.3	**Length (m):**	102.2	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-50.2	179.6			56717	☑	
45	Reflex			-49.9	178.8			56941	☑	
75	Reflex			-49.7	178.5			56691	☑	
102	Reflex			-49.6	179.3			57381	☑	

Hole: PAC-19-003

From (m)	To (m)		Rock Type & Description	
0.00	**1.90**	**OB**	**Overburden**	
overburden				
1.90	**4.50**	**E1A**	**Basalt**	
<<Min: 1.9 - 4.5: 0.5% pyrite>> Very fine-grained pyrite, disseminated and in 1-2mm clusters				
4.50	**12.30**	**I3C**	**Granodiorite**	**GS1**
Medium grey and pink, massive, fine to medium-grained. 2-5% 0.5-2cm sub-angular mafic fragments.				
<<Min: 4.5 - 17.5: 0.5% pyrite>> In 1mm euhedral grains				
12.30	**13.00**	**I1A**	**Gabbro**	**GS2**
13.00	**18.10**	**I3C**	**Granodiorite**	**GS1**
Medium grey and pink, massive, fine to medium-grained. 2-5% 0.5-2cm sub-angular mafic fragments.				
<<Min: 17.5 - 22: 2% pyrite>> 1-2% fine-grained pyrite, disseminated and in stringers at 45 degrees tca. Also found within epidote-rich bands and fractures.				
<<Alt: 17.5 - 18.2: moderate Silicification>> Weak pervasive silicification				
18.10	**23.80**	**E1A**	**Basalt**	**GS0**
Dark grey with medium grey patches. Locally, 10% subhedral feldspar phenocrysts are present.				
<<Min: 22 - 23.8: 10% pyrite>> Within carbonate-epidote-rich bands ranging from 10-20cm, pyrite is disseminated and found in 1-2cm clusters. Locally up to 10% over 15cm				
<<Alt: 18.2 - 18.4: moderate Epidote / moderate Silicification>> Weak pervasive silicification				
<<Alt: 18.4 - 20: moderate Silicification>> Weak pervasive silicification				
<<Alt: 20 - 22: moderate Silicification / strong Sericite>> Weak pervasive silicificationForming bleached halos around fractures at 40-60 degrees tca. More concentrated in 12-15cm bands at 22.9 and 23.6m				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
1.90	3.00	1.10	335143	0.0025				
3.00	4.50	1.50	335144	0.0025				
4.50	6.00	1.50	335145	0.0025				
6.00	7.50	1.50	335146	0.0025				
7.50	9.00	1.50	335147	0.0025				
9.00	10.50	1.50	335148	0.0025				
10.50	12.00	1.50	335149	0.0025				
12.00	13.50	1.50	335151	0.0025				
13.50	15.00	1.50	335152	0.0025				
15.00	16.00	1.00	335153	0.0025				
16.00	16.60	0.60	335154	0.0025				
16.60	17.00	0.40	335155	0.0025				
17.00	17.50	0.50	335156	0.0025				
17.50	18.20	0.70	335157	0.0025				
18.20	19.00	0.80	335158	0.0025				
19.00	20.00	1.00	335159	0.0025				
20.00	21.00	1.00	335160	0.006				
21.00	22.00	1.00	335161	0.0025				
22.00	22.70	0.70	335162	0.0025				

Hole: PAC-19-003

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 22 - 23.8: moderate Epidote / moderate Silicification / strong Sericite>> In 12-15cm bands with sericite, carbonates and pyriteWeak pervasive silicificationForming bleached halos around fractures at 40-60 degrees tca. More concentrated in 12-15cm bands at 22.9 and 23.6m					22.70	23.40	0.70	335163	0.009				
					23.40	23.80	0.40	335164	0.0025				
23.80	**24.10**	**I3C**	**Granodiorite**	**GS1**									
massive to weakly foliated, foliation at 40-45 degrees tca													
<<Min: 23.8 - 35.5: 0.5% pyrite>> Very fine pyrite in clusters, discontinuous stringers at 40-45 degrees tca and at the contacts of 2mm-1cm quartz-feldspar dikelets													
<<Alt: 23.8 - 35.5: moderate Silicification>> Weak pervasive silicification													
					23.80	24.10	0.30	335165	0.0025				
					24.10	25.00	0.90	335166	0.0025				
24.10	**27.10**	**E1A**	**Basalt**	**GS0**	25.00	26.00	1.00	335167	0.0025				
Dark grey with medium grey patches. Locally, 10% subhedral feldspar phenocrysts are present.													
					26.00	27.10	1.10	335168	0.0025				
					27.10	28.10	1.00	335169	0.0025				
27.10	**28.10**	**I3C**	**Granodiorite**	**GS1**									
					28.10	29.00	0.90	335171	0.0025				
28.10	**35.50**	**E1A**	**Basalt**	**GS0**	29.00	30.00	1.00	335172	0.0025				
Dark grey with medium grey patches. Locally, 10% subhedral feldspar phenocrysts are present.													
					30.00	31.00	1.00	335173	0.0025				
					31.00	32.00	1.00	335174	0.0025				
					32.00	33.00	1.00	335175	0.0025				
					33.00	34.00	1.00	335176	0.0025				
					34.00	35.50	1.50	335177	0.0025				
35.50	**35.80**	**I3C**	**Granodiorite**	**GS1**	35.50	37.00	1.50	335178	0.012				
Medium grey and pink, massive, fine to medium-grained. 2-5% 0.5-2cm sub-angular mafic fragments.													
35.80	**36.10**	**I1A**	**Gabbro**	**GS2**									
36.10	**41.90**	**I3C**	**Granodiorite**	**GS1**									
Medium grey and pink, massive, fine to medium-grained. 2-5% 0.5-2cm sub-angular mafic fragments.													
					37.00	38.50	1.50	335179	0.0025				

Hole: PAC-19-003

From (m)	To (m)		Rock Type & Description	
41.90	**44.90**	**E1A**	**Basalt**	**GS0**
<<Alt: 41.9 - 44.9: moderate Epidote>> Concentrated within 2mm-1cm fractures				
44.90	**45.90**	**I3C**	**Granodiorite**	**GS1**
upper contact is irregular, some broken core is present				
<<Alt: 44.9 - 63: weak Epidote>> Found in plating within fractures				
45.90	**49.50**	**I1A**	**Gabbro**	**GS2**
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts. Lower contact is diffuse				
49.50	**51.30**	**E1A**	**Basalt**	**GS0**
upper contact occures around epidote-carbonate-hematite veining (fault zone) and could not be measured				
<<Struc: 49.5 - 50.5: Fault>>				
51.30	**63.40**	**I1A**	**Gabbro**	**GS2**
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts. Lower contact is diffuse				
<<Alt: 63 - 66: weak Calcite / weak Epidote>> Found in 1-2mm fractures with epidoteFound in plating within fractures				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
38.50	40.00	1.50	335180	0.0025				
40.00	41.00	1.00	335181	0.0025				
41.00	41.90	0.90	335182	0.0025				
41.90	43.00	1.10	335183	0.0025				
43.00	44.00	1.00	335184	0.0025				
44.00	44.90	0.90	335185	0.0025				
44.90	45.90	1.00	335186	0.0025				
45.90	47.00	1.10	335187	0.0025				
47.00	48.00	1.00	335188	0.0025				
48.00	49.50	1.50	335189	0.0025				
49.50	50.00	0.50	335191	0.0025				
50.00	50.50	0.50	335192	0.0025				
50.50	51.30	0.80	335193	0.0025				
51.30	52.00	0.70	335194	0.0025				
52.00	53.50	1.50	335195	0.0025				
53.50	55.00	1.50	335196	0.0025				
55.00	56.50	1.50	335197	0.0025				
56.50	58.00	1.50	335198	0.0025				
58.00	59.50	1.50	335199	0.0025				
59.50	61.00	1.50	335200	0.0025				
61.00	62.50	1.50	335201	0.0025				
62.50	64.00	1.50	335202	0.0025				

Hole: PAC-19-003

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
63.40	**63.60**	**I3C**	**Granodiorite**	**GS1**									
lower contact is slightly irregular but trends at 45 degrees tca													
63.60	**65.40**	**I1A**	**Gabbro**	**GS2**									
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts. Lower contact is diffuse													
<<Min: 65.1 - 68.2: 0.5% pyrite>> Pyrite finely disseminated within the granodiorite, and around coarse-grained quartz-feldspar dikeles, 1-5cm, at 30 degrees tca.													
					64.00	65.40	1.40	335203	0.0025				
					65.40	66.40	1.00	335204	0.0025				
65.40	**69.10**	**I3C**	**Granodiorite**	**GS1**	66.40	66.90	0.50	335205	0.0025				
Medium grey and pink, massive, fine to medium-grained. 2-5% 0.5-2cm sub-angular mafic fragments.													
<<Alt: 66 - 66.4: weak Epidote>> Found in plating within fractures					66.90	67.90	1.00	335206	0.0025				
<<Alt: 66.4 - 69.1: moderate Epidote>> Concentrated within 2mm-1cm fractures					67.90	68.20	0.30	335207	0.0025				
					68.20	69.10	0.90	335208	0.0025				
69.10	**72.80**	**I1A**	**Gabbro**	**GS2**									
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts.													
					69.10	70.00	0.90	335209	0.0025				
					70.00	71.50	1.50	335211	0.0025				
					71.50	72.00	0.50	335212	0.0025				
					72.00	73.50	1.50	335213	0.0025				
72.80	**73.10**	**I3C**	**Granodiorite**	**GS1**									
73.10	**76.10**	**I1A**	**Gabbro**	**GS2**									
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts.													
					73.50	75.00	1.50	335214	0.0025				
					75.00	76.50	1.50	335215	0.008				
76.10	**76.50**	**I3C**	**Granodiorite**	**GS1**									
76.50	**80.80**	**I1A**	**Gabbro**	**GS2**	76.50	78.00	1.50	335216	0.0025				
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts.													
					78.00	79.50	1.50	335217	0.0025				
					79.50	81.00	1.50	335218	0.0025				
80.80	**81.30**	**I3A**	**Granite**	**GS1**	81.00	82.50	1.50	335219	0.0025				

Hole: PAC-19-003

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
81.30	**95.50**	**I1A Gabbro**	**GS2**	82.50	84.00	1.50	335220	0.0025				
Medium-grey, fine to medium-grained, with 3-5% chloritized pyroxene phenocrysts.												
<<Min: 94.5 - 96.9: 0.5% pyrite>> Up to 1% finely disseminated pyrite				84.00	85.50	1.50	335221	0.0025				
				85.50	87.00	1.50	335222	0.0025				
				87.00	88.50	1.50	335223	0.0025				
				88.50	90.00	1.50	335224	0.0025				
				90.00	91.50	1.50	335225	0.0025				
				91.50	93.00	1.50	335226	0.0025				
				93.00	94.50	1.50	335227	0.0025				
				94.50	95.50	1.00	335228	0.0025				
95.50	**102.20**	**I3C Granodiorite**	**GS1**	95.50	96.00	0.50	335229	0.0025				
Light pink, massive, fine to medium-grained. 2-5% 0.5-2cm sub-angular mafic fragments.												
<<Min: 96.9 - 97.2: 2% pyrite / 2% pyrrhotite>> Pyrite and pyrrhotite in clusters around centimetric quartz-feldspar dikelets at 45-50 degrees tca.				96.00	96.90	0.90	335231	0.0025				
<<Min: 97.2 - 98: 0.5% pyrite>> Finely disseminated and in 5mm clusters				96.90	97.20	0.30	335232	0.0025				
<<Alt: 95.5 - 96: moderate Epidote / weak Silicification>> Concentrated within a 3cm diffuse band and in fractures				97.20	98.00	0.80	335233	0.0025				
<<Alt: 96 - 98: weak Silicification>>				98.00	99.50	1.50	335234	0.0025				
				99.50	101.00	1.50	335235	0.0025				
				101.00	102.20	1.20	335236	0.0025				

End of Hole @ 102.2

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-004

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-10-23	**Core Size:**	NQ
UTM East:	441097	**Azimuth:**	182	**Date Completed:**	2019-10-25	**Casing Pulled?:**	☐
UTM North:	5644361	**Dip:**	-64	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	412.6	**Length (m):**	201	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-64.2	182.7			56691	☑	
12	Reflex			-64.2	182.1			56869	☑	
15	Reflex			-64.3	182.2			56557	☑	
21	Reflex			-64.2	182.8			56690	☑	
24	Reflex			-64.2	182.7			56656	☑	
27	Reflex			-64.2	182.9			56865	☑	
30	Reflex			-64.1	182.3			56885	☑	
33	Reflex			-64.1	182.3			56893	☑	
36	Reflex			-64.1	182.9			56832	☑	
39	Reflex			-64.1	182.1			56867	☑	
42	Reflex			-64.1	182.6			56902	☑	
45	Reflex			-64.1	182.6			56711	☑	
48	Reflex			-64.1	182.4			56769	☑	

Hole: PAC-19-004

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-64	182.4			57053	☑	
54	Reflex			-64.1	182.2			56904	☑	
57	Reflex			-64.1	182.3			57060	☑	
60	Reflex			-64	182.3			57016	☑	
63	Reflex			-64	183			57066	☑	
69	Reflex			-64	182.8			56870	☑	
75	Reflex			-63.9	184.2			56663	☑	
78	Reflex			-63.9	184.5			56681	☑	
84	Reflex			-63.9	184.6			56787	☑	
87	Reflex			-63.8	182.9			57716	☑	
93	Reflex			-63.8	184.7			56866	☑	
96	Reflex			-63.9	184.6			56645	☑	
99	Reflex			-63.8	184.7			56483	☑	
102	Reflex			-63.7	183.5			56843	☑	
105	Reflex			-63.6	183			56778	☑	
108	Reflex			-63.6	183			56936	☑	
111	Reflex			-63.6	183			57245	☑	
114	Reflex			-63.5	183.7			56819	☑	
117	Reflex			-63.5	184.1			57038	☑	
120	Reflex			-63.5	184.4			57150	☑	
123	Reflex			-63.3	184.4			57549	☑	
129	Reflex			-63.3	183.4			57054	☑	
132	Reflex			-63.3	184.8			57043	☑	
138	Reflex			-63.3	183.2			57302	☑	

Hole: PAC-19-004

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	Reflex			-63.3	184.7			56597	☑	
147	Reflex			-63.3	184.1			56239	☑	
153	Reflex			-63.2	184.2			56760	☑	
156	Reflex			-63.2	185			56867	☑	
159	Reflex			-63.1	184.4			56644	☑	
165	Reflex			-63.1	183.5			57505	☑	
168	Reflex			-63.1	183.9			57308	☑	
171	Reflex			-63.1	183.7			57313	☑	
174	Reflex			-63.1	183.9			56720	☑	
180	Reflex			-63.1	183.4			56949	☑	
183	Reflex			-63	183.6			56878	☑	
186	Reflex			-63.1	183.8			56635	☑	
189	Reflex			-63	184.3			56745	☑	
192	Reflex			-63	183.4			56688	☑	
195	Reflex			-62.9	183.1			56778	☑	
198	Reflex			-62.9	183.4			56927	☑	
201	Reflex			-62.8	184			56995	☑	

Hole: PAC-19-004

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.45**	**OB**	**Overburden**										
					3.45	5.00	1.55	335237	0.0025				
3.45	**6.10**	**I1A**	**Gabbro**	**GS2**	5.00	6.10	1.10	335238	0.0025				
Medium green and grey medium grained gabbro. Matrix is dominated by well formed medium green amphiboles, bladed books of biotite and interstitial quartz and plagioclase. Very weak kspar alteration in the plagioclase. Weak disseminated fine grained pyrite.													
<<Alt: 5.75 - 5.9: intense K-feldspar>>													
6.10	**9.55**	**E1A**	**Basalt**	**GS1**									
Dark grey-green fine grained basalt. Crosscut by many felsic intrusions in unorganized ways. Some tabular fine grained subhedral plagioclase crystals, rounded more felsic weakly porphyritic xenoliths. Fine disseminated pyrite mineralization.													
<<Alt: 6.3 - 7.1: moderate Epidote>> Associated with pyrite													
					6.10	7.00	0.90	335239	0.0025				
					7.00	8.00	1.00	335240	0.0025				
					8.00	9.00	1.00	335241	0.0025				
					9.00	10.00	1.00	335242	0.0025				
9.55	**10.65**	**I3B**	**Tonalite**	**GS2**	10.00	11.00	1.00	335243	0.0025				
Fine to medium grained tonalite, weak potassic alteration, but not enough to make it a granodiorite. 5-10% dark green amphiboles, trace disseminated pyrite.													
10.65	**11.25**	**E1A**	**Basalt**	**GS1**									
Dark grey-green fine grained basalt. Crosscut by many felsic intrusions in unorganized ways. Some tabular fine grained subhedral plagioclase crystals, rounded more felsic weakly porphyritic xenoliths. Fine disseminated pyrite mineralization.													
<<Alt: 10.7 - 11.3: moderate Epidote>>													
					11.00	12.00	1.00	335244	0.0025				
11.25	**12.80**	**I3C**	**Granodiorite**	**GS2**	12.00	13.50	1.50	335245	0.0025				
Fine to medium grained granodiorite, weak potassic alteration. 5-10% dark green amphiboles, trace disseminated pyrite.													
12.80	**19.20**	**E1A**	**Basalt**	**GS1**	13.50	15.00	1.50	335246	0.0025				
Dark grey-green fine grained basalt. Crosscut by many felsic intrusions in unorganized ways. Some tabular fine grained subhedral plagioclase crystals, rounded more felsic weakly porphyritic xenoliths. Fine disseminated pyrite mineralization.													
<<Alt: 18.5 - 18.85: weak K-feldspar>>					15.00	16.50	1.50	335247	0.0025				
<<Vein: 16.05 - 16.06: Quartz-Carbonate vein contain 10-90% quartz>> Crosscutting white quartz vein with potassic alteration and trace pyrite					16.50	18.00	1.50	335248	0.0025				
					18.00	19.00	1.00	335249	0.0025				

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			19.00	20.00	1.00	335250	0.0025				
19.20	**24.35**	**I3C Granodiorite GS2**	20.00	20.90	0.90	335251	0.005				
Granodiorite with moderate to strong amphibole alteration making up ~40% of interval. Quartz interstitial to green amphiboles are amorphous. Sharp upper and lower contacts. Weak to moderate magnetism.											
<<Alt: 19.2 - 19.65: strong K-feldspar>>			20.90	22.00	1.10	335252	0.0025				
<<Vein: 20.95 - 21: Quartz-Carbonate vein contain 10-90% quartz>> Crosscutting quartz vein with hematite/potassic alteration. No mineralization.			22.00	23.00	1.00	335253	0.0025				
			23.00	24.00	1.00	335254	0.0025				
			24.00	25.00	1.00	335255	0.0025				
24.35	**30.35**	**E1A Basalt GS1**	25.00	26.00	1.00	335257	0.0025				
Dark grey-green fine grained basalt with potassic and epidote alteration. Weak patchy foliation. Fine grained disseminated pyrite.											
<<Min: 24.8 - 30.35: 2% pyrite>>			26.00	27.00	1.00	335258	0.0025				
<<Alt: 24.8 - 27.3: moderate Epidote>>			27.00	28.00	1.00	335259	0.0025				
<<Alt: 27.7 - 27.9: strong Epidote / complete K-feldspar>> Epidote alteration halo weakening outward from fractures			28.00	29.00	1.00	335260	0.0025				
<<Alt: 27.9 - 28.3: strong Epidote>> Epidote alteration halo weakening outward from fractures			29.00	30.35	1.35	335261	0.0025				
<<Alt: 28.3 - 29.7: strong Epidote / moderate K-feldspar>> Epidote alteration halo weakening outward from fractures											
<<Alt: 29.7 - 30.25: moderate K-feldspar>>											
<<Alt: 30.25 - 30.35: moderate K-feldspar / weak Epidote>>											
<<Vein: 25.1 - 25.13: Quartz-Carbonate vein contain 10-90% quartz>> Crosscutting quartz vein with hematite/potassic alteration. Trace pyrite.											
<<Struc: 24.4 - 28.5: Foliation 40 deg. >> Weak foliation											
			30.35	32.00	1.65	335262	0.0025				
30.35	**36.10**	**I3A1 Alkali Feldspar Granite GS2**	32.00	33.00	1.00	335263	0.0025				
Orange and dark grey alkali feldspar granite. Sharp planar upper and lower contacts. Crystals are slightly subhedral. Strong potassic alteration and fracture related epidote alteration.											
<<Alt: 30.35 - 32.8: intense K-feldspar / weak Epidote>>			33.00	34.00	1.00	335264	0.0025				
<<Alt: 32.8 - 34: intense K-feldspar>>			34.00	35.00	1.00	335265	0.0025				
<<Alt: 34 - 34.25: complete K-feldspar>>			35.00	36.10	1.10	335266	0.0025				
<<Alt: 34.25 - 35.2: complete K-feldspar / moderate Epidote>>											
<<Alt: 35.2 - 35.7: moderate Epidote / strong K-feldspar>>											

Hole: PAC-19-004

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 35.7 - 36.1: strong K-feldspar>>													
36.10	**36.65**	**E1A**	**Basalt**	**GS1**									
Dark grey-green fine grained basalt with potassic and epidote alteration. Weak patchy foliation. Fine grained disseminated pyrite.													
					36.10	37.20	1.10	335267	0.011				
36.65	**41.10**	**E2T**	**Intermediate Tuff**	**GS1**	37.20	38.10	0.90	335268	0.009				
Dark grey heterogeneous tuff, layering and foliation, heterogeneous grain size with layering. Alteration influenced by layering, fractures and small intrusions. Moderate foliation, competent, weak to moderate magnetism													
<<Alt: 36.7 - 36.8: weak K-feldspar>>					38.10	39.00	0.90	335269	0.013				
<<Alt: 36.8 - 37.2: complete Epidote / weak K-feldspar>>					39.00	40.10	1.10	335270	0.012				
<<Alt: 37.2 - 39.75: moderate Silicification / weak K-feldspar>> Thin collection of discontinuous parallel quartz whisps.					40.10	41.00	0.90	335271	0.008				
<<Alt: 39.75 - 40: weak K-feldspar>>					41.00	42.00	1.00	335272	0.007				
<<Struc: 36.7 - 46: Foliation 45 deg. >> Moderate foliation													
41.10	**42.00**	**I3C**	**Granodiorite**	**GS2**									
Small grey intrusion crosscutting and brecciating tuff host. Weak potassic alteration.													
<<Alt: 41.5 - 41.7: moderate Epidote>>													
<<Alt: 41.7 - 42: moderate Epidote / moderate K-feldspar>>													
42.00	**45.75**	**E2T**	**Intermediate Tuff**	**GS1**	42.00	43.00	1.00	335273	0.006				
Dark grey heterogeneous tuff, layering and foliation, heterogeneous grain size with layering. Alteration influenced by layering, fractures and small intrusions. Moderate foliation, competent, weak to moderate magnetism													
<<Alt: 43.3 - 43.6: intense Epidote / moderate K-feldspar>>					43.00	44.00	1.00	335274	0.008				
<<Alt: 43.6 - 43.65: moderate K-feldspar>>					44.00	45.00	1.00	335275	0.012				
<<Alt: 43.65 - 43.75: complete K-feldspar>>					45.00	46.00	1.00	335276	0.0025				
<<Alt: 44.6 - 45: strong K-feldspar>>													
45.75	**46.55**	**I1A**	**Gabbro**	**GS2**	46.00	47.00	1.00	335278	0.0025				
Dark green gabbro. Interval is dominated by well formed equant euhedral to subhedral amphibole crystals. Lower contact brecciated/intruded by felsic intrusion with strong potassic alteration.													
<<Alt: 46.2 - 47: moderate K-feldspar>>													
46.55	**47.00**	**I3A**	**Granite**	**GS1**									
Felsic intrusion with amorphous interstitial quartz. Potassic alteration.													

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
47.00	**53.55**	**I1A Gabbro**	**GS2**	47.00	48.00	1.00	335279	0.0025				
Dark green gabbro. Interval is dominated by well formed equant euhedral to subhedral amphibole crystals. Lower contact brecciated/intruded by felsic intrusion with strong potassic alteration.												
<<Alt: 51.4 - 51.5: intense K-feldspar>>				48.00	49.00	1.00	335280	0.0025				
<<Alt: 51.5 - 52.7: intense K-feldspar / weak Epidote>>				49.00	50.50	1.50	335281	0.0025				
<<Alt: 52.7 - 53.55: intense K-feldspar>>				50.50	52.00	1.50	335282	0.0025				
				52.00	53.55	1.55	335283	0.009				
53.55	**57.00**	**E1A Basalt**	**GS1**									
Dark grey basalt. Moderate siliceous flooding, heavily influenced by felsic intrusions. Weak to moderate magnetism. Weak disseminated pyrite.												
<<Alt: 53.7 - 56.1: moderate K-feldspar>>												
				53.55	55.00	1.45	335284	0.0025				
				55.00	56.00	1.00	335285	0.0025				
				56.00	57.00	1.00	335286	0.0025				
57.00	**58.15**	**I3A1 Alkali Feldspar Granite**	**GS2**	57.00	58.00	1.00	335287	0.0025				
Intrusion with subhedral plagioclase and quartz. Strong potassic alteration, fracture related epidote alteration.												
<<Alt: 57 - 58.65: complete K-feldspar>>				58.00	59.00	1.00	335288	0.0025				
58.15	**60.35**	**E1A Basalt**	**GS1**	59.00	60.00	1.00	335289	0.0025				
Dark grey basalt. Moderate siliceous flooding, heavily influenced by felsic intrusions. Weak to moderate magnetism. Weak disseminated pyrite.												
<<Alt: 58.65 - 58.85: complete Epidote / complete K-feldspar>>				60.00	61.00	1.00	335290	0.005				
<<Alt: 58.85 - 58.9: complete K-feldspar>>												
<<Alt: 59.6 - 60: complete K-feldspar>>												
60.35	**62.90**	**I1A Gabbro**	**GS2**									
Medium green gabbro. Unorganized, massive, 1-2% disseminated pyrite which appears to be associated with disseminated epidote alteration.												
<<Alt: 60.35 - 62.9: weak Epidote>>												
				61.00	62.00	1.00	335291	0.0025				
				62.00	63.00	1.00	335292	0.012				

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
62.90	**64.25**	**I3B Tonalite**	**GS2**	63.00	64.00	1.00	335293	0.0025				
Light grey tonalite. Quartz is the dominant felsic mineral, it is amorphous and interstitial. Fine bleached plagioclase are somewhat tabular and subhedral. ~20% medium grained green amphiboles.												
<<Alt: 63 - 67.8: strong Silicification>> Quartz flooding/replacement in the basalt matrix				64.00	65.00	1.00	335294	0.0025				
64.25	**67.80**	**E1A Basalt**	**GS1**	65.00	66.00	1.00	335295	0.0025				
Dark grey basalt. Moderate siliceous flooding, heavily influenced by felsic intrusions. Weak to moderate magnetism. Weak disseminated pyrite.												
<<Vein: 65.18 - 65.2: Quartz-Carbonate vein contain 10-90% quartz>> Crosscutting quartz vein with hematite/potassic alteration. No mineralization.				66.00	67.00	1.00	335296	0.0025				
				67.00	68.00	1.00	335298	0.0025				
67.80	**68.30**	**I3A1 Alkali Feldspar Granite**	**GS2**	68.00	69.00	1.00	335299	0.0025				
Mostly orange felsic intrusion with strong potassic alteration. Distinct upper contact, but lower contact appears to bleed into underlying basalt.												
<<Alt: 67.8 - 68.25: intense K-feldspar / strong Silicification>> Quartz flooding/replacement in the basalt matrix												
<<Alt: 68.25 - 69.35: strong Silicification>> Quartz flooding/replacement in the basalt matrix												
68.30	**75.10**	**E1A Basalt**	**GS1**	69.00	70.00	1.00	335300	0.0025				
Dark grey basalt. Moderate siliceous flooding, heavily influenced by felsic intrusions. Weak to moderate magnetism. Weak disseminated pyrite.												
<<Alt: 69.35 - 69.45: complete K-feldspar / strong Silicification>> Quartz flooding/replacement in the basalt matrix				70.00	71.00	1.00	335301	0.0025				
<<Alt: 69.45 - 69.75: complete Epidote / complete K-feldspar / strong Silicification>> Quartz flooding/replacement in the basalt matrix				71.00	72.00	1.00	335302	0.0025				
<<Alt: 69.75 - 75: strong Silicification>> Quartz flooding/replacement in the basalt matrix				72.00	73.00	1.00	335303	0.0025				
<<Vein: 74.72 - 74.74: Quartz vein contain >90% quartz>> Crosscutting quartz vein with small feldspar crystal mixed in, hematite/potassic alteration. No mineralization.				73.00	74.00	1.00	335304	0.0025				
				74.00	75.10	1.10	335305	0.0025				
75.10	**82.65**	**I3B Tonalite**	**GS2**									
Larger light grey and dark tonalite intrusion. Small ripped up rounded xenoliths of surrounding basalt. Weak potassic alteration associated with fractures. ~20% green amphibole, trace fine dark red resinous garnets. Non magnetic.												
<<Alt: 75.1 - 76.1: intense K-feldspar / weak Garnet>> Trace fine grained garnet alteration												
<<Alt: 76.1 - 78: moderate K-feldspar / weak Garnet>> Trace fine grained garnet alteration												
<<Alt: 78 - 81.35: weak Garnet>> Trace fine grained garnet alteration												
<<Alt: 81.35 - 81.6: intense K-feldspar / weak Garnet>> Trace fine grained garnet alteration												

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 81.6 - 83: weak Garnet>> Trace fine grained garnet alteration									
		<<Vein: 76.04 - 76.05: Quartz vein contain >90% quartz>> Light grey cross cutting quartz vein with trace pyrite.									
			75.10	75.90	0.80	335306	0.0025				
			75.90	77.00	1.10	335307	0.0025				
			77.00	78.00	1.00	335308	0.0025				
			78.00	79.00	1.00	335309	0.0025				
82.65	**83.00**	**I1A Gabbro GS2**									
		Small lens of medium green amphibole dominated gabbro. Distinct planar parallel contacts.									
83.00	**83.40**	**I3B Tonalite GS2**									
		Larger light grey and dark tonalite intrusion. Small ripped up rounded xenoliths of surrounding basalt. Weak potassic alteration associated with fractures. ~20% green amphibole, trace fine dark red resinous garnets. Non magnetic.									
		<<Alt: 83 - 84.4: strong Silicification / weak Garnet>> Quartz flooding/replacement in the basalt matrixTrace fine grained garnet alteration									
83.40	**85.60**	**E1A Basalt GS1**									
		Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?									
		<<Alt: 84.4 - 85.65: strong Silicification>> Quartz flooding/replacement in the basalt matrix									
85.60	**86.90**	**I1A Gabbro GS2**									
		Small lens of medium green amphibole dominated gabbro. Distinct planar parallel contacts. Weakly magnetic, trace disseminated pyrite and epidote.									
		<<Alt: 85.65 - 86: strong Silicification / moderate Epidote>> Quartz flooding/replacement in the basalt matrix									
		<<Alt: 86 - 86.85: strong Silicification>> Quartz flooding/replacement in the basalt matrix									
		<<Alt: 86.85 - 86.9: strong Silicification / moderate Epidote>> Quartz flooding/replacement in the basalt matrix									
86.90	**90.20**	**E1A Basalt GS1**									
		Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?									
		<<Alt: 86.9 - 87.1: complete K-feldspar / strong Silicification>> Quartz flooding/replacement in the basalt matrix									
		<<Alt: 87.1 - 90.2: strong Silicification>> Quartz flooding/replacement in the basalt matrix									
90.20	**95.20**	**I1A Gabbro GS2**									
		Medium green gabbro. Interval is dominated by green amphiboles. Supporting matrix is mostly amorphous quartz. Crosscut by some small felsic intrusions.									
		<<Alt: 90.2 - 94.45: strong Silicification / weak Epidote>> Quartz flooding/replacement in the basalt matrix									

Hole: PAC-19-004

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 94.45 - 94.6: complete K-feldspar / strong Silicification / weak Epidote>> Quartz flooding/replacement in the basalt matrix													
<<Alt: 94.6 - 95.2: strong Silicification / weak Epidote>> Quartz flooding/replacement in the basalt matrix													
95.20	**100.74**	**E1A**	**Basalt**	**GS1**									
Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?													
<<Alt: 95.2 - 95.5: strong K-feldspar / strong Silicification>> Quartz flooding/replacement in the basalt matrix													
<<Alt: 95.5 - 99.4: strong Silicification>> Quartz flooding/replacement in the basalt matrix													
<<Alt: 99.4 - 100.1: strong Silicification / moderate Epidote>> Quartz flooding/replacement in the basalt matrix													
<<Alt: 100.1 - 102.9: strong Silicification>> Quartz flooding/replacement in the basalt matrix													
					97.00	98.00	1.00	335310	0.0025				
					98.00	99.00	1.00	335311	0.01				
					99.00	100.00	1.00	335312	0.013				
					100.00	101.00	1.00	335313	0.0025				
100.74	**101.05**	**I1A**	**Gabbro**	**GS2**									
Medium green massive crosscutting mafic intrusion. Distinct upper and lower cooling margins.													
					101.00	102.00	1.00	335314	0.0025				
101.05	**102.15**	**E1A**	**Basalt**	**GS1**	102.00	103.00	1.00	335315	0.0025				
Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?													
102.15	**102.50**	**I3B**	**Tonalite**	**GS2**									
Quartz dominated tonalite. ~20% fine to medium grained green amphibole crystals. Fine disseminated pyrite. Biotite associated with amphibole.													
102.50	**103.15**	**E1A**	**Basalt**	**GS1**	103.00	104.00	1.00	335316	0.0025				
Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?													
<<Alt: 102.9 - 103.25: strong Epidote / strong Silicification>> Quartz flooding/replacement in the basalt matrix													
103.15	**103.60**	**I3B**	**Tonalite**	**GS2**									
Quartz dominated tonalite. ~20% fine to medium grained green amphibole crystals. Fine disseminated pyrite. Biotite associated with amphibole.													
<<Alt: 103.25 - 105: strong Silicification>> Quartz flooding/replacement in the basalt matrix													

Hole: PAC-19-004

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
103.60	**110.70**	**E1A**	**Basalt**	**GS1**									
Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?													
<<Alt: 110.6 - 111: moderate K-feldspar>>													
					104.00	105.00	1.00	335318	0.0025				
					105.00	106.00	1.00	335319	0.0025				
					106.00	107.00	1.00	335320	0.0025				
					107.00	108.00	1.00	335321	0.0025				
					108.00	109.00	1.00	335322	0.0025				
					109.00	110.00	1.00	335323	0.0025				
					110.00	111.00	1.00	335324	0.0025				
110.70	**110.95**	**I3B**	**Tonalite**	**GS2**									
Small crosscutting tonalite intrusion. Parallel upper and lower contacts. Potassic alteration towards lower contact.													
110.95	**128.55**	**E1A**	**Basalt**	**GS1**									
Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?													
<<Alt: 111 - 111.25: strong Epidote>>													
<<Alt: 111.9 - 112.4: strong Epidote>>													
<<Alt: 116.85 - 116.95: complete Epidote>> Bleached													
<<Alt: 119.6 - 119.8: intense Epidote / strong K-feldspar>> Bleached													
<<Alt: 124.5 - 124.6: complete K-feldspar>>													
<<Alt: 124.6 - 125.1: complete K-feldspar / moderate Epidote>>													
<<Vein: 112.08 - 112.32: Quartz-Carbonate vein contain 10-90% quartz>> White and light grey quartz vein. Irregular upper contact, sharp planar lower contact. Strong epidote alteration on margins of vein and moderate epidote throughout internal quartz vein fracturing. Trace pyrite associated with fracture filling epidote alte													
<<Vein: 119.1 - 119.11: Quartz-Carbonate vein contain 10-90% quartz>> Crosscutting light grey vitreous quartz vein with no mineralization.													
<<Vein: 121.84 - 121.88: Quartz-Carbonate vein contain 10-90% quartz>> Crosscutting light grey vitreous quartz vein with trace pyrite mineralization.													
<<Vein: 122 - 122.28: Quartz-Carbonate vein contain 10-90% quartz>> White crystalline crosscutting quartz vein. Trace pyrite embedded in fracture related epidote alteration.													

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description
		<<Struc: 125 - 125.1: Breccia>> Small rubbled interval. Most competent piece shows distinct brecciated rounded clasts hosted supported by quartz carbonate hydrothermal fluid. Small tabular yellow vitreous and crystalline mineral also transported and supported by hydrothermal fluid.
128.55	**129.20**	**I3C Granodiorite GS2**
		Granodiorite with brecciated upper and lower contact. Rounded to subangular wall rock xenoliths supported in interval.
		<<Alt: 128.55 - 129.3: moderate K-feldspar>>
129.20	**132.10**	**E1A Basalt GS1**
		Dark grey silicified basalt. Very similar to basalt above, silicified from adjacent felsic intrusions, largely featureless, competent, weakly magnetic. Patchy strong epidote alteration, relic selvages?
		<<Alt: 129.55 - 129.62: complete Epidote>> Fracture fill (perhaps quartz vein) and strong alteration halo. Perhaps a heavily altered selvage?

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
111.00	111.70	0.70	335325	0.0025				
111.70	112.40	0.70	335326	0.024				
112.40	113.00	0.60	335327	0.0025				
113.00	114.00	1.00	335328	0.0025				
114.00	115.00	1.00	335329	0.0025				
115.00	116.00	1.00	335330	0.0025				
116.00	117.00	1.00	335331	0.0025				
117.00	118.00	1.00	335332	0.0025				
118.00	119.00	1.00	335333	0.0025				
119.00	120.00	1.00	335334	0.0025				
120.00	121.00	1.00	335335	0.0025				
121.00	121.70	0.70	335336	0.0025				
121.70	122.35	0.65	335338	0.0025				
122.35	123.00	0.65	335339	0.0025				
123.00	124.00	1.00	335340	0.0025				
124.00	125.20	1.20	335341	0.0025				
125.20	126.00	0.80	335342	0.0025				
126.00	127.00	1.00	335343	0.0025				
127.00	128.00	1.00	335344	0.0025				
128.00	129.00	1.00	335345	0.0025				
129.00	130.00	1.00	335346	0.0025				

Hole: PAC-19-004

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 131.6 - 131.8: moderate Epidote>> Fracture fill with alteration halo													
					130.00	131.00	1.00	335347	0.0025				
					131.00	132.00	1.00	335348	0.725				
					132.00	133.00	1.00	335349	0.0025				
132.10	**132.20**	**I1A**	**Gabbro**	**GS2**									
Dark grey-green silicified gabbro. Compositionally similar to overlying basalt, introduction of amphibole alteration, drop in selvages (patchy 10cm epidote bands), fracture fill related epidote alteration, patchy weak foliation. Disseminated pyrite comes													
132.20	**132.75**	**I3A**	**Granite**	**GS2**									
Medium grained orange crosscutting granite. Parallel contacts.													
<<Alt: 132.3 - 132.75: intense K-feldspar>>													
132.75	**163.40**	**I1A**	**Gabbro**	**GS2**	133.00	134.00	1.00	335350	0.0025				
Dark grey-green silicified gabbro. Compositionally similar to overlying basalt, introduction of amphibole alteration, drop in selvages (patchy 10cm epidote bands), fracture fill related epidote alteration, patchy weak foliation. Disseminated pyrite comes													
<<Min: 144.6 - 145.3: 0.5% Galena / 2% pyrite / 0.5% chalcopyrite / 0.5% sphalerite>>					134.00	135.00	1.00	335351	0.0025				
<<Alt: 142 - 143.4: moderate Epidote>> Fracture related with aleration halo					135.00	136.00	1.00	335352	0.0025				
<<Alt: 144.5 - 145.3: intense Epidote / moderate K-feldspar>>					136.00	137.00	1.00	335353	0.0025				
<<Alt: 147.5 - 150.6: weak Epidote>>					137.00	138.00	1.00	335354	0.0025				
<<Alt: 153.4 - 159.6: weak Epidote>>					138.00	139.00	1.00	335355	0.0025				
					139.00	140.00	1.00	335356	0.0025				
					140.00	141.00	1.00	335358	0.0025				
					141.00	142.00	1.00	335359	0.0025				
					142.00	143.20	1.20	335360	0.0025				
					143.20	144.40	1.20	335361	0.0025				
					144.40	145.25	0.85	335362	0.0025				
					145.25	146.00	0.75	335363	0.0025				
					146.00	147.00	1.00	335364	0.0025				
					147.00	148.00	1.00	335365	0.0025				
					148.00	149.00	1.00	335366	0.0025				
					149.00	150.00	1.00	335367	0.0025				

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			150.00	151.00	1.00	335368	0.0025				
			151.00	152.00	1.00	335369	0.0025				
			152.00	153.00	1.00	335370	0.0025				
			153.00	154.00	1.00	335371	0.0025				
			154.00	155.00	1.00	335372	0.0025				
			155.00	155.90	0.90	335373	0.0025				
			155.90	157.00	1.10	335374	0.0025				
			157.00	158.00	1.00	335375	0.0025				
			158.00	159.00	1.00	335376	0.0025				
			159.00	160.00	1.00	335378	0.0025				
163.40	**165.58**	**I3C Granodiorite GS2**									
Collection of felsic intrusions large enough to make into a primary lithology. Pervasive and fracture related potassic alteration throughout. Some contacts are brecciated and support wall rock xenoliths.											
165.58	**166.57**	**I1A Gabbro GS2**									
Sharp and planar, mostly parallel upper and lower contacts. Medium green amphibolitized gabbro. <<Alt: 166.47 - 167.2: moderate K-feldspar>>											
166.57	**170.45**	**I3C Granodiorite GS2**									
Collection of felsic intrusions large enough to make into a primary lithology. Pervasive and fracture related potassic alteration throughout. Some contacts are brecciated and support wall rock xenoliths.											
170.45	**175.10**	**I1A Gabbro GS1**									
Fine to medium grained heterogeneous gabbro. Variable amounts of amphibole alteration, trace disseminated pyrite. <<Alt: 172.1 - 172.25: strong K-feldspar>> <<Alt: 174.9 - 175.5: moderate Epidote>>											
			172.00	173.00	1.00	335379	0.0025				
			173.00	174.00	1.00	335380	0.0025				
			174.00	175.00	1.00	335381	0.0025				
			175.00	176.00	1.00	335382	0.0025				
175.10	**179.40**	**I3C Granodiorite GS2**	176.00	177.00	1.00	335383	0.0025				
Collection of felsic intrusions large enough to make into a primary lithology. Pervasive and fracture related potassic alteration throughout. Some contacts are brecciated and support wall rock xenoliths. <<Alt: 175.5 - 179.4: moderate Epidote / moderate K-feldspar>>											

Hole: PAC-19-004

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
179.40	**186.75**	**I1A Gabbro**	**GS2**									
Heterogeneous fine to medium grained dark green-grey gabbro. Medium green euhedral to subhedral phenocrysts come in and out of interval. Weakly magnetic, trace disseminated pyrite.												
<<Alt: 179.4 - 179.62: moderate Epidote>>												
<<Alt: 179.62 - 179.8: complete K-feldspar / moderate Epidote>>												
<<Alt: 179.8 - 180: moderate Epidote>>												
<<Alt: 180 - 182.5: moderate Epidote / moderate K-feldspar>>												
<<Alt: 182.5 - 183.3: moderate Epidote>>												
186.75	**190.00**	**I3A Granite**	**GS2**									
Granite with rounded wall rock xenoliths near upper and lower contacts.												
<<Alt: 186.75 - 190: intense K-feldspar>>												
190.00	**196.07**	**I1A Gabbro**	**GS2**	195.00	196.00	1.00	335384	0.0025				
Heterogeneous fine to medium grained dark green-grey gabbro. Medium green euhedral to subhedral phenocrysts come in and out of interval. Weakly magnetic, trace disseminated pyrite.												
<<Alt: 192 - 193: moderate K-feldspar>>				196.00	197.00	1.00	335385	0.0025				
196.07	**196.52**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Orange granitoid intrusion, potassium is clearly secondary. Fracture related epidote alteration.												
<<Alt: 196.07 - 196.52: complete K-feldspar / moderate Epidote>> Pervasive intergranular epidote alteration proximal to fracturing.												
196.52	**201.00**	**I1A Gabbro**	**GS2**	197.00	198.00	1.00	335386	0.006				
Heterogeneous fine to medium grained dark green-grey gabbro. Medium green euhedral to subhedral phenocrysts come in and out of interval. Weakly magnetic, trace disseminated pyrite.												
<<Alt: 198.05 - 200.15: moderate K-feldspar>>				198.00	199.00	1.00	335387	0.0025				

End of Hole @ 201

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-005

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-10-26	**Core Size:**	NQ
UTM East:	441127	**Azimuth:**	183	**Date Completed:**	2019-10-28	**Casing Pulled?:**	☐
UTM North:	5644362	**Dip:**	-65	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	412.4	**Length (m):**	201	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
6	Reflex			-65	183.6			57699	☑	
9	Reflex			-65	183.6			57721	☑	
12	Reflex			-65	183.7			57071	☑	
15	Reflex			-65	183.6			56736	☑	
18	Reflex			-64.9	183.1			56847	☑	
21	Reflex			-64.9	183.4			56831	☑	
24	Reflex			-64.9	183.4			56642	☑	
27	Reflex			-64.9	182.7			56916	☑	
30	Reflex			-64.8	182.6			56443	☑	
33	Reflex			-64.8	183.9			56896	☑	
36	Reflex			-64.8	182.7			56820	☑	
42	Reflex			-64.7	183.9			56807	☑	
45	Reflex			-64.6	182.9			56470	☑	

Hole: PAC-19-005

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-64.5	183			56662	☑	
54	Reflex			-64.4	183.3			56633	☑	
57	Reflex			-64.4	182.5			56795	☑	
60	Reflex			-64.3	183.9			56729	☑	
63	Reflex			-64.3	183.9			56746	☑	
66	Reflex			-64.3	182.9			57880	☑	
69	Reflex			-64.2	182.8			56813	☑	
72	Reflex			-64.2	183			56664	☑	
75	Reflex			-64.2	183.6			57050	☑	
84	Reflex			-64.1	183.8			57455	☑	
87	Reflex			-64.1	183.5			56735	☑	
90	Reflex			-64.1	183.9			56648	☑	
96	Reflex			-64.1	183.5			56347	☑	
99	Reflex			-64.2	184.5			56556	☑	
102	Reflex			-64.2	184.8			56675	☑	
105	Reflex			-64.2	184.7			56747	☑	
108	Reflex			-64.2	184.5			56651	☑	
111	Reflex			-64.1	184.9			56534	☑	
117	Reflex			-64.1	185.2			57292	☑	
120	Reflex			-64	184.8			57128	☑	
123	Reflex			-64	184.1			56856	☑	
129	Reflex			-64	183.8			57155	☑	
132	Reflex			-63.9	184.1			56996	☑	
135	Reflex			-63.9	183.3			56584	☑	

Hole: PAC-19-005

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
138	Reflex			-63.9	184			56650	☑	
144	Reflex			-63.9	184.9			56254	☑	
147	Reflex			-63.9	184.6			56495	☑	
150	Reflex			-63.8	183.9			56174	☑	
156	Reflex			-63.8	184.9			57312	☑	
162	Reflex			-63.7	184.9			56363	☑	
168	Reflex			-63.7	184.3			56413	☑	
171	Reflex			-63.7	184.7			56577	☑	
174	Reflex			-63.7	184.7			56595	☑	
177	Reflex			-63.7	184.6			56622	☑	
180	Reflex			-63.6	184.6			56649	☑	
183	Reflex			-63.7	184.8			56640	☑	
186	Reflex			-63.7	184.5			56636	☑	
189	Reflex			-63.6	184.8			56705	☑	
192	Reflex			-63.7	185			56782	☑	
195	Reflex			-63.7	185.2			56670	☑	
201	Reflex			-63.7	185			56617	☑	

Hole: PAC-19-005

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**1.45**	**OB**	**Overburden**										
1.45	**4.05**	**E1A**	**Basalt**	**GS1**	2.00	3.00	1.00	335388	0.0025				
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.													
<<Alt: 2 - 5.3: weak Epidote>>					3.00	4.00	1.00	335389	0.0025				
					4.00	5.00	1.00	335390	0.0025				
4.05	**5.82**	**I3C**	**Granodiorite**	**GS2**	5.00	6.00	1.00	335391	0.0025				
Fine to medium grained granodiorite with weak potassic fracture related alteration. Trace disseminated pyrite, fine biotite in groundmass and weak fine amphibole in groundmass. Weak to no foliation, non magnetic													
<<Alt: 5.3 - 5.8: moderate K-feldspar / weak Epidote>>													
<<Alt: 5.8 - 8.7: weak Epidote>>													
5.82	**6.74**	**E1A**	**Basalt**	**GS1**	6.00	7.00	1.00	335392	0.0025				
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.													
6.74	**7.40**	**I3B**	**Tonalite**	**GS2**									
As above, less potassic alteration.													
					7.00	8.00	1.00	335393	0.0025				
7.40	**9.85**	**E1A**	**Basalt**	**GS1**	8.00	9.00	1.00	335394	0.0025				
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.													
					9.00	10.00	1.00	335395	0.0025				
9.85	**10.80**	**I3B**	**Tonalite**	**GS2**	10.00	11.00	1.00	335396	0.0025				
As above, very fine grained garnet crystals.													
10.80	**12.78**	**E1A**	**Basalt**	**GS1**	11.00	12.00	1.00	335397	0.0025				
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.													
<<Alt: 11.4 - 17.78: moderate Epidote>>					12.00	13.00	1.00	335398	0.0025				
12.78	**13.50**	**I1A**	**Gabbro**	**GS1**									
Fine to medium grained intermediate intrusion. Fine grained cream coloured tabular plagioclase crystals that are vaguely aligned. Groundmass is plagioclase, fine green amphiboles, interstitial quartz and disseminated pyrite.													
					13.00	14.00	1.00	335399	0.0025				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
13.50	**17.78**	**E1A Basalt**	**GS1**	14.00	15.00	1.00	335400	0.0025				
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.				15.00	16.00	1.00	335401	0.0025				
				16.00	17.00	1.00	335402	0.0025				
				17.00	18.00	1.00	335403	0.0025				
17.78	**18.74**	**I3C Granodiorite**	**GS2**	18.00	19.00	1.00	335404	0.0025				
Fine to medium grained grey and orange mostly crystalline granodiorite with fracture related potassic alteration. Small blebs of pinched amphibole concretions.												
18.74	**23.08**	**E1A Basalt**	**GS1**									
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.				19.00	20.00	1.00	335405	0.0025				
				20.00	21.00	1.00	335406	0.0025				
				21.00	22.00	1.00	335407	0.0025				
				22.00	23.10	1.10	335409	0.0025				
23.08	**24.02**	**I3A Granite**	**GS2**									
As above, fine disseminated epidote alteration, slight uptick in amphibole concretions.				23.10	24.00	0.90	335410	0.0025				
				24.00	25.00	1.00	335411	0.0025				
24.02	**26.80**	**E1A Basalt**	**GS1**	25.00	26.00	1.00	335412	0.0025				
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism. <<Alt: 26.65 - 26.8: strong Epidote>>				26.00	27.00	1.00	335413	0.0025				
26.80	**28.15**	**I3A Granite**	**GS1**									
As above. More potassic and finer grained.				27.00	28.15	1.15	335414	0.0025				
28.15	**29.11**	**E1A Basalt**	**GS1**									
Dark grey-green mostly homogeneous basalt. Patchy fracture and quartz veinlet related epidote alteration. Matrix is silicified with fine grained amphiboles. Trace disseminated pyrite. Competent interval. Weak patchy magnetism.				28.15	29.11	0.96	335415	0.0025				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			29.11	30.00	0.89	335416	0.008				
29.11	**33.56**	**I3C Granodiorite GS2**									
Fine to medium grained orange and dark grey granodiorite. Variable potassic alteration through interval, strong association with fractures. Weak disseminated epidote alteration, trace very fine garnets. Non magnetic, trace foliation.											
33.56	**34.28**	**M4 Amphibolite GS1**									
Fine grained amphibolite with vague schistose texture. Small plagioclase nodules are either remnants of original intrusion or subrounded porphyritic plagioclase crystals. Disseminated epidote alteration.											
<<Alt: 33.56 - 34.28: moderate Epidote>>											
34.28	**34.68**	**I3C Granodiorite GS2**									
Fine to medium grained orange and dark grey granodiorite. Variable potassic alteration through interval, strong association with fractures. Weak disseminated epidote alteration, trace very fine garnets. Non magnetic, trace foliation.											
34.68	**35.28**	**E1A Basalt GS1**									
As above basalt.											
35.28	**35.90**	**I3C Granodiorite GS2**									
Fine to medium grained orange and dark grey granodiorite. Variable potassic alteration through interval, strong association with fractures. Weak disseminated epidote alteration, trace very fine garnets. Non magnetic, trace foliation.											
35.90	**47.21**	**E1A Basalt GS1**	43.75	44.75	1.00	335417	0.0025				
Fine grained homogeneous dark grey-green basalt. Weak foliation, moderately silicified, ~3% fine disseminated pyrite, intruded by several unlogged 1-10cm felsic intrusions.											
<<Alt: 39 - 42: intense K-feldspar>>			44.75	45.75	1.00	335419	0.0025				
<<Alt: 42 - 46: strong Silicification>>			45.75	47.00	1.25	335420	0.007				
<<Alt: 46 - 47: strong Silicification / moderate Epidote>>			47.00	48.00	1.00	335421	0.0025				
<<Alt: 47 - 56: strong K-feldspar>>											
<<Struc: 42.2 - 46.7: weak Foliation 45 deg. >>											
47.21	**55.96**	**I3A Granite GS2**									
Medium grained granite. Plagioclase crystals and euhedral to subhedral, many are bleached. Weak foliation accentuated by interstitial green amphibole. Distinct planar upper and lower contacts. Potassic alteration is pervasive and intensified near fracture											
			48.00	49.00	1.00	335422	0.0025				
55.96	**80.40**	**E1A Basalt GS1**									
Fine graded dark grey basalt. Most of interval is strongly silicified. Intruded by several small unlogged felsic intrusions, potassic and epidote alteration along jointing and hairline fractures. First half of interval has weak to moderate foliation.											

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Min: 72.2 - 72.23: 10% pyrrhotite>>									
		<<Alt: 56 - 59: intense Silicification / weak K-feldspar>>									
		<<Alt: 59 - 62: moderate Epidote / weak K-feldspar / intense Silicification>>									
		<<Alt: 62 - 62.5: intense K-feldspar / intense Silicification / moderate Epidote>>									
		<<Alt: 62.5 - 62.7: intense Silicification / moderate Epidote>>									
		<<Alt: 62.7 - 64.6: intense Silicification>>									
		<<Alt: 64.6 - 64.96: strong Epidote / complete K-feldspar / intense Silicification>>									
		<<Alt: 64.96 - 65: strong Epidote / intense Silicification>>									
		<<Alt: 65 - 67.15: strong Silicification / moderate Epidote>>									
		<<Alt: 67.15 - 67.5: moderate Epidote / strong K-feldspar / strong Silicification>>									
		<<Alt: 67.5 - 67.55: strong K-feldspar / strong Silicification>>									
		<<Alt: 67.55 - 68.9: strong Silicification>>									
		<<Alt: 68.9 - 69.45: strong Silicification / weak Epidote>>									
		<<Alt: 69.45 - 69.7: complete K-feldspar / strong Silicification / weak Epidote>>									
		<<Alt: 69.7 - 70.3: strong Silicification / weak Epidote>>									
		<<Alt: 70.3 - 72.5: strong Silicification>>									
		<<Alt: 74 - 74.5: strong Epidote>>									
		<<Struc: 56.7 - 62: weak Foliation 35 deg. >>									
			56.00	57.00	1.00	335423	0.0025				
			57.00	58.00	1.00	335424	0.0025				
			58.00	59.00	1.00	335425	0.0025				
			59.00	60.00	1.00	335426	0.0025				
			60.00	61.00	1.00	335427	0.01				
			61.00	62.00	1.00	335429	0.0025				
			62.00	63.00	1.00	335430	0.0025				
			63.00	64.00	1.00	335431	0.0025				
			64.00	65.00	1.00	335432	0.0025				
			65.00	66.00	1.00	335433	0.0025				
			66.00	67.00	1.00	335434	0.0025				
			67.00	68.00	1.00	335435	0.0025				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			68.00	69.00	1.00	335436	0.0025				
			69.00	70.00	1.00	335437	0.0025				
			70.00	71.00	1.00	335438	0.0025				
			71.00	72.00	1.00	335439	0.0025				
			72.00	73.00	1.00	335440	0.0025				
			73.00	74.00	1.00	335441	0.0025				
			74.00	75.00	1.00	335442	0.0025				
			75.00	76.00	1.00	335443	0.009				
80.40	**81.13**	**I3B Tonalite GS2** Tonalite with very strong green amphibole alteration which makes up >60% of the interval. Interstitial to the amphibole we find mostly amorphous quartz and subrounded plagioclase. Very fine grained garnet									
81.13	**83.68**	**I3C Granodiorite** Grey and light orange granodiorite. Small rounded and deformed nodules of amphibole, perhaps wall rock xenoliths. Trace disseminated garnets.									
83.68	**84.05**	**I1A Gabbro GS1** Similar to surrounding felsic intrusion but with distinct green amphibole alteration with distinct terminations.									
84.05	**90.80**	**I3C Granodiorite** Grey and light orange granodiorite. Small rounded and deformed nodules of amphibole, perhaps wall rock xenoliths. Trace disseminated garnets. <<Alt: 87.5 - 88: intense K-feldspar>> <<Alt: 89.45 - 89.9: intense K-feldspar>>									
90.80	**91.59**	**I1A Gabbro GS2** Felsic intrusive with very strong amphibole alteration with well formed undeformed crystals. Interstitial quartz is amorphous.									
91.59	**92.90**	**I3C Granodiorite** Grey and light orange granodiorite. Small rounded and deformed nodules of amphibole, perhaps wall rock xenoliths. Trace disseminated garnets.									
92.90	**111.70**	**I1A Gabbro GS2** Medium grained gabbro. Interval is dominated by amphibole, interstitial quartz is light grey and amorphous, feldspar is cream to light orange. Fine disseminated epidote and weak pervasive potassic alteration. <<Alt: 94 - 98: moderate Epidote>> <<Alt: 107.6 - 107.75: complete K-feldspar>> Intense kspar altered crosscutting intrusion									

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 108.45 - 108.6: complete K-feldspar>>									
111.70	**112.23**	**E1A Basalt GS1** Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.	111.70	112.90	1.20	335444	0.0025				
112.23	**113.58**	**I3B Tonalite GS2** Grey and patchy orange tonalite. Many cm scale irregular to subhedral wall rock xenoliths supported in matrix. Distinct planar upper and lower contacts <<Alt: 112.23 - 114.3: weak K-feldspar>>	112.90	113.58	0.68	335445	0.0025				
			113.58	114.30	0.72	335446	0.028				
113.58	**115.83**	**E1A Basalt GS1** Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica. <<Min: 113.9 - 114.3: 10% pyrite>>	114.30	115.00	0.70	335447	0.007				
			115.00	116.08	1.08	335449	0.009				
115.83	**116.08**	**I3C Granodiorite GS2** As above, potassic alteration increases as it approaches lower contact <<Alt: 115.83 - 116.08: strong K-feldspar>>									
			116.08	117.00	0.92	335450	0.021				
116.08	**116.66**	**I1A Gabbro GS2** Green gabbro with medium to coarse grained subrounded equant amphibole crystals making up ~60% of rock. Interstitial quartz is amorphous with smaller tabular altered feldspar crystals.									
116.66	**117.70**	**I3C Granodiorite GS2** As above granodiorite. <<Alt: 117.2 - 117.4: strong K-feldspar>>	117.00	118.00	1.00	335451	0.008				
117.70	**119.70**	**E1A Basalt GS1** Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica. <<Alt: 119.55 - 119.7: strong K-feldspar>>									
			118.00	119.00	1.00	335452	0.008				
			119.00	120.00	1.00	335453	0.0025				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
119.70	**122.53**	**I1A Gabbro**	**GS2**									
As above gabbro. Disseminated interstitial epidote alteration and introduction of fine grained disseminated biotite. <<Alt: 119.7 - 122.53: moderate Epidote>>				120.00	121.00	1.00	335454	0.008				
				121.00	122.00	1.00	335455	0.015				
				122.00	123.00	1.00	335456	0.006				
122.53	**124.70**	**I3C Granodiorite**	**GS2**									
As above granodiorite, slightly finer grained.				123.00	124.00	1.00	335457	0.0025				
				124.00	124.70	0.70	335458	0.009				
124.70	**128.19**	**E1A Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica. <<Alt: 125 - 130.11: strong Epidote>> Patchy epidote alteration bands with intensity decreasing outwardly, bleached core. <<Vein: 125.6 - 125.7: Quartz vein contain >90% quartz>> Heavily altered light grey quartz vein parallel to foliation. Potassic and hematite alteration filling internal vein fractures. Fine pyrite on vein margins in surrounding rock but not in the vein <<Struc: 128.1 - 128.2: Breccia 55 deg. >> Small hydrothermal breccia feature on contact between altered basalt and crosscutting intermediate intrusion/gabbro. Hematite and calcite alteration part of brecciating fluid. Small interval is much weaker.				124.70	125.50	0.80	335459	0.01				
				125.50	125.88	0.38	335460	0.01				
				125.88	127.00	1.12	335461	0.006				
				127.00	128.00	1.00	335462	0.0025				
				128.00	128.30	0.30	335463	0.018				
128.19	**128.92**	**I1A Gabbro**	**GS1**	128.30	129.00	0.70	335464	0.013				
Fine grained gabbro. Quartz rich groundmass, 5% fine grained disseminated pyrite, fine grained green amphiboles.												
128.92	**130.11**	**E1A Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.				129.00	130.11	1.11	335465	0.026				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
130.11	**132.82**	**I3C** **Granodiorite**	**GS2**									
As above granodiorites.												
<<Alt: 131 - 131.7: moderate K-feldspar>> Small intense crosscutting potassic altered intrusions.												
132.82	**138.87**	**E1A** **Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.												
<<Alt: 132.82 - 138: moderate Epidote>> Veinlet and hairline fracture related epidote alteration radiating outward for 1-3cm.												
138.87	**139.29**	**I3A** **Granite**	**GS2**									
As above granitoid intrusions.												
139.29	**139.42**	**E1A** **Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.												
139.42	**140.26**	**I1A** **Gabbro**	**GS2**									
Green gabbro with weak biotite alteration.												
140.26	**142.08**	**E1A** **Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.												
<<Alt: 140.3 - 147: strong Silicification>>												
142.08	**142.48**	**I3R** **Quartz-feldspar porphyry**	**GS3**									
Crosscutting felsic intrusion with large euhedral to subhedral feldspar crystals. Quartz crystals aren't distinct, but still vitreous.												
142.48	**143.30**	**E1A** **Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.												
143.30	**144.35**	**I3B** **Tonalite**	**GS1**									
Fine grained amphibole rich tonalite. Upper and lower contact lost in fractured zones.												
144.35	**147.17**	**E1A** **Basalt**	**GS1**	144.50	145.50	1.00	335466	0.011				
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.												
<<Struc: 144.5 - 150.8: weak Foliation 30 deg. >>				145.50	146.50	1.00	335467	0.014				
				146.50	147.50	1.00	335468	0.009				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
147.17	**147.93**	**I3B Tonalite**	**GS1**									
As above tonalite, some medium grained rounded amphibole concretions.												
				147.50	148.65	1.15	335469	0.008				
147.93	**150.84**	**E1A Basalt**	**GS1**									
Grey-green basalt, patchy alteration throughout, intruded by many amphibole rich gabbros and felsic intrusions. Weak to moderate background silica.												
<<Min: 148.5 - 150.5: 2% pyrite>> Increased disseminated pyrite in association with intense epidote alteration in fractures.												
<<Alt: 148.5 - 150.5: strong Epidote>>												
<<Vein: 149.15 - 149.2: Quartz vein contain >90% quartz>> Irregular shaped quartz vein surrounded by intense epidote alteration. Quartz is opaque and crystalline, not a typical vein.												
				148.65	149.05	0.40	335471	0.006				
				149.05	149.43	0.38	335472	0.007				
				149.43	149.83	0.40	335473	0.009				
				149.83	150.84	1.01	335474	0.0025				
150.84	**159.89**	**I3B Tonalite**	**GS2**									
Grey tonalite intrusion. Groundmass is quartz dominated, fine to medium grained amphiboles that are weakly aligned with weak foliation. Fine to medium grained plagioclase crystals are subrounded and bleached.												
				150.84	152.00	1.16	335475	0.0025				
159.89	**161.51**	**E1A Basalt**	**GS1**									
Fine grained grey-green basalt. Weak background siliceous flooding, weak amygdular features proximal to lower contact, trace patches of sulphide nodules.												
<<Vein: 161.48 - 161.49: Quartz vein contain >90% quartz>> Thin light grey quartz veinlet parallel to foliation with epidote and potassic alteration on margins.												
				159.89	161.00	1.11	335476	0.0025				
				161.00	161.65	0.65	335477	0.0025				
161.51	**163.06**	**I1A Gabbro**	**GS2**									
Medium green gabbroic intrusion interwoven with crosscutting and brecciating tonalite intrusion. Pervasive moderate amphibole alteration/make up.												
				161.65	162.15	0.50	335478	0.0025				
				162.15	163.06	0.91	335479	0.0025				

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
163.06	**167.36**	**E1A Basalt**	**GS1**									
Fine grained grey-green basalt. Weak background siliceous flooding, weak amygdular features proximal to lower contact, trace patches of sulphide nodules.												
				163.06	164.00	0.94	335480	0.0025				
				164.00	165.00	1.00	335481	0.0025				
				165.00	166.00	1.00	335482	0.01				
				166.00	166.96	0.96	335483	0.0025				
				166.96	167.36	0.40	335484	0.0025				
				167.36	167.76	0.40	335485	0.0025				
167.36	**167.76**	**I3B Tonalite**	**GS2**									
Light grey tonalite intrusion, disseminated fine epidote alteration.												
167.76	**168.13**	**E1A Basalt**	**GS1**									
Fine grained grey-green basalt. Weak background siliceous flooding, weak amygdular features proximal to lower contact, trace patches of sulphide nodules.												
				167.76	169.00	1.24	335486	0.0025				
168.13	**196.33**	**I3C Granodiorite**		169.00	170.00	1.00	335487	0.0025				
Mostly homogeneous granitic intrusion, slight variability in grain size throughout interval, slight variability in potassic alteration throughout interval, elongated and pinched nodules of amphiboles, disseminated pyrite and epidote, fine grained garnets.												
<<Min: 168.3 - 191: 2% pyrite>> Increased background fine to medium disseminated euhedral pyrite mineralization												
<<Alt: 168.13 - 196.33: strong K-feldspar>> Background potassic alteration in granitoid intrusion, more intense at joints and fractures.												
196.33	**197.12**	**I1A Gabbro**	**GS1**									
Fine to medium grained amphibole dominated green gabbro. Distinct and planar upper and lower contacts. Moderate disseminated epidote alteration.												
<<Alt: 196.33 - 197.12: moderate Epidote / strong K-feldspar>> Background potassic alteration in granitoid intrusion, more intense at joints and fractures.												
197.12	**201.00**	**I3C Granodiorite**										
Mostly homogeneous granitic intrusion, slight variability in grain size throughout interval, slight variability in potassic alteration throughout interval, elongated and pinched nodules of amphiboles, disseminated pyrite and epidote, fine grained garnets.												
<<Alt: 197.12 - 201: strong K-feldspar>> Background potassic alteration in granitoid intrusion, more intense at joints and fractures.												

Hole: PAC-19-005

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 201

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-006

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-10-29	**Core Size:**	NQ
UTM East:	441110.8	**Azimuth:**	1	**Date Completed:**	2019-10-31	**Casing Pulled?:**	☐
UTM North:	5644284	**Dip:**	-64.5	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	415	**Length (m):**	225	**Drill Rig:**		**Casing Depth (m):**	2.1
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	Reflex			-64.4	2.1			57452	☑	
15	Reflex			-64.3	3.2			57373	☑	
18	Reflex			-64.3	3.1			57187	☑	
21	Reflex			-64.3	2.2			55662	☑	
24	Reflex			-64.2	1.3			57030	☑	
27	Reflex			-64.2	1			55845	☑	
33	Reflex			-64.3	1			56808	☑	
36	Reflex			-64.3	2.1			56317	☑	
39	Reflex			-64.2	2.6			56814	☑	
42	Reflex			-64.2	2.4			57700	☑	
45	Reflex			-64.2	1.6			56531	☑	
51	Reflex			-64.2	1.2			57124	☑	
54	Reflex			-64.2	2			57239	☑	

Hole: PAC-19-006

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
57	Reflex			-64.2	1.3			57108	☑	
60	Reflex			-64.2	0.8			56941	☑	
63	Reflex			-64.2	1.6			56442	☑	
66	Reflex			-64.2	1.4			56287	☑	
69	Reflex			-64.2	1.5			55954	☑	
78	Reflex			-64.2	2.5			56779	☑	
81	Reflex			-64.2	1.3			56804	☑	
84	Reflex			-64.2	2.4			56473	☑	
87	Reflex			-64.2	1.6			56984	☑	
93	Reflex			-64.2	2.8			56733	☑	
96	Reflex			-64.2	3.1			56811	☑	
99	Reflex			-64.1	2.6			56793	☑	
102	Reflex			-64	2.6			56903	☑	
105	Reflex			-64	2.4			57010	☑	
108	Reflex			-64	2.4			56812	☑	
111	Reflex			-64	1.9			56801	☑	
114	Reflex			-64	2.2			56738	☑	
117	Reflex			-64	2.5			57020	☑	
120	Reflex			-64	2.3			57268	☑	
123	Reflex			-63.9	2.2			56848	☑	
126	Reflex			-63.8	2.3			56838	☑	
129	Reflex			-63.8	2.3			56940	☑	
132	Reflex			-63.8	2.5			56956	☑	
135	Reflex			-63.8	2.8			56646	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
138	Reflex			-63.8	3.5			56471	☑	
141	Reflex			-63.8	3.5			56747	☑	
144	Reflex			-63.8	3.3			56644	☑	
147	Reflex			-63.8	3.2			56660	☑	
150	Reflex			-63.8	3.2			56699	☑	
153	Reflex			-63.7	3.1			56806	☑	
156	Reflex			-63.7	2.8			56776	☑	
159	Reflex			-63.7	2.3			56537	☑	
162	Reflex			-63.7	2			56878	☑	
171	Reflex			-63.7	3.4			57123	☑	
174	Reflex			-63.7	3			56963	☑	
177	Reflex			-63.7	2.5			56745	☑	
183	Reflex			-63.7	4.4			56156	☑	
192	Reflex			-63.5	3.9			56619	☑	
198	Reflex			-63.4	4.6			56921	☑	
201	Reflex			-63.5	4.5			57107	☑	
204	Reflex			-63.5	3.8			56913	☑	
207	Reflex			-63.5	3.8			56881	☑	
210	Reflex			-63.5	3.5			56637	☑	
213	Reflex			-63.4	4.3			56716	☑	
216	Reflex			-63.4	4.1			56715	☑	
219	Reflex			-63.4	4.1			56805	☑	
222	Reflex			-63.4	4			56899	☑	
225	Reflex			-63.4	4			56875	☑	

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From (m)	To (m)		Rock Type & Description	
0.00	**1.67**	**OB**	**Overburden**	
<<Alt: 1.4 - 5.6: strong Epidote / moderate K-feldspar>>				
1.67	**6.00**	**I3S**	**Feldspar porphyry**	**GS3**
Feldspar dominated porphyry. Phenocrysts are mostly euhedral with potassic and epidote alteration, make up ~20% of interval, 3-25mm large, medium size 5mm. Supporting groundmass resembles a silicified basalt. Strong fracture related epidote alteration wit				
<<Alt: 5.6 - 6.3: strong Epidote>>				
<<Vein: 3.15 - 3.17: Quartz vein contain >90% quartz>>			Grey opaque quartz vein with strong epidote alteration on margins.	
<<Vein: 4.62 - 4.65: Quartz vein contain >90% quartz>>			Vitreous deformed quartz vein with emerald green fuchsite nodules.	
6.00	**9.00**	**I1A**	**Gabbro**	**GS1**
Green fine grained gabbro with cross cutting felsic intrusion brecciating interval. Mineral makeup is dominated by fine amphibole, interstitial amorphous quartz, and less fine grained biotite.				
<<Min: 7.42 - 7.45: 0.5% arsenopyrite / 2% chalcopyrite>>				
<<Vein: 7.42 - 7.45: Quartz vein contain >90% quartz>>			Light grey quartz vein that has been reintruded by a potassic felsic intrusion. Disseminated pyrite and trace arsenopyrite.	
9.00	**9.86**	**I3C**	**Granodiorite**	**GS2**
Grey granodiorite with local orange patches. Upper contact is crosscut by felsic potassic intrusion, lower contact is sharp and planar.				
9.86	**22.21**	**E1A**	**Basalt**	**GS1**
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.				
<<Alt: 10.6 - 26.42: intense Silicification>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
1.60	2.45	0.85	335489	0.015				
2.45	3.25	0.80	335490	0.005				
3.25	3.75	0.50	335491	0.0025				
3.75	4.25	0.50	335492	0.006				
4.25	4.75	0.50	335493	0.007				
4.75	6.00	1.25	335494	0.0025				
6.00	7.00	1.00	335495	0.006				
7.00	7.31	0.31	335496	0.0025				
7.31	7.61	0.30	335497	0.0025				
7.61	7.91	0.30	335498	0.0025				
7.91	9.00	1.09	335499	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
22.21	**22.67**	**I3B**	**Tonalite**	**GS1**									
Fine grained grey quartz dominated tonalite with fine disseminated irregular garnets.													
22.67	**26.43**	**E1A**	**Basalt**	**GS1**	24.75	25.75	1.00	335500	0.0025				
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.					25.75	26.25	0.50	335501	0.0025				
					26.25	26.75	0.50	335502	0.011				
26.43	**27.80**	**I1A**	**Gabbro**	**GS1**	26.75	27.25	0.50	335503	0.0025				
Green fine grained gabbro with smaller cross cutting felsic intrusions. Mineral assemblage dominated by fine to medium amphiboles, interstitial amorphous grey quartz and less fine grained biotite.													
					27.25	28.75	1.50	335504	0.0025				
27.80	**29.43**	**E1A**	**Basalt**	**GS1**									
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.													
29.43	**31.92**	**I3A**	**Granite**	**GS2**									
Grey and orange felsic intrusion with pervasive potassic alteration. Plagioclase crystals are orange to white, mostly euhedral. Upper and lower contacts bound by amphibole alteration/gabbro.													
<<Alt: 29.43 - 31.92: intense K-feldspar>>													
31.92	**33.22**	**I1A**	**Gabbro**	**GS2**									
Green gabbro, mineral assemblage dominate by approximately even amounts of quartz and amphibole.													
33.22	**36.67**	**E1A**	**Basalt**	**GS1**									
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.													
<<Alt: 33.22 - 36.67: strong Silicification>>													
36.67	**37.23**	**I3A**	**Granite**	**GS2**									
Orange potassic altered granitoid intrusion.													
<<Alt: 36.67 - 37.23: intense K-feldspar / strong Silicification>>													
37.23	**42.34**	**E1A**	**Basalt**	**GS1**									
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.													
<<Alt: 37.23 - 38.3: strong Epidote / weak K-feldspar / strong Silicification>>													
<<Alt: 38.3 - 39.77: strong Silicification / weak K-feldspar>>													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 39.77 - 42.2: weak K-feldspar>>													
<<Alt: 42.2 - 42.34: strong Epidote / weak K-feldspar>>													
					40.00	41.00	1.00	335505	0.0025				
					41.00	42.00	1.00	335506	0.0025				
					42.00	43.00	1.00	335507	0.0025				
42.34	**44.31**	**I3A**	**Granite**	**GS1**	43.00	44.00	1.00	335508	0.0025				
Grey and orange potassic altered granitoid intrusion. Potassic alteration is pervasive and fracture related, disseminated epidote alteration and with it increased disseminated pyrite ~3%.													
<<Min: 42.34 - 44.31: 2% pyrite>>					44.00	45.00	1.00	335510	0.0025				
<<Alt: 42.34 - 44.3: strong Epidote / moderate K-feldspar>>													
<<Alt: 44.3 - 45: strong Epidote>>													
44.31	**50.21**	**E1A**	**Basalt**	**GS1**	45.00	46.00	1.00	335511	0.0025				
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.													
<<Alt: 50.2 - 50.3: complete K-feldspar>>													
50.21	**54.32**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Orange potassic altered granitoid intrusion. Pervasive and fracture related epidote alteration proximal to upper to contact. Minor quartz.													
<<Alt: 50.3 - 50.7: intense Epidote / complete K-feldspar>>													
<<Alt: 50.7 - 54.32: complete K-feldspar>>													
					53.55	54.55	1.00	335512	0.0025				
54.32	**73.75**	**E1A**	**Basalt**	**GS1**									
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.													
<<Alt: 55.1 - 55.35: complete Hematitic>> Intense red hematite on margin of irregular quartz vein and fracture.													
<<Alt: 56.1 - 56.8: intense Hematitic>> Pervasive hematite flooding, texturally destructive.													
<<Alt: 56.8 - 57.5: intense Epidote / intense Hematitic>> Pervasive hematite flooding, texturally destructive.													
<<Alt: 57.5 - 59.5: intense Hematitic>> Pervasive hematite flooding, texturally destructive.													
<<Alt: 60.6 - 60.9: complete Epidote>>													
<<Alt: 62.35 - 62.55: complete Epidote>>													
					54.55	55.05	0.50	335513	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				55.05	55.55	0.50	335514	0.0025				
				55.55	56.05	0.50	335515	0.0025				
				56.05	57.00	0.95	335516	0.0025				
				57.00	58.00	1.00	335517	0.0025				
				58.00	59.00	1.00	335518	0.0025				
				59.00	60.00	1.00	335519	0.007				
				60.00	61.00	1.00	335520	0.013				
				61.00	62.00	1.00	335521	0.0025				
				62.00	63.00	1.00	335522	0.012				
73.75	**74.21**	**I3C**	**Granodiorite** **GS2**	74.00	75.00	1.00	335523	0.0025				
Orange and grey granitoid. Sharp planar upper and lower contacts.												
74.21	**78.79**	**E1A**	**Basalt** **GS1**									
Dark grey-green silicified basalt. Highly variable interval; from dark grey-green featureless silicified intervals to intervals with strong fracture related epidote and potassic alteration. Strongly hematized interval from 56-59.5m.												
<<Min: 75.6 - 75.9: 2% pyrite>>												
<<Min: 77.5 - 79: 0.5% arsenopyrite / 0.5% pyrite / 0.5% chalcopyrite>> Small rounded sulphide concretions.												
<<Alt: 75.3 - 76.3: intense Epidote>>												
				75.00	75.50	0.50	335524	0.009				
				75.50	76.00	0.50	335525	0.0025				
				76.00	76.50	0.50	335526	0.0025				
				76.50	77.50	1.00	335527	0.0025				
				77.50	78.50	1.00	335528	0.0025				
				78.50	79.50	1.00	335530	0.0025				
78.79	**80.10**	**I1A**	**Gabbro** **GS2**									
Green gabbro. Interstitial to the green amphibole crystals are quartz and plagioclase. Some plagioclase crystals are light orange.												
80.10	**84.62**	**I3B**	**Tonalite** **GS2**									
Grey tonalite with patchy orange fracture related potassic alteration. Lower half of interval has many rounded gabbro xenoliths.												
84.62	**84.96**	**I1A**	**Gabbro** **GS2**									
Medium grained amphibole rich cross cutting gabbro.												

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
84.96	**85.36**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite with patchy orange fracture related potassic alteration. Lower half of interval has many rounded gabbro xenoliths.													
85.36	**85.60**	**I1A**	**Gabbro**	**GS2**									
Medium grained amphibole rich cross cutting gabbro.													
85.60	**86.64**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite with patchy orange fracture related potassic alteration. Lower half of interval has many rounded gabbro xenoliths.													
86.64	**88.95**	**I1A**	**Gabbro**	**GS2**									
Medium grained amphibole rich cross cutting gabbro.													
88.95	**96.09**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite with patchy orange fracture related potassic alteration. Lower half of interval has many rounded gabbro xenoliths.													
<<Alt: 88.95 - 95.2: moderate K-feldspar>>													
96.09	**101.09**	**E1A**	**Basalt**	**GS1**									
Grey and green fine grained gabbro. Largely featureless safe for banding feature accentuated by contrast in amphibole and biotite alteration. Banding resembles a tuff but interval is fine grained and no clasts can be made out.													
101.09	**101.90**	**I3B**	**Tonalite**	**GS2**									
White and grey cross cutting tonalite. Felsic assemblage is quartz dominated, equal parts fine amphibole and biotite making up ~30% of interval. Trace fine disseminated pyrite.													
101.90	**106.11**	**E1A**	**Basalt**	**GS1**									
Grey and green fine grained gabbro. Largely featureless safe for banding feature accentuated by contrast in amphibole and biotite alteration. Banding resembles a tuff but interval is fine grained and no clasts can be made out.													
106.11	**106.64**	**I3B**	**Tonalite**	**GS2**									
Medium grained grey tonalite with deformed amphibole accretions. Marks upper contact of gabbroic intrusion.													
106.64	**109.31**	**I1A**	**Gabbro**	**GS3**									
Medium to coarse grained medium green amphibole rich gabbro. Moderate interstitial disseminated epidote alteration. Upper and lower contact bound by tonalite intrusion.													
<<Alt: 109 - 115.35: moderate Epidote>>													
109.31	**109.57**	**I3B**	**Tonalite**	**GS2**									
Lower contact is overprinted by coarse grained feldspar vein/intrusion.													

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
109.57	**112.43**	**I1A Gabbro**	**GS3**									
Medium to coarse grained medium green amphibole rich gabbro. Moderate interstitial disseminated epidote alteration. Upper and lower contact bound by tonalite intrusion.												
112.43	**113.35**	**E1A Basalt**	**GS1**									
Green amphibole altered basalt, weak foliation, ~3% fine disseminated pyrite mineralization												
113.35	**115.35**	**I1A Gabbro**	**GS3**									
Medium to coarse grained medium green amphibole rich gabbro. Moderate interstitial disseminated epidote alteration. Upper and lower contact bound by tonalite intrusion.												
115.35	**116.35**	**I3B Tonalite**	**GS2**									
Grey tonalite intrusion at contact between gabbroic intrusion and silicified basalt. Lower contact is irregular, rounded xenolithic clasts of amphibole rich rock.												
116.35	**119.51**	**E1A Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.												
<<Alt: 116.5 - 119.5: strong Silicification>>												
				119.00	120.00	1.00	335531	0.0025				
119.51	**120.50**	**I3A Granite**	**GS2**	120.00	121.00	1.00	335532	0.0025				
Potassic altered granitoid intrusion mixed with surrounding basalt.												
<<Alt: 120.1 - 121: intense K-feldspar>>												
<<Vein: 120.25 - 120.27: Quartz vein contain >90% quartz>> Crosscutting opaque light grey unmineralized quartz vein.												
120.50	**123.52**	**E1A Basalt**	**GS1**	121.00	122.00	1.00	335533	0.0025				
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.												
				122.00	123.00	1.00	335534	0.0025				
123.52	**123.92**	**I3C Granodiorite**	**GS2**									
Grey tonalite intrusion mixed with amphibole rich clasts.												
123.92	**126.58**	**E1A Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.												
<<Struc: 125.5 - 132: weak Foliation 30 deg. >>												
126.58	**127.42**	**I3B Tonalite**	**GS2**									
Grey tonalite intrusion with contacts parallel to surrounding basalt. Weak amphibole alteration												

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
127.42	**128.06**	**E1A**	**Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
128.06	**128.53**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite intrusion with contacts parallel to surrounding basalt. Weak amphibole alteration													
128.53	**129.08**	**E1A**	**Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
129.08	**130.11**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite intrusion with contacts parallel to surrounding basalt. Weak amphibole alteration. Lower contact has epidote alteration bleeding into underlying basalt.													
130.11	**141.43**	**E1A**	**Basalt**	**GS1**	139.85	141.00	1.15	335535	0.0025				
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
<<Alt: 130.11 - 131.8: strong Epidote>>					141.00	142.10	1.10	335536	0.0025				
<<Alt: 132 - 135: strong Silicification>> Flooding silica in basalt, makes small bands in angular internal fracturing.													
<<Alt: 135 - 157: strong Silicification / strong Biotite>> Flooding silica in basalt, makes small bands in angular internal fracturing.Patchy phases of pervasive biotite alteration throughout basalt interval defining weak foliation.													
141.43	**142.00**	**I1A**	**Gabbro**	**GS2**									
Medium green gabbro with tonalite crosscutting and brecciating interval.													
142.00	**143.21**	**E1A**	**Basalt**	**GS1**	142.10	143.00	0.90	335537	0.0025				
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
					143.00	144.00	1.00	335538	0.0025				
143.21	**143.79**	**I1A**	**Gabbro**	**GS2**									
Medium green amphibole rich gabbro with a few narrow cross cutting felsic intrusions.													
143.79	**144.20**	**E1A**	**Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
					144.00	145.00	1.00	335539	0.0025				
144.20	**147.29**	**I1A**	**Gabbro**	**GS2**									
~20% medium to coarse grained green subhedral amphiboles.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
147.29	**147.45**	**E1A**	**Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
147.45	**147.71**	**I3B**	**Tonalite**	**GS2**									
Silica rich felsic intrusion, fine biotite ~20%, trace disseminated pyrite.													
147.71	**157.60**	**E1A**	**Basalt**	**GS1**									
Fine grained dark grey-green silicified basalt. Siliceous flooding exposes angular hairlines fractures, patchy weak magnetism, largely homogenous.													
<<Alt: 157.1 - 157.3: complete Epidote>> Sharp termination of bleached/pervasive epidote altered interval													
157.60	**161.86**	**I1A**	**Gabbro**	**GS2**									
Crosscutting gabbroic intrusion with has been further intruded by a tonalite with xenolith clasts of amphibole rich gabbro. Platy biotite alteration in gabbro.													
<<Alt: 157.6 - 165.5: strong Biotite>> Fine to medium grained biotite in gabbro and diorite.													
161.86	**172.15**	**I2A**	**Diorite**	**GS2**									
Grey-green diorite, closer to quartz diorite. Green (chlorite altered?) amphiboles makes up ~45% of interval, black biotite ~15% and interstitial quartz dominated felsic groundmass ~40%.													
<<Alt: 165.5 - 166: strong Biotite / moderate K-feldspar>> Fine to medium grained biotite in gabbro and diorite.													
<<Alt: 166 - 172.15: strong Biotite>> Fine to medium grained biotite in gabbro and diorite.													
172.15	**181.38**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite intrusion with large xenolithic clasts of amphibole rich gabbro that is has intruded through. Patchy pervasive potassic alteration. Weakly magnetic.													
<<Alt: 172.15 - 172.75: intense K-feldspar>> Potassic flooding in alkali rich felsic intrusion													
181.38	**185.98**	**E1A**	**Basalt**	**GS1**	183.00	184.00	1.00	335540	0.0025				
Grey weakly silicified basalt with local patches of epidote alteration, magnetism associated with patchy biotite alteration which is turn associated with weak wavy foliation.													
<<Alt: 182.3 - 182.47: complete K-feldspar>>					184.00	185.00	1.00	335541	0.0025				
<<Alt: 183 - 183.3: strong Biotite>>					185.00	186.00	1.00	335542	0.008				
<<Alt: 183.3 - 186: moderate Epidote / strong Biotite>>													
<<Struc: 183 - 186: weak Foliation 35 deg. >> Slight turbulent foliation/structure													
185.98	**188.43**	**I3C**	**Granodiorite**	**GS2**									
Grey granodiorite with local orange patches associated with weak pervasive and fracture related potassic alteration. ~2% fine disseminated pyrite.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 186 - 188.9: weak K-feldspar>>													
					186.00	187.00	1.00	335543	0.0025				
					187.00	188.00	1.00	335544	0.0025				
					188.00	188.88	0.88	335545	0.0025				
188.43	**188.88**	**I3S**	**Feldspar porphyry**	**GS3**									
Coarse grained feldspar porphyry. Feldspar crystals are beige, euhedral to subhedral, somewhat aligned with structure. Disseminated epidote and potassic alteration													
					188.88	190.00	1.12	335546	0.0025				
188.88	**189.54**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Granitoid intruding in surround feldspar porphyry with intense, almost texturally destructive, potassic alteration.													
<<Alt: 188.9 - 189.54: complete K-feldspar>>													
189.54	**189.90**	**I3S**	**Feldspar porphyry**	**GS3**									
Coarse grained feldspar porphyry. Feldspar crystals are beige, euhedral to subhedral, somewhat aligned with structure. Disseminated epidote and potassic alteration													
189.90	**190.28**	**E1A**	**Basalt**	**GS1**									
Grey weakly silicified basalt with local patches of epidote alteration, magnetism associated with patchy biotite alteration which is turn associated with weak wavy foliation.													
					190.00	191.00	1.00	335547	0.0025				
190.28	**190.69**	**I3B**	**Tonalite**	**GS2**									
Tonalite with distinct planar contacts, however the planes of its contacts are distinctly not parallel.													
190.69	**192.19**	**E1A**	**Basalt**	**GS1**	191.00	192.19	1.19	335548	0.0025				
Grey weakly silicified basalt with local patches of epidote alteration, magnetism associated with patchy biotite alteration which is turn associated with weak wavy foliation.													
					192.19	193.00	0.81	335550	0.0025				
192.19	**198.94**	**I3S**	**Feldspar porphyry**	**GS3**	193.00	194.00	1.00	335551	0.0025				
Heavily altered feldspar porphyry interval. Feldspar crystals are euhedral to subhedral, aligned with internal turbidity, medium to coarse grained, epidote and potassic altered. Fine dark groundmass is very difficult to make out, likely siliceous and fine													
<<Alt: 192.8 - 198.4: intense Epidote / moderate K-feldspar>> Intense epidote alteration associated with fractures, irregular shapes.					194.00	195.00	1.00	335552	0.0025				
<<Alt: 198.4 - 200.5: moderate K-feldspar>>					195.00	196.00	1.00	335553	0.0025				
					196.00	197.00	1.00	335554	0.0025				

Hole: PAC-19-006

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			197.00	198.00	1.00	335555	0.0025				
			198.00	198.94	0.94	335556	0.0025				
			198.94	200.00	1.06	335557	0.0025				
198.94	**201.86**	**I3C Granodiorite GS2** Grey granitoid intrusion with patches of orange from fracture related potassic alteration. Small interval of more amphibolitic gabbro contained within interval.									
201.86	**206.66**	**E1A Basalt GS1** Dark grey-green silicified basalt. Mostly homogeneous, small hairline fractures with epidote and/or potassic alteration, background siliceous flooding. Distinct internal contacts at 210.33 and 212.33 denoted by amphibole mineralization and disseminated p <<Alt: 202 - 206.66: strong Silicification>> Flooding silica in basalt, makes small bands in angular internal fracturing.									
206.66	**207.34**	**I3B Tonalite GS2** Granitoid intrusion.									
207.34	**207.88**	**I1A Gabbro GS2** Green gabbro with rounded amphibole crystals. Amphiboles have biotite alteration halo/replacement texture around them.									
207.88	**209.48**	**I3C Granodiorite GS2** Granitoid with amphibole alteration.									
209.48	**219.58**	**E1A Basalt GS1** Dark grey-green silicified basalt. Mostly homogeneous, small hairline fractures with epidote and/or potassic alteration, background siliceous flooding. Distinct internal contacts at 210.33 and 212.33 denoted by amphibole mineralization and disseminated p <<Min: 210.33 - 212.33: 2% pyrite>> <<Alt: 212.33 - 219.58: strong Silicification / strong Biotite>> Flooding silica in basalt, makes small bands in angular internal fracturing. <<Struc: 209.48 - 212.33: weak Foliation 30 deg. >>									
			219.00	220.00	1.00	335558	0.0025				
219.58	**220.70**	**I3B Tonalite GS2** Granitoid intrusion with amphibole alteration and weak potassic alteration in hairline fractures.	220.00	221.00	1.00	335559	0.0025				
220.70	**223.00**	**I3S Feldspar porphyry GS3** Feldspar porphyry. Feldspar crystals are euhedral to subhedral, tabular, randomly oriented, potassic and epidote altered. Dark groundmass with quartz and amphibole. <<Alt: 220.7 - 223: strong Epidote>> Intense epidote alteration localized to fractures, irregular shapes.									

Hole: PAC-19-006

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			221.00	222.00	1.00	335560	0.0025				
			222.00	223.00	1.00	335561	0.0025				
223.00	**225.00**	**I2A Diorite GS2**									

Mineral assemblage is dominated by medium grained amphiboles making up ~30% of interval the rest is quartz dominated amorphous felsic groundmass.

End of Hole @ 225

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-007

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-11-01	**Core Size:**	NQ
UTM East:	441008	**Azimuth:**	177	**Date Completed:**	2019-11-03	**Casing Pulled?:**	☐
UTM North:	5644330	**Dip:**	-45.5	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	411	**Length (m):**	102	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	Reflex			-45.3	177.5			57838	☑	
15	Reflex			-45.3	177.7			57390	☑	
18	Reflex			-45.2	178.1			57193	☑	
21	Reflex			-45.2	178.3			57088	☑	
24	Reflex			-45.2	178			57002	☑	
27	Reflex			-45.1	178.5			56987	☑	
30	Reflex			-45.2	178			56959	☑	
33	Reflex			-45.2	178.1			57350	☑	
36	Reflex			-45.2	177.5			56734	☑	
39	Reflex			-45.2	177.4			56775	☑	
42	Reflex			-45.2	177.8			56795	☑	
45	Reflex			-45.2	177.8			56809	☑	
48	Reflex			-45.1	178.1			56847	☑	

Hole: PAC-19-007

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-45.2	178.2			56993	☑	
54	Reflex			-45.2	178.2			56978	☑	
57	Reflex			-45.2	178.6			57037	☑	
60	Reflex			-45.1	178.4			57081	☑	
63	Reflex			-45.1	178.5			57060	☑	
66	Reflex			-45	178.6			57061	☑	
69	Reflex			-45	178.6			57202	☑	
72	Reflex			-45	178.9			57168	☑	
75	Reflex			-45.1	178.8			57136	☑	
78	Reflex			-45.1	178.6			57127	☑	
81	Reflex			-45	178.6			57143	☑	
84	Reflex			-45	178.6			57122	☑	
87	Reflex			-45	178.6			57127	☑	
90	Reflex			-44.7	179.7			56705	☑	
93	Reflex			-44.5	179.5			56981	☑	
96	Reflex			-44.5	179.8			56998	☑	
102	Reflex			-44.3	180.5			57013	☑	

Hole: PAC-19-007

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB**	**Overburden**										
3.00	**7.53**	**I1A**	**Gabbro**	**GS2**									
Green homogeneous gabbro. Mineral assemblage is dominated by interstitial fine grained amorphous quartz, fine grained biotite and green amphibole/chlorite altered pyroxenes. Massive, no structure or preferred orientation through interval. Several small po													
<<Alt: 3.8 - 6.5: moderate K-feldspar>> Potassic altered granitic and aplitic intrusions													
7.53	**8.69**	**I3C**	**Granodiorite**	**GS2**	8.00	9.00	1.00	335563	0.016				
Potassic altered felsic intrusion with rounded gabbro xenoliths. ~2% disseminated pyrite. Medium grained tabular books of biotite.													
<<Alt: 7.53 - 8.69: intense K-feldspar>>													
8.69	**24.92**	**I1A**	**Gabbro**	**GS2**									
Green homogeneous gabbro. Mineral assemblage is dominated by interstitial fine grained amorphous quartz, fine grained biotite and green amphibole/chlorite altered pyroxenes. Massive, no structure or preferred orientation through interval. Several small po													
<<Alt: 9.5 - 11.4: moderate K-feldspar>>													
<<Alt: 16.5 - 21: moderate Epidote>>													
<<Vein: 9.63 - 9.64: Quartz vein contain >90% quartz>> Thin 1cm light grey quartz vein with minor amounts of calcite in margins. No sulphide mineralization.													
					9.00	9.51	0.51	335564	0.01				
					9.51	9.95	0.44	335565	0.0025				
					9.95	10.50	0.55	335566	0.0025				
					10.50	11.50	1.00	335567	0.011				
24.92	**30.08**	**I3A**	**Granite**	**GS2**	28.00	29.00	1.00	335568	0.0025				
Potassic altered granitoid intrusion. Potassic alteration is fracture related and radiates pervasively weakined outwards. Variety of gabbro xenoliths, from rounded clasts to larger 10-20 intervals.													
<<Alt: 25 - 28.5: strong K-feldspar>>					29.00	30.00	1.00	335569	0.0025				
<<Alt: 28.5 - 30.08: moderate Epidote / strong K-feldspar>>					30.00	31.00	1.00	335570	0.0025				
30.08	**30.74**	**I3S**	**Feldspar porphyry**	**GS2**									
Weakly porphyritic silicified interval. Medium rounded feldspar crystals make up <10% of interval, groundmass is silicified and dark grey with fine grained biotite. Upper and lower distinct but not planar.													
<<Alt: 30.08 - 30.7: moderate Epidote / strong K-feldspar / strong Silicification>>													
<<Alt: 30.7 - 30.74: strong Silicification / moderate Epidote>>													

Hole: PAC-19-007

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
30.74	**47.16**	**I1A Gabbro**	**GS2**									
As above gabbro. Crosscut by many potassic stained granitoid intrusions.												
<<Alt: 30.74 - 31.7: moderate Epidote>>												
<<Alt: 40.3 - 42.6: strong K-feldspar>>												
<<Alt: 42.6 - 43.6: moderate Epidote / strong K-feldspar>>												
<<Alt: 43.6 - 43.65: strong K-feldspar>>												
				31.00	32.00	1.00	335571	0.0025				
47.16	**47.51**	**I3A Granite**	**GS1**									
Fine to medium grained potassic altered granitoid intrusion.												
47.51	**59.00**	**I1A Gabbro**	**GS2**									
As above gabbro. Crosscut by many potassic stained granitoid intrusions.												
59.00	**60.55**	**I3A Granite**	**GS2**									
Potassic altered felsic intrusion with selectively bleached plagioclase crystals. Disseminated biotite.												
<<Alt: 59 - 60.55: strong K-feldspar>>												
60.55	**62.37**	**I1A Gabbro**	**GS2**									
As above gabbro. Crosscut by many potassic stained granitoid intrusions.												
<<Alt: 62.3 - 63: moderate K-feldspar>>												
62.37	**63.00**	**I3C Granodiorite**	**GS2**									
Potassic altered felsic intrusion with selectively bleached plagioclase crystals. Disseminated biotite.												
63.00	**81.74**	**I1A Gabbro**	**GS2**	64.65	65.65	1.00	335572	0.005				
As above gabbro. Crosscut by many potassic stained granitoid intrusions.												
<<Alt: 81 - 83: moderate K-feldspar>>				65.65	66.65	1.00	335573	0.007				
<<Vein: 70.54 - 70.55: Quartz vein contain >90% quartz>> Low angle light grey vitreous quartz vein with pyrite, chalcopyrite, and galena. Chlorite and epidote alteration parallel to vein.				66.65	67.65	1.00	335574	0.016				
				67.65	68.65	1.00	335575	0.011				
				68.65	69.65	1.00	335576	0.0025				
				69.65	70.15	0.50	335577	0.013				
				70.15	70.65	0.50	335578	0.013				
				70.65	71.15	0.50	335579	0.0025				
				71.15	72.20	1.05	335580	0.0025				

Hole: PAC-19-007

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
81.74	**83.05**	**I3C Granodiorite**	**GS2**									
Collection of potassic altered felsic intrusions cutting through gabbro.												
83.05	**84.00**	**I1A Gabbro**	**GS2**									
As above gabbro. Crosscut by many potassic stained granitoid intrusions.												
<<Min: 83.05 - 86.51: 2% pyrite>> Increased disseminated pyrite mineralization												
<<Struc: 83.05 - 86.51: weak Foliation 50 deg. >>												
84.00	**86.51**	**I2B Quartz diorite**	**GS1**									
Fine grained silicified intrusion. Mineral assemblage is dominated by overprinting quartz flooding, tabular to needle foliation aligned chlorite and biotite. ~4% disseminated fine pyrite.												
86.51	**87.37**	**I1A Gabbro**	**GS2**									
As above gabbro. Crosscut by many potassic stained granitoid intrusions.												
<<Alt: 87 - 87.5: moderate K-feldspar>>												
87.37	**96.52**	**I3A Granite**	**GS2**	87.50	88.53	1.03	335581	0.0025				
System of potassic altered granitoid intrusions crosscutting and brecciating gabbro. Abundant brecciated rounded gabbro xenoliths from 90.5-93.5, ~50% of interval.												
<<Alt: 87.5 - 90: moderate Epidote / moderate K-feldspar>>				88.53	88.83	0.30	335582	0.0025				
<<Alt: 90 - 102: moderate K-feldspar>>				88.83	89.13	0.30	335583	0.0025				
<<Vein: 88.95 - 88.96: Quartz vein contain >90% quartz>> Low angle irregular vein that doesn't quite crosscut core. Minor amounts of chalcopyrite and pyrite.				89.13	89.48	0.35	335585	0.0025				
<<Struc: 90.75 - 93.4: Breccia>> Not a structural breccia, breccia when granitoid intruded through gabbro.				89.48	90.50	1.02	335586	0.0025				
				90.50	91.50	1.00	335587	0.0025				
				91.50	92.50	1.00	335588	0.0025				
				92.50	93.50	1.00	335589	0.0025				
				93.50	94.50	1.00	335590	0.0025				
				94.50	95.50	1.00	335591	0.0025				
				95.50	96.50	1.00	335592	0.0025				
				96.50	97.50	1.00	335593	0.0025				
96.52	**99.10**	**I1A Gabbro**	**GS2**									
As above gabbro, crosscut by a few aplite veins.												
<<Vein: 96.82 - 96.83: Quartz vein contain >90% quartz>> Ligth grey unmineralized crosscutting quartz vein.												
<<Vein: 97.11 - 97.12: Quartz vein contain >90% quartz>> Ligth grey unmineralized crosscutting quartz vein.												

Hole: PAC-19-007

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			97.50	98.66	1.16	335594	0.0025				
99.10	**102.00**	**I3A Granite GS2**									

System of potassic altered granitoid intrusions crosscutting and brecciating gabbro. Abundant brecciated rounded gabbro xenoliths from 90.5-93.5, ~50% of interval.

End of Hole @ 102

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-008

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-11-06	**Core Size:**	NQ
UTM East:	441008	**Azimuth:**	180	**Date Completed:**	2019-11-07	**Casing Pulled?:**	☐
UTM North:	5644370	**Dip:**	-45	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	409.35	**Length (m):**	102	**Drill Rig:**		**Casing Depth (m):**	4.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☐

Comments:

Single shot 102 mAz 174,4 Dip -44,4 Mag 56827, foreur n'a pas fait de multishot comme inscrit sur sa carte de travail. Final coordinates taken with handheld GPS

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	Reflex			-45	180				☑	
102	Reflex			-44.4	174.4			56828	☑	

Hole: PAC-19-008

From (m)	To (m)	Rock Type & Description
0.00	4.00	**OB Overburden**
4.00	7.80	**I1A Gabbro** LITHO:Medium-cristal homogeneous gabbro with milimetric biotite phenocris replace by chloriteCOLOR: grey to greenSTRUCTURE: N/AMINERALIZATION: barren, rare disseminated PyALTERATION: N/AVEINS:N/ALOWER CONTACT: sharp linear contactCOMMMENTS:
7.80	8.00	**I3A Granite** LITHO: 1mm-cristal granite-granodioriteCOLOR: white to light pinkSTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS:N/ACONTACT:sharp linear contactCOMMMENTS: coub be call Tonalite because not enough qz
8.00	8.70	**I3C Granodiorite** LITHO: 1-2mm-cristal dioriteCOLOR: greySTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: one 1-2mm transparent-qz veinlet with few PyCONTACT:sharp linear contactCOMMMENTS: Could be name DIO Diorite <<Min: 8.4 - 8.45: 0.5% pyrite>> one 1-2mm transparent-qz veinlet with few Py
8.70	12.00	**E1A Basalt** LITHO: heterogeneous basalt with few green-amphibole cristalCOLOR: dark greenSTRUCTURE: N/AMINERALIZATION: 2 mm coarse-Py stringerALTERATION: VEINS: N/ALOWER CONTACT: sharp linear contact with granite granodiorite dykeCOMMMENTS: <<Min: 10.6 - 10.65: 0.5% pyrite>> one 1-2mm coarse Py stringer
12.00	12.40	**I3C Granodiorite** LITHO: 1mm-cristal granite-granodioriteCOLOR:greenish grey to light pinkSTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS:N/ACONTACT:sharp linear contactCOMMMENTS:Could be name DIO Diorite
12.40	12.60	**E1A Basalt** LITHO: heterogeneous basalt with few green-amphibole cristalCOLOR: dark greenSTRUCTURE: N/AMINERALIZATION: N/AALTERATION: N/A few amphiboleVEINS: N/ALOWER CONTACT: sharp linear contact with granite granodiorite dykeCOMMMENTS:
12.60	12.80	**I3C Granodiorite** LITHO: 1-2mm-cristal dioriteCOLOR: greySTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT:sharp linear contactCOMMMENTS:

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
9.00	10.00	1.00	335596	0.0025				
10.00	11.00	1.00	335597	0.0025				
11.00	12.00	1.00	335598	0.0025				
12.00	13.50	1.50	335599	0.0025				

Hole: PAC-19-008

From (m)	To (m)	Rock Type & Description
12.80	**16.50**	**E1A Basalt** LITHO: homgeneous, massive fine-grained mafic unit with biotite disseminated, COLOR: grey to greenish-brownish greySTRUCTURE: weakly foliated 70CAMINERALIZATION: 2 millimetric pyrite stringerALTERATION: disseminated biotieVEINS: N/ACONTACT:sharp c <<Min: 13.3 - 13.35: 0.5% pyrite>> 1 mm Py stringer <<Min: 13.6 - 13.65: 0.5% pyrite>> 1 mm Py stringer <<Struc: 12.8 - 16.5: weak Foliation 70 deg. >>
16.50	**18.80**	**I3C Granodiorite** LITHO: 1-2mm-cristal diorite with presence of mafic xenolith (1 to 5 cm)COLOR: greySTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT:sharp linear contactCOMMMENTS: Could be name DIO Diorite
18.80	**25.10**	**E1A Basalt** LITHO: heterogeneous, fine-cristal basalt , few varioles observedCOLOR: dark-greenSTRUCTURE: weakly foliated 50 to 70CAMINERALIZATION: N/AALTERATION: from 24 to 25 zone of alteration , I don<t really know what it is , possibly epidote with carbonate? <<Alt: 24 - 25: intense Epidote>> irregular band,
25.10	**29.00**	**I3C Granodiorite** LITHO: 1-2mm-cristal diorite with presence of mafic xenolith (1 to 5 cm)COLOR: greySTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ACONTACT:sharp linear contactCOMMMENTS:
29.00	**42.00**	**E1A Basalt** LITHO: heterogeneous, fine-cristal basalt , few varioles observedCOLOR: dark-green matrix and light green-red for the alteration zoneSTRUCTURE: very weakly foliated 45 to 60CA (hard to see)MINERALIZATION: mostly barren, few py disseminated ALTERATION: <<Alt: 29 - 42: strong Epidote>> <<Struc: 37 - 38: weak Foliation 70 deg. >>
42.00	**43.10**	**I1A Gabbro** LITHO:Medium-cristal homogeneous gabbro with milimetric millimetric hematized feldspar phenocris COLOR: green to redish grennSTRUCTURE: N/AMINERALIZATION: NAALTERATION: strong hematixzation the first 30 cmVEINS:N/ALOWER CONTACT: sharp irregular c <<Alt: 42 - 42.3: intense Hematitic>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
13.50	15.00	1.50	335600	0.0025				
15.00	16.50	1.50	335601	0.0025				

Hole: PAC-19-008

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
43.10	**64.70**	**E1A Basalt**									
LITHO: heterogeneous, fine-cristal basalt , few varioles observedCOLOR: dark-green matrix and light green-red for the alteration zoneSTRUCTURE: very weakly foliated 45 to 60CA (hard to see)MINERALIZATION: mostly barren, few py disseminated ALTERATION											
<<Alt: 43.1 - 50.9: strong Epidote>>											
<<Alt: 50.9 - 51.5: complete Epidote>>											
<<Alt: 51.5 - 73.3: strong Epidote>>											
			48.00	49.50	1.50	335602	0.0025				
			49.50	51.00	1.50	335603	0.0025				
			51.00	52.50	1.50	335604	0.0025				
64.70	**64.90**	**I3C Granodiorite**									
LITHO: 1-2mm-cristal diorite with presence of mafic xenolith (1 to 5 cm)COLOR: greySTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT:sharp linear contactCOMMMENTS: Could be name DIO Diorite											
64.90	**76.30**	**E1A Basalt**	72.00	73.50	1.50	335605	0.0025				
LITHO: heterogeneous, fine-cristal basalt , few varioles observedCOLOR: dark-green matrix and light green-red for the alteration zoneSTRUCTURE: very weakly foliated 45 to 60CA (hard to see)MINERALIZATION: mostly barren, few py disseminated and rare py											
<<Min: 74.7 - 74.9: 0.5% pyrite>> 1 mm Py stringer			73.50	75.00	1.50	335606	0.0025				
<<Min: 75.6 - 75.65: 0.5% pyrite>> 2 mm Py stringer			75.00	76.30	1.30	335607	0.0025				
<<Min: 76.15 - 76.2: 0.5% pyrite>> 1 mm Py stringer											
			76.30	77.50	1.20	335608	0.0025				
76.30	**77.50**	**I3C Granodiorite**									
LITHO: 1-2mm-cristal dioriteCOLOR: pinkSTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT:sharp linear contactCOMMMENTS: Could be name DIO Diorite											
77.50	**77.90**	**E1A Basalt**	77.50	77.90	0.40	335609	0.0025				
LITHO: heterogeneous, fine-cristal basalt , few varioles observedCOLOR: dark-green matrix and light green-red for the alteration zoneSTRUCTURE: N/AMINERALIZATION: barren on coarse Py stringerALTERATION: unit is entirely altered irregular light green,											
			77.90	78.50	0.60	335610	0.0025				

Hole: PAC-19-008

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
77.90	**78.50**	**I3C Granodiorite**									
LITHO: 1-2mm-cristal diorite with presence of mafic xenolith (1 to 5 cm)COLOR: grey to pinkSTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT:sharp linear contactCOMMMENTS: Could be name DIO Diorite											
78.50	**79.50**	**I1A Gabbro**									
LITHO:Medium-cristal homogeneous gabbro COLOR: grey to greenSTRUCTURE: N/AMINERALIZATION: ALTERATION: N/AVEINS:N/ALOWER CONTACT: sharp linear contact with diabase or coarse-cristal mafic intrusiveCOMMMENTS:											
79.50	**81.10**	**I3C Granodiorite**									
LITHO: very coarse cristal mafic intrusive rich in green-amphibole, really different from a typical gabbroCOLOR: dark greenSTRUCTURE: no deformMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT: irregular sharp contactCOMMMENTS: I believe that											
81.10	**83.40**	**E1A Basalt**									
LITHO: homgeneous, massive fine-grained mafic unit with biotite disseminated, COLOR: grey to greenish-brownish greySTRUCTURE: very weakly foliated MINERALIZATION: ALTERATION: disseminated biotieVEINS: N/ACONTACT:sharp contactCOMMMENTS: I suspect t											
83.40	**94.00**	**I1A Gabbro**									
LITHO: very coarse cristal mafic intrusive rich in green-amphibole, dalmatian texture with pacthes of felspar plagio into a green matric of amphibole-chlorite really different from a typical gabbro, unit is injected by centimeter-to decimeter scale granod											
94.00	**95.90**	**I3C Granodiorite**									
LITHO: 1-2mm-cristal dioriteCOLOR: pinkSTRUCTURE:N/AMINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT:sharp linear contactCOMMMENTS: Could be name DIO Diorite											
95.90	**97.30**	**I1B Diabase**									
LITHO: very coarse cristal mafic intrusive rich in green-amphibol and biotite, really different from a typical gabbroCOLOR: dark greenSTRUCTURE: unit is moderately foliated (30 to 45 CA)MINERALIZATION:N/AALTERATION:N/AVEINS: N/ALOWER CONTACT: linear <<Struc: 95.9 - 97: moderate Foliation 45 deg. >>											
97.30	**99.90**	**I1A Gabbro**									
LITHO: fine-cristal gabbro with hematized feldspar cristalCOLOR: dark green STRUCTURE: N/AMINERALIZATION: N/AALTERATION:N/AVEINS: N/ALOWER CONTACT: sharp linear contact with diabaseCOMMMENTS:											

Hole: PAC-19-008

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
99.90	**102.00**	**E1A Basalt** LITHO: very coarse cristal mafic intrusive rich in green-amphibole, dalmatian texture with pacthes of felspar plagio into a green matric of amphibole-chlorite really different from a typical gabbro, unit is injected by centimeter-to decimeter scale granod									
		End of Hole @ 102									

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-009

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-11-08	**Core Size:**	NQ
UTM East:	440207.039	**Azimuth:**	197	**Date Completed:**	2019-11-23	**Casing Pulled?:**	☐
UTM North:	5644446.284	**Dip:**	-49.7	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	409	**Length (m):**	501	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☐

Comments:
Hole loggued by Vivien JANVIER from 0 to 350m

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
3	Reflex			-49.8	196.8			58291	☑	
6	Reflex			-49.8	196.3			58297	☑	
9	Reflex			-49.8	196.2			57505	☑	
15	Reflex			-49.7	195.9			56860	☑	
18	Reflex			-49.8	195.8			56705	☑	
21	Reflex			-49.6	195.9			56840	☑	
27	Reflex			-49.5	196.1			57155	☑	
33	Reflex			-49.4	195.8			56620	☑	
36	Reflex			-49.4	196.6			56940	☑	
39	Reflex			-49.3	196.6			56558	☑	
42	Reflex			-49.4	196.7			57285	☑	
45	Reflex			-49.4	195.7			56670	☑	

Hole: PAC-19-009

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
48	Reflex			-49.3	195.5			56788	☑	
51	Reflex			-49.3	195.4			56817	☑	
54	Reflex			-49.2	195.3			56849	☑	
57	Reflex			-49.2	195.5			56876	☑	
60	Reflex			-49.1	195.9			56680	☑	
63	Reflex			-49.1	196.7			56823	☑	
69	Reflex			-49	195.3			56729	☑	
72	Reflex			-49.1	195.2			56384	☑	
75	Reflex			-49.1	195.7			57186	☑	
78	Reflex			-49	196			56852	☑	
81	Reflex			-49	195.7			56890	☑	
84	Reflex			-49	196.5			57150	☑	
87	Reflex			-49	196.2			56887	☑	
90	Reflex			-49	196.1			56794	☑	
93	Reflex			-48.9	195.9			56817	☑	
96	Reflex			-48.9	195.8			56795	☑	
99	Reflex			-48.9	195.9			56798	☑	
102	Reflex			-48.9	196			56776	☑	
105	Reflex			-48.8	196.4			56767	☑	
108	Reflex			-48.8	196.4			56756	☑	
111	Reflex			-48.8	196.4			56750	☑	
114	Reflex			-48.8	196.6			56695	☑	
117	Reflex			-48.7	196.6			56711	☑	
120	Reflex			-48.7	197			56801	☑	

Hole: PAC-19-009

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
123	Reflex			-48.8	196.9			56825	☑	
126	Reflex			-48.6	197.2			56927	☑	
129	Reflex			-48.7	196.7			56809	☑	
132	Reflex			-48.8	196.7			56760	☑	
135	Reflex			-48.7	196.7			56744	☑	
138	Reflex			-48.7	196.8			56727	☑	
141	Reflex			-48.7	196.7			56775	☑	
144	Reflex			-48.7	196.7			56757	☑	
147	Reflex			-48.7	196.7			56729	☑	
150	Reflex			-48.7	196.7			56729	☑	
153	Reflex			-48.6	196.6			56765	☑	
156	Reflex			-48.6	196.8			56765	☑	
159	Reflex			-48.6	196.8			56769	☑	
162	Reflex			-48.5	196.8			56722	☑	
165	Reflex			-48.4	196.8			56837	☑	
168	Reflex			-48.4	196.9			56786	☑	
171	Reflex			-48.4	196.8			56773	☑	
174	Reflex			-48.4	196.5			56764	☑	
177	Reflex			-48.4	196.9			56749	☑	
180	Reflex			-48.4	197.2			56766	☑	
183	Reflex			-48.4	197.1			56758	☑	
186	Reflex			-48.3	197.2			56764	☑	
189	Reflex			-48.4	197.1			56847	☑	
192	Reflex			-48.3	197.3			56852	☑	

Hole: PAC-19-009

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
195	Reflex			-48.3	197.2			56790	☑	
198	Reflex			-48.3	197.5			56765	☑	
201	Reflex			-48.3	197.6			56755	☑	
204	Reflex			-48.3	197.3			56778	☑	
207	Reflex			-48.2	197.1			56811	☑	
210	Reflex			-48.2	197.3			56766	☑	
213	Reflex			-48.2	197.1			56855	☑	
216	Reflex			-48.2	197.4			56836	☑	
219	Reflex			-48.1	197.5			56850	☑	
222	Reflex			-48.1	197.3			56912	☑	
225	Reflex			-48.1	197.7			56887	☑	
228	Reflex			-48.1	197.9			57057	☑	
231	Reflex			-48	198			56648	☑	
234	Reflex			-48.1	197.8			56675	☑	
237	Reflex			-48	198.2			56546	☑	
243	Reflex			-48	198.3			56752	☑	
246	Reflex			-48	197.3			56692	☑	
255	Reflex			-47.9	198.4			56842	☑	
258	Reflex			-47.9	196.9			57004	☑	
267	Reflex			-47.7	197.3			56933	☑	
270	Reflex			-47.6	197.5			56914	☑	
273	Reflex			-47.5	197.8			56813	☑	
276	Reflex			-47.5	196.9			56809	☑	
279	Reflex			-47.4	197.4			56641	☑	

Hole: PAC-19-009

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
282	Reflex			-47.3	197.4			56672	☑	
285	Reflex			-47.3	197.5			56651	☑	
288	Reflex			-47.2	197.5			56662	☑	
291	Reflex			-47.2	197.6			56668	☑	
294	Reflex			-47.2	197.7			56660	☑	
297	Reflex			-47.1	197.5			56709	☑	
300	Reflex			-47	197.5			56674	☑	
303	Reflex			-47	197.1			56288	☑	
312	Reflex			-46.8	196.9			57498	☑	
315	Reflex			-46.8	197.4			57002	☑	
321	Reflex			-46.7	197.5			56743	☑	
324	Reflex			-46.6	197.4			57704	☑	
327	Reflex			-46.5	196.9			56672	☑	
330	Reflex			-46.5	197.3			59701	☑	
345	Reflex			-46.1	197.2			56409	☑	
351	Reflex			-46.1	197			56842	☑	
354	Reflex			-46	196.8			57002	☑	
357	Reflex			-46	197.7			56652	☑	
363	Reflex			-45.8	197.1			56723	☑	
366	Reflex			-45.8	197.4			56691	☑	
369	Reflex			-45.7	197.4			56629	☑	
372	Reflex			-45.6	197			56605	☑	
375	Reflex			-45.5	196.8			56619	☑	
381	Reflex			-45.3	196.8			56662	☑	

Hole: PAC-19-009

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
384	Reflex			-45.2	196.9			56722	☑	
387	Reflex			-45.1	197.2			56744	☑	
390	Reflex			-45.1	196.8			56715	☑	
393	Reflex			-45.1	197			56879	☑	
396	Reflex			-45	196.9			56729	☑	
399	Reflex			-45	196.9			57085	☑	
402	Reflex			-44.9	196.9			57447	☑	
408	Reflex			-44.8	196.5			57147	☑	
411	Reflex			-44.8	197.4			57056	☑	
414	Reflex			-44.8	196.8			56844	☑	
417	Reflex			-44.8	197.2			57087	☑	
420	Reflex			-44.8	197.4			56719	☑	
423	Reflex			-44.8	197.6			56718	☑	
426	Reflex			-44.8	197.5			56762	☑	
429	Reflex			-44.8	197.5			56767	☑	
432	Reflex			-44.8	197.8			56861	☑	
435	Reflex			-44.8	197.7			56828	☑	
438	Reflex			-44.8	197.7			56819	☑	
441	Reflex			-44.8	197.9			56816	☑	
444	Reflex			-44.8	197.8			56859	☑	
447	Reflex			-44.7	197.7			56863	☑	
450	Reflex			-44.7	198.1			56863	☑	
453	Reflex			-44.7	197.7			56702	☑	
456	Reflex			-44.7	198.2			56862	☑	

Hole: PAC-19-009

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
459	Reflex			-44.7	198			56885	☑	
462	Reflex			-44.7	198.1			56859	☑	
465	Reflex			-44.7	198.2			56840	☑	
468	Reflex			-44.7	198.4			56894	☑	
471	Reflex			-44.7	198.1			56946	☑	
474	Reflex			-44.7	198			56924	☑	
477	Reflex			-44.7	198.2			56967	☑	
480	Reflex			-44.7	197.7			56951	☑	
483	Reflex			-44.7	197.8			56952	☑	
486	Reflex			-44.7	198.5			56984	☑	
489	Reflex			-44.6	197.9			57089	☑	
492	Reflex			-44.6	198.4			57142	☑	
495	Reflex			-44.6	198.6			57004	☑	
498	Reflex			-44.5	198.4			56969	☑	
501	Reflex			-44.5	198.6			57032	☑	

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**4.00**	**OB Overburden**									
4.00	**5.00**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit											
<<Struc: 4 - 23.8: moderate Foliation 50 deg. >>											
5.00	**5.40**	**E2T Intermediate Tuff**									
decimetric interval of fine-cristal intermediate unit											
5.40	**8.30**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit											
8.30	**8.50**	**E2T Intermediate Tuff**									
decimetric interval of fine-cristal intermediate unit											
8.50	**11.70**	**I1A Gabbro**	9.00	10.50	1.50	335611	0.0025				
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit			10.50	11.50	1.00	335612	0.0025				
			11.50	12.50	1.00	335613	0.0025				
11.70	**12.40**	**I3R Quartz-feldspar porphyry**									
post-main fabric decimeter-scale pegematite. Pegmatite presente large felspar cristal, qz and small needle of bioitite or dark brown amphibole?											
<<Min: 11.7 - 12: 0.5% pyrite / 0.5% chalcopyrite>> rare Py and cpy into the pegmatite											
12.40	**14.60**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit			12.50	13.50	1.00	335614	0.0025				
			13.50	14.50	1.00	335616	0.0025				
			14.50	15.00	0.50	335617	0.016				

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
14.60	**14.70**	**I3R Quartz-feldspar porphyry**									
post-main fabric decimeter-scale pegematite. Pegmatite presente large felspar cristal, qz and small needle of bioitite or dark brown amphibole?											
14.70	**23.00**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit											
			15.00	16.50	1.50	335618	0.009				
			22.50	24.00	1.50	335619	0.0025				
23.00	**23.40**	**I1B Diabase**									
main fabric dark-green fine cristal mafic dyke with biotite porphyric cristal.											
23.40	**24.00**	**E2T Intermediate Tuff**									
Post-main fabric decimeter-scale pegematite. Pegmatite presente large felspar cristal, qz and small needle of bioitite or dark brown amphibole?											
<<Struc: 23.8 - 26: strong Foliation 45 deg. >> size grsin reduction of the gabbro											
24.00	**29.40**	**I1A Gabbro**	24.00	25.50	1.50	335620	0.017				
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit											
<<Struc: 26 - 29: moderate Foliation 50 deg. >>			25.50	27.00	1.50	335621	0.007				
<<Struc: 29 - 39: moderate Foliation 65 deg. >>			27.00	28.50	1.50	335622	0.0025				
			28.50	30.00	1.50	335623	0.007				
29.40	**29.60**	**I1B Diabase**									
main fabric dark-green fine cristal mafic dyke with biotite porphyric cristal.											
29.60	**33.60**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit											
33.60	**34.10**	**I1B Diabase**									
main fabric dark-green fine cristal mafic dyke with biotite porphyric cristal.											

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
34.10	**35.60**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. Unit include decimetric interval of fine-cristal intermediate unit. Unit is also injected by pre-main fabric dark-green fine cristal mafic dyke with biotit											
35.60	**36.70**	**I1B Diabase**									
main fabric dark-green fine cristal mafic dyke with biotite porphyric cristal.											
36.70	**40.40**	**I2A Diorite**	39.00	40.00	1.00	335624	0.0025				
LITHO:pre-main fabric medium- cristal intermediate intrusive. Between diorite and granodiorite. Unit is magneticCOLOR: grey - a little bit pinkSTRUCTURE: unit is moderately foliated. Shistosity range from 65 to 75CA (mean is around 70 deg CA). MINERA			40.00	41.00	1.00	335625	0.0025				
40.40	**41.00**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. COLOR: grey to greenSTRUCTURE: unit is weakly foliated. ALTERATION: N/AVEINS: no veinLOWER CONTACT: sharp linear contact with diabaseCOMMMENTS:											
41.00	**41.80**	**I3C Granodiorite**	41.00	41.80	0.80	335626	0.0025				
LITHO: post-main fabric almost centimeter-scale cristal of qz and feldspar. Between diorite and granodioriteCOLOR: pink to redSTRUCTURE:no foliated , cut the main fabric. MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: irregular sharp co											
41.80	**43.70**	**I2A Diorite**									
LITHO:pre-main fabric medium- cristal intermediate intrusive. Between diorite and granodiorite. Unit is magneticCOLOR: grey STRUCTURE: unit is moderately foliated. MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp linear contact with <<Struc: 43 - 45.1: weak Foliation 70 deg. >>			41.80	43.00	1.20	335627	0.008				
43.70	**45.10**	**I1A Gabbro**									
LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. COLOR: grey to greenSTRUCTURE: unit is weakly foliated. ALTERATION: N/AVEINS: no veinLOWER CONTACT: sharp linear contact with diabaseCOMMMENTS:											
45.10	**72.50**	**I2A Diorite**									
LITHO:pre-main fabric medium- cristal intermediate intrusive. Unit is not magneticFrom 66 to 75.8m unit incorporated mafic intrusive xenolithCOLOR: grey STRUCTURE: unit is moderately foliated. Generally close to 50deg CAMINERALIZATION: N/AALTERATION <<Vein: 58.9 - 59: Quartz vein contain >90% quartz>> 10 cm white quartz vein at high angle with the main foliation, post-main deformation event											

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 45.1 - 66: moderate Foliation 50 deg. >>									
			57.00	58.50	1.50	335628	0.0025				
			58.50	59.00	0.50	335629	0.006				
			59.00	60.00	1.00	335630	0.006				
72.50	**73.00**	**I1B Diabase** mafic inttrusive with millimete-scale green amphibole cristal oriented along foliation. No magnetic unit. <<Struc: 72.5 - 73: moderate Foliation 75 deg. >>									
73.00	**75.80**	**I2A Diorite** LITHO:pre-main fabric medium- cristal intermediate intrusive. Unit is not magneticFrom 66 to 75.8m unit incorporated mafic intrusive xenolithCOLOR: grey STRUCTURE: unit is moderately foliated. Generally close to 50deg CAMINERALIZATION: N/AALTERATION									
75.80	**81.70**	**I1A Gabbro** LITHO:Medium cristal mafic intrusive quite homgenous, but injected by small felsic intrusion cristal, COLOR: dark greenSTRUCTURE: unit is very weakly foliated. Foliation is difficult to measureMINERALIZATION: N/AALTERATION: N/AVEINS: no veinLOWER C									
81.70	**84.60**	**I3C Granodiorite** LITHO:Medium cristal homgeneous intermediate to intrusive cristal, COLOR: light greySTRUCTURE: unit is very weakly foliated. Foliation is difficult to measureMINERALIZATION: N/AALTERATION: N/AVEINS: no veinLOWER CONTACT: sharp linear contact wit									
84.60	**85.50**	**I2D Monzonite** LITHO:Medium to fine cristal homgeneous intermediate to felsique intrusive cristal. Felspar K are really abondant that why i want to call it monzo-granite. Rock really hard to cutCOLOR: pinkSTRUCTURE: unit is very weakly foliated. Foliation is diffi									
85.50	**87.20**	**I1A Gabbro** LITHO:Coarse-mafic intrusive with mega cristal of felspar in a green matrix of chlorite-biotite. COLOR: grey to greenSTRUCTURE: unit is weakly foliated. ALTERATION: N/AVEINS: no veinLOWER CONTACT: sharp linear contact with granodioriteCOMMMENTS:									
87.20	**117.70**	**I3C Granodiorite** LITHO:Medium to coarse cristal homgeneous intermediate to intrusive cristal, COLOR: pink to lgreySTRUCTURE: unit is very weakly foliated. Foliation is difficult to measureMINERALIZATION: N/AALTERATION: N/AVEINS: From 101.4 to 101.5 one 10cm qz ve <<Vein: 101.4 - 101.5: Quartz vein contain >90% quartz>> one 10cm qz vein with crustiform pink-carbonate qz? rim. No sulfides. It seems to be at high angle with main foliation but foliation is hard to see <<Struc: 87.2 - 156: weak Foliation 50 deg. >>									

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description
117.70	**125.40**	**I2D Monzonite**
		LITHO:Medium to fine cristal homgeneous intermediate to felsique intrusive cristal. Felspar K are really abondant that why i want to call it monzo-granite. Rock really hard to cutCOLOR: pinkSTRUCTURE: unit is very weakly foliated. Foliation is diffi
		<<Vein: 120.4 - 120.5: Quartz vein contain >90% quartz>> 5 cm qz vein. No sulfides. Low core angle, at angle with main fo
125.40	**159.30**	**I3C Granodiorite**
		LITHO:Medium to coarse cristal homgeneous intermediate intrusive . Presence of rare centimeter-scale rounded mafic xenolitesCOLOR: pink to lgreySTRUCTURE: unit is weakly foliated to moderaltely foliated more at the end of the interval. MINERALIZATIO
		<<Struc: 156 - 208.8: weak Foliation 50 deg. >>
159.30	**160.30**	**I1B Diabase**
		homogeneous fine-cristal mafic inttrusive with fine needle of biotite
160.30	**208.80**	**I3C Granodiorite**
		LITHO:Medium to coarse cristal homgeneous intermediate intrusive . Presence of rare centimeter-scale rounded mafic xenolitesCOLOR: pink to lgreySTRUCTURE: unit is weakly foliated to moderaltely foliated more at the end of the interval. MINERALIZATIO
		<<Vein: 194.85 - 194.9: Quartz vein contain >90% quartz>> 1 cm z vein. No sulfides.
208.80	**210.30**	**I2D Monzonite**
		LITHO:Medium to fine cristal homgeneous intermediate to felsique intrusive cristal. Felspar K are really abondant that why i want to call it monzo-granite. Rock really hard to cutCOLOR: pinkSTRUCTURE: unit is very weakly foliated. Foliation is diffi

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
99.00	100.10	1.10	335631	0.0025				
100.10	101.20	1.10	335632	0.0025				
101.20	101.70	0.50	335633	0.0025				
101.70	103.20	1.50	335635	0.01				
114.00	115.50	1.50	335636	0.0025				
115.50	117.00	1.50	335637	0.0025				
117.00	117.70	0.70	335638	0.0025				
117.70	119.20	1.50	335639	0.0025				
119.20	120.30	1.10	335640	0.0025				
120.30	121.30	1.00	335641	0.0025				
194.00	194.80	0.80	335642	0.0025				
194.80	195.50	0.70	335643	0.0025				
195.50	197.00	1.50	335644	0.0025				

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description
210.30	**228.50**	**I3C Granodiorite** LITHO:Medium to coarse cristal homgeneous intermediate to intrusive cristal.COLOR: pink to greySTRUCTURE: unit is weakly to moderaltely foliated MINERALIZATION: N/AALTERATION: N/AVEINS: at 211.4 m one 2 cm qz vein with few py at hight angle with <<Vein: 211.35 - 211.4: Quartz vein contain >90% quartz>> 2cm qz vein with rare py at high angle with the main foliation <<Struc: 210.3 - 228.5: weak Foliation 50 deg. >>
228.50	**236.70**	**I1A Gabbro** LITHO:Medium to coarse cristal homgeneous intermediate to mafic intrusive cristal. Mix of millimeter-scale green-amphibole, white feldspars and K feldsparsCOLOR: dark green with pink K feldspars. Unit Is injected by pink centimeter-scale pegmatitic d <<Struc: 228.5 - 236: weak Foliation 50 deg. >> <<Struc: 236 - 237.5: weak Foliation 50 deg. >>
236.70	**237.50**	**E2T Intermediate Tuff** LITHO:fine to medium cristal homgeneous intermediate unit cristal. COLOR: ligh grey.STRUCTURE: unit is weakly foliated. MINERALIZATION: rare py associated with the pegmatitic dykeALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp linear contact with hom
237.50	**239.00**	**I3A Granite** LITHO:fine to medium cristal homgeneous felsic intrusive. unit is magnetic.COLOR: ligh grey.STRUCTURE: unit is weakly foliated. MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp irregular contact with gabbro at angle with the main fo <<Struc: 237.5 - 239: moderate Foliation 50 deg. >>
239.00	**244.00**	**I1A Gabbro** LITHO:Medium to coarse cristal homgeneous intermediate to mafic intrusive cristal. Mix of millimeter-scale green-amphibole, white feldspars and K feldsparsCOLOR: dark green with few pink K feldspars. Unit Is injected by pink centimeter-scale pegmati

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
211.00	211.60	0.60	335645	0.0025				
211.60	213.00	1.40	335646	0.0025				
228.50	230.00	1.50	335647	0.0025				
230.00	231.50	1.50	335648	0.0025				
231.50	233.00	1.50	335649	0.0025				
233.00	234.50	1.50	335650	0.0025				
234.50	236.00	1.50	335651	0.0025				
236.00	236.70	0.70	335652	0.007				
236.70	237.50	0.80	335653	0.0025				
237.50	239.00	1.50	335655	0.016				
239.00	240.50	1.50	335656	0.005				
240.50	242.00	1.50	335657	0.0025				
242.00	243.00	1.00	335658	0.0025				
243.00	244.00	1.00	335659	0.0025				

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description
244.00	**245.40**	**I3A Granite**
		LITHO:fine to medium cristal homgeneous felsic intrusive. unit is magneticCOLOR: ligh grey.STRUCTURE: unit is weakly foliated. MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp irregular contact with intermediate tuff
		<<Struc: 244 - 245.4: weak Foliation 45 deg. >>
245.40	**247.50**	**E2T Intermediate Tuff**
		LITHO:fine to medium grained homgeneous intermediate tuf. COLOR: greenish grey.STRUCTURE: unit is weakly to moderatly foliated (50CA). MINERALIZATION: N/AALTERATION: weak chloritic alterationVEINS: N/ALOWER CONTACT: sharp lineat contact with felsi
247.50	**250.50**	**I3A Granite**
		LITHO:fine to medium cristal homgeneous felsic intrusive. unit is magnetiteCOLOR: ligh grey.STRUCTURE: unit is weakly to moderatly foliated. MINERALIZATION: N/AALTERATION: N/AVEINS: at 247.7 unit is cut by 5cm yellowish-beige transparent qz-epidote
		<<Vein: 247.65 - 247.7: Quartz vein contain >90% quartz>> 5cm yellowish-beige transparent qz-epidote vein witout sharp contact at angle with the main foliation
		<<Struc: 247.5 - 250.5: moderate Foliation 50 deg. >>
250.50	**254.90**	**E2T Intermediate Tuff**
		LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds altern with decimeter-scale medium-grained beds.From 250.5 to 257 unit is magnetic , we have the presence of porphyriti
		<<Struc: 250.5 - 287.8: moderate Foliation 50 deg. >>
254.90	**255.40**	**I3A Granite**
		fine to medium cristal homgeneous felsic intrusive. unit is magnetite
255.40	**269.40**	**E2T Intermediate Tuff**
		LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds altern with decimeter-scale medium-grained beds.From 250.5 to 257 unit is magnetic , we have the presence of porphyriti

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
244.00	245.40	1.40	335660	0.0025				
245.40	246.00	0.60	335661	0.0025				
246.00	247.50	1.50	335662	0.0025				
247.50	248.00	0.50	335663	0.006				
248.00	249.00	1.00	335664	0.005				
249.00	250.50	1.50	335665	0.0025				
250.50	252.00	1.50	335666	0.0025				
252.00	253.50	1.50	335667	0.0025				
253.50	255.00	1.50	335668	0.0025				
255.00	256.50	1.50	335669	0.018				
256.50	258.00	1.50	335670	0.029				
268.00	269.40	1.40	335671	0.014				

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description
269.40	**270.50**	**I3A Granite** Pink post-deformation pegmatite intruded the unit
270.50	**287.80**	**E2T Intermediate Tuff** LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds altern with decimeter-scale medium-grained beds.From 250.5 to 257 unit is magnetic , we have the presence of porphyriti
287.80	**289.80**	**I1A Gabbro** LITHO: coarse cristal mafic intruve. Millimeter scalle amphiboel in a white flespar matrix. Same as the small interval describe from 250.5 to 257 mCOLOR: dark greenSTRUCTURE: unit is weaklyfoliated (50CA). MINERALIZATION: N/AALTERATION: N/AVEINS: N/
289.80	**290.20**	**I3A Granite** LITHO:fine to medium cristal homgeneous felsic intrusive. unit is not magneticCOLOR: ligh pink.STRUCTURE: unit is no foliated. Post deformation eventMINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp linear contact with intermediate t <<Struc: 290 - 305.4: moderate Foliation 50 deg. >>
290.20	**301.90**	**E2T Intermediate Tuff** LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds altern with decimeter-scale medium-grained beds parallele to the main foliation.From 301.9 to 303.8 : I think it is a
301.90	**303.80**	**I1B Diabase** I think it is a fine-cristal mafic intrusive unit (upper contact at angle with the main foliation and possibly bedding// to foliation) affected by a poor-py qz stockwerk zone with chlorite alteration, post deformation event (not deformed and at high an <<Min: 302 - 303.8: 0.5% pyrite>> a poor-py qz stockwerk zone with chlorite alteration, post deformation event
303.80	**305.40**	**E2T Intermediate Tuff** LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds altern with decimeter-scale medium-grained beds parallele to the main foliation.From 301.9 to 303.8 : I think it is a

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
269.40	270.50	1.10	335672	0.01				
270.50	271.50	1.00	335674	0.024				
301.00	301.90	0.90	335675	0.021				
301.90	303.00	1.10	335676	0.012				
303.00	303.80	0.80	335677	0.014				
303.80	305.00	1.20	335678	0.0025				

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
305.40	**310.70**	**I3C Granodiorite** LITHO:Medium cristal homgeneous intermediate to felsic intrusive. cristal.COLOR: pink to ligh greySTRUCTURE: unit is moderatly foliated to moderatly (50CA)MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp linear contact with monzon <<Struc: 305.4 - 310.7: moderate Foliation 50 deg. >>									
310.70	**325.60**	**E2T Intermediate Tuff** LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds altern with decimeter-scale medium-grained beds parallele to the main foliation.From 317 to 325.6 the grrained texture <<Struc: 310.7 - 325.6: moderate Foliation 50 deg. >>									
325.60	**328.00**	**I2A Diorite** LITHO:Medium to coarse cristal homgeneous intermediate intrusive. No qzt cristal, it is a dioriteCOLOR: grey to pinkSTRUCTURE: unit is moderatlyfoliated.MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp linear contact with monzoniteC <<Struc: 325.6 - 328: moderate Foliation 50 deg. >>									
328.00	**342.20**	**E2T Intermediate Tuff** LITHO:fine to medium grained homgeneous and massive intermediate tuf. unit is no magnetic cristal. Decimeter-scale fine grained beds alterning with decimeter-scale medium-grained beds parallele to the main foliation.From 339. to 339.7 unit are rich in <<Struc: 328 - 344.2: moderate Foliation 50 deg. >>									
342.20	**346.40**	**I1A Gabbro** LITHO:Medium cristal homgeneous mafic intrusive cristal. COLOR: dark green with rare pink feldspars.STRUCTURE: unit is very weakly foliated. MINERALIZATION: N/AALTERATION:N/AVEINS: N/ALOWER CONTACT: sharp linear contact with felsic intrusive, // <<Struc: 344.2 - 346.4: weak Foliation 50 deg. >>									
346.40	**349.70**	**I3A Granite** LITHO:fine to medium cristal homgeneous felsic intrusive. unit is weakly magnetic in some place. It is not a real granite it is a weird felsic intrusiveCOLOR: ligh grey.STRUCTURE: unit is moderatly to strongly foliated. MINERALIZATION: N/AALTERATION: <<Struc: 346.4 - 349.7: strong Foliation 50 deg. >>									
349.70	**352.67**	**M4 Amphibolite** LITHO: very coare amphibolitic mafic intrusive. 1 to 5mm amphibole, almost only amphiboleCOLOR: greenSTRUCTURE: unit is no deformed. pos deformation event. MINERALIZATION: N/AALTERATION: N/AVEINS: N/ALOWER CONTACT: sharp linear contact with felsic i									

Hole: PAC-19-009

From (m)	To (m)		Rock Type & Description	
352.67	**360.62**	**E3T**	**Felsic Tuff**	**GS1**
Light grey felsic tuff. Matrix has mostly been replaced by amorphous quartz, fine grained blades of biotite aligned with weak to moderate foliation. Small patches of thicker lenses of biotite alteration. Subrounded slightly flattened quartz crystals evenl				
<<Vein: 355.62 - 355.64: Quartz vein contain >90% quartz>> Crosscutting quartz vein with silica alteration bleeding outwards from veing. Sericite in hairlines fractures, weak disseminated pyrite and chlorite alteration on boundaries.				
<<Struc: 353 - 371: weak Foliation 45 deg. >>				
360.62	**360.95**	**I1B**	**Diabase**	**GS1**
Weakly foliated fine grained mafic intrusion with quartz rich ground mass and chlorite alteration.				
360.95	**361.92**	**E3T**	**Felsic Tuff**	**GS1**
Light grey felsic tuff. Matrix has mostly been replaced by amorphous quartz, fine grained blades of biotite aligned with weak to moderate foliation. Small patches of thicker lenses of biotite alteration. Subrounded slightly flattened quartz crystals evenl				
361.92	**362.32**	**I3C**	**Granodiorite**	**GS3**
Pegmatitic granodiorite intrusions with fine grained biotite and smaller bleached plagioclase crystals.				
362.32	**370.97**	**E3T**	**Felsic Tuff**	**GS1**
Light grey felsic tuff. Matrix has mostly been replaced by amorphous quartz, fine grained blades of biotite aligned with weak to moderate foliation. Small patches of thicker lenses of biotite alteration. Subrounded slightly flattened quartz crystals evenl				
<<Vein: 364.27 - 364.28: Quartz vein contain >90% quartz>> White unmineralized quartz vein.				
370.97	**374.77**	**E2T**	**Intermediate Tuff**	**GS1**
Grey intermediate tuff. Mineral assemblage is dominated by biotite, quartz, and lesser interstitial chlorite. Interval is moderately foliated, from afar it would appear as though there are large subangular phenocrysts aligned with foliation throughout. Th				
<<Struc: 371 - 400: moderate Foliation 40 deg. >>				
374.77	**375.67**	**I1B**	**Diabase**	**GS1**
Small crosscutting green mafic intrusion with background chlorite alteration, weak to no foliation.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
353.00	354.00	1.00	335679	0.0025				
354.00	355.00	1.00	335680	0.0025				
355.00	356.00	1.00	335681	0.006				
356.00	357.00	1.00	335682	0.0025				
368.25	369.25	1.00	335683	0.013				
369.25	369.75	0.50	335684	0.013				
369.75	370.25	0.50	335685	0.013				
370.25	370.75	0.50	335686	0.008				
370.75	371.75	1.00	335687	0.0025				

Hole: PAC-19-009

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
375.67	**376.75**	**E2T**	**Intermediate Tuff**	**GS1**									
Grey intermediate tuff. Mineral assemblage is dominated by biotite, quartz, and lesser interstitial chlorite. Interval is moderately foliated, from afar it would appear as though there are large subangular phenocrysts aligned with foliation throughout. Th													
376.75	**378.45**	**I2H**	**Syenite**	**GS2**									
Compositionally interval resembles a granite/syenogranite, however texturally it resembles the interval it "crosscuts", however the potassic alteration has very sharp boundaries.													
378.45	**382.98**	**E2T**	**Intermediate Tuff**	**GS1**									
Grey intermediate tuff. Mineral assemblage is dominated by biotite, quartz, and lesser interstitial chlorite. Interval is moderately foliated, from afar it would appear as though there are large subangular phenocrysts aligned with foliation throughout. Th													
382.98	**383.46**	**I3A**	**Granite**	**GS1**									
Aplitic granite intrusion.													
383.46	**390.90**	**E2T**	**Intermediate Tuff**	**GS1**									
Grey intermediate tuff. Mineral assemblage is dominated by biotite, quartz, and lesser interstitial chlorite. Interval is moderately foliated, from afar it would appear as though there are large subangular phenocrysts aligned with foliation throughout. Th													
<<Vein: 386.4 - 386.42: Quartz vein contain >90% quartz>> White quartz vein with trace pyrite and strong sphalerite mineralization, chlorite on vein boundary.													
<<Vein: 388.04 - 388.06: Quartz vein contain >90% quartz>> White quartz vein with weak light green alteration mineral in hairline fractures.													
<<Vein: 389.05 - 389.06: Quartz vein contain >90% quartz>> White quartz vein with trace pyrite and sphalerite with chlorite on vein boundary.													
					384.50	385.50	1.00	335688	0.033				
					385.50	386.00	0.50	335689	0.016				
					386.00	386.50	0.50	335690	0.017				
					386.50	387.00	0.50	335691	0.023				
					387.00	387.90	0.90	335692	0.0025				
					387.90	389.00	1.10	335694	0.015				
					389.00	390.00	1.00	335695	0.01				
					390.00	391.00	1.00	335696	0.0025				
390.90	**391.11**	**I3C**	**Granodiorite**	**GS3**									
Coarse grained/pegmatitic granodiorite vein with aplitic features.													

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description
391.11	400.20	**E2T Intermediate Tuff GS1** Grey intermediate tuff. Mineral assemblage is dominated by biotite, quartz, and lesser interstitial chlorite. Interval is moderately foliated, from afar it would appear as though there are large subangular phenocrysts aligned with foliation throughout. Th <<Vein: 397 - 397.02: Quartz vein contain >90% quartz>> White quartz vein with trace sphalerite and pyrite, cream geen alteration mineral in hairline fractures (likely sericite) and chlorite on vein boundaries.
400.20	406.94	**E2T Intermediate Tuff GS1** Massive grey green intermediate tuff. Interval is fine grained, but finer grained that overlying intermediate tuff. Much weaker foliation but it can still be made out. Mineral assemblage is dominated by quartz, biotite and chlorite.
406.94	417.37	**I1A Gabbro GS2** Green medium grained gabbro. Mineral assemblage is dominated by chlorite altered/replaced amphiboles(?), biotite, and interstitial quartz. Interval is massive with no foliation. Upper contact with tuff is weakly brecciated by alteration fluids. Difficult
417.37	418.30	**E1 mafic volcanics GS1** Mafic flow/intrusion with aphanitic grey-green groundmass, ~20% of interval is 1-3mm subhedral pyroxene(?) crystals. <<Struc: 418 - 432: Breccia>> Broken interval, strong alteration through fractures, several instances of fault gauge, movement unlikely, just ground joints.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
391.00	392.00	1.00	335697	0.007				
392.00	393.00	1.00	335698	0.01				
393.00	394.00	1.00	335699	0.007				
394.00	395.00	1.00	335700	0.016				
395.00	396.00	1.00	335701	0.015				
396.00	397.10	1.10	335702	0.022				
397.10	398.00	0.90	335703	0.015				
398.00	399.00	1.00	335704	0.011				
399.00	400.00	1.00	335705	0.0025				
400.00	401.00	1.00	335706	0.008				
401.00	402.00	1.00	335707	0.0025				
402.00	403.00	1.00	335708	0.011				
403.00	404.00	1.00	335709	0.014				
404.00	405.00	1.00	335710	0.006				
418.00	419.00	1.00	335711	0.006				

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
418.30	**431.46**	**I1A** **Gabbro**	**GS2**									
Orange and green medium grained gabbro. Potentially the same gabbro as the overlying gabbro, stronger felsic component (likely quartz that has been stained by potassic alteration). Interval is moderately fractured through which the potassic, chlorite and				419.00	420.00	1.00	335713	0.0025				
				420.00	421.00	1.00	335714	0.0025				
				421.00	422.00	1.00	335715	0.0025				
				422.00	423.00	1.00	335716	0.011				
				423.00	424.00	1.00	335717	0.0025				
				424.00	425.00	1.00	335718	0.0025				
				425.00	426.00	1.00	335719	0.01				
				426.00	427.00	1.00	335720	0.0025				
				427.00	428.00	1.00	335721	0.0025				
				428.00	429.00	1.00	335722	0.0025				
				429.00	430.00	1.00	335723	0.009				
				430.00	431.00	1.00	335724	0.0025				
				431.00	432.00	1.00	335725	0.006				
431.46	**437.75**	**I2B** **Quartz diorite**	**GS2**									
Grey, with lesser green and orange, medium grained massive quartz diorite. Mineral assemblage is dominated by quartz, chlorite, biotite, and plagioclase. Quartz makes up the groundmass with the interstitial biotite, biotite rim on some chlorite crystals b												
437.75	**438.90**	**I1B** **Diabase**	**GS1**									
Fine grained intermediate-mafic intrusion. Mineral assemblage is dominated by chlorite, biotite, quartz and plagioclase. Weak hydrothermal brecciation with epidote in fractures.												
438.90	**442.67**	**I1A** **Gabbro**	**GS2**									
Medium to coarse grained gabbro with well formed euhedral crystals. Mineral assemblage is dominated by equant chlorite altered pyroxenes/amphiboles, tabular/needle books of biotite, and quartz dominated groundmass with less plagioclase. No structure, no a												
442.67	**443.41**	**I1B** **Diabase**	**GS1**									
Chlorite altered fine grained mafic intrusion with felsic groundmass. Weak fabric and host rock has no fabric, difficult to tell which crosscuts which.												

Hole: PAC-19-009

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
443.41	**454.21**	**I1A** **Gabbro**	**GS2**									
Medium to coarse grained gabbro with well formed euhedral crystals. Mineral assemblage is dominated by equant chlorite altered pyroxenes/amphiboles, tabular/needle books of biotite, and quartz dominated groundmass with less plagioclase. No structure, no a												
454.21	**454.89**	**I2B** **Quartz diorite**	**GS1**									
Green brown quartz diorite. Groundmass is quartz rich, fine biotite, weak chlorite and disseminated pyrite.												
454.89	**484.22**	**I1A** **Gabbro**	**GS2**									
Medium to coarse grained gabbro with well formed euhedral crystals. Mineral assemblage is dominated by equant chlorite altered pyroxenes/amphiboles, tabular/needle books of biotite, and quartz dominated groundmass with less plagioclase. No structure, no a												
484.22	**486.37**	**I2B** **Quartz diorite**	**GS2**									
Fine grained intermediate intrusion, groundmass is dominated by amorphous quartz and lesser tabular medium grained plagioclase. Chlorite altered pyroxenes(?), weak disseminated pyrite and chalcopyrite.												
486.37	**490.78**	**I1A** **Gabbro**	**GS2**									
Medium to coarse grained gabbro with well formed euhedral crystals. Mineral assemblage is dominated by equant chlorite altered pyroxenes/amphiboles, tabular/needle books of biotite, and quartz dominated groundmass with less plagioclase. No structure, no a												
490.78	**496.10**	**I1A** **Gabbro**	**GS1**									
Green gabbro with medium to coarse grained hexagonal euhedral pyroxene crystal lending a porphyritic texture to the interval.												
496.10	**496.40**	**I3A** **Granite**	**GS1**									
Aplitic granitic intrusion/vein.												
496.40	**497.44**	**I1A** **Gabbro**	**GS1**									
Green gabbro with medium to coarse grained hexagonal euhedral pyroxene crystal lending a porphyritic texture to the interval.												
497.44	**500.17**	**I2A** **Diorite**	**GS2**									
Crosscutting diorite intrusion with rounded chlorite altered wall rock xenoliths. Fine disseminated garnets, ~1%.												
500.17	**501.00**	**I1A** **Gabbro**	**GS1**									
Green gabbro with medium to coarse grained hexagonal euhedral pyroxene crystal lending a porphyritic texture to the interval.												

End of Hole @ 501

Hole: PAC-19-009

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-010

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-11-25	**Core Size:**	NQ
UTM East:	438837.8796	**Azimuth:**	165	**Date Completed:**	2019-11-26	**Casing Pulled?:**	☐
UTM North:	5646533.263	**Dip:**	-50.5	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	396	**Length (m):**	111	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-50.4	165.1			56970	☑	
12	Reflex			-50.4	165.1			56887	☑	
15	Reflex			-50.3	165.1			56907	☑	
18	Reflex			-50.3	165.3			56894	☑	
21	Reflex			-50.2	165.6			56881	☑	
24	Reflex			-50.1	165.5			56893	☑	
27	Reflex			-50.1	165.7			57008	☑	
30	Reflex			-50.1	165.6			56875	☑	
33	Reflex			-50.1	165.6			56875	☑	
36	Reflex			-50	165.6			56873	☑	
39	Reflex			-50	165.6			56911	☑	
42	Reflex			-49.8	165.7			56859	☑	
45	Reflex			-49.8	166			56986	☑	

Hole: PAC-19-010

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
48	Reflex			-49.8	166			57006	☑	
51	Reflex			-49.7	166.1			56912	☑	
54	Reflex			-49.7	166.2			56894	☑	
57	Reflex			-49.6	166.2			56874	☑	
60	Reflex			-49.6	166.4			56889	☑	
63	Reflex			-49.5	166.5			56899	☑	
66	Reflex			-49.5	166.6			56948	☑	
69	Reflex			-49.5	166.7			56890	☑	
72	Reflex			-49.4	166.9			56863	☑	
75	Reflex			-49.3	167			56865	☑	
78	Reflex			-49.3	166.9			56854	☑	
81	Reflex			-49.3	167.1			56841	☑	
84	Reflex			-49.2	166.9			56869	☑	
87	Reflex			-49.2	166.8			56867	☑	
90	Reflex			-49.2	167.2			56848	☑	
93	Reflex			-49.2	167			56840	☑	
96	Reflex			-49.2	167.2			56791	☑	
99	Reflex			-49.1	167.1			56772	☑	
102	Reflex			-49.2	166.8			56756	☑	
105	Reflex			-49.2	166.9			56758	☑	
108	Reflex			-49.1	167.2			56786	☑	
111	Reflex			-49.1	167.2			56773	☑	

Hole: PAC-19-010

From (m)	To (m)		Rock Type & Description	
0.00	**2.40**	**OB**	**Overburden**	
2.40	**5.42**	**I3A**	**Granite**	**GS2**

Medium grained white-grey-orange granite. Interval is largely undeformed, very weak preferential orientation observed in biotite crystals. Crosscut by several light grey quartz veins which are mostly unmineralized. Fine disseminated pyrite throughout. Las

<<Alt: 2.4 - 5.42: moderate K-feldspar>>

<<Vein: 3.21 - 3.23: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein

<<Vein: 3.46 - 3.48: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein

<<Vein: 3.7 - 3.71: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein

<<Vein: 4.02 - 4.04: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein

5.42	**6.02**	**E1A**	**Basalt**	**GS1**

Fine grained dark green basalt. Crosscut by surrounding granitoids. Fracture related epidote alteration, pervasive chlorite alteration, quartz rich ground mass.

<<Alt: 5.42 - 6.02: moderate Epidote / moderate K-feldspar>>

<<Vein: 5.42 - 5.44: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein at contact between intrusion and basalt

6.02	**6.90**	**I3A**	**Granite**	**GS2**

Medium grained white-grey-orange granite. Interval is largely undeformed, very weak preferential orientation observed in biotite crystals. Crosscut by several light grey quartz veins which are mostly unmineralized. Fine disseminated pyrite throughout. Las

<<Alt: 6.02 - 6.9: moderate K-feldspar>>

<<Vein: 6.3 - 6.32: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein

6.90	**7.13**	**E1A**	**Basalt**	**GS1**

As above.

<<Alt: 6.9 - 7.13: moderate Epidote / moderate K-feldspar>>

7.13	**12.01**	**I3A**	**Granite**	**GS2**

Medium grained white-grey-orange granite. Interval is largely undeformed, very weak preferential orientation observed in biotite crystals. Crosscut by several light grey quartz veins which are mostly unmineralized. Fine disseminated pyrite throughout. Las

<<Alt: 7.13 - 12.8: moderate K-feldspar>>

<<Vein: 9.92 - 9.94: Quartz vein contain >90% quartz>> Unmineralized light grey quartz vein

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
2.00	4.00	2.00	335726	0.0025				
4.00	5.33	1.33	335727	0.0025				
5.33	7.13	1.80	335728	0.0025				
7.13	8.00	0.87	335729	0.0025				
8.00	9.00	1.00	335730	0.079				
9.00	10.00	1.00	335731	0.0025				
10.00	11.00	1.00	335732	0.0025				

Hole: PAC-19-010

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 11.65 - 11.67: Quartz vein contain >90% quartz>> Grey quartz vein with sulphides					11.00	12.00	1.00	335733	0.0025				
					12.00	13.00	1.00	335734	0.0025				
12.01	**12.28**	**E1A**	**Basalt**	**GS1**									
As above, crosscut by thin quartz veinlets.													
12.28	**12.80**	**I3A**	**Granite**	**GS2**									
Medium grained white-grey-orange granite. Interval is largely undeformed, very weak preferential orientation observed in biotite crystals. Crosscut by several light grey quartz veins which are mostly unmineralized. Fine disseminated pyrite throughout. Las													
12.80	**13.63**	**E1A**	**Basalt**	**GS1**	13.00	14.00	1.00	335735	0.0025				
As above, more intense fracture related epidote alteration with associated pyrite.													
<<Alt: 12.8 - 14.98: strong Epidote / moderate K-feldspar>>													
13.63	**17.13**	**I3A**	**Granite**	**GS2**	14.00	15.00	1.00	335736	0.0025				
Medium grained white-grey-orange granite. Interval is largely undeformed, very weak preferential orientation observed in biotite crystals. Crosscut by several light grey quartz veins which are mostly unmineralized. Fine disseminated pyrite throughout. Las													
<<Alt: 14.98 - 17: moderate K-feldspar>>					15.00	16.00	1.00	335737	0.0025				
<<Vein: 14.25 - 14.26: Quartz vein contain >90% quartz>> Light grey with pyrite					16.00	17.00	1.00	335738	0.0025				
<<Struc: 17 - 44: weak Foliation 40 deg. >> Weak foliation, weaker through more silicified material, more evident mafic intrusions with biotite and chlorite.					17.00	18.00	1.00	335739	0.0025				
17.13	**18.67**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
					18.00	19.00	1.00	335740	0.0025				
18.67	**19.13**	**I1B**	**Diabase**	**GS2**	19.00	20.00	1.00	335741	0.0025				
Green mafic intrusion. Medium grained green subhedral crystalline pyroxene(?) crystals, groundmass is dominated by quartz and lesser biotite. Pyroxenes near contacts are deformed and aligned in the direction of the contact. Increased pyrite mineralization													
19.13	**21.77**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
<<Alt: 21.7 - 21.85: moderate Epidote>>													

Hole: PAC-19-010

From (m)	To (m)	Rock Type & Description		
21.77	**21.97**	**I1B**	**Diabase**	**GS1**
Fine to medium grained grey and green intermediate/mafic intrusion. Medium green amphiboles/chlorite altered pyroxenes are subhedral, deformed and aligned with foliation.				
21.97	**22.55**	**E2T**	**Intermediate Tuff**	**GS3**
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are				
22.55	**24.14**	**I1B**	**Diabase**	**GS1**
As above.				
24.14	**25.98**	**E2T**	**Intermediate Tuff**	**GS3**
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are				
<<Alt: 25.5 - 25.65: intense Sericite>>				
25.98	**26.22**	**I1B**	**Diabase**	**GS2**
As above, slightly larger green crystals.				
26.22	**37.68**	**E2T**	**Intermediate Tuff**	**GS3**
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are				
<<Vein: 34.05 - 34.06: Quartz vein contain >90% quartz>>	Light grey with pyrite and chalcopyrite			
<<Vein: 34.28 - 34.32: Quartz vein contain >90% quartz>>	Light grey with pyrite and chalcopyrite			

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
20.00	21.00	1.00	335742	0.0025				
21.00	22.13	1.13	335743	0.0025				
31.00	32.00	1.00	335744	0.0025				
32.00	33.00	1.00	335745	0.0025				
33.00	33.60	0.60	335746	0.0025				
33.60	34.00	0.40	335748	0.0025				
34.00	34.38	0.38	335749	0.0025				
34.38	34.80	0.42	335750	0.0025				
34.80	36.00	1.20	335751	0.0025				

Hole: PAC-19-010

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
37.68	**37.92**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Pegmatitic alkali feldspar granite. Non planar sharp upper and lower contacts.													
37.92	**47.73**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
<<Alt: 46.85 - 47: moderate Epidote>>													
<<Struc: 44 - 52: moderate Foliation 40 deg. >> More tuff components and mafic intrusions, weaker rock.													
47.73	**48.07**	**I1B**	**Diabase**	**GS2**									
As above DIA, crosscuts.													
					48.00	49.00	1.00	335752	0.0025				
48.07	**48.31**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Crosscutting AFG on boundary between overlying DIA and underlying tuff/diorite hybrid. Boundaries are pegmatitic, centre is medium grained.													
48.31	**48.76**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
48.76	**49.19**	**I3B**	**Tonalite**	**GS2**									
Crosscutting quartz rich tonalite. Interstitial biotite and chlorite make up 30% of interval.													
					49.00	49.30	0.30	335753	0.0025				
49.19	**50.50**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
<<Vein: 49.45 - 49.47: Quartz vein contain >90% quartz>> Light grey with pyrite, chalcopyrite, and chlorite.													
					49.30	49.60	0.30	335754	0.0025				
					49.60	49.90	0.30	335755	0.0025				
					49.90	51.00	1.10	335756	0.0025				
50.50	**51.50**	**I2A**	**Diorite**	**GS1**	51.00	52.00	1.00	335757	0.0025				
Crosscutting grey fine grained diorite. Rock has weak green hue from fine disseminated epidote alteration and chlorite alteration. Disseminated fine grained pyrite throughout, weakly foliated.													

Hole: PAC-19-010

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 50.5 - 51.5: weak Epidote>>													
51.50	**58.85**	**E2T**	**Intermediate Tuff**	**GS3**	52.00	53.00	1.00	335758	0.0025				
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
<<Struc: 52 - 71.62: weak Foliation 40 deg. >>					53.00	54.00	1.00	335759	0.0025				
					54.00	54.50	0.50	335760	0.0025				
					54.50	55.00	0.50	335761	0.0025				
					55.00	55.50	0.50	335762	0.0025				
					55.50	56.50	1.00	335763	0.0025				
					56.50	57.50	1.00	335764	0.0025				
					57.50	58.50	1.00	335765	0.0025				
					58.50	59.60	1.10	335766	0.0025				
58.85	**59.50**	**I3B**	**Tonalite**	**GS2**									
Crosscutting medium grey tonalite. Groundmass is dominated by amorphous medium grey quartz, medium grained white subhedral plagioclase crystals are disseminated throughout ~20%, thin blades of biotite are aligned with weak foliation.													
<<Vein: 59.15 - 59.16: Quartz vein contain >90% quartz>> Grey quartz vein that doesn't crosscut core axis with py and cp													
59.50	**71.62**	**E2T**	**Intermediate Tuff**	**GS3**	59.60	60.50	0.90	335768	0.0025				
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
					60.50	61.50	1.00	335769	0.0025				
					61.50	62.50	1.00	335770	0.0025				
					62.50	63.50	1.00	335771	0.0025				
					63.50	64.50	1.00	335772	0.0025				
					64.50	65.50	1.00	335773	0.0025				
					65.50	66.50	1.00	335774	0.0025				
					66.50	67.50	1.00	335775	0.0025				
					67.50	68.50	1.00	335776	0.0025				
71.62	**71.92**	**I1B**	**Diabase**	**GS2**									
As above DIA's.													

Hole: PAC-19-010

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 71.62 - 74: moderate Foliation 40 deg. >>													
71.92	**72.44**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
72.44	**73.66**	**I1B**	**Diabase**	**GS2**									
As above DIA's.													
73.66	**75.79**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
<<Struc: 74 - 90: weak Foliation 40 deg. >>													
75.79	**76.17**	**I3C**	**Granodiorite**	**GS2**									
Undeformed grey and beige granitoid. Disseminated pyrite.													
76.17	**78.50**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
78.50	**78.88**	**I3C**	**Granodiorite**	**GS2**									
Grey and beige granitoid with stringers of potassic alteration. Irregular and deformed upper and lower contacts.													
78.88	**89.95**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
<<Alt: 80.6 - 81: complete unknown>> Unidentifed light green alteration mineral. Entire rock is altered, somewhat texturally destructive, foliation parallel, appears to have epidote crystals with the epidote alteration bleeding out and bleaching the rocks around it?													
<<Alt: 82.1 - 82.35: strong unknown>> As above unid but not as intense.													
<<Alt: 88.3 - 88.5: moderate Epidote>>													
					88.00	89.00	1.00	335777	0.0025				
					89.00	90.00	1.00	335778	0.0025				
89.95	**90.19**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Pegmatitic alkali feldspar granite vein/intrusion. Dominated by kspar, weak interstitial biotite and disseminated pyrite.													

Hole: PAC-19-010

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					90.00	91.00	1.00	335779	0.0025				
90.19	**90.38**	**E2T**	**Intermediate Tuff**	**GS3**									
Bimodal intermediate tuff. Grey rock with two constituents. Component A is fine grained, its mineral assemblage is dominated by quartz, biotite, chlorite, and pyrite. Quartz is light grey, mostly granular sometimes old crystals can be made out but the are													
90.38	**93.97**	**I3A**	**Granite**	**GS2**									
Grey and orange granitoid. Fine disseminated epidote alteration. Crosscut by kspar veins both aplitic and pegmatitic. Undeformed. <<Alt: 90.38 - 93: moderate Epidote>>													
					91.00	92.00	1.00	335780	0.0025				
93.97	**94.52**	**I2H**	**Syenite**	**GS3**									
Kspar dominated, <10% coarse/pegmatitic grained quartz.													
94.52	**98.21**	**I3A**	**Granite**	**GS2**									
Grey and orange granitoid. Fine disseminated epidote alteration. Crosscut by kspar veins both aplitic and pegmatitic. Undeformed.													
98.21	**99.57**	**I2H**	**Syenite**	**GS0**									
Aplitic vein within granite intrusion. Upper and lower contacts interfinger slightly, appears braided. Crosscut by thin quartz veinlets.													
99.57	**100.36**	**I3A**	**Granite**	**GS2**									
Grey and orange granitoid. Fine disseminated epidote alteration. Crosscut by kspar veins both aplitic and pegmatitic. Undeformed.													
100.36	**100.76**	**E2T**	**Intermediate Tuff**	**GS3**									
Small interval of surrounding intermediate intrusion between granitoid intrusions.													
100.76	**101.40**	**I3A**	**Granite**	**GS2**									
Grey and orange granitoid. Fine disseminated epidote alteration. Crosscut by kspar veins both aplitic and pegmatitic. Undeformed.													
101.40	**105.81**	**I3B**	**Tonalite**	**GS2**									
Grey tonalite/quartz diorite. Similar to above granitoid but without kspar and increased chlorite. <<Alt: 101.4 - 105.81: moderate Epidote>>													
105.81	**109.30**	**E2T**	**Intermediate Tuff**	**GS3**									
As above bimodal intermediate tuff. <<Struc: 106 - 110.35: weak Foliation 40 deg. >>													

Hole: PAC-19-010

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			106.00	107.00	1.00	335781	0.0025				
			107.00	108.00	1.00	335782	0.0025				
			108.00	109.00	1.00	335783	0.0025				
			109.00	110.00	1.00	335784	0.0025				
109.30	**111.00**	**I3B** **Tonalite** **GS2**	110.00	111.00	1.00	335785	0.0025				

Grey and beige granitoid. Upper contact is mix with green diabase/mafic intrusion/gabbro. Plagioclase crystals are abundant and slightly subhedral, weak disseminated pyrite. Appears to be two different granitoid intrusions of a similar composition the ove

End of Hole @ 111

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-011

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-11-26	**Core Size:**	NQ
UTM East:	438997.58	**Azimuth:**	165	**Date Completed:**	2019-11-28	**Casing Pulled?:**	☐
UTM North:	5646528	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	396	**Length (m):**	201	**Drill Rig:**		**Casing Depth (m):**	7.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-49.3	164.1			57767	☑	
12	Reflex			-49.2	164.2			57195	☑	
15	Reflex			-49.1	164.5			57090	☑	
18	Reflex			-49	164.4			56978	☑	
21	Reflex			-48.9	164.4			56928	☑	
24	Reflex			-48.9	164.4			56937	☑	
27	Reflex			-48.8	164.6			56897	☑	
30	Reflex			-48.8	164.8			56882	☑	
33	Reflex			-48.7	164.8			56872	☑	
36	Reflex			-48.7	164.9			56840	☑	
39	Reflex			-48.6	165.1			56824	☑	
42	Reflex			-48.5	165.2			56813	☑	
45	Reflex			-48.4	165.2			56830	☑	

Hole: PAC-19-011

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
48	Reflex			-48.4	165.5			56833	☑	
51	Reflex			-48.4	165.3			56831	☑	
54	Reflex			-48.4	165.6			56884	☑	
57	Reflex			-48.4	165.2			56793	☑	
60	Reflex			-48.3	165.5			57101	☑	
63	Reflex			-48.3	165.6			56777	☑	
66	Reflex			-48.2	165.5			56830	☑	
72	Reflex			-48.2	165.9			56878	☑	
75	Reflex			-48.2	165.6			56857	☑	
78	Reflex			-48.2	165.5			56844	☑	
81	Reflex			-48.2	165.6			56786	☑	
84	Reflex			-48.2	165.5			57090	☑	
87	Reflex			-48.1	165.8			56857	☑	
90	Reflex			-48.1	166.3			56859	☑	
93	Reflex			-48.1	165.8			56941	☑	
96	Reflex			-48.1	166			56936	☑	
102	Reflex			-48.1	166.3			56879	☑	
105	Reflex			-48.1	166.2			56938	☑	
108	Reflex			-48.2	166.2			56851	☑	
111	Reflex			-48.1	166.2			56862	☑	
114	Reflex			-48.1	166.6			56937	☑	
117	Reflex			-48.1	166.3			56897	☑	
120	Reflex			-48.1	166.5			56881	☑	
123	Reflex			-48.1	166.5			56915	☑	

Hole: PAC-19-011

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
126	Reflex			-48.1	166.6			56897	☑	
129	Reflex			-48.1	166.9			56762	☑	
138	Reflex			-48	166.6			56886	☑	
141	Reflex			-47.9	166.6			56645	☑	
144	Reflex			-47.9	166.8			56786	☑	
147	Reflex			-47.9	166.8			56879	☑	
150	Reflex			-47.9	166.7			56953	☑	
153	Reflex			-47.8	166.6			56964	☑	
156	Reflex			-47.8	166.6			56883	☑	
159	Reflex			-47.9	166.6			57186	☑	
165	Reflex			-47.8	166.9			57013	☑	
168	Reflex			-47.8	166.7			57179	☑	
171	Reflex			-47.8	166.8			56909	☑	
174	Reflex			-47.7	166.6			57065	☑	
177	Reflex			-47.7	166.6			57201	☑	
180	Reflex			-47.7	166.9			56932	☑	
183	Reflex			-47.7	166.7			57077	☑	
186	Reflex			-47.7	166.9			57105	☑	
189	Reflex			-47.7	167			56942	☑	
192	Reflex			-47.6	166.6			57129	☑	
198	Reflex			-47.6	166.8			57085	☑	
201	Reflex			-47.6	167			57119	☑	

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**8.53**	**OB Overburden**									
8.53	**23.45**	**E2T Intermediate Tuff GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.											
<<Alt: 14.2 - 14.4: moderate Epidote>> Patchy disseminated bleaching green alteration											
<<Alt: 17 - 18.5: moderate Epidote>>											
<<Alt: 18.5 - 19: moderate Epidote / moderate K-feldspar>>											
<<Alt: 19 - 19.5: moderate K-feldspar>>											
<<Alt: 22.6 - 22.7: intense Epidote>> Mottle patch of pervasive green alteration.											
<<Vein: 18.7 - 18.71: Quartz vein contain >90% quartz>> Boudinaged quartz vein with chlorite and sericite alteration on vein boundaries.											
<<Struc: 8.53 - 28.3: weak Foliation 30 deg. >>											
			14.00	15.00	1.00	335787	0.0025				
			15.00	16.85	1.85	335788	0.0025				
			16.85	18.00	1.15	335789	0.0025				
			18.00	19.00	1.00	335790	0.061				
			19.00	20.00	1.00	335791	0.0025				
23.45	**23.77**	**I3A Granite GS2**									
Upper contact is pinched and deformed. Textural relationship with tuff is unclear.											
23.77	**24.97**	**E2T Intermediate Tuff GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.											
24.97	**26.57**	**I3A Granite GS2**									
Granite intrusion with small grey quartz veinlets. Deformed and irregular contacts, not a late crosscutting intrusion with parallel planar contacts.											
26.57	**31.10**	**E2T Intermediate Tuff GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.											
<<Min: 28.5 - 30: 2% pyrite>> Increased pyrite dissemination, associated with foliation and weak veining											
<<Min: 30.7 - 32.5: 2% pyrite>>											
<<Alt: 27.2 - 29.7: strong Epidote>>											

Hole: PAC-19-011

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 28.3 - 35: moderate Foliation 30 deg. >>													
					27.00	28.00	1.00	335792	0.0025				
					28.00	29.00	1.00	335793	0.0025				
					29.00	30.00	1.00	335794	0.0025				
					30.00	31.00	1.00	335795	0.0025				
					31.00	32.00	1.00	335796	0.0025				
31.10	**32.03**	**I3B**	**Tonalite**	**GS2**	32.00	33.00	1.00	335797	0.0025				
Three different crosscutting tonalite intrusions crosscutting each other.													
32.03	**41.20**	**E2T**	**Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.													
<<Alt: 33 - 33.6: weak Epidote>>													
<<Alt: 35.2 - 37: moderate Epidote>>													
<<Vein: 32.05 - 32.06: Quartz vein contain >90% quartz>> Light grey vitreous quartz vein parallel to foliation, slight variability in thickness, disseminated pyrite mineralization. Weak potassic alteration in fractures.													
<<Vein: 36.15 - 36.18: Quartz vein contain >90% quartz>> Boudinaged quartz vein that weaves through core axis. Unmineralized, associated with epidote alteration.													
<<Struc: 35 - 65: weak Foliation 30 deg. >> 30-35 degrees													
					33.00	34.00	1.00	335798	0.0025				
					34.00	35.00	1.00	335799	0.0025				
					35.00	36.00	1.00	335800	0.0025				
					36.00	37.00	1.00	335801	0.0025				
					37.00	38.00	1.00	335802	0.0025				
					38.00	39.00	1.00	335803	0.0025				
					39.00	40.00	1.00	335804	0.0025				
					40.00	41.00	1.00	335805	0.0025				
					41.00	42.00	1.00	335806	0.0025				
41.20	**42.04**	**I3B**	**Tonalite**	**GS2**	42.00	43.00	1.00	335808	0.0025				
Grey tonalite intrusion with contacts and foliation parallel to surrounding tuff's foliation. ~3% fine disseminated pyrite.													

Hole: PAC-19-011

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
42.04	**55.43**	**E2T**	**Intermediate Tuff**	**GS3**	43.00	44.00	1.00	335809	0.0025				
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.													
<<Min: 48.5 - 53.6: 2% pyrite>> Increased pyrite dissemination, associated with foliation and weak veining					44.00	45.00	1.00	335810	0.0025				
<<Alt: 48.7 - 49.1: moderate Epidote>>					45.00	46.00	1.00	335811	0.0025				
<<Alt: 54 - 54.2: complete Epidote>>					46.00	47.00	1.00	335812	0.0025				
<<Vein: 43.9 - 43.92: Quartz vein contain >90% quartz>> Boundinaged grey vitreous quartz vein in line with foliation. Weak pyrite mineralization and potassic alteration.					47.00	48.00	1.00	335813	0.0025				
<<Vein: 46.4 - 46.43: Quartz vein contain >90% quartz>> Boundinaged grey vitreous quartz vein in line with foliation. Weak pyrite mineralization.					48.00	49.20	1.20	335814	0.0025				
<<Vein: 49.1 - 49.12: Quartz vein contain >90% quartz>> Boundinaged grey vitreous quartz vein in line with foliation. Weak pyrite mineralization and potassic alteration.					49.20	50.10	0.90	335815	0.0025				
<<Vein: 50.4 - 50.7: Quartz vein contain >90% quartz>> 4-5 1cm scale quartz veins in line with foliation and slightly deformed. Weak pyrite mineralization, mixed with potassic alteration, chlorite alteration on margins.					50.10	51.00	0.90	335816	0.02				
<<Vein: 51.21 - 51.22: Quartz vein contain >90% quartz>> As above veins.					51.00	52.15	1.15	335817	0.049				
<<Vein: 51.56 - 51.58: Quartz vein contain >90% quartz>> As above veins.					52.15	53.15	1.00	335818	0.0025				
<<Vein: 52.1 - 52.13: Quartz vein contain >90% quartz>> As above veins.					53.15	54.15	1.00	335819	0.0025				
					54.15	55.10	0.95	335820	0.0025				
					55.10	56.00	0.90	335821	0.0025				
55.43	**55.76**	**I1B**	**Diabase**	**GS1**									
Medium to dark green foliated mafic intrusion. Weak disseminated pyrite.													
55.76	**59.25**	**E2T**	**Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.													
<<Alt: 56.2 - 56.6: moderate Epidote>>													
					56.00	57.00	1.00	335822	0.0025				
					57.00	58.00	1.00	335823	0.0025				
					58.00	59.00	1.00	335824	0.0025				
					59.00	59.88	0.88	335825	0.0025				
59.25	**59.88**	**I3B**	**Tonalite**	**GS2**									
Light grey tonalite intrusion. Upper and lower contacts are deformed with tuff host.													
					59.88	61.00	1.12	335826	0.0025				

Hole: PAC-19-011

From (m)	To (m)		Rock Type & Description	
59.88	**61.14**	**E2T**	**Intermediate Tuff**	**GS3**
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.				
61.14	**61.45**	**I2B**	**Quartz diorite**	**GS2**
Fine to medium grained quartz rich diorite with medium grained anhedral green amphibole, crosscuts tuff.				
61.45	**65.30**	**E2T**	**Intermediate Tuff**	**GS3**
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.				
<<Alt: 61.8 - 62.3: complete Epidote>>				
<<Struc: 65 - 73.5: moderate Foliation 40 deg. >>				
65.30	**65.61**	**I3B**	**Tonalite**	**GS2**
Medium grained tonalite with disseminated fine grained epidote, deformed upper contact with overly tuff.				
65.61	**73.45**	**E2T**	**Intermediate Tuff**	**GS3**
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.				
<<Alt: 67.5 - 68: complete Epidote>>				
<<Alt: 68.9 - 69.3: strong Epidote>>				
<<Alt: 70.3 - 70.75: strong Epidote>>				
73.45	**74.20**	**I3A**	**Granite**	**GS2**
Medium grained granite with some kspar crosscutting veining and quartz veining with pyrite.				
<<Vein: 73.95 - 73.97: Quartz vein contain >90% quartz>> Grey vitreous quartz vein with massive pyrite.				
74.20	**74.56**	**E2T**	**Intermediate Tuff**	**GS3**
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.				
74.56	**74.68**	**I2H**	**Syenite**	**GS0**
Aplitic syenogranite intrusion				
74.68	**74.94**	**E2T**	**Intermediate Tuff**	**GS3**
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
69.85	71.00	1.15	335828	0.0025				
71.00	72.00	1.00	335829	0.0025				
72.00	73.00	1.00	335830	0.0025				
73.00	74.20	1.20	335831	0.0025				
74.20	75.00	0.80	335832	0.0025				

Hole: PAC-19-011

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
74.94	**75.10**	**I2H**	**Syenite**	**GS0**	75.00	76.00	1.00	335833	0.0025				
Aplitic syenogranite intrusion													
<<Struc: 75 - 81: weak Foliation 30 deg. >>													
75.10	**75.92**	**E2T**	**Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.													
75.92	**76.35**	**I3A**	**Granite**	**GS2**									
Granitic intrusion with pulsing kspar alteration, aplitic kspar crosscutting and weak quartz veining.					76.00	77.00	1.00	335834	0.0025				
76.35	**80.96**	**E2T**	**Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.													
<<Vein: 77.5 - 77.52: Quartz vein contain >90% quartz>> Quartz vein with pyrite mineralization.					77.00	78.00	1.00	335835	0.0025				
					78.00	79.00	1.00	335836	0.0025				
					79.00	80.00	1.00	335837	0.0025				
					80.00	81.00	1.00	335838	0.0025				
80.96	**84.60**	**I3A**	**Granite**	**GS2**									
Undeformed granitic intrusion with stringers of kspar alteration, aplitic intrusions, weak quartz veining, lower contact is deformed.					81.00	82.00	1.00	335839	0.0025				
					82.00	83.00	1.00	335840	0.0025				
					83.00	84.00	1.00	335841	0.0025				
					84.00	85.00	1.00	335842	0.0025				
84.60	**85.68**	**E2T**	**Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.													
<<Alt: 84.65 - 95.09: intense Biotite>>													
<<Vein: 85.15 - 85.16: Quartz vein contain >90% quartz>> Quartz vein with pyrite mineralization.					85.00	86.00	1.00	335843	0.0025				

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
85.68	**86.05**	**I3A** **Granite**	**GS2**	86.00	87.00	1.00	335844	0.006				
Granitic intrusion with pyrite stringers. Upper and lower contacts seem to be slightly deformed with surrounding tuff.												
86.05	**90.95**	**E2T** **Intermediate Tuff**	**GS3**	87.00	88.00	1.00	335845	0.0025				
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.												
<<Struc: 86.06 - 94.17: weak Foliation 30 deg. >> 25-35				88.00	89.00	1.00	335846	0.0025				
				89.00	90.00	1.00	335848	0.005				
				90.00	91.00	1.00	335849	0.0025				
90.95	**91.72**	**I3A** **Granite**	**GS2**									
Crosscutting granite, undeformed, weak disseminated pyrite.												
				91.00	92.00	1.00	335850	0.0025				
91.72	**92.82**	**E2T** **Intermediate Tuff**	**GS3**	92.00	93.00	1.00	335851	0.0025				
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.												
92.82	**93.28**	**I2H** **Syenite**	**GS3**									
Kspar pegmatitic vein/intrusion.												
				93.00	94.00	1.00	335852	0.0025				
93.28	**94.17**	**E2T** **Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Interval is weakly foliated throughout. ~10% pinched and stretched polygenetic clasts throughout. Ash dominated components of interval are massive and homogeneous.												
				94.00	95.00	1.00	335853	0.0025				
94.17	**95.09**	**I3A** **Granite**	**GS2**									
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am												
<<Vein: 94.6 - 94.62: Quartz vein contain >90% quartz>> Unmineralized grey quartz vein fragment												
95.09	**100.53**	**I3C** **Granodiorite**	**GS2**									
Medium grained granodiorite that crosscuts bounding granite intrusion. Massive, undeformed, no veining.												
<<Alt: 95.09 - 100.53: intense Biotite / weak Epidote>>												

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
100.53	**111.65**	**I3A Granite GS2**									
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am											
<<Alt: 100.53 - 138.5: intense Biotite>>											
<<Vein: 101.94 - 101.96: Quartz vein contain >90% quartz>> unmineralized grey quartz vein											
<<Vein: 102.3 - 102.31: Quartz vein contain >90% quartz>> Trace pyrite mineralization											
<<Vein: 102.55 - 102.56: Quartz vein contain >90% quartz>> Vein/silica rich band with pyrite											
<<Vein: 102.95 - 102.96: Quartz vein contain >90% quartz>> Wavy quartz vein with pyrite mineralization											
<<Vein: 104.5 - 104.51: Quartz vein contain >90% quartz>> py min											
<<Vein: 106.9 - 106.91: Quartz vein contain >90% quartz>> unmineralized											
<<Vein: 108.32 - 108.4: Quartz vein contain >90% quartz>> py min											
<<Vein: 109.1 - 109.13: Quartz vein contain >90% quartz>> py min, crosscut by intrusion											
			100.53	102.00	1.47	335854	0.0025				
			102.00	103.04	1.04	335855	0.0025				
			103.04	104.00	0.96	335856	0.0025				
			104.00	105.00	1.00	335857	0.0025				
			105.00	106.00	1.00	335858	0.0025				
			106.00	107.00	1.00	335859	0.0025				
			107.00	108.00	1.00	335860	0.0025				
			108.00	109.00	1.00	335861	0.0025				
			109.00	110.00	1.00	335862	0.0025				
111.65	**112.68**	**I3C Granodiorite GS1**									
Fine grained dark grey granodiorite, crosscuts surrounding granite, xenolithic clasts of granite included in interval.											
112.68	**116.08**	**I3A Granite GS2**									
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am											
<<Vein: 114.4 - 114.42: Quartz vein contain >90% quartz>> unmineralized											
116.08	**117.80**	**I3C Granodiorite GS1**	117.00	118.00	1.00	335863	0.0025				
Dark grey crosscutting biotite rich(er) biotite.											

Hole: PAC-19-011

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 117.6 - 117.61: Quartz vein contain >90% quartz>> weak py min													
117.80	**126.02**	**I3A**	**Granite**	**GS2**	118.00	119.00	1.00	335864	0.0025				
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am													
<<Vein: 120.43 - 120.49: Quartz vein contain >90% quartz>> weak py min					119.00	120.00	1.00	335865	0.0025				
<<Vein: 121.1 - 121.13: Quartz vein contain >90% quartz>> py min					120.00	121.00	1.00	335866	0.0025				
<<Vein: 122.45 - 122.48: Quartz vein contain >90% quartz>> py min					121.00	122.00	1.00	335868	0.009				
<<Vein: 122.6 - 122.65: Quartz vein contain >90% quartz>> unmineralized					122.00	123.00	1.00	335869	0.0025				
<<Vein: 125.42 - 125.45: Quartz vein contain >90% quartz>> mas py min					123.00	124.00	1.00	335870	0.009				
					124.00	125.00	1.00	335871	0.006				
					125.00	126.00	1.00	335872	0.005				
					126.00	127.00	1.00	335873	0.0025				
126.02	**126.80**	**I3C**	**Granodiorite**	**GS1**									
Fine grained granodiorite intrusion crosscutting granite. Xenolith granite clasts, pegmatitic kspar crosscutting vein.													
<<Vein: 126.02 - 126.06: Quartz vein contain >90% quartz>> unmineralized													
126.80	**127.67**	**I3A**	**Granite**	**GS2**	127.00	128.00	1.00	335874	0.0025				
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am													
<<Vein: 127.6 - 127.62: Quartz vein contain >90% quartz>> unmineralized													
127.67	**128.38**	**I1A**	**Gabbro**	**GS2**									
Green foliated gabbro/diabase with large 1-5mm chlorite altered clasts/pyroxenes deformed with foliation.													
<<Struc: 127.67 - 128.38: moderate Foliation 40 deg. >>													
					128.00	129.00	1.00	335875	0.006				
128.38	**133.92**	**I3A**	**Granite**	**GS2**	129.00	130.00	1.00	335876	0.006				
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am													
<<Vein: 131.9 - 131.91: Quartz vein contain >90% quartz>> unmineralized					130.00	131.00	1.00	335877	0.0025				
					131.00	132.00	1.00	335878	0.0025				
					132.00	133.00	1.00	335879	0.0025				

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
133.92	**136.15**	**I3B** **Tonalite**	**GS1**									
Fine grained massive grey tonalite crosscutting intrusion. Intrudes on the boundary between the larger overlying granitic intrusion and the underlying intermediate tuff. Host to a few granitic xenoliths that have been ripped up. Distinct planar contacts.												
136.15	**136.48**	**I3A** **Granite**	**GS2**									
Likely large xenolith and not a granitic intrusion cutting through "host" fine grained felsic intrusion												
136.48	**138.34**	**I3B** **Tonalite**	**GS1**									
Fine grained massive grey tonalite crosscutting intrusion. Intrudes on the boundary between the larger overlying granitic intrusion and the underlying intermediate tuff. Host to a few granitic xenoliths that have been ripped up. Distinct planar contacts.												
138.34	**139.36**	**E2T** **Intermediate Tuff**	**GS1**									
Grey intermediate lapilli tuff, same as 8.53-94.17, without lapilli component. Intruded by many small mafic intrusions, kspar aplitic veins, kspar pegmatitic veins, granite and tonalite intrusions. Weak foliation.												
<<Alt: 138.5 - 139.4: intense Biotite / moderate K-feldspar>> Potassic alteration brought in from aplitic and pegmatitic kspar veins												
<<Struc: 138.5 - 147: weak Foliation 40 deg. >>												
139.36	**139.90**	**I3A** **Granite**	**GS2**									
Granitic intrusion with boundaries parallel to host tuff's foliation.												
<<Alt: 139.4 - 146.2: moderate K-feldspar / moderate Silicification / intense Biotite>> Potassic alteration brought in from aplitic and pegmatitic kspar veinsSlight siliceous flooding from aplitic and pegmatitic veins.												
139.90	**141.00**	**E2T** **Intermediate Tuff**	**GS1**									
Grey intermediate lapilli tuff, same as 8.53-94.17, without lapilli component. Intruded by many small mafic intrusions, kspar aplitic veins, kspar pegmatitic veins, granite and tonalite intrusions. Weak foliation.												
141.00	**142.07**	**I3B** **Tonalite**	**GS2**									
Upper and lower contacts parallel to host tuff's foliation.												
142.07	**142.45**	**E2T** **Intermediate Tuff**	**GS1**									
Grey intermediate lapilli tuff, same as 8.53-94.17, without lapilli component. Intruded by many small mafic intrusions, kspar aplitic veins, kspar pegmatitic veins, granite and tonalite intrusions. Weak foliation.												
142.45	**143.10**	**I3A** **Granite**	**GS2**									
Crosscutting granite, undeformed, weak disseminated pyrite.												
143.10	**145.27**	**E2T** **Intermediate Tuff**	**GS1**									
Grey intermediate lapilli tuff, same as 8.53-94.17, without lapilli component. Intruded by many small mafic intrusions, kspar aplitic veins, kspar pegmatitic veins, granite and tonalite intrusions. Weak foliation.												

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
145.27	**146.18**	**I1A** **Gabbro**	**GS1**	146.00	147.08	1.08	335880	0.0025				
Green mafic intrusion. Fine grained ground mass, medium grained dark green pyroxenes/chlorite altered amphiboles.												
146.18	**147.08**	**E2T** **Intermediate Tuff**	**GS1**									
Grey intermediate lapilli tuff, same as 8.53-94.17, without lapilli component. Intruded by many small mafic intrusions, kspar aplitic veins, kspar pegmatitic veins, granite and tonalite intrusions. Weak foliation.												
<<Alt: 146.2 - 147: moderate Epidote / moderate K-feldspar / moderate Silicification / intense Biotite>> Potassic alteration brought in from aplitic and pegmatitic kspar veinsSlight siliceous flooding from aplitic and pegmatitic veins.												
<<Alt: 147 - 149: intense Biotite / weak Epidote>>												
				147.08	148.00	0.92	335881	0.0025				
147.08	**150.20**	**I3A** **Granite**	**GS2**	148.00	149.00	1.00	335882	0.0025				
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am												
<<Alt: 149 - 185.2: intense Biotite>>				149.00	150.20	1.20	335883	0.0025				
150.20	**150.55**	**I2B** **Quartz diorite**	**GS1**									
Crosscutting intrusion with quartz rich groundmass, foliated green chlorite and biotite.												
				150.20	151.19	0.99	335884	0.0025				
150.55	**151.19**	**I3A** **Granite**	**GS2**									
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am												
				151.19	152.00	0.81	335885	0.0025				
151.19	**152.29**	**I2B** **Quartz diorite**	**GS1**	152.00	153.00	1.00	335886	0.0025				
Crosscutting intrusion with quartz rich groundmass, foliated green chlorite and biotite.												
152.29	**160.70**	**I3A** **Granite**	**GS2**									
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am												
<<Vein: 153.1 - 153.12: Quartz vein contain >90% quartz>> unmineralized												
<<Vein: 153.8 - 153.82: Quartz vein contain >90% quartz>> py min vein that doesn't cross core axis												
				153.00	154.00	1.00	335888	0.0025				

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
160.70	**161.55**	**I3B Tonalite**	**GS2**									
Medium grained, but finer grained that surrounding granite, massive xenolithic tonalite intrusion.												
161.55	**166.50**	**I3A Granite**	**GS2**	163.00	164.00	1.00	335889	0.0025				
Medium grained grey-beige-orange granite. Interval is largely undeformed. Mineral assemblage is dominated by plagioclase, kspar, quartz, biotite and trace pyrite. Plagioclase crystals are beige and slightly subhedral, quartz is light grey and typically am				164.00	165.00	1.00	335890	0.0025				
				165.00	166.00	1.00	335891	0.0025				
				166.00	167.00	1.00	335892	0.0025				
166.50	**170.40**	**I3B Tonalite**	**GS1**	167.00	168.00	1.00	335893	0.0025				
Dark grey fine grained quartz rich rock. Some subhedral fine to medium white/beige plagioclase crystals throughout. Weakly foliated chlorite and biotite define rock fabric. Textural relationship with surrounding granitoid unclear, would appear to be cross												
<<Min: 166.5 - 170.4: 2% pyrite>> Increased fine grained pyrite mineralization				168.00	169.00	1.00	335894	0.0025				
<<Vein: 169 - 169.01: Quartz vein contain >90% quartz>> Low angle potassic altered QV or Q rich pegmatite vein with py min				169.00	170.00	1.00	335895	0.0025				
				170.00	171.00	1.00	335896	0.0025				
170.40	**178.63**	**I3C Granodiorite**	**GS2**									
Beige-orange-grey medium grained granodiorite. Becomes more foliated with depth, bands of biotite rich pulses with fine disseminated epidote, weak quartz veining, crosscut by a few aplitic and pegmatitic kspar veins. Fine disseminated pyrite.												
<<Min: 171 - 171.3: 10% pyrite>> Associated with siliceous flooding												
<<Vein: 173.5 - 173.53: Quartz vein contain >90% quartz>> Grey, vitreous, unmineralized												
<<Vein: 174.65 - 174.67: Quartz vein contain >90% quartz>> Unmineralized												
				171.00	172.00	1.00	335897	0.0025				
				172.00	173.00	1.00	335898	0.0025				
				173.00	174.00	1.00	335899	0.0025				
				174.00	175.00	1.00	335900	0.0025				
178.63	**178.97**	**I2H Syenite**	**GS3**									
Kspar pegmatitic vein/intrusion.												
178.97	**188.95**	**I3C Granodiorite**	**GS2**									
Beige-orange-grey medium grained granodiorite. Becomes more foliated with depth, bands of biotite rich pulses with fine disseminated epidote, weak quartz veining, crosscut by a few aplitic and pegmatitic kspar veins. Fine disseminated pyrite.												

Hole: PAC-19-011

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 187 - 192.6: intense Biotite>>												
<<Struc: 186 - 201: weak Foliation 25 deg. >>												
188.95	**189.61**	**I2H**	**Syenite**	**GS3**								
Kspar pegmatitic vein/intrusion.												
189.61	**201.00**	**I3C**	**Granodiorite**	**GS2**								
Beige-orange-grey medium grained granodiorite. Becomes more foliated with depth, bands of biotite rich pulses with fine disseminated epidote, weak quartz veining, crosscut by a few aplitic and pegmatitic kspar veins. Fine disseminated pyrite.												
<<Alt: 195.25 - 198.2: intense Biotite>>												
<<Alt: 200.6 - 201: strong Biotite>>												
End of Hole @ 201												

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-012

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-11-29	**Core Size:**	NQ
UTM East:	439227.6681	**Azimuth:**	160	**Date Completed:**	2019-12-02	**Casing Pulled?:**	☐
UTM North:	5646543.765	**Dip:**	-50.3	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	390.31	**Length (m):**	300	**Drill Rig:**		**Casing Depth (m):**	6
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
6	Reflex			-50.3	159.9			56872	☑	
9	Reflex			-50.3	159.8			56816	☑	
12	Reflex			-50.2	160			56862	☑	
18	Reflex			-50.2	160.3			56772	☑	
24	Reflex			-50.1	160.2			56617	☑	
27	Reflex			-50.1	160.7			56750	☑	
30	Reflex			-50	160.6			56686	☑	
33	Reflex			-50	160.7			56781	☑	
36	Reflex			-49.9	161			56758	☑	
39	Reflex			-49.9	160.8			56755	☑	
42	Reflex			-49.8	160.9			56811	☑	
45	Reflex			-49.8	161			56794	☑	
48	Reflex			-49.8	161.3			56803	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	Reflex			-49.7	160.8			56861	☑	
57	Reflex			-49.7	160.9			56747	☑	
60	Reflex			-49.7	160.9			56858	☑	
63	Reflex			-49.7	160.9			56769	☑	
66	Reflex			-49.7	161.1			56752	☑	
69	Reflex			-49.6	161.2			56700	☑	
72	Reflex			-49.6	161.3			56747	☑	
75	Reflex			-49.6	161.2			56515	☑	
78	Reflex			-49.6	161.4			56835	☑	
81	Reflex			-49.6	161.1			56803	☑	
84	Reflex			-49.5	161.1			56820	☑	
87	Reflex			-49.5	161.5			56871	☑	
90	Reflex			-49.5	160.9			56778	☑	
93	Reflex			-49.4	161.1			56725	☑	
96	Reflex			-49.4	161			56742	☑	
99	Reflex			-49.4	161.3			56764	☑	
102	Reflex			-49.4	161.1			56782	☑	
105	Reflex			-49.3	161.2			56790	☑	
108	Reflex			-49.3	161.4			56851	☑	
111	Reflex			-49.2	161.3			56916	☑	
114	Reflex			-49.2	161.5			56887	☑	
117	Reflex			-49.1	161.7			56970	☑	
120	Reflex			-49.1	161.5			56913	☑	
123	Reflex			-49.1	161.6			56978	☑	

Hole: PAC-19-012

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
126	Reflex			-49	161.3			56970	☑	
129	Reflex			-49	161.5			56923	☑	
132	Reflex			-49	161.5			56916	☑	
135	Reflex			-49	161.4			56815	☑	
138	Reflex			-49	161.6			56958	☑	
141	Reflex			-48.9	161.3			56895	☑	
144	Reflex			-49	161.2			56910	☑	
147	Reflex			-48.9	161.5			56786	☑	
150	Reflex			-48.8	161.3			56694	☑	
153	Reflex			-48.9	161.7			56615	☑	
156	Reflex			-48.9	162			56707	☑	
159	Reflex			-48.8	161.9			56925	☑	
165	Reflex			-48.8	161.9			56700	☑	
168	Reflex			-48.7	161.6			56801	☑	
171	Reflex			-48.7	161.7			56635	☑	
177	Reflex			-48.7	161.7			56694	☑	
180	Reflex			-48.6	162			56546	☑	
183	Reflex			-48.6	161.9			56771	☑	
186	Reflex			-48.6	161.8			56697	☑	
189	Reflex			-48.6	162			56575	☑	
195	Reflex			-48.6	161.7			56647	☑	
201	Reflex			-48.5	161.5			56673	☑	
204	Reflex			-48.5	161.4			56624	☑	
207	Reflex			-48.5	161.8			56777	☑	

Hole: PAC-19-012

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
210	Reflex			-48.5	161.7			56708	☑	
222	Reflex			-48.5	161.7			57079	☑	
225	Reflex			-48.4	161.7			56799	☑	
228	Reflex			-48.4	161.6			56832	☑	
231	Reflex			-48.4	161.8			56688	☑	
234	Reflex			-48.4	161.9			56705	☑	
237	Reflex			-48.3	162.2			56783	☑	
240	Reflex			-48.3	162.1			56643	☑	
243	Reflex			-48.3	161.7			56625	☑	
246	Reflex			-48.3	161.6			56674	☑	
249	Reflex			-48.3	162.1			56758	☑	
252	Reflex			-48.3	162.2			56763	☑	
255	Reflex			-48.2	162.1			56739	☑	
258	Reflex			-48.2	162.3			56730	☑	
261	Reflex			-48.2	162.2			56710	☑	
264	Reflex			-48.2	162.5			56785	☑	
267	Reflex			-48.2	162.5			56671	☑	
270	Reflex			-48.2	162.3			56743	☑	
273	Reflex			-48.2	162.2			56693	☑	
276	Reflex			-48.2	162.4			56635	☑	
279	Reflex			-48.2	162.5			56703	☑	
282	Reflex			-48.1	162.1			56639	☑	
285	Reflex			-48.1	162.3			56936	☑	
288	Reflex			-48.2	162.4			56954	☑	

Hole: PAC-19-012

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
294	Reflex			-48.1	161.9			56961	☑	
297	Reflex			-48	161.9			56889	☑	
300	Reflex			-48	161.9			57003	☑	

Hole: PAC-19-012

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.85**	**OB Overburden**									
3.85	**11.50**	**E2T Intermediate Tuff GS3**									
Grey intermediate lapilli tuff with brown-grey-beige deformed and tortured clasts. Clasts appear felsic with euhedral cream plagioclase crystals. Alteration moving through parts of interval gives the rock a brecciated look. Very weak quartz veining with p											
<<Alt: 7.5 - 8.9: moderate K-feldspar>> Kspar in fractures and altering quartz veins.											
<<Alt: 8.9 - 9.15: complete Epidote / moderate K-feldspar>> Low degree of certainty that it's epidote. Green bleaching.Kspar in fractures and altering quartz veins.											
<<Alt: 9.15 - 19: moderate K-feldspar>> Kspar in fractures and altering quartz veins.											
<<Vein: 9.6 - 9.63: Quartz vein contain >90% quartz>> Weak py min, kspar alteration											
<<Struc: 4 - 46.74: weak Foliation 30 deg. >>											
			8.70	11.00	2.30	335902	0.0025				
			11.00	13.00	2.00	335903	0.0025				
11.50	**11.85**	**I1B Diabase GS1**									
Fine grained green intrusion. Crosscuts tuff, parallel planar contacts.											
11.85	**34.89**	**E2T Intermediate Tuff GS3**	13.00	15.00	2.00	335904	0.0025				
Grey intermediate lapilli tuff with brown-grey-beige deformed and tortured clasts. Clasts appear felsic with euhedral cream plagioclase crystals. Alteration moving through parts of interval gives the rock a brecciated look. Very weak quartz veining with p											
<<Min: 25.85 - 26.3: 2% pyrite>>			15.00	17.00	2.00	335905	0.0025				
<<Min: 29.2 - 29.21: 0.5% arsenopyrite>>			17.00	19.00	2.00	335906	0.0025				
<<Min: 29.3 - 30: 2% pyrite>>			19.00	21.00	2.00	335907	0.0025				
<<Min: 34 - 35: 2% chalcopyrite>>			21.00	23.00	2.00	335908	0.011				
<<Alt: 25.5 - 29.6: weak K-feldspar>> Kspar in fractures and altering quartz veins.			23.00	25.00	2.00	335909	0.0025				
<<Alt: 34.3 - 35.3: weak K-feldspar>> Kspar in fractures and altering quartz veins.			25.00	27.00	2.00	335910	0.0025				
<<Vein: 14.3 - 14.31: Quartz vein contain >90% quartz>> No min, weak epidote alt			27.00	28.40	1.40	335911	0.0025				
<<Vein: 18.4 - 18.43: Quartz vein contain >90% quartz>> Pegmatic quartz vein with kspar, weak py min			28.40	29.00	0.60	335912	0.0025				
<<Vein: 22.4 - 22.41: Quartz vein contain >90% quartz>> Py min with cl alteration			29.00	29.60	0.60	335913	0.0025				
<<Vein: 23.4 - 23.42: Quartz vein contain >90% quartz>> Weak py min, kspar alteration			29.60	30.20	0.60	335914	0.0025				
<<Vein: 23.8 - 23.83: Quartz vein contain >90% quartz>> Weak py min			30.20	32.00	1.80	335915	0.0025				
<<Vein: 23.95 - 23.96: Quartz vein contain >90% quartz>> Weak py min			32.00	34.00	2.00	335916	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 26.04 - 26.05: Quartz vein contain >90% quartz>> Py min with kspar alteration				34.00	35.00	1.00	335917	0.006				
<<Vein: 29.2 - 29.21: Quartz vein contain >90% quartz>> 0.3cm quartz vein with arsenopyrite												
<<Vein: 29.45 - 29.46: Quartz vein contain >90% quartz>> Py min with kspar alteration												
<<Vein: 34.75 - 34.76: Quartz vein contain >90% quartz>> Py min with kspar alteration												
34.89	**35.80**	**I3A**	**Granite**	**GS2**								
Small granite intrusion on contact between upper tuff and lower granodiorite.												
35.80	**38.57**	**I3C**	**Granodiorite**	**GS2**								
Grey with minor orange massive medium grained granodiorite. Very weak foliation exemplified by fine to medium grained biotite. Fine chlorite in association with biotite. Felsic groundmass is equal part amorphous light grey quartz and subhedral plagioclase												
38.57	**38.78**	**I3B**	**Tonalite**	**GS1**								
Finer grained tonalite intrusion, distinct increase in pyrite mineralization, contacts are planar but not planar. Disseminated epidote and garnet.												
<<Min: 38.57 - 38.78: 2% pyrite>>												
38.78	**43.08**	**I3C**	**Granodiorite**	**GS2**								
Grey with minor orange massive medium grained granodiorite. Very weak foliation exemplified by fine to medium grained biotite. Fine chlorite in association with biotite. Felsic groundmass is equal part amorphous light grey quartz and subhedral plagioclase												
<<Vein: 41.1 - 41.13: Quartz vein contain >90% quartz>> Unmineralized pegmatic quartz vein with kspar margins.												
43.08	**46.74**	**E2T**	**Intermediate Tuff**	**GS1**								
Grey-green fine grained ash dominated tuff, weakly foliated. Upper contact is in a fractured zone.												
46.74	**52.55**	**I3C**	**Granodiorite**	**GS2**								
Grey with minor orange massive medium grained granodiorite. Very weak foliation exemplified by fine to medium grained biotite. Fine chlorite in association with biotite. Felsic groundmass is equal part amorphous light grey quartz and subhedral plagioclase												
<<Alt: 47 - 66: moderate K-feldspar>>												
52.55	**53.71**	**I3C**	**Granodiorite**	**GS1**								
Grey with lesser orange fine grained granodiorite intrusion crosscutting coarse grained granodiorite intrusion. Upper contact is slightly faulted and offset.												
53.71	**56.77**	**I3C**	**Granodiorite**	**GS2**								
Grey with minor orange massive medium grained granodiorite. Very weak foliation exemplified by fine to medium grained biotite. Fine chlorite in association with biotite. Felsic groundmass is equal part amorphous light grey quartz and subhedral plagioclase												

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
56.77	**57.73**	**I3B**	**Tonalite**	**GS2**									
Grey-beige crosscutting tonalite intrusion, slightly finer grained and less mafic than surrounding granitoid. Amorphous quartz.													
57.73	**58.81**	**I3C**	**Granodiorite**	**GS2**									
Grey with minor orange massive medium grained granodiorite. Very weak foliation exemplified by fine to medium grained biotite. Fine chlorite in association with biotite. Felsic groundmass is equal part amorphous light grey quartz and subhedral plagioclase													
					58.81	60.00	1.19	335918	0.0025				
58.81	**61.62**	**E2T**	**Intermediate Tuff**	**GS1**	60.00	61.00	1.00	335919	0.0025				
As 66.22 and beyond interval, patchy disseminated pyrite.													
<<Vein: 61.25 - 61.26: Quartz vein contain >90% quartz>> Fine euhedral white plag crystals mixed in					61.00	62.00	1.00	335920	0.0025				
<<Vein: 61.4 - 61.41: Quartz vein contain >90% quartz>> Fine euhedral white plag crystals mixed in													
61.62	**66.20**	**I3C**	**Granodiorite**	**GS2**									
Grey with minor orange massive medium grained granodiorite. Very weak foliation exemplified by fine to medium grained biotite. Fine chlorite in association with biotite. Felsic groundmass is equal part amorphous light grey quartz and subhedral plagioclase													
66.20	**76.35**	**E2T**	**Intermediate Tuff**	**GS1**									
Dark grey-blue intermediate volcanic. No distinct tuffaceous texture. Amorphous recrystalized quartz, mottle deformed patches of biotite and chlorite. Fine grained tabular/needle mineral disseminated throughout interval, unidentified, clear, vitreous, lus													
<<Min: 75.5 - 76.35: 2% pyrite>>													
76.35	**78.76**	**I3B**	**Tonalite**	**GS2**									
Crosscutting grey tonalite intrusion with biotite and chlorite interstitial to quartz and plag matrix.													
78.76	**83.08**	**E2T**	**Intermediate Tuff**	**GS1**									
Dark grey-blue intermediate volcanic. No distinct tuffaceous texture. Amorphous recrystalized quartz, mottle deformed patches of biotite and chlorite. Fine grained tabular/needle mineral disseminated throughout interval, unidentified, clear, vitreous, lus													
83.08	**87.57**	**I3B**	**Tonalite**	**GS2**									
Grey crosscutting tonalite intrusion on boundary and obscuring contact between a. massive textureless suspected tuff and b. intermediate lapilli tuff. Fine disseminated epidote. Very weak foliation.													
<<Min: 87.5 - 88.5: 2% pyrite>>													

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From (m)	To (m)		Rock Type & Description	
87.57	**99.93**	**E2T**	**Intermediate Tuff**	**GS3**

Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.

<<Alt: 89.5 - 94: weak Epidote>> Epidote alteration in select fractures with halo alteration

<<Alt: 94 - 98.5: moderate K-feldspar / weak Epidote>> Excluding kspar from instrusions and aplitic veins, we still see quartz veins in interval with kspar and kspar altered clasts in tuff.Epidote alteration in select fractures with halo alteration

<<Alt: 98.5 - 116.5: moderate K-feldspar>> Excluding kspar from instrusions and aplitic veins, we still see quartz veins in interval with kspar and kspar altered clasts in tuff.

<<Struc: 89 - 109.5: weak Foliation 25 deg. >>

From (m)	To (m)		Rock Type & Description	
99.93	**101.12**	**I3A**	**Granite**	**GS2**

Grey and orange medium grained crosscutting granitic intrusion. Equigranular crystalline matrix. Undeformed interval.

From (m)	To (m)		Rock Type & Description	
101.12	**104.40**	**E2T**	**Intermediate Tuff**	**GS3**

Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.

<<Min: 104.1 - 106: 2% pyrite>>

From (m)	To (m)		Rock Type & Description	
104.40	**104.72**	**I3C**	**Granodiorite**	**GS2**

Grey with lesser orange medium grained granodiorite, disseminated fine grained pyrite.

From (m)	To (m)		Rock Type & Description	
104.72	**111.65**	**E2T**	**Intermediate Tuff**	**GS3**

Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.

<<Vein: 104.95 - 104.96: Quartz vein contain >90% quartz>> Py min with kspar alteration

<<Vein: 105.05 - 105.08: Quartz vein contain >90% quartz>> Py min with kspar alteration

<<Struc: 109.5 - 113: moderate Foliation 30 deg. >>

From (m)	To (m)		Rock Type & Description	
111.65	**112.24**	**I1B**	**Diabase**	**GS1**

Fine to medium grained green mafic intrusion. Clear upper contact, lower contact is crosscut by small pegmatitic kspar vein. Weak foliation.

From (m)	To (m)		Rock Type & Description	
112.24	**125.50**	**E2T**	**Intermediate Tuff**	**GS3**

Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.

<<Min: 118 - 123: 2% pyrite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
98.00	100.00	2.00	335922	0.026				
100.00	102.00	2.00	335923	0.0025				
102.00	104.00	2.00	335924	0.0025				
104.00	104.75	0.75	335925	0.0025				
104.75	105.25	0.50	335926	0.027				
105.25	106.00	0.75	335927	0.0025				
106.00	107.00	1.00	335928	0.0025				
107.00	108.00	1.00	335929	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 116.5 - 121.7: weak Epidote / moderate K-feldspar>> Excluding kspar from instrusions and aplitic veins, we still see quartz veins in interval with kspar and kspar altered clasts in tuff.									
		<<Alt: 121.7 - 127.25: moderate K-feldspar>> Excluding kspar from instrusions and aplitic veins, we still see quartz veins in interval with kspar and kspar altered clasts in tuff.									
		<<Vein: 113.05 - 113.07: Quartz vein contain >90% quartz>> Quartz kspar py vein									
		<<Vein: 114.65 - 114.66: Quartz vein contain >90% quartz>> Py min and kspar alt									
		<<Vein: 115.1 - 115.12: Quartz vein contain >90% quartz>> Py min and kspar alt									
		<<Vein: 117.3 - 117.32: Quartz vein contain >90% quartz>> py min									
		<<Vein: 118.05 - 118.06: Quartz vein contain >90% quartz>> py min									
		<<Vein: 118.25 - 118.26: Quartz vein contain >90% quartz>> Py min with kspar alteration									
		<<Vein: 122.25 - 122.27: Quartz vein contain >90% quartz>> py min with strong kpsar alt									
		<<Struc: 113 - 135: weak Foliation 30 deg. >>									
			114.00	115.00	1.00	335930	0.0025				
			115.00	116.00	1.00	335931	0.0025				
			116.00	117.00	1.00	335932	0.0025				
			117.00	118.00	1.00	335933	0.0025				
			118.00	119.00	1.00	335934	0.0025				
			119.00	120.00	1.00	335935	0.0025				
			120.00	121.00	1.00	335936	0.0025				
			121.00	122.00	1.00	335937	0.0025				
			122.00	123.00	1.00	335938	0.0025				
			123.00	125.00	2.00	335939	0.0025				
			125.00	127.00	2.00	335940	0.0025				
125.50	**125.85**	**I3A1 Alkali Feldspar Granite GS2**									
		Orange crystalline medium grained alkali feldspar granite. Undeformed, crosscuts tuff.									
125.85	**128.90**	**E2T Intermediate Tuff GS3**									
		Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.									
		<<Alt: 127.25 - 135: moderate Epidote / moderate K-feldspar>> Excluding kspar from instrusions and aplitic veins, we still see quartz veins in interval with kspar and kspar altered clasts in tuff.									
			127.00	129.00	2.00	335942	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
128.90	**129.17**	**I3A** **Granite**	**GS2**									
Crosscutting orange and black granitic intrusion.												
				129.00	130.87	1.87	335943	0.0025				
129.17	**131.43**	**E2T** **Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.												
				130.87	133.00	2.13	335944	0.006				
131.43	**131.75**	**I3A** **Granite**	**GS2**									
Crosscutting orange and black granitic intrusion, weak foliation.												
131.75	**132.24**	**E2T** **Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.												
132.24	**132.60**	**I3A1** **Alkali Feldspar Granite**	**GS1**									
Aplitic kspar rich vein.												
132.60	**135.19**	**E2T** **Intermediate Tuff**	**GS3**	133.00	135.00	2.00	335945	0.0025				
Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.												
<<Alt: 135 - 145: moderate Epidote>>				135.00	136.00	1.00	335946	0.0025				
<<Vein: 133.5 - 133.52: Quartz vein contain >90% quartz>> Py min with kspar alteration												
135.19	**136.98**	**I1B** **Diabase**	**GS1**	136.00	137.00	1.00	335947	0.0025				
Green intrusion. Matrix is chlorite rich, weak disseminated pyrite mineralization. Lower contact is low angle and irregular. Structureless.												
136.98	**137.80**	**E2T** **Intermediate Tuff**	**GS3**									
Grey intermediate lapilli tuff. Lapillis are beige to grey, pinched and aligned with foliation, distinctly different mineralogy. Patchy fracture related epidote alteration with halos radiating outward. Crosscut by aplitic and pegmatitic kspar rich veins.												
<<Struc: 137.3 - 140.38: weak Foliation 35 deg. >>												
				137.00	138.00	1.00	335948	0.007				
137.80	**140.38**	**I1B** **Diabase**	**GS1**	138.00	139.00	1.00	335949	0.0025				
Fine grained foliated green mafic intrusion (likely). Older than surrounding coarser grained mafic intrusions, veined, altered, and deformed. Epidote alteration associated with foliation and fractures. Multiple small kspar rich aplitic and pegmatitic vein												
				139.00	140.00	1.00	335950	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			140.00	141.00	1.00	335951	0.005				
140.38	**140.70**	**I3A Granite GS3** Quartz dominated pegmatitic vein.									
140.70	**141.27**	**I2H Syenite GS1** Kspar rich aplitic vein on contact between fine grained mafic intrusion and medium grained mafic intrusion.									
141.27	**141.55**	**I1B Diabase GS1** Fine grained foliated green mafic intrusion (likely). Older than surrounding coarser grained mafic intrusions, veined, altered, and deformed. Epidote alteration associated with foliation and fractures. Multiple small kspar rich aplitic and pegmatitic vein									
141.55	**143.43**	**I1A Gabbro GS2** Medium grained mafic intrusion. Young, unaltered, unintruded, largely undeformed.									
143.43	**145.10**	**I1B Diabase GS1** Fine grained foliated green mafic intrusion (likely). Older than surrounding coarser grained mafic intrusions, veined, altered, and deformed. Epidote alteration associated with foliation and fractures. Multiple small kspar rich aplitic and pegmatitic vein <<Min: 144.6 - 145.2: 2% pyrite>> <<Vein: 144.8 - 144.83: Quartz vein contain >90% quartz>> Py min and kspar alt									
145.10	**149.31**	**I3A Granite GS2** Orange-grey-black granitic intrusion. Crosscut by many kspar rich aplitic veins/pulses. Very weak foliation, biotite weakly aligned. Disseminated pyrite mineralization. Patchy weak magnetism. Competent interval. Weak quartz veining with pyrite mineralizat <<Vein: 148.4 - 148.43: Quartz vein contain >90% quartz>> Quartz veining/quartz component in pegmatitic intrusion									
149.31	**150.23**	**I1A Gabbro GS2** Green chlorite rich mafic intrusion. Porphyritic texture, large equant anhedral crystals making up ~30% of interval. Crystals are chlorite altered, larger crystals have cores with remnants of original mineral. Original mineral is crystalline, dark brown-d									
150.23	**151.45**	**I3A Granite GS2** Orange-grey-black granitic intrusion. Crosscut by many kspar rich aplitic veins/pulses. Very weak foliation, biotite weakly aligned. Disseminated pyrite mineralization. Patchy weak magnetism. Competent interval. Weak quartz veining with pyrite mineralizat <<Vein: 150.55 - 150.58: Quartz vein contain >90% quartz>> Quartz veining/quartz component in pegmatitic intrusion									

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
151.45	**153.25**	**I1A**	**Gabbro**	**GS2**									
Green chlorite rich mafic intrusion. Porphyritic texture, large equant anhedral crystals making up ~30% of interval. Crystals are chlorite altered, larger crystals have cores with remnants of original mineral. Original mineral is crystalline, dark brown-d													
153.25	**157.77**	**I3A**	**Granite**	**GS2**									
Orange-grey-black granitic intrusion. Crosscut by many kspar rich aplitic veins/pulses. Very weak foliation, biotite weakly aligned. Disseminated pyrite mineralization. Patchy weak magnetism. Competent interval. Weak quartz veining with pyrite mineralizat													
157.77	**158.90**	**I1A**	**Gabbro**	**GS2**									
As above, less porphyritic, smaller green crystals.													
158.90	**159.21**	**I3A**	**Granite**	**GS2**									
Orange-grey-black granitic intrusion. Crosscut by many kspar rich aplitic veins/pulses. Very weak foliation, biotite weakly aligned. Disseminated pyrite mineralization. Patchy weak magnetism. Competent interval. Weak quartz veining with pyrite mineralizat													
159.21	**160.80**	**I1A**	**Gabbro**	**GS2**									
As above, less porphyritic, smaller green crystals, crosscut by younger granitic intrusion.													
160.80	**168.84**	**I3A**	**Granite**	**GS2**									
Orange-grey-black granitic intrusion. Crosscut by many kspar rich aplitic veins/pulses. Very weak foliation, biotite weakly aligned. Disseminated pyrite mineralization. Patchy weak magnetism. Competent interval. Weak quartz veining with pyrite mineralizat													
168.84	**173.45**	**I3B**	**Tonalite**	**GS2**									
Fine to medium grained white-grey-black tonalite. Mostly competent interval, unfoliated or very weak, massive. Local disseminated epidote alteration. Slight variability in grain size and modal biotite/chlorite amounts through interval.													
173.45	**174.28**	**I3A**	**Granite**	**GS2**									
Small orange and black granitic intrusion, or interval with kspar veining altering felsic groundmass giving the appearance of a different litho, grain size does seem to change though.													
174.28	**220.20**	**I3B**	**Tonalite**	**GS2**									
Fine to medium grained white-grey-black tonalite. Mostly competent interval, unfoliated or very weak, massive. Local disseminated epidote alteration. Slight variability in grain size and modal biotite/chlorite amounts through interval.													
<<Min: 220 - 221: 2% pyrite>>													
<<Alt: 193 - 195: weak Epidote>>													
<<Alt: 195 - 209: weak Epidote / moderate K-feldspar>> Weak kspar alteration of select plagioclase crystals throughout interval													

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 209 - 211: moderate Epidote / moderate K-feldspar>> Weak kspar alteration of select plagioclase crystals throughout interval										
		<<Alt: 211 - 250: weak Epidote / moderate K-feldspar>> Weak kspar alteration of select plagioclase crystals throughout interval										
		<<Vein: 197.07 - 197.14: Quartz vein contain >90% quartz>> Bull white qv with no min										
				196.00	197.00	1.00	335952	0.0025				
				197.00	197.30	0.30	335953	0.006				
				197.30	198.30	1.00	335954	0.0025				
				218.00	219.00	1.00	335955	0.006				
				219.00	220.00	1.00	335956	0.0025				
				220.00	220.50	0.50	335957	0.014				
220.20	**220.75**	**I1B** **Diabase**	**GS1**									
		Fine grained green intrusion. Does not crosscut core axis, catches side of core for entire interval. Fracture related epidote alteration and pyrite mineralization, host to small pegmatitic quartz/kspar vein.										
		<<Vein: 220.27 - 220.3: Quartz vein contain >90% quartz>> QV and kspar pegmatite vein, unmineralized										
				220.50	221.00	0.50	335958	0.006				
220.75	**222.42**	**I3B** **Tonalite**	**GS2**	221.00	222.00	1.00	335959	0.0025				
		Fine to medium grained white-grey-black tonalite. Mostly competent interval, unfoliated or very weak, massive. Local disseminated epidote alteration. Slight variability in grain size and modal biotite/chlorite amounts through interval.										
222.42	**224.63**	**I2H** **Syenite**	**GS1**									
		Kspar rich aplitic vein. Coarser grained upper contact.										
224.63	**250.77**	**I3B** **Tonalite**	**GS2**	250.75	252.50	1.75	335960	0.005				
		Fine to medium grained white-grey-black tonalite. Mostly competent interval, unfoliated or very weak, massive. Local disseminated epidote alteration. Slight variability in grain size and modal biotite/chlorite amounts through interval.										
		<<Alt: 250 - 250.77: moderate K-feldspar>> Weak kspar alteration of select plagioclase crystals throughout interval										
250.77	**256.07**	**I3C** **Granodiorite**	**GS2**	252.50	254.50	2.00	335962	0.007				
		Medium grained beige and grey granodiorite. Distinctly coarser grained than overlying tonalite intrusion Mineral assemblage is dominated by subhedral off white plagioclase crystals, amorphous grey quartz, undeformed black biotite, trace disseminated pyrit										
		<<Alt: 250.77 - 265: strong K-feldspar>>		254.50	256.07	1.57	335963	0.0025				
		<<Vein: 251 - 252: Quartz vein contain >90% quartz>> Vitreous light grey quartz veins with weak py min										
		<<Vein: 255 - 262: Quartz vein contain >90% quartz>> zone of 2% 1-6 cm qz+-py transparent to grey veins										

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				256.07	258.00	1.93	335964	0.0025				
256.07	**256.66**	**I2B** **Quartz diorite**	**GS2**									
Light grey-green, mediumm grained, with 15% qz and 10% chloritized biotite. Crosscut by common <15cm kspar dominated pegmatitic dykes crosscutting main foliation												
256.66	**262.03**	**I3C** **Granodiorite**	**GS2**	258.00	259.50	1.50	335965	0.0025				
Light beige, same unit as granodiorite above. Crosscut by common <5cm discordant kfds dykes and 1-3% <10cm qz-py-mt white-blueish veins.												
<<Struc: 257.5 - 257.51: weak Foliation 50 deg. >>				259.50	261.00	1.50	335966	0.006				
				261.00	262.00	1.00	335967	0.0025				
				262.00	263.00	1.00	335968	0.0025				
262.03	**262.50**	**I1B** **Diabase**	**GS1**									
Dark green, fine to medium grained strongly chloritized mafic intrusive, trace <1mm disseminated pyrite in foliaiton parallel <3mm bands												
<<Min: 262.03 - 262.5: 2% pyrite>>												
262.50	**268.93**	**I3C** **Granodiorite**	**GS2**	263.00	264.50	1.50	335969	0.0025				
Pinkish-beige, with fracure-controlled hematization and rare late <2cm kfds coarse grained dykes. 1-3% 1-2 cm foliation parallel qz+-py veins and rare <10 cm qz-py-mt veins with faulted contacts (slickenlines)												
<<Vein: 262.5 - 268.93: Quartz vein contain >90% quartz>> zone of 2% 1-6 cm qz+-py transparent to grey veins				264.50	266.00	1.50	335970	0.0025				
				266.00	267.50	1.50	335971	0.0025				
				267.50	268.93	1.43	335972	0.0025				
268.93	**270.57**	**I1B** **Diabase**	**GS1**									
Dark green, chlorite-carbonate undeformed dyke with chill margins												
				268.93	270.57	1.64	335973	0.0025				
				270.57	271.57	1.00	335974	0.0025				
270.57	**273.24**	**I3C** **Granodiorite**	**GS2**	271.57	273.24	1.67	335975	0.0025				
Pinkish beige, with pervasive but weak kspar alteration. 5% <4 cm qz+- py veins crosscutting foliation, with trace disseminated epidote-py <2mm grains												
<<Vein: 270.6 - 272.15: Quartz vein contain >90% quartz>> zone of 5% 1-6 cm qz+-py transparent to grey veins												
273.24	**277.00**	**I2A** **Diorite**	**GS2**									
Dark green, with moderate epidote alteration (fracture controlled and in <2cm blebs). 20% biotite-chlorite, rare drusy qz-ep-py <3 cm veins.												
<<Alt: 273.24 - 277.25: moderate Epidote>>												

Hole: PAC-19-012

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				273.24	275.26	2.02	335976	0.0025				
				275.26	277.26	2.00	335977	0.0025				
277.00	**283.75**	**I3C Granodiorite**	**GS2**	277.26	279.00	1.74	335978	0.0025				
Pinkish-beige, with very rare <2 cm kfds dyke, weak chloritization in <1 cm clots that account for <5% of unit.												
				279.00	280.50	1.50	335979	0.0025				
				280.50	282.00	1.50	335980	0.0025				
				282.00	283.00	1.00	335982	0.0025				
				283.00	284.40	1.40	335983	0.0025				
283.75	**284.47**	**I2B Quartz diorite**	**GS1**	284.40	285.50	1.10	335984	0.0025				
Grey, with 20% chlorite in foliation parallel <2 mm bands. Overall less potassic (or hematitic) and more chloritic altered band than unit above												
284.47	**284.68**	**I1B Diabase**	**GS1**									
Dark green, very weak fabric with common epidote-pyrite <2 cm blebs and 10% unoriented mg-cg chlorite-biotite												
284.68	**285.48**	**I3C Granodiorite**	**GS2**									
Pinkish-beige, with very rare <2 cm kfds dyke, weak chloritization in <1 cm clots that account for <5% of unit.												
285.48	**286.72**	**I2A Diorite**	**GS2**	285.50	286.72	1.22	335985	0.0025				
Dark green, with moderate epidote alteration (fracture controlled and in <2cm blebs). 20% biotite-chlorite, rare drusy qz-ep-py <3 cm veins.												
				286.72	290.22	3.50	335986	0.0025				
286.72	**287.88**	**I2B Quartz diorite**	**GS1**									
Dark grey, with 15% chloritized biotite, weakly foliated, intruded by late 15 cm kfds-qz pegmatitic dyke												
287.88	**289.54**	**I3C Granodiorite**	**GS2**									
Grey-beige with 10% chloritized biotite, weak pervasive kspar/hem alteration. Weak fabric, no sulphides												
289.54	**290.22**	**I1B Diabase**	**GS1**									
Green, heterogenous unit dominated by chlorite - epidote - pyrite - carbonate dyke with minor granodiorite. Overall 3% euhdral pyrite.												
<<Min: 289.59 - 290.22: 2% pyrite>>												
290.22	**300.00**	**I3C Granodiorite**	**GS2**									
Grey-beige with 10% chloritized biotite, weak pervasive kspar/hem alteration. Weak fabric, no sulphides												
<<Struc: 295.1 - 295.11: weak Foliation 50 deg. >>												

Hole: PAC-19-012

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 300

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-013

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-12-03	**Core Size:**	NQ
UTM East:	439320	**Azimuth:**	164	**Date Completed:**	2019-12-06	**Casing Pulled?:**	☐
UTM North:	5646583	**Dip:**	-51.5	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	396.19	**Length (m):**	300	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☐

Comments:
Testing Goldbraee 1988 trenches at depth. First hole logged by Mireille Pelletier on this project

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	Reflex			-51.4	164.5			58307	☑	
6	Reflex			-51.3	164.9			57475	☑	
9	Reflex			-51.2	165.5			57373	☑	
12	Reflex			-51.1	165.7			57008	☑	
15	Reflex			-51	166.1			56870	☑	
18	Reflex			-51	166.3			56823	☑	
21	Reflex			-50.9	166.2			56765	☑	
24	Reflex			-50.8	166.1			56757	☑	
27	Reflex			-50.7	166.6			56736	☑	
30	Reflex			-50.7	166.4			56738	☑	
33	Reflex			-50.6	166.3			56722	☑	
36	Reflex			-50.5	166.5			56719	☑	

Hole: PAC-19-013

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
39	Reflex			-50.4	166.7			56722	☑	
42	Reflex			-50.3	166.5			56707	☑	
45	Reflex			-50.2	166.7			56772	☑	
48	Reflex			-50.2	166.6			56718	☑	
51	Reflex			-50.1	166.7			56754	☑	
54	Reflex			-50	166.6			56750	☑	
57	Reflex			-49.9	166.6			56768	☑	
60	Reflex			-49.7	166.6			56752	☑	
63	Reflex			-49.7	166.8			56767	☑	
66	Reflex			-49.6	166.8			56793	☑	
69	Reflex			-49.6	166.8			56800	☑	
72	Reflex			-49.5	166.8			56837	☑	
75	Reflex			-49.5	166.9			56812	☑	
81	Reflex			-49.4	167.1			56874	☑	
84	Reflex			-49.4	167.1			56811	☑	
87	Reflex			-49.4	167.1			56802	☑	
90	Reflex			-49.4	167.2			56823	☑	
93	Reflex			-49.3	167.3			56836	☑	
96	Reflex			-49.3	167.3			56848	☑	
99	Reflex			-49.3	167.3			56814	☑	
105	Reflex			-49.3	167.1			56800	☑	
111	Reflex			-49.2	167.3			56944	☑	
114	Reflex			-49.1	167.4			56877	☑	
120	Reflex			-49	167.2			56796	☑	

Hole: PAC-19-013

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
123	Reflex			-49	167.6			56807	☑	
126	Reflex			-49	167.4			56885	☑	
129	Reflex			-49	167.3			56865	☑	
132	Reflex			-49	167.5			56837	☑	
138	Reflex			-49	167.7			56680	☑	
141	Reflex			-48.9	167.7			56663	☑	
144	Reflex			-48.8	168			56577	☑	
147	Reflex			-48.7	167.7			56424	☑	
156	Reflex			-48.7	168.3			56926	☑	
159	Reflex			-48.7	168.2			56793	☑	
162	Reflex			-48.6	168.3			56696	☑	
165	Reflex			-48.6	168.4			56616	☑	
168	Reflex			-48.5	168.4			56651	☑	
171	Reflex			-48.5	168.2			56673	☑	
174	Reflex			-48.5	168.3			56668	☑	
177	Reflex			-48.5	167.8			56573	☑	
180	Reflex			-48.4	167.6			56827	☑	
183	Reflex			-48.4	167.6			57206	☑	
186	Reflex			-48.4	168.3			56949	☑	
189	Reflex			-48.4	167.7			56848	☑	
192	Reflex			-48.3	168			56774	☑	
195	Reflex			-48.3	168.1			56719	☑	
198	Reflex			-48.3	168.7			56655	☑	
201	Reflex			-48.3	168.7			56563	☑	

Hole: PAC-19-013

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
204	Reflex			-48.3	168.5			56613	☑	
210	Reflex			-48.3	168.8			56818	☑	
213	Reflex			-48.3	168.8			56647	☑	
216	Reflex			-48.3	168.8			56712	☑	
219	Reflex			-48.3	168.7			56606	☑	
222	Reflex			-48.3	168.7			56619	☑	
225	Reflex			-48.3	168.8			56698	☑	
228	Reflex			-48.2	169			56544	☑	
231	Reflex			-48.2	168.7			56778	☑	
234	Reflex			-48.2	169			56665	☑	
237	Reflex			-48.2	169.1			56662	☑	
240	Reflex			-48.2	169			56656	☑	
243	Reflex			-48.2	169			56744	☑	
246	Reflex			-48.2	169.1			56679	☑	
249	Reflex			-48.2	169			56683	☑	
252	Reflex			-48.2	169.3			56627	☑	
255	Reflex			-48.2	169.3			56656	☑	
258	Reflex			-48.2	169.1			56746	☑	
261	Reflex			-48.2	169.5			56704	☑	
264	Reflex			-48.2	169.3			56734	☑	
267	Reflex			-48.2	169.3			56723	☑	
270	Reflex			-48.2	169.3			56690	☑	
273	Reflex			-48.2	169.3			56800	☑	
282	Reflex			-48.1	169.6			56724	☑	

Hole: PAC-19-013

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
285	Reflex			-48	169.6			56688	☑	
288	Reflex			-48	169.5			56741	☑	
291	Reflex			-48	169.6			56650	☑	
294	Reflex			-48	169.8			56723	☑	
297	Reflex			-48	169.7			56715	☑	
300	Reflex			-48	169.9			56799	☑	

Hole: PAC-19-013

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB**	**Overburden**										
Overburden.													
3.00	**6.00**	**E2T**	**Intermediate Tuff**	**GS2**	4.00	6.00	2.00	335989	0.009				
Dark grey green lapilli tuff, matrix supported, strong foliation. Alternating fds-ser dominated and cl-bt-py <5 cm bands. Lapilli pervasively sericitized, <5cm, with 1:4 stech/flattening ratio. Matrix has 10% 1-5 mm fds phenos.													
6.00	**7.65**	**E2T**	**Intermediate Tuff**	**GS2**									
Potential intrusive with diffuse contacts. No lapilli observed, 5-8% 2-4 mm chlortie clots transposed into foliation.													
7.65	**8.38**	**I1B**	**Diabase**	**GS2**									
Fine grained, foliated chlorite-dominated dyke.													
8.38	**19.75**	**E2T**	**Intermediate Tuff**	**GS2**	15.00	16.00	1.00	335990	0.011				
Dark grey green lapilli tuff, matrix supported, strong foliation. Alternating fds-ser dominated and cl-bt-py <5 cm bands. Lapilli pervasively sericitized, <5cm, with 1:4 stech/flattening ratio. Matrix has 10% 1-5 mm fds phenos.													
<<Vein: 16.5 - 16.6: Quartz vein contain >90% quartz>> sul-hm 2mm vlet					16.00	17.00	1.00	335991	0.007				
<<Struc: 13 - 17: strong Foliation 40 deg. >>													
19.75	**23.80**	**I1**	**Mafic intrusive**	**GS1**	22.00	23.00	1.00	335992	0.006				
Light green grey, with common epidote clots and fractures. 12-15% 1-3 mm fds phenos disseminated													
<<Alt: 19.75 - 22: weak Epidote>> fracture-controlled epidote													
23.80	**30.55**	**E2T**	**Intermediate Tuff**	**GS2**									
Dark green, massive, with 5% fds phenos.													
30.55	**31.10**	**I1B**	**Diabase**	**GS1**									
Light green. Intermediate dyke crosscutting foliation.													
31.10	**36.00**	**E2T**	**Intermediate Tuff**	**GS2**	32.00	33.00	1.00	335993	0.005				
Dark green-brown. Faulted UCT. Massive, fine grained, with disseminated biotite and rare potential lapilli shadow (sericitized patch <5cm).													
<<Struc: 35 - 40: moderate Foliation 50 deg. >>													
36.00	**37.18**	**E1**	**mafic volcanics**	**GS2**									
Green. Strongly chloritized and foliated unit with 5% 2-5 mm blue qz amygdule weakly flattened/stretched													
37.18	**43.50**	**E2T**	**Intermediate Tuff**	**GS2**									
Dark green brown, with alternating qz-fds-dominated and cl-bt-dominated <3 cm bands parallel to foliation													
43.50	**45.67**	**I1B**	**Diabase**	**GS1**									
Fine grained, foliated chlorite-dominated dyke.													

Hole: PAC-19-013

From (m)	To (m)		Rock Type & Description	
45.67	**51.40**	**E1**	**mafic volcanics**	**GS2**
Green. Strongly chloritized and foliated unit with 5% 2-5 mm blue qz amygdule weakly flattened/stretched				
51.40	**53.20**	**I3C**	**Granodiorite**	**GS2**
Over 50% light grey granodiorite, strong foliation expressed by preferential alignment of chloritized biotite (5 vol%)				
53.20	**61.10**	**E2T**	**Intermediate Tuff**	**GS2**
Medium green, chloritized volcanic unit with 1-3 mm folded and transposed sericite bands. Trace qz-ep-py, transposed and boudinaged <2 cm veins. Irregular UCT				
<<Vein: 54.55 - 54.59: Quartz vein contain >90% quartz>> qz-ep-sul vuggy vein				
<<Vein: 59.83 - 59.85: Quartz vein contain >90% quartz>> boudinaged qz-py-ep				
61.10	**62.64**	**I3C**	**Granodiorite**	**GS1**
Grey. Strongly foliated felsic intrusive, with 5% qz-plag phenos and 5% vfg biotite. Contains 1-3# <2 cm foliation parallel pink-beige granite bands				
62.64	**69.30**	**E2T**	**Intermediate Tuff**	**GS2**
Medium green, chloritized volcanic unit with 1-3 mm folded and transposed sericite bands. Trace qz-ep-py, transposed and boudinaged <2 cm veins				
<<Struc: 63 - 63.5: moderate Foliation 35 deg. >>				
69.30	**71.28**	**I3C**	**Granodiorite**	**GS3**
Grey and pink, foliated. Over 80% granodiorite with late pegmatitic granitic intrusion containing trace pyrite and magnetite.				
<<Vein: 69.51 - 69.53: Quartz vein contain >90% quartz>> qz-hm-py-mt vein				
71.28	**84.77**	**E2T**	**Intermediate Tuff**	**GS1**
Dark grey-green, foliated with 5-8% cl-bt transposed blebs and potential stockwork alteration. Tr-1% <10cm foliation parallel qz-py-cpy vein and qz-hm-ep-py-mt vein/dyke(?)				
<<Vein: 80.48 - 80.52: Quartz vein contain >90% quartz>> qz-py transposed vein				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
49.00	50.00	1.00	335994	0.0025				
54.00	55.00	1.00	335995	0.009				
55.00	57.00	2.00	335996	0.0025				
57.00	59.00	2.00	335997	0.035				
59.00	61.00	2.00	335998	0.018				
62.50	64.00	1.50	335999	0.0025				
64.00	65.00	1.00	336000	0.0025				
69.30	69.81	0.51	336001	0.008				
70.30	71.00	0.70	336002	0.0025				
74.80	76.35	1.55	336003	0.0025				
80.00	81.00	1.00	336004	0.0025				
81.00	82.50	1.50	336005	0.0025				

Hole: PAC-19-013

From (m)	To (m)		Rock Type & Description	
84.77	**88.69**	**I3B**	**Tonalite**	**GS2**
Light-med grey, homogenous fine grained folited tonalite with tr-1% fg disseminated pyrite. Non magnetic				
88.69	**105.15**	**E2T**	**Intermediate Tuff**	**GS1**
Dark grey green, massive unit (potential intrusive?). Disseminated chlorite-pyrite 1-2mm blebs and tr-1% <20 cm foliation-parallel qz-kspar-ep-py-mt and py-ep-rich bands.				
<<Min: 89.7 - 89.75: 2% pyrite>>				
<<Struc: 89.3 - 89.8: weak Foliation 40 deg. >>				
105.15	**140.21**	**I3C**	**Granodiorite**	**GS2**
Grey, homogenous in grain size, with increased pink hue (hematization?) towards LCT. 10-15% chlorite overall				
<<Min: 123.25 - 123.28: 40% pyrite>> foliation parallel band				
<<Vein: 122.9 - 123: Quartz vein contain >90% quartz>> bullish qz and pyrite vein in granodiorite				
<<Struc: 105.5 - 106: moderate Foliation 45 deg. >> In granodiorite				
140.21	**149.82**	**E2T**	**Intermediate Tuff**	**GS1**
Grey, felsic to intermediate lapilli tuff, with common <30 cm clast-supported sections. Lapilli are sericitized, subangular, 2-3:1 ratio. No qtz eyes observed.				
149.82	**150.21**	**I1B**	**Diabase**	**GS3**
Chlorite green, 25% very coarse grained chlorite-biotite in very fine grained qz-fds matrix				
150.21	**162.52**	**E2T**	**Intermediate Tuff**	**GS1**
Grey, felsic to intermediate lapilli tuff, with common <30 cm clast-supported sections. Lapilli are sericitized, subangular, 2-3:1 ratio. No qtz eyes observed.				
<<Alt: 158.1 - 163: weak Epidote>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
82.50	84.00	1.50	336006	0.0025				
84.00	85.50	1.50	336007	0.0025				
85.50	86.00	0.50	336009	0.0025				
89.75	91.00	1.25	336010	0.0025				
91.00	92.50	1.50	336011	0.0025				
92.50	94.00	1.50	336012	0.008				
94.00	95.00	1.00	336013	0.0025				
103.00	104.00	1.00	336014	0.0025				
104.00	105.15	1.15	336015	0.0025				
122.50	123.50	1.00	336016	0.266				
144.00	145.50	1.50	336017	0.0025				
145.50	147.00	1.50	336018	0.0025				
155.10	156.00	0.90	336019	0.0025				
158.10	159.80	1.70	336020	0.009				
159.80	161.00	1.20	336021	0.0025				
161.00	162.50	1.50	336022	0.006				

Hole: PAC-19-013

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
162.52	**162.79**	**I1B** **Diabase**	**GS3**									
Chlorite green, 25% very coarse grained chlorite-biotite in very fine grained qz-fds matrix												
162.79	**164.00**	**E2T** **Intermediate Tuff**	**GS3**									
Grey, felsic to intermediate lapilli tuff, with common <30 cm clast-supported sections. Lapilli are sericitized, subangular, 2-3:1 ratio. No qtz eyes observed.												
164.00	**165.00**	**LC** **lost core**										
fault written on block, gypsum/halite crystals identified <<Struc: 164 - 165: weak Fault>> lost core with "crumbs" left of potential halite or other salt. Monoclinic, transparent, very soft.												
165.00	**169.21**	**E2T** **Intermediate Tuff**	**GS3**	166.50	168.00	1.50	336023	0.0025				
Grey, felsic to intermediate lapilli tuff, with common <30 cm clast-supported sections. Lapilli are sericitized, subangular, 2-3:1 ratio. No qtz eyes observed.												
<<Min: 168.05 - 168.07: 0.5% Galena>>				168.00	169.21	1.21	336024	0.0025				
<<Vein: 168.05 - 168.07: Quartz vein contain >90% quartz>> qz-cc-py-gal Sm // vein												
169.21	**170.04**	**I1B** **Diabase**	**GS3**	170.00	171.50	1.50	336025	0.0025				
Chlorite green, 25% very coarse grained chlorite-biotite in very fine grained qz-fds matrix												
170.04	**177.63**	**E2T** **Intermediate Tuff**	**GS3**									
Green-grey, 50% lapilli, polymict (sericite-dominated and unaltered), angular to rounded, 1-10cm in size. Wide (<40 cm)foliation parallel epidote-rich bands												
				171.50	173.00	1.50	336026	0.0025				
				173.00	174.50	1.50	336027	0.0025				
				174.50	176.00	1.50	336029	0.007				
				176.00	177.63	1.63	336030	0.0025				
				177.63	179.00	1.37	336031	0.0025				
177.63	**178.46**	**I1B** **Diabase**	**GS3**									
Chlorite green, 25% very coarse grained chlorite-biotite in very fine grained qz-fds matrix												
178.46	**183.08**	**E2T** **Intermediate Tuff**	**GS3**	179.00	180.50	1.50	336032	0.0025				
Green-grey, 50% lapilli, polymict (sericite-dominated and unaltered), angular to rounded, 1-10cm in size. Wide (<40 cm)foliation parallel epidote-rich bands												
				180.50	182.00	1.50	336033	0.0025				
				182.00	183.08	1.08	336034	0.0025				

Hole: PAC-19-013

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
183.08	**184.28**	**I3C**	**Granodiorite**	**GS2**									
184.28	**206.70**	**E1**	**mafic volcanics**	**GS1**									
Green, with potential hyaloclastite texture in first metre at UCT. Common epidote-qz-py blebs (pillow selvages?) and rare blue qz-py-gal <3cm foliation parallel veins and rare <12 cm qz-kspar-py dikes													
<<Min: 192.5 - 196.5: 0.5% pyrite>>													
<<Struc: 205.7 - 207: strong Foliation 45 deg. >>													
					184.28	186.23	1.95	336035	0.0025				
					186.23	188.00	1.77	336036	0.0025				
					188.00	189.50	1.50	336037	0.0025				
					189.50	191.00	1.50	336038	0.007				
					191.00	192.00	1.00	336039	0.0025				
					192.00	193.50	1.50	336040	0.0025				
					193.50	195.00	1.50	336041	0.008				
					195.00	196.50	1.50	336042	0.0025				
					196.50	198.00	1.50	336043	0.014				
					198.00	199.50	1.50	336044	0.0025				
					199.50	201.00	1.50	336045	0.0025				
					201.00	202.40	1.40	336046	0.0025				
					202.40	204.00	1.60	336047	0.007				
					204.00	205.50	1.50	336049	0.009				
					205.50	207.00	1.50	336050	0.04				
206.70	**209.00**	**I1**	**Mafic intrusive**	**GS2**									
Dark green, foliated, homogenous, with 10-15% medium grained chlorite. Whole interval crosscut by 10-15% <40 cm wide kspar-qz fg dykes cross cutting foliation													
209.00	**209.18**	**I2D**	**Monzonite**	**GS1**									
interval with 10-15% <40 cm wide fine grained kspar-qz+-py light pink intrusive bodies													
209.18	**209.82**	**I2D**	**Monzonite**	**GS1**									
209.82	**213.58**	**I2D**	**Monzonite**	**GS1**									
213.58	**214.88**	**I2D**	**Monzonite**	**GS2**									
Dark pink, homogenous, undeformed dyke. Same lithology as smaller intervals described above													

Hole: PAC-19-013

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
214.88	**220.75**	**I2D Monzonite**	**GS1**	217.45	218.00	0.55	336051	0.012				
interval with 10-15% <40 cm wide fine grained kspar-qz+-py light pink intrusive bodies												
220.75	**224.82**	**E1 mafic volcanics**	**GS1**	224.00	224.82	0.82	336052	0.0025				
Green, with potential hyaloclastite texture in <40 cm bands. Common epidote-qz-py blebs (pillow selvages?) and rare <12 cm qz-kspar-py dikes												
<<Alt: 220.75 - 224.82: weak Epidote>> potential pillow selvages												
<<Vein: 224.57 - 224.59: Quartz vein contain >90% quartz>> smokey qz-py-calcite												
224.82	**225.55**	**I3B Tonalite**	**GS2**									
Gray, similar as tonalite above although coarser grained and no recorded foliation												
225.55	**226.17**	**I2D Monzonite**	**GS1**									
interval with 10-15% <40 cm wide fine grained kspar-qz+-py light pink intrusive bodies												
226.17	**226.95**	**I1B Diabase**	**GS3**									
Dark green, very coarse grained, weak foliation. 3-5% 2-5 mmm biotite-chlorite clots												
226.95	**228.15**	**I1 Mafic intrusive**	**GS1**									
Dark green, foliated, homogenous, with 10-15% medium grained chlorite. Whole interval crosscut by 10-15% <40 cm wide kspar-qz fg dykes cross cutting foliation												
228.15	**231.41**	**E1 mafic volcanics**	**GS2**									
Green, with potential hyaloclastite texture in <40 cm bands. Common epidote-qz-py blebs (pillow selvages?) and rare <12 cm qz-kspar-py dikes												
				230.80	231.40	0.60	336053	0.009				
231.41	**232.07**	**I1B Diabase**	**GS3**									
Dark green, very coarse grained, weak foliation. 3-5% 2-5 mmm biotite-chlorite clots												
232.07	**232.70**	**I3B Tonalite**	**GS1**									
represents 25% of the interval and consists of xenoliths in the granodiorite unit												
232.70	**259.06**	**I3B Tonalite**	**GS1**									
<<Struc: 238 - 238.5: weak Foliation 50 deg. >> in coarse grained granodiorite												
<<Struc: 254 - 260: weak Foliation 40 deg. >> in coarse grained granodiorite												
				240.00	241.00	1.00	336054	0.0025				
				246.84	248.32	1.48	336055	0.0025				
				259.00	259.72	0.72	336056	0.0025				

Hole: PAC-19-013

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
259.06	**259.72**	**I2D**	**Monzonite**	**GS1**									
Dark pink, homogenous, undeformed dyke. Same lithology as smaller intervals described above													
259.72	**260.61**	**I3C**	**Granodiorite**	**GS2**									
Dominantly beinge with pinkish hue, with potassic content from weak to strong. Approx 25% of unit is f-mg grey tonalite in <2 m xenoliths.													
260.61	**261.60**	**I3C**	**Granodiorite**	**GS3**									
Over 90% bullish quartz with trace euhedral pyrite @ UCT and molybdenite in lower half of vein. LCT sub parallel TCA													
<<Min: 260.63 - 261.6: 0.5% pyrite / 0.5% Molybdenite>>													
<<Vein: 260.63 - 261.6: Quartz vein contain >90% quartz>> Over 90% bullish quartz with trace euhedral pyrite @ UCT and molybdenite in lower half of vein. LCT sub parallel TCA													
					260.63	261.17	0.54	336057	0.0025				
					261.17	261.83	0.66	336058	0.0025				
261.60	**278.16**	**I3B**	**Tonalite**	**GS1**	261.83	262.53	0.70	336059	0.009				
represents 25% of the interval and consists of xenoliths in the granodiorite unit													
<<Alt: 266.75 - 281.5: moderate K-feldspar>> Strong potassic/hematization in granite/granodiorite					266.57	267.67	1.10	336060	0.0025				
<<Vein: 273 - 277.5: Quartz vein contain >90% quartz>> In granite-granodiorite, 1-3% 1-3 cm qz veins crosscutting foliation					273.35	274.45	1.10	336061	0.0025				
					275.00	276.00	1.00	336062	0.008				
278.16	**278.36**	**I3B**	**Tonalite**	**GS1**									
represents 25% of the interval and consists of xenoliths in the granodiorite unit													
<<Struc: 278.16 - 278.36: moderate Fault>> lost core, brittle fault with no recovery over 20 cm													
278.36	**279.85**	**I3B**	**Tonalite**	**GS1**									
represents 25% of the interval and consists of xenoliths in the granodiorite unit													
					278.60	279.95	1.35	336063	0.0025				
279.85	**280.70**	**I1B**	**Diabase**	**GS3**									
Dark green, very coarse grained, weak foliation. 3-5% 2-5 mmm biotite-chlorite clots													
					280.70	282.00	1.30	336064	0.006				
280.70	**296.63**	**I3B**	**Tonalite**	**GS1**	282.00	283.00	1.00	336065	0.0025				
represents 10% of the interval and consists of xenoliths in the granodiorite unit													
<<Min: 281 - 282: 2% pyrite>>					284.00	285.00	1.00	336066	0.0025				
<<Min: 285.1 - 285.2: 0.5% pyrite / 0.5% Molybdenite>> Pyrite magnetite and trace moly in qz vein					285.00	286.00	1.00	336067	0.0025				

Hole: PAC-19-013

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 280.7 - 287.5: Quartz vein contain >90% quartz>> In granite-granodiorite, 1-3% 1-3 cm qz-ep-py-mt veins crosscutting foliation				292.00	293.05	1.05	336069	0.0025				
<<Struc: 293.55 - 294.12: Shear / mylonitic foliation 15 deg. >> Zone where pervasive foliation swerves from the "normal" 50 TCA to 15 TCA				293.05	294.15	1.10	336070	0.0025				
296.63	**297.15**	**I1B**	**Diabase**	**GS2**								
Dark green, very coarse grained, weak foliation. 3-5% 2-5 mmm biotite-chlorite clots												
297.15	**300.00**	**I3B**	**Tonalite**	**GS1**								
represents 10% of the interval and consists of xenoliths in the granodiorite unit												

End of Hole @ 300

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-014

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-12-06	**Core Size:**	NQ
UTM East:	439415.2971	**Azimuth:**	166	**Date Completed:**	2019-12-09	**Casing Pulled?:**	☐
UTM North:	5646569.782	**Dip:**	-52.4	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	396	**Length (m):**	300	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	Reflex			-51.6	165.8			58607	☑	
3	Reflex			-51.7	165.6			58627	☑	
6	Reflex			-51.6	167.1			57726	☑	
9	Reflex			-51.3	166.9			57219	☑	
12	Reflex			-51.4	167.6			56984	☑	
18	Reflex			-51.2	167.4			56694	☑	
27	Reflex			-51	168.7			56725	☑	
30	Reflex			-50.9	168.1			56889	☑	
33	Reflex			-50.9	168.8			56934	☑	
36	Reflex			-50.8	168.7			56676	☑	
39	Reflex			-50.7	168.8			56600	☑	
42	Reflex			-50.8	168.4			56836	☑	
45	Reflex			-50.7	169			56749	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
48	Reflex			-50.6	169.2			56724	☑	
51	Reflex			-50.6	169			56679	☑	
54	Reflex			-50.6	169.6			56817	☑	
57	Reflex			-50.5	169.3			56860	☑	
60	Reflex			-50.4	169.7			56670	☑	
63	Reflex			-50.3	169.3			56756	☑	
66	Reflex			-50.3	169.8			56745	☑	
69	Reflex			-50.2	169.5			56776	☑	
72	Reflex			-50.2	169.7			56700	☑	
75	Reflex			-50.2	169.9			56630	☑	
78	Reflex			-50.1	170.3			56632	☑	
81	Reflex			-50.1	170.4			56682	☑	
87	Reflex			-50	170.3			56650	☑	
90	Reflex			-50	169.6			56725	☑	
93	Reflex			-50	169.8			56648	☑	
96	Reflex			-50	170.6			56795	☑	
99	Reflex			-50	170.7			56745	☑	
102	Reflex			-49.9	170.3			56756	☑	
105	Reflex			-49.9	170.7			56773	☑	
108	Reflex			-49.9	170.8			56748	☑	
114	Reflex			-49.8	170.5			56828	☑	
117	Reflex			-49.8	170.6			56782	☑	
120	Reflex			-49.7	170.5			56871	☑	
123	Reflex			-49.7	170.9			56759	☑	

Hole: PAC-19-014

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
126	Reflex			-49.7	171.1			56855	☑	
129	Reflex			-49.7	171.3			56756	☑	
132	Reflex			-49.6	171			56775	☑	
135	Reflex			-49.6	171.3			56878	☑	
138	Reflex			-49.6	171.3			56880	☑	
141	Reflex			-49.8	171.5			56761	☑	
144	Reflex			-49.8	171.6			56769	☑	
150	Reflex			-49.8	171.8			56823	☑	
153	Reflex			-49.8	172			56831	☑	
156	Reflex			-49.7	172			56829	☑	
159	Reflex			-49.8	171.9			56782	☑	
162	Reflex			-49.7	171.8			56745	☑	
165	Reflex			-49.7	171.8			56948	☑	
171	Reflex			-49.7	172.7			56912	☑	
174	Reflex			-49.7	172.5			56933	☑	
177	Reflex			-49.6	173.2			56893	☑	
180	Reflex			-49.6	172.9			56887	☑	
183	Reflex			-49.5	172.9			56822	☑	
186	Reflex			-49.5	173			56816	☑	
189	Reflex			-49.6	173.3			56736	☑	
192	Reflex			-49.5	173.3			56814	☑	
198	Reflex			-49.5	173.1			56933	☑	
201	Reflex			-49.4	173.4			56842	☑	
204	Reflex			-49.3	173.5			56857	☑	

Hole: PAC-19-014

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
207	Reflex			-49.2	173.6			57133	☑	
210	Reflex			-49.3	172.9			56896	☑	
213	Reflex			-49.3	173.2			56888	☑	
216	Reflex			-49.3	173.2			56819	☑	
219	Reflex			-49.2	172.6			56818	☑	
222	Reflex			-49.2	172.3			56816	☑	
228	Reflex			-49.2	172.8			56803	☑	
231	Reflex			-49.1	172.9			56787	☑	
234	Reflex			-49.1	172.9			56753	☑	
240	Reflex			-49.1	172.9			56811	☑	
246	Reflex			-49.1	173			56723	☑	
249	Reflex			-49.1	172.4			56796	☑	
252	Reflex			-49.1	172.7			56780	☑	
255	Reflex			-49.1	173			56687	☑	
258	Reflex			-49.1	173.3			57020	☑	
261	Reflex			-49.1	172.7			57333	☑	
264	Reflex			-49.1	173.2			56921	☑	
267	Reflex			-49.1	173.1			57141	☑	
270	Reflex			-49	173.1			56839	☑	
276	Reflex			-49	173.1			56889	☑	
279	Reflex			-49	173.6			56858	☑	
282	Reflex			-49	173.3			56859	☑	
285	Reflex			-49	173.7			56799	☑	
288	Reflex			-48.9	173.6			56863	☑	

Hole: PAC-19-014

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
291	Reflex			-48.8	173.5			56838	☑	
294	Reflex			-48.9	173.4			56810	☑	
297	Reflex			-48.9	173.6			56805	☑	
300	Reflex			-48.8	173.5			56810	☑	

Hole: PAC-19-014

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.70**	**OB Overburden**										
Overburden												
<<Struc: 3 - 45: strong Foliation 45 deg. >> In lapili tuff												
3.70	**24.13**	**E2T Intermediate Tuff**	**GS3**	6.00	7.00	1.00	336073	0.0025				
Grey, fine grained with common bt-cl-rich, foliation parallel 1-5cm bands. Lapilli tuff, matrix-dominated, polymict clasts. Mainly seriticite-rich, with rare mafic lapilli. Subangular, 2-3:1 ratio.				12.60	13.15	0.55	336074	0.0025				
24.13	**26.70**	**I3B Tonalite**	**GS1**									
Dark gray, strongly foliated with 2-5% bt-cl clots. Crosscut by underformed coarse grained granite 20 cm dyke				25.50	26.00	0.50	336075	0.0025				
26.70	**36.84**	**E2T Intermediate Tuff**	**GS3**	31.00	31.73	0.73	336076	0.0025				
Grey, fine grained with common bt-cl-rich, foliation parallel 1-5cm bands. Lapilli tuff, matrix-dominated, polymict clasts. Mainly seriticite-rich, with rare mafic lapilli. Subangular, 2-3:1 ratio.												
<<Alt: 26.7 - 36.84: weak Epidote>> Rare 15cm wide patches of chlorite-epidote and quartz.				32.12	33.00	0.88	336077	0.0025				
				35.00	36.00	1.00	336078	0.0025				
36.84	**41.90**	**I3C Granodiorite**	**GS2**									
Pinkish grey, with rare <5 cm fine grained mafic xenoliths. Inside the unit, a 60cm wide Kspar-plag-mica foliation parallel mineral segregation orthogneiss texture.												
41.90	**52.30**	**E2T Intermediate Tuff**	**GS3**	45.00	46.50	1.50	336079	0.0025				
Grey, fine to medium grained, matrix-controlled, poorly sorted. 2-4:1 ratio sercitized lapilli with weak groundmass sericitization. Rare, <2 cm foliation parallel qz-kspar-epidote-py injections.												
<<Min: 45 - 52.3: 0.5% pyrite>> weak sericite alteration of intermediate lapilli tuff with tr very fine grained pyrite disseminated and in <1 mm veinlets parallel to foliation				46.50	48.00	1.50	336080	0.0025				
<<Alt: 45 - 49.5: moderate Sericite>> Strong sericitization of lapilli, weak groundmass sericite alteration				48.00	49.50	1.50	336081	0.006				
<<Struc: 45 - 48: strong Foliation 35 deg. >> In lapili tuff				49.50	51.00	1.50	336082	0.0025				
<<Struc: 48 - 68: strong Foliation 45 deg. >> In lapili tuff				51.00	52.30	1.30	336083	0.0025				
52.30	**52.60**	**I1B Diabase**	**GS2**									
Dark green, massive, fine grained												
				52.57	53.50	0.93	336084	0.005				
52.60	**56.00**	**E2T Intermediate Tuff**	**GS3**									
Dark grey, less altered than previous interval, rare lapilli.												

Hole: PAC-19-014

From (m)	To (m)		Rock Type & Description	
56.00	**57.00**	**I1B**	**Diabase**	**GS3**
Green, coarse grained late dyke				
57.00	**81.95**	**E2T**	**Intermediate Tuff**	**GS3**
Dark grey-green, very rare (<1%) serictized 2-:1 lapilli. Common <20 cm sericitie-rich bands.				
<<Struc: 68 - 81: strong Foliation 40 deg. >> In lapili tuff				
81.95	**82.70**	**I1B**	**Diabase**	**GS3**
Green, coarse grained late dyke				
82.70	**83.56**	**E2T**	**Intermediate Tuff**	**GS3**
Dark grey-green, 5-7% poorly sorted serictized 2-:1 lapilli.				
83.56	**83.83**	**I1B**	**Diabase**	**GS2**
Green, coarse grained, not foliated				
83.83	**92.83**	**I3C**	**Granodiorite**	**GS3**
Pinkish grey, with 3-%% <1 cm chlorite clots and common late <2 cm qz-kspar pegmatitic injections.				
92.83	**95.50**	**E1**	**mafic volcanics**	**GS1**
Green, fine grained, with rare <2 mm qtz eyes. Common epidote-pyrite-quartz <10 cm blebs (pillow selvages?)				
<<Alt: 93 - 95.5: weak Epidote>>				
<<Struc: 95 - 110: strong Foliation 45 deg. >> In granodiorite				
95.50	**120.45**	**I3C**	**Granodiorite**	**GS2**
Grey, medim to coarse grained, homogenous. 7-8% 1-3 mm chlorite clots. Rare <8 cm mafic volcanic xenoliths. Rare <20 cm kspar-qz pegmatitic injections.				
<<Struc: 110 - 118: moderate Foliation 45 deg. >> In granodiorite				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
59.30	60.80	1.50	336085	0.007				
61.00	62.40	1.40	336086	0.0025				
62.40	63.40	1.00	336087	0.0025				
63.40	64.50	1.10	336088	0.0025				
64.50	65.55	1.05	336089	0.011				
65.55	66.55	1.00	336090	0.169				
67.00	68.50	1.50	336091	0.0025				
68.50	70.00	1.50	336093	0.0025				
70.00	71.50	1.50	336094	0.005				
72.00	73.00	1.00	336095	0.0025				
74.00	74.80	0.80	336096	0.006				

Hole: PAC-19-014

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 118 - 140: moderate Foliation 40 deg. >> In granodiorite													
120.45	**127.15**	**E1**	**mafic volcanics**	**GS1**									
Med green, fine grained with weak foliation. 3-5% 2-5 mm epidote-plag-pyrite "amygdules". Strong pervasive epidotization at contact with intrusive													
<<Alt: 120.45 - 127.15: moderate Epidote>> Potential amygdules of ep-qz with py centres													
					123.20	123.70	0.50	336097	0.0025				
					123.70	124.40	0.70	336098	0.0025				
127.15	**129.00**	**I3B**	**Tonalite**	**GS3**	127.25	128.15	0.90	336099	0.0025				
Dark grey, with 10% 1-3 mm plag phenocrysts. 3-5% 1-2 mm chlorite clots, weak foliation. Brecciated UCT+LCT with 30 cm qz-kspar-py pegmatite@LCT													
129.00	**171.40**	**I3C**	**Granodiorite**	**GS2**	133.00	133.85	0.85	336100	0.0025				
Pinkish-grey, with <10m intervals of granitic composition. 5-7% 2-5 mm chlorite clots. Rare <20 cm kspar-qz late injections													
<<Struc: 168 - 171: weak Foliation 35 deg. >> In granodiorite													
171.40	**173.40**	**E1**	**mafic volcanics**	**GS1**									
Med green, fine grained with weak foliation. 3-5% 2-5 mm epidote-plag-pyrite "amygdules". Strong pervasive epidotization at contact with intrusive													
<<Alt: 171.4 - 180.63: weak Epidote>> Fracture-fill alteration in granitic intervals, mottled and blebby in volcanic intervals													
					171.40	172.40	1.00	336101	0.0025				
					172.40	173.40	1.00	336102	0.006				
173.40	**177.80**	**I1**	**Mafic intrusive**										
fragments in brecciated unit (granitic matrix)													
					177.80	178.60	0.80	336103	0.008				
177.80	**180.63**	**I3A1**	**Alkali Feldspar Granite**	**GS1**	178.60	180.00	1.40	336104	0.0025				
Salmon pink, homogenous, kspar-qz exclusive. Epidote stockwerk throughout, with common mafic volcanic blocks (<45 cm).													
180.63	**182.80**	**I1**	**Mafic intrusive**	**GS1**	182.00	182.80	0.80	336105	0.008				
Dark green, very fine grained. Crosscuts by common <3 cm granitic injections. Fracture-controlled epidotization. Contact zone betweeen brecciated and massive granite-granodiorite													
182.80	**199.50**	**I1**	**Mafic intrusive**		198.00	199.50	1.50	336106	0.0025				
fragments in brecciated unit (granitic matrix)													

Hole: PAC-19-014

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
199.50	**199.65**	**LC**	**lost core**										
Fault zone with 15 cm of clay gouge. No lost core, although no code exists for gouge at the moment. <<Struc: 199.5 - 199.65: weak Fault 90 deg. >> gouge													
199.65	**205.12**	**I3C**	**Granodiorite**	**GS2**									
Fine grained, dark green mafic fragments in a fragment-dominated (65%) granitic breccia. Intervals of jigsaw fit texture. Well sorted, <1 cm, subangular fragments. <<Struc: 205 - 210: moderate Foliation 40 deg. >> In granodiorite													
205.12	**211.30**	**I3C**	**Granodiorite**	**GS2**									
Pinkish grey, homogenous granodiorite with 5-10% 2-8 mm chlorite blebs and rare mafic intrusive <5 cm xenoliths. <<Min: 206.75 - 206.77: 2% Molybdenite>> Quartz-pyrite-molybdenite 3 cm vein crosscutting foliation					206.40	207.00	0.60	336107	0.0025				
211.30	**212.90**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Salmon pink, homogenous, kspar-qz exclusive. Epidote stockwerk throughout, with common mafic volcanic blocks (<45 cm).													
212.90	**220.50**	**I3C**	**Granodiorite**	**GS2**									
Light grey, interval with variable chlortie clots concentration, overall 5% average. Common <10 cm kspar-qz late injections.					216.00	217.00	1.00	336108	0.009				
220.50	**222.32**	**I1**	**Mafic intrusive**										
dark green, 50% chlortie clots in potentially strongly chloritized granodiorite. Sharp UCT+LCT													
222.32	**223.30**	**I3B**	**Tonalite**	**GS1**									
Dark grey, foliated, homogenous fine grained. 5-7% 1-4 mm chlorite clots.					223.30	224.64	1.34	336109	0.0025				
223.30	**230.40**	**E1**	**mafic volcanics**		228.00	229.00	1.00	336110	0.014				
fragments in brecciated unit (granitic matrix) <<Struc: 227 - 227.5: moderate Foliation 45 deg. >> In granodiorite					229.00	230.40	1.40	336111	0.006				
230.40	**231.90**	**I1B**	**Diabase**	**GS3**									
Green, homogenous, not foliated, irregular UCT. Non magnetic, no carbonates													
231.90	**232.70**	**I3A**	**Granite**	**GS3**									
Pink, homogenous, with 3-5% biotite-chlorite.													

Hole: PAC-19-014

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
232.70	**235.20**	**E1**	**mafic volcanics**	**GS1**									
Green, with moderate to strong epidote alteration in blebs and foliation parallel bands. Bleached <30 cm sections. <<Alt: 234 - 234.5: intense unknown>> Bleached interval with calcite-ankerite veins in mafic volcanics					232.70	234.00	1.30	336113	0.006				
					234.00	235.20	1.20	336114	0.0025				
235.20	**237.80**	**E1**	**mafic volcanics**										
fragments in brecciated unit (granitic matrix)					237.80	239.00	1.20	336115	0.0025				
237.80	**238.70**	**E1**	**mafic volcanics**										
fragments in brecciated unit (granitic matrix)													
238.70	**244.70**	**I3C**	**Granodiorite**										
Common dykes within mafic volcanics <<Min: 241.38 - 241.44: 2% pyrite / 2% Molybdenite>> Drusy, vuggy qtz vein with euhedral cristals. Mo-py at selvage <<Vein: 241.38 - 241.44: Quartz vein contain >90% quartz>> Drusy qtz, vuggy, with pyrite and molybdenite at selvage					240.00	241.00	1.00	336116	0.0025				
					241.00	242.00	1.00	336117	0.0025				
					242.00	243.50	1.50	336118	0.006				
					243.50	244.70	1.20	336119	0.0025				
244.70	**252.22**	**E1**	**mafic volcanics**										
fragments in brecciated unit (granitic matrix) <<Struc: 252 - 256: strong Foliation 35 deg. >> in "bleached" tonalite					244.70	246.00	1.30	336120	0.0025				
252.22	**254.75**	**I3C**	**Granodiorite**	**GS2**	252.70	253.40	0.70	336121	0.005				
Pinkish-grey, fine grained, with commonc kspar-qtz aplitic dykes. Moderate to strong mag. <<Alt: 252.22 - 254.75: weak K-feldspar>> around vein selvages and affecting plag fds					254.60	255.70	1.10	336122	0.0025				
254.75	**257.75**	**I3B**	**Tonalite**	**GS1**	255.70	256.90	1.20	336123	0.0025				
Very fine grained, bleached interval. Grey-beige. Common foliation-parallel <3 mm sericite bands, common foliation-parallel <5 cm qz-epidote-py-mt-hm veins. <<Alt: 254.75 - 257.75: moderate Silicification / weak K-feldspar / moderate Sericite>> fine grained, strongly foliated, potentially silicified and sericitized intervalaround vein selvages and affecting plag fdsIn silicified tonalite					256.90	257.75	0.85	336124	0.0025				

Hole: PAC-19-014

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 254.75 - 257.75: Quartz vein contain >90% quartz>> Interval with 3-5% qz-hm-ep-kspar-mt injections in pervasively serictized interval													
257.75	**269.14**	**E1**	**mafic volcanics**	**GS1**	260.30	261.25	0.95	336125	0.0025				
Dark green, homogenous, with 2-5% epidote-chlrotei clots and rare <4 cm qz-kspar -mt-py injections													
<<Struc: 264 - 264.2: strong Fault>> highly fractured, clay rich zone													
269.14	**269.35**	**LC**	**lost core**										
Fault gouge													
<<Struc: 269.14 - 269.3: weak Fault>> gouge													
<<Struc: 269.3 - 275.7: Shear / mylonitic foliation 20 deg. >> Flattening of foliation with respect to CA													
269.35	**270.85**	**E1**	**mafic volcanics**	**GS3**	269.60	270.85	1.25	336126	0.0025				
Dark green, minor shear zone (alpha // TCA) with common 10 cm qz-py-hm-mt veins with hematite-chlortie alteration at selvages.													
270.85	**271.56**	**I1B**	**Diabase**	**GS2**									
Undeformed, green, medium grained late dyke													
271.56	**279.20**	**E1**	**mafic volcanics**	**GS1**									
Green, medium grained, foliation still paralllel TCA, 2-4% calcite vuggy veins and 3% epidote, pervasive, corase grained, also in folitation parallel bands													
<<Alt: 273 - 275.5: strong Epidote / intense unknown>> Patchy to pervasive epidote alteration, with intervals of coarse grained epidoteBleached interval with calcite-ankerite veins in mafic volcanics													
<<Vein: 273 - 275.5: Quartz vein contain >90% quartz>> 5-7% calcite-ankerite <3 cm vuggy veins parallel TCA													
					272.60	273.60	1.00	336127	0.0025				
					273.60	274.60	1.00	336128	0.0025				
					274.60	275.70	1.10	336129	0.0025				
					279.10	280.00	0.90	336130	0.0025				
279.20	**280.60**	**E1**	**mafic volcanics**										
fragments in brecciated unit (granitic matrix)													
280.60	**300.00**	**I3C**	**Granodiorite**	**GS2**	282.00	283.00	1.00	336131	0.0025				
EOH. Greyish white, coarse grained, with melanocratic < 1 m intervals. 2-4% qz-py-mt-kspar+-Mo veins and potentially late injections													
<<Min: 280.6 - 300: 2% pyrite / 0.5% Molybdenite>> qz-py-mt-ep+-mo+-kspar injections/veins in granodiorite accounting for less than 1 vol%					283.00	284.00	1.00	336133	0.0025				

Hole: PAC-19-014

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 282 - 298: Quartz vein contain >90% quartz>> Interval of tr-1% <2 cm qz-py-mt-ep+-mo+-kspar injections/veins	284.00	285.00	1.00	336134	0.006				
		<<Struc: 288 - 300: strong Foliation 45 deg. >> In granodiorite	285.00	286.50	1.50	336135	0.0025				
			286.50	288.00	1.50	336136	0.0025				
			288.00	289.50	1.50	336137	0.0025				
			289.50	291.00	1.50	336138	0.007				
			291.00	292.50	1.50	336139	0.0025				
			293.35	294.15	0.80	336140	0.0025				
			294.15	295.00	0.85	336141	0.0025				
			295.00	296.50	1.50	336142	0.0025				
			296.50	297.50	1.00	336143	0.0025				
			297.50	298.10	0.60	336144	0.0025				
			298.60	299.30	0.70	336145	0.0025				

End of Hole @ 300

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-015

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-12-12	**Core Size:**	NQ
UTM East:	439521	**Azimuth:**	359	**Date Completed:**	2019-12-13	**Casing Pulled?:**	☐
UTM North:	5646653	**Dip:**	-50.3	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	407	**Length (m):**	207	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
6	Reflex			-50.2	358.9			58617	☑	
12	Reflex			-50.1	358.9			57628	☑	
15	Reflex			-50	358.8			57432	☑	
21	Reflex			-50	359.2			57194	☑	
24	Reflex			-49.9	359			57182	☑	
27	Reflex			-49.7	359.2			57126	☑	
30	Reflex			-49.9	359.6			57125	☑	
33	Reflex			-49.7	359.2			56995	☑	
36	Reflex			-49.7	358.9			57073	☑	
39	Reflex			-49.8	358.7			56727	☑	
42	Reflex			-49.7	359.4			57184	☑	
45	Reflex			-49.6	359.5			56942	☑	
48	Reflex			-49.6	359.4			56836	☑	

Hole: PAC-19-015

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-49.6	359			56979	☑	
57	Reflex			-49.5	359.9			56813	☑	
60	Reflex			-49.6	359.7			57036	☑	
63	Reflex			-49.3	359			56897	☑	
66	Reflex			-49.2	359.2			56829	☑	
72	Reflex			-49.2	358.6			56655	☑	
75	Reflex			-49.2	358.8			56857	☑	
81	Reflex			-49	358.8			56917	☑	
84	Reflex			-48.8	359			56953	☑	
90	Reflex			-48.7	358.2			56921	☑	
93	Reflex			-48.7	358.4			57256	☑	
96	Reflex			-48.6	359			56988	☑	
99	Reflex			-48.6	358.9			57002	☑	
102	Reflex			-48.5	358.9			56946	☑	
105	Reflex			-48.5	358.4			56758	☑	
108	Reflex			-48.5	358.6			56804	☑	
117	Reflex			-48.5	358.6			56754	☑	
120	Reflex			-48.4	358.4			56817	☑	
123	Reflex			-48.3	358.5			56801	☑	
126	Reflex			-48.3	358.3			56786	☑	
129	Reflex			-48.3	358.8			56891	☑	
132	Reflex			-48.2	358.7			56976	☑	
135	Reflex			-48.3	358.6			56936	☑	
141	Reflex			-48.2	358.5			57128	☑	

Hole: PAC-19-015

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	Reflex			-48.2	358.7			56773	☑	
147	Reflex			-48.2	358.7			57254	☑	
150	Reflex			-48.1	359.1			57056	☑	
153	Reflex			-48.1	359.2			57220	☑	
159	Reflex			-48	358.6			56892	☑	
162	Reflex			-48	358.7			56834	☑	
165	Reflex			-47.9	358.7			56839	☑	
168	Reflex			-47.9	358.3			56812	☑	
171	Reflex			-47.8	359.2			56699	☑	
174	Reflex			-47.8	358.9			56794	☑	
177	Reflex			-47.8	359			56896	☑	
180	Reflex			-47.8	358.8			56760	☑	
183	Reflex			-47.8	358.9			56755	☑	
186	Reflex			-47.8	358.9			56747	☑	
189	Reflex			-47.8	359			56728	☑	
192	Reflex			-47.8	359.1			56657	☑	
195	Reflex			-47.7	359			56694	☑	
198	Reflex			-47.7	359.4			56751	☑	
201	Reflex			-47.7	359.2			56752	☑	
204	Reflex			-47.7	359.2			56724	☑	
207	Reflex			-47.7	359.3			56710	☑	

Hole: PAC-19-015

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.70**	**OB Overburden**										
No recovery, assumed all overburden.												
3.70	**19.56**	**E2T Intermediate Tuff**	**GS3**	11.35	12.35	1.00	336147	0.0025				
Dark grey, corase grained. Weakly banded intermediate volcanics with chlorite-rich <10 cm bands alternating with cl-poor bands (parallel to foliation). Rare cl-rich clasts. Rare cl-cc-ak-ep <1 cm bands												
<<Alt: 3.7 - 19.56: weak Carbonate>> Weak disseminated calicte-FeCB alteration in coarse grained intermediate volcanics												
<<Struc: 6 - 21: strong Foliation 50 deg. >>												
19.56	**20.28**	**E1 mafic volcanics**	**GS1**									
Dark green, fine grained with common <5 mm epidote blebs												
20.28	**20.70**	**I1B Diabase**	**GS3**									
Green, weakly foliated, with common chloritized <1 cm blebs.												
20.70	**26.27**	**E2T Intermediate Tuff**	**GS3**	21.75	22.75	1.00	336148	0.01				
Dark grey, matrix supported intermediate lapilli tuff. Polymictic, with chloritized or sericitized lapilli, fine to coarse grained, 2-3:1 ratio, <3 cm, subangular.												
<<Alt: 22.78 - 23.76: moderate Epidote>> Light green interval, apparently bleached, very fine grained. Potential pervasive epidotization and combined silicification (very hard).												
<<Struc: 21 - 38: strong Foliation 50 deg. >>												
26.27	**31.09**	**E2 Intermediate**	**GS1**									
Dark grey, homogenous w/ 5-7% 1-2mm fds phenos, rare disseminated sulphides.												
31.09	**34.85**	**E2T Intermediate Tuff**	**GS3**									
Grey, heterogenous unit dominated by matrix supported intermediate lapilli tuff. Polymictic, with chloritized or sericitized lapilli, fine to coarse grained, 2-3:1 ratio, <3 cm, subangular.												
34.85	**37.95**	**E2 Intermediate**	**GS2**									
Dark grey, homogenous w/ 5-7% 1-2mm fds phenos, 5-7% 1-4mm chlortie blebs.												
37.95	**38.95**	**I1B Diabase**	**GS2**									
Late dyke, grey, fine grained with 7-9% 2-4 mm chlorite blebs												
<<Struc: 38 - 56: strong Foliation 60 deg. >>												
38.95	**39.66**	**E2 Intermediate**	**GS2**									
Grey, homogenous w/ 5-7% 1-2mm fds phenos, 5-7% 1-4mm chlortie blebs.												

Hole: PAC-19-015

From (m)	To (m)		Rock Type & Description	
39.66	**40.30**	**I1B**	**Diabase**	**GS1**
Green, weakly foliated, massive				
40.30	**42.60**	**E2T**	**Intermediate Tuff**	**GS3**
Grey, polymict lapilli tuff, well sorted, lapilli <2 cm. Tracepost-deformation disseminated calcite grains (porphyroblasts?)				
42.60	**46.00**	**I3C**	**Granodiorite**	**GS2**
Grey-green. Strongly chloritized (12-15% cl), kspar bearing foliated felsic intrusive				
46.00	**46.80**	**I1B**	**Diabase**	**GS1**
Grey. Felsic to intermediate weakly foliated dyke with 3-5% 2-5 mm chlorite clots				
46.80	**51.95**	**E1**	**mafic volcanics**	
Xenoliths <50 cm with cooling rim in felsic to intermediate intrusive				
51.95	**61.61**	**E2T**	**Intermediate Tuff**	**GS3**
Grey-beige. Matrix to clast supported polymict lapilli tuff. Weak pervasive sericitization and tr-1% py-po in foliation-paralle <1mm stretched/flattened blebs				
<<Min: 51.95 - 61.61: 0.5% pyrite / 0.5% pyrrhotite>> In lapilli tuff				
<<Alt: 51.95 - 61.61: weak Sericite>> Weak sericitization in lapilli tuff				
<<Struc: 56 - 73: strong Foliation 60 deg. >>				
61.61	**65.64**	**E2**	**Intermediate**	**GS1**
Dark grey, fine grained, foliated, homogenous. Contains 10% <50 cm subangular basalt xenoliths				
65.64	**69.21**	**E2T**	**Intermediate Tuff**	**GS3**
Grey-beige. Matrix to clast supported, polymict, lapilli (<1 cm) tuff. Weak pervasive sericitization and tr-1% py-po in foliation-paralle <1mm stretched/flattened blebs				
<<Min: 65.64 - 69.21: 0.5% pyrite / 0.5% pyrrhotite>> In lapilli tuff				
<<Alt: 65.64 - 69.21: weak Sericite>> Weak sericitization in lapilli tuff				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
42.00	42.60	0.60	336149	0.0025				
43.00	44.00	1.00	336150	0.0025				
51.95	53.00	1.05	336151	0.01				
53.00	54.00	1.00	336152	0.011				
54.00	55.00	1.00	336153	0.0025				
55.00	56.50	1.50	336154	0.0025				
56.50	58.00	1.50	336155	0.0025				
58.00	59.50	1.50	336156	0.0025				
59.50	61.00	1.50	336157	0.013				
61.00	61.61	0.61	336158	0.0025				
65.64	67.00	1.36	336159	0.0025				

Hole: PAC-19-015

From (m)	To (m)		Rock Type & Description	
69.21	**72.14**	**E2**	**Intermediate**	**GS1**
Grey, homogenous, massive, foliated. Trace disseminated euhedral <1mm py grains. Sericitized LCT				
72.14	**72.64**	**E2T**	**Intermediate Tuff**	**GS3**
Grey-beige. Matrix to clast supported, polymict, lapilli (<1 cm) tuff. Weak pervasive sericitization and tr-1% py-po in foliation-paralle <1mm stretched/flattened blebs				
72.64	**73.30**	**I1B**	**Diabase**	**GS2**
Green, fine to medium grained. Weakly foliated <<Struc: 73 - 93: strong Foliation 45 deg. >>				
73.30	**75.79**	**E2T**	**Intermediate Tuff**	**GS3**
Grey-beige. Matrix supported, polymict, lapilli (<5 cm) tuff. Weak pervasive sericitization and tr-1% py-po in foliation-paralle <1mm stretched/flattened blebs				
75.79	**77.39**	**I3C**	**Granodiorite**	**GS2**
Light green-grey. 3-5% <2 mm chlorite blebs. 1-3% kspar phenocrysts. Tr-1% py blebs				
77.39	**87.10**	**E2T**	**Intermediate Tuff**	**GS3**
Beinge, banded. Strong serictization in preferential <3 cm foliation parallel bands (transposed stockwerk?). Rare trace of pyrite. Rare qz-kspar-cl-ep-cc folded and transposed veins) <<Alt: 77.39 - 87.1: moderate Sericite>> Moderate to strong sericitization in foliation parallel <3 cm bands <<Vein: 80 - 80.2: Quartz vein contain >90% quartz>> Strongly folded and transposed ser-ep-diopside(?)-cl veins similar to proximal alteration logged at Madsen McVeigh and Austin zones				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
67.00	68.10	1.10	336160	0.011				
68.10	69.21	1.11	336161	0.006				
71.70	72.64	0.94	336162	0.009				
76.00	77.39	1.39	336163	0.01				
77.39	78.39	1.00	336164	0.0025				
78.39	79.15	0.76	336165	0.0025				
79.15	80.15	1.00	336167	0.0025				
80.15	81.00	0.85	336168	0.0025				
81.00	82.00	1.00	336169	0.0025				
82.00	83.00	1.00	336170	0.0025				
83.00	84.00	1.00	336171	0.0025				
84.00	85.00	1.00	336172	0.0025				
85.00	86.00	1.00	336173	0.0025				

Hole: PAC-19-015

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				86.00	87.10	1.10	336174	0.0025				
87.10	**88.24**	**I1 Mafic intrusive**	**GS1**									
Gren, very fine grained, foliated, homogenous. Very sharp UCT+LCT												
88.24	**89.70**	**E2T Intermediate Tuff**	**GS3**									
Beinge, banded. Strong serictization in preferential <3 cm foliation parallel bands (transposed stockwerk?). Rare trace of pyrite. Rare qz-kspar-cl-ep-cc folded and transposed veins)												
<<Alt: 88.24 - 89.27: strong Sericite>> Moderate to strong sericitization in foliation parallel <3 cm bands												
				88.24	89.74	1.50	336175	0.009				
89.70	**92.80**	**E1 mafic volcanics**	**GS1**									
Green, very fine cl-rich bands alternating with cl-bt bands. Disseminated very fine grained calcite.												
				89.74	91.00	1.26	336176	0.0025				
				92.80	93.75	0.95	336177	0.006				
92.80	**93.75**	**E2T Intermediate Tuff**	**GS3**									
Beinge, banded. Strong serictization in preferential <3 cm foliation parallel bands (transposed stockwerk?). Rare trace of pyrite. Rare qz-kspar-cl-ep-cc folded and transposed veins)												
<<Alt: 92.8 - 93.75: strong Sericite>> Moderate to strong sericitization in foliation parallel <3 cm bands												
93.75	**115.81**	**I1 Mafic intrusive**	**GS3**	96.00	97.50	1.50	336178	0.0025				
Green-grey, potentially felsic intrusive with strong chloritization (20% chlorite). 1-3% very fine disseminated py and trace 1-3 mm rounded qz phenocrysts												
<<Min: 93.75 - 115.81: 0.5% pyrite>> In strongly foliated mafic intrusive				97.50	99.00	1.50	336179	0.0025				
				102.60	103.60	1.00	336180	0.005				
				104.75	106.00	1.25	336181	0.0025				
				106.00	107.50	1.50	336182	0.006				
				107.50	108.40	0.90	336183	0.01				
				108.40	109.40	1.00	336184	0.008				
				109.40	110.40	1.00	336185	0.009				
				114.45	115.75	1.30	336187	0.006				
115.81	**116.42**	**E2 Intermediate**	**GS1**									
Grey-beige, very fine grained, massive. Late dyke, UCT+LCT crosscutting foliation												

Hole: PAC-19-015

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
116.42	**117.70**	**I1**	**Mafic intrusive**	**GS3**									
Green-grey, potentially felsic intrusive with strong chloritization (20% chlorite). 1-3% very fine disseminated py and trace 1-3 mm rounded qz phenocrysts													
					117.00	117.70	0.70	336188	0.009				
117.70	**119.47**	**I3C**	**Granodiorite**	**GS2**									
Grey-green, weak fabric, homogenous with 7-9% chlorite and tr-1% disseminated py													
					117.70	119.40	1.70	336189	0.0025				
119.47	**122.20**	**I1**	**Mafic intrusive**	**GS3**									
Green-grey, potentially felsic intrusive with strong chloritization (20% chlorite). 1-3% very fine disseminated py and trace 1-3 mm rounded qz phenocrysts													
122.20	**127.42**	**E2T**	**Intermediate Tuff**	**GS1**									
Grey-beige, very fine grained, massive and foliated. Weak cl-bt-rich banding parallel to foliation, rare fds phenos and potential <5 mm lapilli. Rare qz-bt-py <1cm veins with sericitie alteration @ selvage over <1 cm													
<<Min: 122.2 - 139.7: 0.5% pyrite>> very fine grained pyrite (tr) +- in foliation parallel bands													
<<Alt: 122.2 - 127.4: moderate Sericite>> Moderate sericitization in foliation parallel <3 cm bands													
					125.80	126.70	0.90	336190	0.0025				
					126.70	127.42	0.72	336191	0.0025				
127.42	**128.91**	**I1**	**Mafic intrusive**	**GS3**									
Green-grey, weakly foliated, trace disseminated pyrite													
<<Alt: 128.9 - 139.7: moderate Sericite>> Moderate sericitization in foliation parallel <3 cm bands													
					127.42	128.07	0.65	336192	0.0025				
					128.07	128.91	0.84	336193	0.0025				
					128.91	130.25	1.34	336194	0.0025				
128.91	**130.25**	**E2T**	**Intermediate Tuff**	**GS1**									
Grey-beige, very fine grained, massive and foliated. Weak cl-bt-rich banding parallel to foliation, rare fds phenos and potential <5 mm lapilli. Tr-1% py in foliation-parallel <2 mm blebs													
130.25	**132.97**	**E2**	**Intermediate**	**GS3**	130.25	131.25	1.00	336195	0.0025				
Coarse grained interval with 5-7% 1-3 mm fds phenos. Strong foliation													
					131.25	132.00	0.75	336196	0.0025				
					132.00	132.97	0.97	336197	0.0025				
					132.97	134.00	1.03	336198	0.0025				

Hole: PAC-19-015

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
132.97	**138.55**	**E2T Intermediate Tuff**	**GS1**	134.00	135.00	1.00	336199	0.007				
Grey-beige, very fine grained, massive and foliated. Weak cl-bt-rich banding parallel to foliation, rare fds phenos and potential <5 mm lapilli. Tr-1% py in foliation-parallel <2 mm blebs				135.00	136.50	1.50	336200	0.007				
				136.50	137.30	0.80	336201	0.007				
				137.30	138.55	1.25	336202	0.027				
				138.55	139.70	1.15	336203	0.0025				
138.55	**139.70**	**E2 Intermediate**	**GS3**									
Coarse grained interval with 5-7% 1-3 mm fds phenos. Strong foliation												
139.70	**148.44**	**I1 Mafic intrusive**	**GS2**									
Green, fine to coarse grained. Massive, Almost non sulphides												
<<Alt: 148.4 - 149.5: strong Sericite>> VEIN-DOMINATED INTERVAL. Typical of mineralization at Madsen. Qz-diopside-cl-py-po folded and transposed veins in strongly bt-ser altered mafic unit				139.70	141.00	1.30	336204	0.0025				
				141.00	142.35	1.35	336205	0.0025				
				142.35	143.70	1.35	336207	0.014				
				148.44	149.50	1.06	336208	0.245				
148.44	**149.50**	**E1 mafic volcanics**	**GS1**									
VEIN-DOMINATED INTERVAL. Typical of mineralization at Madsen. Qz-diopside-cl-py-po folded and transposed veins in strongly bt-ser altered mafic unit												
<<Min: 148.44 - 149.5: 0.5% pyrite / 2% pyrrhotite>> VEIN-DOMINATED INTERVAL. Typical of mineralization at Madsen. Qz-diopside-cl-py-po folded and transposed veins in strongly bt-ser altered mafic unit												
<<Vein: 148.44 - 149.5: Quartz vein contain >90% quartz>> VEIN-DOMINATED INTERVAL. Typical of mineralization at Madsen. Qz-diopside-cl-py-po folded and transposed veins in strongly bt-ser altered mafic unit												
149.50	**152.10**	**E1 mafic volcanics**	**GS1**	149.50	150.25	0.75	336209	0.031				
Green, fine grained, massive. Trace <1 mm foliation-parallel py veinlets				150.25	151.00	0.75	336210	0.0025				
				151.00	152.10	1.10	336211	0.007				
				152.10	152.68	0.58	336212	0.014				
152.10	**152.68**	**E2T Intermediate Tuff**	**GS1**									
Grey-beige alternating <2 cm bands in selectively sericitized intermediate tuff interval.												

Hole: PAC-19-015

From (m)	To (m)		Rock Type & Description	
<<Alt: 152.1 - 152.68: strong Sericite>>				
152.68	**159.60**	**E1**	**mafic volcanics**	**GS1**
Green, fine grained, massive. Trace <1 mm foliation-parallel py veinlets and trace <1 cm foliaiton parallel blue qz veins				
159.60	**160.60**	**I1**	**Mafic intrusive**	**GS2**
Grey-green, homogenous with rare ser-rich <2 blebs (potentially folded and transposed but unclear)				
160.60	**180.30**	**E2T**	**Intermediate Tuff**	**GS1**
Grey-beige, fine grained. Alternating ser-rich and ser-poor <1cm bands parallel to foliation. Characteristic disseminated py <2mm blebs with sericitized aureole. Overall tr fine grained diss pyrite				
<<Min: 160.6 - 180.3: 0.5% pyrite>> Disseminated vfg pyrite with characteristic serictie alteration halo				
<<Alt: 160.6 - 180.3: weak Silicification / moderate Sericite>> Potentially silicified intermediate tuff				
<<Vein: 160.6 - 180.3: Quartz vein contain >90% quartz>> Zone of 1-3% <1 cm wide folded (AP // Sm) qz-cc-cl veins				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
152.68	154.00	1.32	336213	0.006				
154.00	155.70	1.70	336214	0.009				
155.70	157.00	1.30	336215	0.008				
157.00	158.50	1.50	336216	0.0025				
158.50	159.60	1.10	336217	0.0025				
160.60	162.00	1.40	336218	0.0025				
162.00	163.00	1.00	336219	0.0025				
163.00	164.00	1.00	336220	0.0025				
164.00	165.00	1.00	336221	0.007				
165.00	166.50	1.50	336222	0.011				
166.50	168.00	1.50	336223	0.023				
168.00	169.50	1.50	336224	0.005				
169.50	171.00	1.50	336225	0.017				
171.00	172.00	1.00	336227	0.0025				
172.00	173.50	1.50	336228	0.0025				
173.50	175.00	1.50	336229	0.006				
175.00	176.50	1.50	336230	0.114				
176.50	178.00	1.50	336231	0.0025				
178.00	179.00	1.00	336232	0.0025				
179.00	180.30	1.30	336233	0.0025				
180.30	181.10	0.80	336234	0.0025				

Hole: PAC-19-015

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
180.30	**198.18**	**I1B** **Diabase**	**GS3**	181.10	182.00	0.90	336235	0.006				
Green, coarse grained. Could be a late mafic intrusion related to Faulkenham as it is weakly foliated. 3-5% 1-4 mm fds phenos @ 192-194m												
				186.50	187.20	0.70	336236	0.0025				
				189.45	190.45	1.00	336237	0.0025				
				196.15	197.60	1.45	336238	0.0025				
198.18	**207.00**	**E1** **mafic volcanics**										
Minor <50 cm intervals of mafic tuff in intermediate to felsic volcanics												
<<Alt: 198.18 - 207: weak Silicification>> Potentially silicified intermediate tuff												
				198.18	199.50	1.32	336239	0.0025				
				199.50	201.00	1.50	336240	0.0025				
				201.00	202.50	1.50	336241	0.0025				
				202.50	204.00	1.50	336242	0.0025				
				204.00	205.00	1.00	336243	0.0025				
				205.00	205.50	0.50	336244	0.008				
				205.50	207.00	1.50	336245	0.0025				

End of Hole @ 207

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-19-016

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2019-12-14	**Core Size:**	NQ
UTM East:	439626.33	**Azimuth:**	4	**Date Completed:**	2019-12-16	**Casing Pulled?:**	☐
UTM North:	5646747.31	**Dip:**	-51.2	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	414.7	**Length (m):**	204	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	Reflex			-51.2	3.1			59604	☑	
3	Reflex			-51.2	2.9			59720	☑	
6	Reflex			-51.1	2.8			58621	☑	
15	Reflex			-51	2.9			57273	☑	
18	Reflex			-51.2	3			57171	☑	
24	Reflex			-51	2.5			57025	☑	
27	Reflex			-50.9	2.5			56973	☑	
30	Reflex			-50.9	2.9			57006	☑	
33	Reflex			-50.9	2.5			56971	☑	
36	Reflex			-50.8	3.3			57013	☑	
39	Reflex			-50.7	2.8			56975	☑	
42	Reflex			-50.7	3			56815	☑	
45	Reflex			-50.7	3			56957	☑	

Hole: PAC-19-016

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
48	Reflex			-50.6	2.4			57004	☑	
51	Reflex			-50.6	3			57004	☑	
54	Reflex			-50.6	2.9			57006	☑	
57	Reflex			-50.5	3			56988	☑	
60	Reflex			-50.5	3.1			57004	☑	
63	Reflex			-50.4	3.2			57037	☑	
66	Reflex			-50.4	2.8			57116	☑	
69	Reflex			-50.3	2.9			56907	☑	
72	Reflex			-50.3	3			56892	☑	
75	Reflex			-50.2	3.3			56955	☑	
78	Reflex			-50.1	3.3			56991	☑	
81	Reflex			-50.1	3.2			57052	☑	
84	Reflex			-50	3.4			56960	☑	
87	Reflex			-50	3.4			56938	☑	
90	Reflex			-49.9	3.4			57012	☑	
93	Reflex			-49.9	3.4			56929	☑	
96	Reflex			-49.9	3.2			56943	☑	
99	Reflex			-49.8	3.1			56975	☑	
102	Reflex			-49.8	3.3			56983	☑	
105	Reflex			-49.7	2.9			56842	☑	
108	Reflex			-49.7	3			56830	☑	
111	Reflex			-49.8	3.1			56860	☑	
114	Reflex			-49.7	3			56792	☑	
117	Reflex			-49.7	3.3			56896	☑	

Hole: PAC-19-016

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
120	Reflex			-49.7	3.8			56959	☑	
126	Reflex			-49.6	3.9			56951	☑	
129	Reflex			-49.6	3.6			56930	☑	
132	Reflex			-49.6	3.8			56844	☑	
138	Reflex			-49.6	3.6			56900	☑	
141	Reflex			-49.5	3.6			56889	☑	
144	Reflex			-49.5	3.8			56933	☑	
147	Reflex			-49.5	3.9			56949	☑	
150	Reflex			-49.5	3.6			56875	☑	
153	Reflex			-49.4	3.6			56967	☑	
156	Reflex			-49.4	3.7			56936	☑	
159	Reflex			-49.4	3.7			56908	☑	
165	Reflex			-49.4	3.8			56901	☑	
168	Reflex			-49.4	3.8			56939	☑	
171	Reflex			-49.3	3.5			56716	☑	
177	Reflex			-49.3	3.8			56789	☑	
180	Reflex			-49.3	3.4			56789	☑	
183	Reflex			-49.2	3.8			56884	☑	
186	Reflex			-49.1	3.3			57057	☑	
189	Reflex			-49.1	3.7			56806	☑	
192	Reflex			-49.2	3.2			55822	☑	
195	Reflex			-49	3.7			57002	☑	
198	Reflex			-48.9	3.5			56957	☑	
201	Reflex			-48.9	3.6			56932	☑	

Hole: PAC-19-016

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
204	Reflex			-48.9	3.5			56931	☑	

Hole: PAC-19-016

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB**	**Overburden**										
Overburden, casing rock not recovered													
3.00	**10.75**	**E2T**	**Intermediate Tuff**	**GS3**									
Dark grey, matrix to clast supported lapilli tuff. Polymict, with chl-rich and ser-rich lapilli. 3-4:1 ratio, angular. Trace foliation parallel fine grained pyrite													
<<Struc: 3 - 25: moderate Foliation 60 deg. >>													
10.75	**11.35**	**I1B**	**Diabase**	**GS3**									
Green, undeformed with <1cm chlorite blebs													
11.35	**17.25**	**E2T**	**Intermediate Tuff**	**GS1**									
Dark grey, matrix to clast supported lapilli tuff. Polymict, with chl-rich and ser-rich lapilli. 3-4:1 ratio, angular. Trace foliation parallel fine grained pyrite													
17.25	**25.10**	**I1**	**Mafic intrusive**	**GS2**	18.30	19.75	1.45	336247	0.009				
Green, foliated, homogenous. Tr-1% dissmineated py in blebs and in rare <5mm qz-py veins													
<<Min: 17.25 - 22.5: 0.5% pyrite>> in mafic intrusive					19.75	21.00	1.25	336248	0.0025				
<<Struc: 25 - 48.6: strong Foliation 60 deg. >>					21.00	22.50	1.50	336249	0.007				
25.10	**27.20**	**E2T**	**Intermediate Tuff**	**GS1**									
Dark grey, very fine grained. Weak bt-rich banding, trace very fine sulphides in veinlets parallel to foliation													
27.20	**28.40**	**I3C**	**Granodiorite**	**GS2**									
Light green. Chloritized granodiorite, with 3-5% <3mm kspar phenos and 3-5% <2 mm chlorite clots													
28.40	**42.60**	**E2T**	**Intermediate Tuff**	**GS3**									
Dark grey, matrix to clast supported lapilli tuff. Polymict, with chl-rich and ser-rich lapilli. 3-4:1 ratio, angular. Trace foliation parallel fine grained pyrite													
<<Min: 28.4 - 32: 0.5% pyrite>>													
<<Min: 36.5 - 47: 0.5% pyrite>>													
					28.40	29.70	1.30	336250	0.0025				
					29.70	31.00	1.30	336251	0.0025				
					31.00	32.00	1.00	336252	0.0025				
					36.65	37.65	1.00	336253	0.0025				
					37.65	39.00	1.35	336254	0.0025				
					39.00	40.50	1.50	336255	0.0025				
					40.50	41.50	1.00	336256	0.0025				

Hole: PAC-19-016

From (m)	To (m)		Rock Type & Description	
42.60	**45.15**	**E1**	**mafic volcanics**	**GS1**
Green, foliated, alternating bands with variation in chlortie concentration. UCT+LCT partly transposed into foliation. Tr-1% Py+Po in <1 mm veinlets parallel to foliation and 3:1 blebs				
45.15	**48.60**	**E2T**	**Intermediate Tuff**	**GS3**
Grey-beige, potential flow or intrusion of intermediate volcanics. Tr vfg py. 7-9% <1 mm sericitized fdspar phenos				
48.60	**49.70**	**I1**	**Mafic intrusive**	**GS2**
Green, medium grained, homoegnous. Refraction of foliation within this "softer" unit (alpha=30). <<Struc: 48.6 - 49.7: strong Foliation 30 deg. >>				
49.70	**58.95**	**E2T**	**Intermediate Tuff**	**GS3**
Grey, clast to matrix-supported lapilli tuff. Domintaly ser-rich 5-25mm lapilli, 2-5:1 ratio. Interval contains trace qz-ep-cc-py folded and transposed veins <<Min: 49.7 - 82: 0.5% pyrite>> In IVOL lapilli tuff with foliation-parallel chlorite bands <<Struc: 49.7 - 72.5: strong Foliation 50 deg. >>				
58.95	**59.60**	**I3B**	**Tonalite**	**GS2**
Green, moderate foliation, 12-15% chlorite. No sulphides				
59.60	**71.60**	**E2T**	**Intermediate Tuff**	**GS3**
Grey, matrix-supported lapilli tuff. Very fine grained matrix. Moderate chloritization in <3 cm foliation-parallel bands. Tr-1% vfg diss py and in foliation parallel disc. Veinlets <<Alt: 59.6 - 71.6: moderate Chlorite>> Moderate chloritization in foliation parallel <5 cm bands in intermediate volcaniclastics				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
41.50	42.60	1.10	336257	0.0025				
42.60	44.00	1.40	336258	0.0025				
44.00	45.15	1.15	336259	0.0025				
46.00	47.00	1.00	336260					
49.70	51.00	1.30	336261					
51.00	52.50	1.50	336262					
52.50	54.00	1.50	336263					
54.00	55.50	1.50	336264					
55.50	57.00	1.50	336265					
57.00	58.00	1.00	336267					
58.00	58.95	0.95	336268					
59.60	61.00	1.40	336269					
61.00	62.00	1.00	336270					
62.00	62.80	0.80	336271					
62.80	64.00	1.20	336272					

Hole: PAC-19-016

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			64.00	65.00	1.00	336273	0.0025				
			65.00	66.00	1.00	336274	0.0025				
			66.00	67.50	1.50	336275	0.0025				
			67.50	69.00	1.50	336276	0.0025				
			69.00	70.50	1.50	336277	0.0025				
			70.50	71.60	1.10	336278	0.0025				
71.60	**72.50**	**I1B Diabase GS2**									
Green, unfoliated, with mafic to intermediate composition moving downhole											
72.50	**93.14**	**E2T Intermediate Tuff GS3**	72.50	73.70	1.20	336279	0.0025				
Grey, matrix-supported lapilli tuff. Very fine grained matrix. Moderate chloritization in <3 cm foliation-parallel bands. Tr-1% vfg diss py and in foliation parallel disc. Veinlets											
<<Alt: 72.5 - 88: moderate Chlorite>> Moderate chloritization in foliation parallel <5 cm bands in intermediate volcaniclastics			75.30	76.60	1.30	336280	0.0025				
<<Struc: 72.5 - 74: strong Foliation 40 deg. >>			81.00	82.50	1.50	336281	0.0025				
<<Struc: 74 - 98: moderate Foliation 50 deg. >>			84.00	85.15	1.15	336282	0.0025				
93.14	**99.12**	**E1 mafic volcanics GS2**									
Green, with rare foliation parallel <3 cm qz-ep bands (selvages?). 3-5% 1-2 mm potential FeCB porphyroblasts											
<<Struc: 98 - 106: strong Foliation 60 deg. >>											
			93.14	94.00	0.86	336283	0.0025				
			94.00	95.50	1.50	336284	0.0025				
99.12	**103.11**	**E2T Intermediate Tuff GS3**									
Dark grey. Fine grained lapilli tuff with bt-rich lapilli. Weak to moderate chlorite alteration in <10 cm bands (transposed stwk?)											
103.11	**104.33**	**I3B Tonalite GS1**									
Green, 10-15% chloritized amphibolke with 10-15% 1-3mm qtz. Very weak foliation and small chill margin											
104.33	**106.00**	**E2T Intermediate Tuff GS3**									
Dark grey. Fine grained lapilli tuff with bt-rich lapilli. Weak to moderate chlorite alteration in <10 cm bands (transposed stwk?)											
106.00	**136.21**	**E2 Intermediate GS1**	108.32	109.25	0.93	336285	0.0025				
Dark grey, very fine grained and homogenous groundmass. No lapilli, rare <1mm chl clots in <5 cm foliaiton parallel bands. Potential pervasive silicification. Pervasive hematization and epidote fractures in fault zone											

Hole: PAC-19-016

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Min: 132.5 - 149.5: 0.5% pyrite / 0.5% pyrrhotite>> in sericitized IVOL	109.25	110.00	0.75	336287	0.0025				
		<<Alt: 111 - 116: weak Epidote>> Brittle fault zone	114.05	115.00	0.95	336288	0.0025				
		<<Alt: 127 - 167: moderate Sericite>> Moderate to strong serictization in IVOL occurring as foliation parallel <1-20 mm bands. Potential weak silicification associated	115.00	116.00	1.00	336289	0.0025				
		<<Struc: 112 - 114: weak Fault>> late brittle fault with common epidote-filled fractures and hematization/kspar alteration. Poor recovery	122.00	123.50	1.50	336290	0.0025				
		<<Struc: 129 - 139: strong Foliation 35 deg. >>	123.50	125.00	1.50	336291	0.0025				
			125.00	126.50	1.50	336292	0.0025				
			127.77	129.00	1.23	336293	0.0025				
			129.00	130.50	1.50	336294	0.0025				
			130.50	132.00	1.50	336295	0.0025				
			132.00	132.76	0.76	336296	0.0025				
			132.76	134.00	1.24	336297	0.0025				
			134.00	135.00	1.00	336298	0.0025				
			135.00	136.21	1.21	336299	0.0025				
136.21	**137.47**	**I3B Tonalite** **GS2** Green, 10-15% chloritized amphibole with 10-15% 1-3mm qtz. Very weak foliation and small chill margin									
			137.47	138.50	1.03	336300	0.0025				
137.47	**175.50**	**E2 Intermediate** **GS1**	138.50	140.00	1.50	336301	0.0025				
		Dark grey and beige, very fine grained. No lapilli, rare qtz <2mm phenos. Moderate sericite alteration in foliation parallel <5 cm interval. Rare qz-cc-py-po<1cm veins									
		<<Struc: 139 - 159: strong Foliation 50 deg. >>	140.00	141.50	1.50	336302	0.0025				
			141.50	143.00	1.50	336303	0.0025				
			143.00	144.50	1.50	336304	0.0025				
			144.50	146.00	1.50	336305	0.0025				
			146.00	147.50	1.50	336307	0.0025				
			147.50	149.00	1.50	336308	0.0025				
			149.00	150.00	1.00	336309	0.0025				
			165.00	166.00	1.00	336310	0.0025				
			166.00	167.00	1.00	336311	0.0025				
			167.00	168.50	1.50	336312	0.0025				

Hole: PAC-19-016

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			168.50	169.70	1.20	336313	0.0025				
175.50	**176.76**	**I1 Mafic intrusive GS1** Green cross cutting mafic intrusion. Chlorite and biotite rich. Distinct upper and lower contacts.									
176.76	**187.80**	**E2 Intermediate GS1** Dark grey and beige, very fine grained. No lapilli, rare qtz <2mm phenos. Moderate sericite alteration in foliation parallel <5 cm interval. Rare qz-cc-py-po<1cm veins <<Alt: 177 - 198: weak K-feldspar>> <<Vein: 185.6 - 185.7: Quartz vein contain >90% quartz>> Five small ~2-4mm quartz veins parallel to foliation with biotite and pyrite									
			183.50	185.00	1.50	336314	0.0025				
			185.00	186.50	1.50	336315	0.0025				
			186.50	187.80	1.30	336316	0.0025				
			187.80	188.70	0.90	336317	0.0025				
187.80	**188.70**	**I1 Mafic intrusive GS1** Green cross cutting mafic intrusion. Chlorite and biotite rich. Distinct upper and lower contacts. ~3% fine to medium grained euhedral disseminated pyrite throughout interval. Silica rich groundmass. <<Min: 187.8 - 188.7: 2% pyrite>>									
188.70	**191.10**	**E2 Intermediate GS1** Dark grey and beige, very fine grained. No lapilli, rare qtz <2mm phenos. Moderate sericite alteration in foliation parallel <5 cm interval. Rare qz-cc-py-po<1cm veins <<Min: 190.1 - 191: 2% pyrite>>									
			188.70	190.50	1.80	336318	0.0025				
			190.50	192.00	1.50	336319	0.0025				
191.10	**192.35**	**I2 Intermediate intrusive GS1** Grey intermediate intrusion with disseminated fine grained biotite aligned with structure throughout.	192.00	193.50	1.50	336320	0.0025				
192.35	**195.13**	**I1A Gabbro GS2** Fine to medium grained mafic intrusion, coarsens with depth. Small fault zone at ~194.1 with broken pieces and fault gauge. <<Struc: 194.1 - 194.25: moderate Fault>> Broken fault zone with fault gauge on fracture surfaces.	193.50	195.00	1.50	336321	0.0025				
			195.00	196.50	1.50	336322	0.0025				
195.13	**198.80**	**E2 Intermediate GS1** Dark grey and beige, very fine grained. No lapilli, rare qtz <2mm phenos. Moderate sericite alteration in foliation parallel <5 cm interval. Rare qz-cc-py-po<1cm veins	196.50	198.00	1.50	336323	0.0025				

Hole: PAC-19-016

From (m)	To (m)	Rock Type & Description		
198.80	**201.35**	**I1** **Mafic intrusive**		**GS1**

Fine grained green mafic intrusion. Weak disseminated pyrite mineralization, also found in thin stringers. Weak thin quartz veining with py and cp mineralization.

From (m)	To (m)	Rock Type & Description		
201.35	**204.00**	**E2** **Intermediate**		**GS1**

Dark grey and beige, very fine grained. No lapilli, rare qtz <2mm phenos. Moderate sericite alteration in foliation parallel <5 cm interval. Rare qz-cc-py-po<1cm veins

End of Hole @ 204

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
198.00	199.50	1.50	336324	0.0025				
199.50	201.00	1.50	336325	0.0025				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-017

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-01-06	**Core Size:**	NQ
UTM East:	439718.88	**Azimuth:**	357	**Date Completed:**	2020-01-11	**Casing Pulled?:**	☐
UTM North:	5646746.59	**Dip:**	-51	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	418.06	**Length (m):**	201	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐
		High Au Assay (17.2ppm)					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	Reflex			-50.7	356.6			58630	☑	
15	Reflex			-50.6	356.1			57824	☑	
18	Reflex			-50.5	357.1			57612	☑	
21	Reflex			-50.5	356.5			57072	☑	
24	Reflex			-50.3	356.9			57126	☑	
27	Reflex			-50.3	357.1			57048	☑	
33	Reflex			-50.2	356.4			56949	☑	
36	Reflex			-50	356.4			56983	☑	
39	Reflex			-49.9	356.4			56948	☑	
42	Reflex			-49.8	356.5			56930	☑	
45	Reflex			-49.7	356.2			56937	☑	
48	Reflex			-49.6	356.3			56947	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-49.6	356.4			56896	☑	
54	Reflex			-49.5	356.4			56925	☑	
57	Reflex			-49.3	356.6			56928	☑	
60	Reflex			-49.3	356.4			56958	☑	
72	Reflex			-48.8	356.1			56837	☑	
75	Reflex			-48.8	356.6			56923	☑	
78	Reflex			-48.7	356.4			56959	☑	
81	Reflex			-48.7	356.5			56909	☑	
84	Reflex			-48.7	356.4			56873	☑	
87	Reflex			-48.6	356.2			56879	☑	
90	Reflex			-48.5	356.2			56899	☑	
93	Reflex			-48.5	356.2			56912	☑	
96	Reflex			-48.5	356.1			56901	☑	
99	Reflex			-48.3	356.4			56937	☑	
102	Reflex			-48.3	356.2			56943	☑	
105	Reflex			-48.3	356.3			56948	☑	
108	Reflex			-48.3	356.6			57009	☑	
111	Reflex			-48.3	356.5			57033	☑	
114	Reflex			-48.2	356.1			57064	☑	
117	Reflex			-48.1	356			56980	☑	
120	Reflex			-48.1	355.9			56932	☑	
123	Reflex			-48	356.1			56991	☑	
129	Reflex			-47.9	356			56904	☑	
132	Reflex			-47.8	355.7			56903	☑	

Hole: PAC-20-017

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
135	Reflex			-47.8	356			56882	☑	
141	Reflex			-47.7	355.5			56879	☑	
144	Reflex			-47.6	355.9			56856	☑	
147	Reflex			-47.6	355.7			56786	☑	
150	Reflex			-47.6	355.7			56847	☑	
156	Reflex			-47.5	355.6			56941	☑	
162	Reflex			-47.4	356.4			56936	☑	
165	Reflex			-47.4	355.5			56743	☑	
168	Reflex			-47.4	355.6			56763	☑	
171	Reflex			-47.4	356.2			57486	☑	
174	Reflex			-47.3	355.9			56859	☑	
177	Reflex			-47.3	355.9			56953	☑	
180	Reflex			-47.3	355.8			56935	☑	
183	Reflex			-47.3	356.2			57131	☑	
186	Reflex			-47.3	355.5			56733	☑	
189	Reflex			-47.2	355.7			56857	☑	
192	Reflex			-47.2	355.8			56909	☑	
195	Reflex			-47.2	355.9			57016	☑	
198	Reflex			-47.1	356			56918	☑	
201	Reflex			-47.1	356.1			56903	☑	

Hole: PAC-20-017

From (m)	To (m)		Rock Type & Description	
0.00	**3.70**	**OB**	**Overburden**	
3.70	**8.62**	**E2T**	**Intermediate Tuff**	**GS1**
Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Fracture related potassic or hematite a				
<<Alt: 4 - 8: moderate K-feldspar>>				
<<Vein: 7 - 7.02: Quartz vein contain >90% quartz>> Unmineralized crosscutting white opaque quartz vein				
<<Struc: 4 - 87: weak Foliation 50 deg. >>				
8.62	**8.94**	**I2**	**Intermediate intrusive**	**GS1**
Medium-dark grey crosscutting intermediate intrusion. 1-3mm books of biotite make up ~15% of interval, aligned with weak foliation				
8.94	**13.87**	**E2T**	**Intermediate Tuff**	**GS1**
Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Fracture related potassic or hematite a				
13.87	**14.45**	**I3S**	**Feldspar porphyry**	**GS1**
Grey porphyritic felsic intrusion. Groundmass is grey, hard and heavily silicified, floating white subhedral 1-4mm plag crystals distributed through interval. Sharp planar upper and lower contacts.				
14.45	**34.62**	**E2T**	**Intermediate Tuff**	**GS1**
Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Fracture related potassic or hematite a				
<<Min: 14.45 - 15: 2% pyrite>>				
<<Min: 16.3 - 16.7: 2% pyrite>>				
<<Vein: 16.3 - 16.31: Quartz-Carbonate vein contain 10-90% quartz>> Quartz carbonate vein with chlorite sericite alteration				
<<Vein: 16.6 - 16.63: Quartz vein contain >90% quartz>> Quartz vein with sericite, pyrite and carbonate on vein boundary				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
13.00	15.00	2.00	336327	0.02				
15.00	16.25	1.25	336328	0.008				
16.25	16.75	0.50	336329	17.17				
16.75	18.00	1.25	336330	0.01				
32.00	33.00	1.00	336331	0.095				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			33.00	34.00	1.00	336332	0.011				
			34.00	35.00	1.00	336333	0.009				
34.62	**35.18**	**I2 Intermediate intrusive GS1** Grey green intermediate-mafic crosscutting intrusion. Chlorite and biotite altered, weak foliation.									
			35.00	36.00	1.00	336334	0.0025				
35.18	**38.16**	**E2T Intermediate Tuff GS1** Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Fracture related potassic or hematite a	36.00	37.00	1.00	336335	0.009				
38.16	**38.80**	**M4 Amphibolite GS2** Green mafic intrusion with 2-6mm subhedral amphibole crystals, moderate structure (as a result of the malleability of the unit?) <<Alt: 38.16 - 38.8: moderate Epidote / strong Amphibole>>									
38.80	**52.83**	**E2T Intermediate Tuff GS1** Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Fracture related potassic or hematite a									
			40.00	41.00	1.00	336336	0.006				
			41.00	42.00	1.00	336337	0.0025				
			42.00	43.00	1.00	336338	0.0025				
			52.00	53.50	1.50	336339	0.009				
52.83	**63.20**	**E1A Basalt GS1** Medium-dark green fine grained homogeneous basalt. Largely featureless, weak thin quartz carbonate veining with sulphides and alteration.	53.50	55.00	1.50	336340	0.01				
			55.00	56.50	1.50	336341	0.0025				
			56.50	58.00	1.50	336342	0.006				
			58.00	59.50	1.50	336343	0.0025				
			59.50	61.00	1.50	336344	0.0025				
			61.00	62.10	1.10	336345	0.016				
			62.10	63.20	1.10	336346	0.01				

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From (m)	To (m)		Rock Type & Description	
63.20	**65.68**	**I3B**	**Tonalite**	**GS1**
Medium grey felsic intrusion. Compositionally appears to be a tonalite but siliceous flooding obscures much of the texture. Weakly foliated.				
65.68	**87.14**	**E2T**	**Intermediate Tuff**	**GS1**
Largely as above ITF. Slightly more sericite at contacts with small intrusions and fractured intervals. More homogenous interval from ~68.3-71.7m, irregular contact which is why I don't believe it to be the basaltic unit above. Strong banded biotite alter				
87.14	**87.65**	**I1**	**Mafic intrusive**	**GS1**
Fine grained green interval with thing stringers of pyrite in fractures.				
87.65	**88.35**	**E2T**	**Intermediate Tuff**	**GS1**
Largely as above ITF. Slightly more sericite at contacts with small intrusions and fractured intervals. More homogenous interval from ~68.3-71.7m, irregular contact which is why I don't believe it to be the basaltic unit above. Strong banded biotite alter				
88.35	**92.17**	**E3T**	**Felsic Tuff**	**GS3**
Strongly brecciated and altered felsic tuff. Healed breccia components that appear hydrothermal and broken breccia components with fault gauge that are likely more structural. Very heterogeneous interval. Strong potassic/hematite alteration, strong serici				
<<Min: 89.9 - 89.95: 2% arsenopyrite / 2% chalcopyrite / 2% sphalerite>> Small accretion of sulphide minerals				
<<Alt: 88.75 - 88.8: moderate Hematitic>>				
<<Alt: 88.8 - 91.6: strong K-feldspar / moderate Hematitic>>				
<<Alt: 91.6 - 92.17: moderate Hematitic>>				
<<Struc: 88.75 - 89.2: Breccia>> weakly brecciated zone				
<<Struc: 89.2 - 89.35: moderate Fault>> broken zone held together by fault gauge				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
65.60	67.00	1.40	336348	0.0025				
67.00	68.50	1.50	336349	0.007				
68.50	70.00	1.50	336350	0.009				
70.00	71.50	1.50	336351	0.02				
71.50	73.00	1.50	336352	0.0025				
73.00	74.50	1.50	336353	0.009				
81.00	82.50	1.50	336354	0.009				
82.50	84.00	1.50	336355	0.008				
84.00	85.50	1.50	336356	0.009				
85.50	87.00	1.50	336357	0.0025				
87.00	88.50	1.50	336358	0.0025				

Hole: PAC-20-017

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 89.35 - 91: Breccia>> weak to moderate breccia zone									
			88.50	90.00	1.50	336359	0.0025				
			90.00	91.50	1.50	336360	0.009				
			91.50	93.00	1.50	336361	0.009				
92.17	**92.75**	**E2T Intermediate Tuff GS1**									
		Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un									
92.75	**93.50**	**I2A Diorite GS1**	93.00	94.00	1.00	336362	0.0025				
		Grey-green-brown felsic intrusion. Groundmass is silicified and its texture obscured. Subround white and cream plagioclase crystals with groundmass. Moderate chlorite and biotite alteration throughout, fine to medium grained disseminated pyrite throughout									
		<<Min: 92.75 - 93.5: 10% pyrite>>									
93.50	**99.64**	**E2T Intermediate Tuff GS1**	94.00	95.00	1.00	336363	0.0025				
		Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un									
		<<Struc: 95.7 - 111: weak Foliation 45 deg. >>	95.00	96.00	1.00	336364	0.0025				
99.64	**100.37**	**I2A Diorite GS1**									
		Medium green chlorite altered felsic intrusion. Fine grained disseminated pyrite throughout.									
			100.00	101.00	1.00	336365	0.0025				
100.37	**122.50**	**E2T Intermediate Tuff GS1**	101.00	102.00	1.00	336366	0.0025				
		Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un									
		<<Alt: 108.3 - 109.5: strong Calcite>>	102.00	103.00	1.00	336368	0.007				
		<<Alt: 111 - 116: strong Silicification>>	103.00	104.50	1.50	336369	0.0025				
		<<Alt: 118.75 - 119.9: moderate Calcite>>	108.00	109.50	1.50	336370	0.007				
		<<Alt: 119.9 - 122: weak Calcite>>	109.50	111.00	1.50	336371	0.007				
		<<Vein: 101.15 - 101.18: Quartz-Carbonate vein contain 10-90% quartz>> Viterous grey quartz vein with chlorite and carbonate	117.00	118.50	1.50	336372	0.01				
		<<Struc: 117 - 140.5: weak Foliation>>	118.50	120.00	1.50	336373	0.02				
			120.00	121.50	1.50	336374	0.0025				
			121.50	122.50	1.00	336375	0.0025				

Hole: PAC-20-017

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
122.50	**123.06**	**I2** **Intermediate intrusive**	**GS1**									
Obscured intrusion. Disseminated fine grained epidote throughout, lesser chlorite alteration. Groundmass is silicified, medium grey and obscured. Disseminated arsenopyrite throughout.												
123.06	**128.15**	**E2T** **Intermediate Tuff**	**GS1**									
Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un												
<<Alt: 123.06 - 124: moderate K-feldspar / strong Silicification>>												
<<Alt: 124 - 128: strong Silicification>>												
<<Alt: 128 - 137: strong Silicification / weak K-feldspar>>												
<<Vein: 126.9 - 126.91: Quartz vein contain >90% quartz>>		Thin quartz vein with heavy alteration										
<<Vein: 127.1 - 127.11: Quartz vein contain >90% quartz>>		Thin quartz vein with heavy alteration										
<<Vein: 127.35 - 127.38: Quartz vein contain >90% quartz>>		Quartz vein transporting intense alteration.										
<<Vein: 127.5 - 127.51: Quartz vein contain >90% quartz>>												
<<Vein: 127.8 - 127.82: Quartz vein contain >90% quartz>>												
<<Vein: 127.9 - 127.91: Quartz vein contain >90% quartz>>												
				123.06	124.50	1.44	336376	0.007				
				124.50	126.00	1.50	336377	0.0025				
				126.00	127.00	1.00	336378	0.0025				
				127.00	128.15	1.15	336379	0.01				
128.15	**128.75**	**I1** **Mafic intrusive**	**GS1**									
Fine grained medium green mafic intrusion. Upper and lower contact in rubbled zones. Homogeneous. Sericite alteration in hairline fractures.												
128.75	**135.33**	**E2T** **Intermediate Tuff**	**GS1**	128.75	130.00	1.25	336380	0.012				
Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un												
				130.00	131.00	1.00	336381	0.008				
				131.00	132.50	1.50	336382	0.012				
				132.50	134.00	1.50	336383	0.015				
				134.00	135.33	1.33	336384	0.008				
135.33	**135.85**	**I1** **Mafic intrusive**	**GS1**									
Fine grained medium green mafic intrusion. Groundmass is moderately silicified, some medium grained chlorite crystals.												

Hole: PAC-20-017

From (m)	To (m)	Rock Type & Description
135.85	**144.97**	**E2T** **Intermediate Tuff** **GS1**
Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un		
<<Alt: 137 - 147: moderate K-feldspar / strong Silicification>>		
<<Struc: 140.5 - 147: Breccia>> weak hydrothermal breccia		
144.97	**145.20**	**I1** **Mafic intrusive** **GS1**
Dark green crosscutting mafic intrusion, homogeneous, chlorite and biotite alteration.		
145.20	**150.00**	**E2T** **Intermediate Tuff** **GS1**
Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un		
<<Alt: 147 - 154.6: strong Silicification>>		
<<Struc: 147 - 168.23: weak Foliation>>		
150.00	**150.79**	**I1** **Mafic intrusive** **GS1**
Medium green mafic intrusion. Silicified groundmass, homogeneous, chlorite and biotite alteration.		
150.79	**158.22**	**E2T** **Intermediate Tuff** **GS1**
Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un		
<<Alt: 154.6 - 162: strong Silicification / weak K-feldspar>> Potassic alt in hairline fractures		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
135.85	137.00	1.15	336385	0.016				
137.00	138.00	1.00	336386	0.017				
138.00	139.50	1.50	336388	0.012				
139.50	141.00	1.50	336389	0.007				
141.00	142.50	1.50	336390	0.01				
142.50	144.00	1.50	336391	0.009				
144.00	145.50	1.50	336392	0.0025				
145.50	147.00	1.50	336393	0.009				
147.00	148.50	1.50	336394	0.005				
148.50	150.00	1.50	336395	0.014				
150.79	152.50	1.71	336396	0.0025				
152.50	154.00	1.50	336397	0.0025				
154.00	155.50	1.50	336398	0.0025				
155.50	157.00	1.50	336399	0.007				
157.00	158.32	1.32	336400	0.0025				

Hole: PAC-20-017

From (m)	To (m)		Rock Type & Description	
158.22	**160.32**	**I1**	**Mafic intrusive**	**GS1**
Medium green mafic intrusion with silicified groundmass, slight mixing with intermediate host.				
<<Min: 159.1 - 159.7: 2% pyrite>>				
160.32	**162.00**	**E2T**	**Intermediate Tuff**	**GS1**
Heterogenous intermediate tuff interval. Large variability in ash/tuff continuity. Distinct intervals with elongated large lapillis and other intervals of more homogeneous grey ash. Unit is selectively altered, silica, epidote, potassium, and sericite. Un				
162.00	**165.10**	**I1A**	**Gabbro**	**GS2**
Fine to medium grained green gabbro. Homogeneous interval. Mineral assemblage is dominated by interstitial quartz, green chlorite, and subhedral biotite. Undeformed				
<<Alt: 162 - 168.2: weak K-feldspar>> Potassic alt in hairline fractures				
165.10	**168.23**	**E2T**	**Intermediate Tuff**	**GS3**
As above major intermediate tuff. Grey ash homogeneous intermediate volcanic. Fracture related potassic alteration. Patchy magnetism associated with fine magnetite crystals in bands.				
168.23	**179.08**	**I1A**	**Gabbro**	**GS2**
Fine to medium grained green gabbro. Homogeneous interval. Mineral assemblage is dominated by interstitial quartz, green chlorite, and subhedral biotite. Undeformed				
179.08	**179.90**	**E2T**	**Intermediate Tuff**	**GS1**
As surrounding ITF				
179.90	**181.20**	**I1A**	**Gabbro**	**GS2**
Fine to medium grained green gabbro. Homogeneous interval. Mineral assemblage is dominated by interstitial quartz, green chlorite, and subhedral biotite. Undeformed				
181.20	**192.12**	**E2T**	**Intermediate Tuff**	**GS1**
Grey intermediate volcanic. Parts with distinct deformed lapillis and more biotite/chlorite alteration. Ash intervals are more silicified. From ~193-193 section of increased silica flooding/quartz veining, largely unmineralized but slightly altered. Weak				
<<Alt: 189.4 - 190.25: moderate K-feldspar>>				
<<Alt: 191.8 - 193.1: strong Silicification>>				
<<Vein: 189.55 - 189.6: with sulphides>> Opaque white bull QV with py and pot alt				
<<Struc: 181.2 - 184: weak Foliation 50 deg. >>				
<<Struc: 192 - 195: moderate Foliation 60 deg. >>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
187.85	189.35	1.50	336401	0.024				
189.35	189.65	0.30	336402	0.0025				

Hole: PAC-20-017

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			189.65	191.00	1.35	336403	0.0025				
			191.00	192.50	1.50	336404	0.0025				
192.12	**192.30**	**I1 Mafic intrusive GS1**									
Green crosscutting mafic intrusion. 1mm veinlet with pyrite.											
192.30	**196.00**	**E2T Intermediate Tuff GS1**	192.50	193.00	0.50	336405	0.0025				
Grey intermediate volcanic. Parts with distinct deformed lapillis and more biotite/chlorite alteration. Ash intervals are more silicified. From ~193-193 section of increased silica flooding/quartz veining, largely unmineralized but slightly altered. Weak											
<<Min: 193.35 - 193.4: 2% pyrite / 2% sphalerite / 2% pyrrhotite>>			193.00	193.50	0.50	336406	0.0025				
<<Alt: 193.1 - 194: intense Silicification>>			193.50	194.00	0.50	336408	0.008				
<<Alt: 194 - 196: strong Silicification>>			194.00	194.50	0.50	336409	0.006				
<<Vein: 193.45 - 193.7: Quartz vein contain >90% quartz>> Grey quartz vein stockwork associated with small structure, increased alteration and silification.			194.50	195.00	0.50	336410	0.0025				
<<Vein: 194.25 - 194.27: with sulphides>> Dark grey quartz vein with structure			195.00	196.00	1.00	336411	0.0025				
196.00	**199.00**	**I1 Mafic intrusive**	198.00	199.00	1.00	336412	0.0025				
Medium to dark fine grained green mafic intrusion. Hairline fractures running through most of the interval. Trace py.											
<<Vein: 198.45 - 198.48: Quartz vein contain >90% quartz>> White to grey vitrous QV parallel to structure with trace py											
199.00	**201.00**	**E2T Intermediate Tuff GS1**	199.00	200.00	1.00	336413	0.0025				
As above intermediate volcanic. No lapilli components.											
<<Alt: 199.7 - 201: strong Silicification>>			200.00	201.00	1.00	336414	0.0025				

End of Hole @ 201

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-018

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-01-12	**Core Size:**	NQ
UTM East:	439712.45	**Azimuth:**	11	**Date Completed:**	2020-01-12	**Casing Pulled?:**	☐
UTM North:	5646913.51	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	408.2	**Length (m):**	18	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-49.8	11.1			57863	☑	
18	Reflex			-49.8	11.4			57536	☑	

Hole: PAC-20-018

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.00**	**OB**	**Overburden**										
2.00	**3.65**	**E3T**	**Felsic Tuff**	**GS3**									
Grey felsic to intermediate polygenic lapilli tuff. Felsic clasts are the dominant lapillis. Weak to moderate foliation throughout, stretching the clasts. Patchy potassic and epidote alteration throughout, felsic clasts appear more susceptible to potassic													
<<Alt: 2 - 3.65: moderate Epidote / strong K-feldspar>>													
<<Struc: 2 - 18: weak Foliation 45 deg. >>													
3.65	**5.18**	**I1**	**Mafic intrusive**	**GS1**									
Green fine grained crosscutting mafic intrusion with distinct contacts.													
5.18	**6.90**	**E3T**	**Felsic Tuff**	**GS3**									
Grey felsic to intermediate polygenic lapilli tuff. Felsic clasts are the dominant lapillis. Weak to moderate foliation throughout, stretching the clasts. Patchy potassic and epidote alteration throughout, felsic clasts appear more susceptible to potassic													
6.90	**7.28**	**I1**	**Mafic intrusive**	**GS1**									
Slightly deformed with trace pyrite.													
7.28	**8.08**	**E3T**	**Felsic Tuff**	**GS3**									
Grey felsic to intermediate polygenic lapilli tuff. Felsic clasts are the dominant lapillis. Weak to moderate foliation throughout, stretching the clasts. Patchy potassic and epidote alteration throughout, felsic clasts appear more susceptible to potassic													
8.08	**9.85**	**I1**	**Mafic intrusive**	**GS1**									
Trace pyrite stringers in hairline fractures													
9.85	**10.82**	**E3T**	**Felsic Tuff**	**GS3**									
Grey felsic to intermediate polygenic lapilli tuff. Felsic clasts are the dominant lapillis. Weak to moderate foliation throughout, stretching the clasts. Patchy potassic and epidote alteration throughout, felsic clasts appear more susceptible to potassic													
10.82	**11.40**	**I1**	**Mafic intrusive**	**GS1**									
Small to medium grained amygdules													
11.40	**11.66**	**E3T**	**Felsic Tuff**	**GS3**									
Grey felsic to intermediate polygenic lapilli tuff. Felsic clasts are the dominant lapillis. Weak to moderate foliation throughout, stretching the clasts. Patchy potassic and epidote alteration throughout, felsic clasts appear more susceptible to potassic													
11.66	**12.85**	**I1**	**Mafic intrusive**	**GS1**									
Sericite, epidote, and potassic alteration in hairline fractures.													

Hole: PAC-20-018

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
12.85	**18.00**	**E3T Felsic Tuff GS3** Grey felsic to intermediate polygenic lapilli tuff. Felsic clasts are the dominant lapillis. Weak to moderate foliation throughout, stretching the clasts. Patchy potassic and epidote alteration throughout, felsic clasts appear more susceptible to potassic <<Alt: 13.3 - 18: moderate Epidote / moderate K-feldspar>> Disseminated epidote in felsic clasts.Radiates outwards from fractures.									

End of Hole @ 18

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-018A

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-01-12	**Core Size:**	NQ
UTM East:	439712.45	**Azimuth:**	22	**Date Completed:**	2020-01-17	**Casing Pulled?:**	☐
UTM North:	5646913.51	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	408.2	**Length (m):**	252	**Drill Rig:**		**Casing Depth (m):**	2
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
27	Reflex			-49.5	22			56910	☑	
30	Reflex			-49.5	22.1			56884	☑	
36	Reflex			-49.4	22			56847	☑	
39	Reflex			-49.3	22.7			56845	☑	
42	Reflex			-49.3	22.3			56874	☑	
45	Reflex			-49.2	22.4			56890	☑	
48	Reflex			-49.2	22			56914	☑	
54	Reflex			-49.1	22.3			56865	☑	
57	Reflex			-49	22.6			56818	☑	
60	Reflex			-49	22.2			56876	☑	
63	Reflex			-48.9	22.2			56890	☑	
66	Reflex			-48.9	22.3			56839	☑	
69	Reflex			-48.8	22.3			56846	☑	

Hole: PAC-20-018A

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
72	Reflex			-48.8	22.3			56863	☑	
75	Reflex			-48.7	22.4			56872	☑	
78	Reflex			-48.6	22.3			56888	☑	
81	Reflex			-48.5	22.1			56909	☑	
84	Reflex			-48.5	22.1			56859	☑	
87	Reflex			-48.5	22.3			56874	☑	
90	Reflex			-48.4	22.3			56864	☑	
93	Reflex			-48.4	22.4			56871	☑	
96	Reflex			-48.3	22.3			56875	☑	
102	Reflex			-48.2	22			56772	☑	
108	Reflex			-48.1	22			56902	☑	
111	Reflex			-48	22.2			56887	☑	
114	Reflex			-47.9	22			56902	☑	
117	Reflex			-47.9	22			56909	☑	
120	Reflex			-47.8	21.9			56917	☑	
123	Reflex			-47.8	21.9			56917	☑	
126	Reflex			-47.8	21.8			56886	☑	
129	Reflex			-47.7	21.8			56889	☑	
132	Reflex			-47.6	21.8			56870	☑	
135	Reflex			-47.6	21.9			56872	☑	
138	Reflex			-47.5	21.9			56883	☑	
141	Reflex			-47.4	21.8			56891	☑	
144	Reflex			-47.2	21.8			56844	☑	
147	Reflex			-47.1	21.9			56918	☑	

Hole: PAC-20-018A

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
150	Reflex			-47.1	21.8			56930	☑	
153	Reflex			-47	21.7			56943	☑	
162	Reflex			-46.8	21.7			56956	☑	
165	Reflex			-46.7	21.9			56865	☑	
168	Reflex			-46.6	21.8			56834	☑	
171	Reflex			-46.6	21.8			56899	☑	
174	Reflex			-46.5	21.6			56925	☑	
177	Reflex			-46.4	21.6			56885	☑	
180	Reflex			-46.4	21.6			56889	☑	
183	Reflex			-46.4	21.7			56882	☑	
186	Reflex			-46.3	21.6			56880	☑	
189	Reflex			-46.3	21.4			56864	☑	
192	Reflex			-46.3	21.8			56889	☑	
195	Reflex			-46.2	21.7			56859	☑	
201	Reflex			-46	21.5			56879	☑	
204	Reflex			-45.9	21.5			56860	☑	
207	Reflex			-45.9	21.6			56876	☑	
210	Reflex			-45.8	21.5			56919	☑	
213	Reflex			-45.9	21.5			56919	☑	
216	Reflex			-45.8	21.6			56871	☑	
219	Reflex			-45.8	21.4			56885	☑	
222	Reflex			-45.7	21.3			56871	☑	
225	Reflex			-45.7	21.4			56843	☑	
228	Reflex			-45.7	21.6			56873	☑	

Hole: PAC-20-018A

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
231	Reflex			-45.7	21.4			56865	☑	
234	Reflex			-45.7	21.1			56759	☑	
237	Reflex			-45.6	21.6			56831	☑	
240	Reflex			-45.4	21.7			56859	☑	
243	Reflex			-45.5	21.6			56858	☑	
246	Reflex			-45.5	21.4			56831	☑	
249	Reflex			-45.5	21.4			56829	☑	
252	Reflex			-45.5	21.5			56822	☑	

Hole: PAC-20-018A

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.35**	**OB**	**Overburden**										
2.35	**3.56**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 2.35 - 3.2: moderate Epidote / weak K-feldspar>>													
<<Alt: 3.2 - 3.5: moderate Epidote / weak K-feldspar / weak Hematitic>>													
<<Alt: 3.5 - 5: moderate Epidote / weak Hematitic>>													
<<Struc: 2.35 - 20.5: moderate Foliation 50 deg. >>													
3.56	**5.80**	**I1**	**Mafic intrusive**	**GS1**									
Fine grained green mafic intrusion with hematite/potassic and bleaching in hairline fractures.													
<<Alt: 5 - 5.25: moderate Epidote>>													
5.80	**6.95**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
6.95	**7.30**	**I1**	**Mafic intrusive**	**GS1**									
Trace disseminated pyrite.													
7.30	**11.20**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 9.25 - 10: weak Epidote>>													
11.20	**11.80**	**I1**	**Mafic intrusive**	**GS1**									
Weakly foliated													
11.80	**13.23**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
13.23	**14.05**	**I1**	**Mafic intrusive**	**GS1**									
Hairline fractures													
<<Alt: 14 - 16.45: weak Epidote>>													

Hole: PAC-20-018A

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
14.05	**43.20**	**E3T**	**Felsic Tuff**	**GS3**	18.00	19.50	1.50	336415	0.005				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 17.8 - 18: moderate Epidote>>					19.50	21.00	1.50	336416	0.0025				
<<Alt: 18 - 23.4: moderate Epidote / weak K-feldspar>>					21.00	22.00	1.00	336417	0.0025				
<<Alt: 23.4 - 24.5: moderate Epidote>>					22.00	22.50	0.50	336418	0.0025				
<<Alt: 24.5 - 32.85: weak Epidote>> Strong disseminated epidote alteration in felsic tuff clasts.					22.50	23.50	1.00	336419	0.0025				
<<Alt: 32.85 - 36.3: weak Epidote / weak K-feldspar>> Strong disseminated epidote alteration in felsic tuff clasts.					27.40	28.50	1.10	336420	0.014				
<<Alt: 36.3 - 37.5: strong K-feldspar / weak Epidote>> Strong disseminated epidote alteration in felsic tuff clasts.					28.50	29.00	0.50	336421	0.0025				
<<Alt: 37.5 - 37.85: strong Epidote / strong K-feldspar>>					29.00	30.00	1.00	336422	0.0025				
<<Alt: 37.85 - 38: strong K-feldspar>>					34.00	35.50	1.50	336423	0.0025				
<<Alt: 38 - 41.5: weak K-feldspar>>					35.50	37.00	1.50	336424	0.015				
<<Alt: 41.5 - 42: moderate Epidote / weak K-feldspar>> Disseminate epidote alt radiating outward from fractures.					37.00	38.00	1.00	336425	0.0025				
<<Alt: 42 - 42.8: moderate Epidote>> Disseminate epidote alt radiating outward from fractures.					38.00	39.50	1.50	336426	0.0025				
<<Struc: 20.5 - 39: weak Foliation 50 deg. >>					39.50	41.00	1.50	336427	0.0025				
<<Struc: 39 - 44.2: moderate Foliation 45 deg. >>					41.00	42.00	1.00	336428	0.0025				
					42.00	43.20	1.20	336429	0.0025				
					43.20	43.60	0.40	336430	0.0025				
43.20	**43.60**	**I1**	**Mafic intrusive**	**GS1**									
weakly foliated													
43.60	**47.30**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 43.6 - 44.2: moderate Epidote>>													
<<Alt: 44.2 - 45.8: weak Epidote>>													
<<Alt: 45.8 - 47: weak Epidote / weak K-feldspar>>													
<<Alt: 47 - 47.3: weak Epidote>>													
<<Vein: 47.2 - 47.3: Quartz vein contain >90% quartz>> Pink vein of Fk + Qtz, possibly magmatic origin (coarse granite look-alike)													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 44.2 - 61.8: weak Foliation 45 deg. >>											
			43.60	44.20	0.60	336431	0.0025				
			44.20	45.70	1.50	336432	0.0025				
			45.70	46.50	0.80	336433	0.0025				
			46.50	47.30	0.80	336434	0.0025				
47.30	**48.30**	**I2 Intermediate intrusive GS2**									
Intermediate to felsic intrusive, homogeneous.											
			47.30	48.30	1.00	336436	0.0025				
48.30	**49.30**	**I1 Mafic intrusive GS1**									
weak foliation. Green, chlorite rich.											
			48.30	49.30	1.00	336437	0.0025				
49.30	**82.20**	**E3T Felsic Tuff GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf											
<<Alt: 49.3 - 50.3: strong Epidote>> n fractures of various orientations, mm to cm thick. Locally in diffusie bands.											
<<Alt: 50.3 - 55: strong Epidote / weak K-feldspar>> n fractures of various orientations, mm to cm thick. Locally in diffusie bands.											
<<Alt: 55 - 55.35: strong Epidote / intense K-feldspar>> n fractures of various orientations, mm to cm thick. Locally in diffusie bands.Patches of intense pink to red F-k alteration.											
<<Alt: 55.35 - 58.9: strong Epidote / weak K-feldspar>> n fractures of various orientations, mm to cm thick. Locally in diffusie bands.											
<<Alt: 58.9 - 67.3: strong Epidote / strong K-feldspar>> n fractures of various orientations, mm to cm thick. Locally in diffusie bands.Patches of intense pink to red F-k alteration and mm sized fractures filled with F-K											
<<Alt: 67.3 - 76: strong Epidote / weak K-feldspar>> n fractures of various orientations, mm to cm thick. Locally in diffusie bands.											
<<Alt: 76 - 82.2: strong Epidote / weak K-feldspar / strong Silicification>> cm to dm thick irregular clasts of pale grey material made of pervasive Si + Ep with Chl-Amp porphyroblasts.cm to dm thick irregular clasts of pale grey material made of pervasive Si + Ep with Chl-Amp porphyroblasts.											
<<Struc: 61.8 - 85: moderate Foliation 40 deg. >>											
			49.30	50.50	1.20	336438	0.011				
			50.50	52.00	1.50	336439	0.0025				
			52.00	53.50	1.50	336440	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					53.50	55.00	1.50	336441	0.0025				
					55.00	55.35	0.35	336442	0.01				
					55.35	56.50	1.15	336443	0.0025				
					56.50	58.00	1.50	336444	0.006				
					58.00	58.90	0.90	336445	0.0025				
					58.90	59.80	0.90	336446	0.0025				
					59.80	60.50	0.70	336447	0.0025				
					60.50	62.00	1.50	336448	0.0025				
					62.00	63.50	1.50	336449	0.0025				
					63.50	64.50	1.00	336450	0.0025				
					64.50	66.00	1.50	336451	0.0025				
					66.00	67.30	1.30	336452	0.0025				
					67.30	68.50	1.20	336453	0.0025				
					68.50	69.50	1.00	336454	0.019				
					69.50	70.50	1.00	336456	0.0025				
					70.50	72.00	1.50	336457	0.0025				
					72.00	73.50	1.50	336458	0.0025				
					73.50	75.00	1.50	336459	0.0025				
					75.00	76.50	1.50	336460	0.0025				
					76.50	78.00	1.50	336461	0.0025				
					78.00	79.00	1.00	336462	0.0025				
					79.00	80.30	1.30	336463	0.0025				
					80.30	81.70	1.40	336464	0.0025				
					81.70	82.20	0.50	336465	0.0025				
82.20	**83.05**	**I1**	**Mafic intrusive**	**GS2**									
Green, chlorite rich, inferior contact is irregular.													
					82.20	83.05	0.85	336466	0.0025				
					83.05	84.00	0.95	336467	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
83.05	**92.30**	**E3T**	**Felsic Tuff**	**GS3**	84.00	85.05	1.05	336468	0.0025				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 83.05 - 85.05: strong Epidote / weak K-feldspar>> cm to dm thick irregular clasts of pale grey material made of pervasive Si + Ep with Chl-Amp porphyroblasts.					85.05	86.00	0.95	336469	0.0025				
<<Alt: 85.05 - 87.15: moderate Epidote / weak K-feldspar>>					86.00	87.15	1.15	336470	0.0025				
<<Alt: 87.15 - 91.8: strong Epidote / moderate K-feldspar>>					87.15	88.50	1.35	336471	0.0025				
<<Alt: 91.8 - 97.15: moderate Epidote / moderate K-feldspar>> and within erratic 1 cm thick extension veins of Qtz + Ep + Fkand within erratic 1 cm thick extension veins of Qtz + Ep + Fk					88.50	89.50	1.00	336472	0.006				
<<Struc: 85 - 105.9: weak Foliation 40 deg. >>					89.50	90.50	1.00	336473	0.0025				
					90.50	91.80	1.30	336474	0.007				
					91.80	93.00	1.20	336476	0.0025				
92.30	**92.55**	**I1**	**Mafic intrusive**	**GS2**									
92.55	**103.65**	**E3T**	**Felsic Tuff**	**GS3**	93.00	94.50	1.50	336477	0.0025				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 97.15 - 103.65: strong Epidote / moderate K-feldspar / moderate Silicification>> within mm-thick fractures at various angles with core axis and within dm-thick patches of pervasive Si + Ep + Fk alteration with chl-amp porphyroblastswithin mm-thick fractures at various angles with core axis and within dm-thick patches of pervasive Si +					94.50	96.00	1.50	336478	0.005				
<<Vein: 94.7 - 95.1: Quartz vein contain >90% quartz>> Three 1 cm extension veins at high angle with core axis of Qtz + Ep + Fk.					96.00	97.15	1.15	336479	0.0025				
					97.15	98.50	1.35	336480	0.0025				
					98.50	100.00	1.50	336481	0.005				
					100.00	101.50	1.50	336482	0.0025				
					101.50	102.50	1.00	336483	0.0025				
					102.50	103.65	1.15	336484	0.0025				
					103.65	104.90	1.25	336485	0.0025				
103.65	**105.90**	**I1**	**Mafic intrusive**	**GS2**	104.90	105.90	1.00	336486	0.0025				
Superior contact lost in broken core. Last 5 cm are bedded. Green, chlorite-amp rich.													
<<Min: 103.65 - 105.9: 2% pyrite>>													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 103.65 - 105.9: weak Epidote>>													
					105.90	107.00	1.10	336487	0.006				
105.90	**108.00**	**E3T**	**Felsic Tuff**	**GS3**	107.00	108.00	1.00	336488	0.0025				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 105.9 - 108: moderate Epidote / weak K-feldspar>>													
<<Struc: 105.9 - 164: moderate Foliation 50 deg. >> foliation ranging from 50 to 65 tCA													
108.00	**108.75**	**I1**	**Mafic intrusive**	**GS2**	108.00	108.75	0.75	336489	0.012				
Green, moderate foliation. Medium grained.													
108.75	**121.10**	**E3T**	**Felsic Tuff**	**GS3**	108.75	110.00	1.25	336490	0.014				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 108.75 - 108.85: weak Epidote>>					110.00	111.50	1.50	336491	0.007				
<<Alt: 108.85 - 114.3: weak Epidote / weak K-feldspar>>					111.50	113.00	1.50	336492	0.007				
<<Alt: 114.3 - 118: strong Silicification / weak Epidote>> Light grey Si replacement in irregular shape, pillow selvages appeareance. Possible Ank present also (beige colored).					113.00	114.30	1.30	336493	0.008				
<<Alt: 118 - 118.85: weak Epidote>>					114.30	115.80	1.50	336495	0.0025				
<<Alt: 118.85 - 121.1: strong Epidote / strong K-feldspar>> mm-thick fractures filled with epidote. Cm sized fragments with pervasive Ep replacement.mm-thick fractures filled with epidote and KFs. Cm sized fragments with pervasive Ep replacement.					115.80	117.00	1.20	336496	0.0025				
					117.00	118.00	1.00	336497	0.007				
					118.00	118.90	0.90	336498	0.028				
					118.90	120.00	1.10	336499	0.009				
					120.00	121.10	1.10	336500	0.013				
121.10	**122.00**	**I1**	**Mafic intrusive**	**GS2**									
Green, medium grained. Plagioclases are replaced by epidote.													
<<Alt: 121.1 - 122: strong Epidote>> Plagioclase cristals replaced by Ep, forming disseminated grains.													
					121.10	122.00	0.90	336501	0.009				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
122.00	**122.50**	**E3T**	**Felsic Tuff**	**GS3**	122.00	123.00	1.00	336502	0.015				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 122 - 134.2: moderate Epidote / moderate K-feldspar>>													
122.50	**122.75**	**I1**	**Mafic intrusive**	**GS2**									
Green, medium grained. Plagioclases are replaced by epidote.													
122.75	**138.50**	**E3T**	**Felsic Tuff**	**GS3**	123.00	124.50	1.50	336503	0.0025				
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Alt: 134.2 - 167.4: weak Epidote / weak K-feldspar>> small erratic mm-thick fractures filed with Fks +- Ep													
138.50	**138.70**	**I1**	**Mafic intrusive**	**GS2**									
138.70	**142.25**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
142.25	**142.50**	**I1**	**Mafic intrusive**	**GS1**									
Superior contact lost in broken core. Green, chlorite rich.													
142.50	**152.85**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
152.85	**154.90**	**E3T**	**Felsic Tuff**	**GS2**									
Progressive contacts. Ash bearing portion of the main unit. No lapillis. Look like a homogeneous lava flow.													
154.90	**164.00**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf													
<<Vein: 156.6 - 156.7: Quartz-Carbonate vein contain 10-90% quartz>> Qtz + Cal + Ep vein. Foliated minerals within, unknown origin													
164.00	**169.80**	**I1**	**Mafic intrusive**	**GS2**	168.20	168.70	0.50	336504	0.006				
Green, chlorite rich, weak foliation.													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 167.4 - 167.5: intense Epidote / weak K-feldspar>> Clast or patch, 15-20 cm of epidote replaced materialsmall erratic mm-thick fractures filed with Fks +- Ep									
		<<Alt: 167.5 - 178.8: weak Epidote / weak K-feldspar>> small erratic mm-thick fractures filed with Fks +- Ep									
		<<Vein: 164.25 - 164.3: Quartz vein contain >90% quartz>> Wavy 1 cm thick vein, irregular orientation. Qtz + Fk + Cla									
		<<Struc: 164 - 169.8: weak Foliation 60 deg. >> Very weak foliation									
169.80	**178.80**	**E3T Felsic Tuff GS3**	177.30	178.80	1.50	336505	0.0025				
		Light to medium grey lapilli dominate tuff. Lapillis are polygenetic but are dominated by felsic clasts. Weak to moderate foliation throughout. Patchy epidote and potassic alteration throughout, felsic clasts appear more susceptible to alteration that tuf									
		<<Struc: 169.8 - 179.2: weak Foliation 55 deg. >>									
			178.80	180.15	1.35	336506	0.0025				
178.80	**180.15**	**I1 Mafic intrusive GS2**									
		Gabbroic-like. Plagioclase replaced by epidote.									
		<<Alt: 178.8 - 180.15: moderate Epidote / weak K-feldspar>> Ep replacing plagioclases.small erratic mm-thick fractures filed with Fks +- Ep									
		<<Struc: 179.2 - 179.3: strong Fault 60 deg. >> Fault gouge and partially dissolved rock. 40 cm non recovered									
		<<Struc: 179.3 - 180.15: weak Foliation 60 deg. >>									
180.15	**204.60**	**E3T Felsic Tuff GS3**									
		Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.									
		<<Alt: 180.15 - 192.1: strong Epidote / moderate K-feldspar / strong Silicification>> Several cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.Erratic mm-thick fractures with FKs and epidote.Several cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.									
		<<Alt: 192.1 - 193: strong Epidote / strong K-feldspar / strong Silicification>> Several cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.Fractures and pervasive impregnation near wall-rockSeveral cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.									
		<<Alt: 193 - 195.7: strong Epidote / moderate K-feldspar / strong Silicification>> Several cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.Erratic mm-thick fractures with FKs and epidote.Several cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.									
		<<Alt: 195.7 - 196: complete Epidote / strong K-feldspar / complete Silicification>> Clast or pervasive interval replaced by Ep + Si with fractures of F-K.mm-sized irregular fracturesClast or pervasive interval replaced by Ep + Si with fractures of F-K.									
		<<Alt: 196 - 196.9: moderate Epidote / moderate K-feldspar / moderate Silicification>>									

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From (m)	To (m)	Rock Type & Description
		<<Alt: 196.9 - 197.15: complete Epidote / intense K-feldspar / strong Silicification>> Clast or pervasive interval replaced by Ep + Si with fractures of F-K.intense fracture and fractures selvages alterationIntense pervasive replacement in clasts
		<<Alt: 197.15 - 199.1: strong Epidote / moderate K-feldspar / moderate Silicification>>
		<<Alt: 199.1 - 199.35: intense Epidote / strong K-feldspar / strong Silicification>> Clast or pervasive interval replaced by Ep + Si with fractures of F-K.intense fracture and fractures selvages alterationIntense pervasive replacement in clasts
		<<Alt: 199.35 - 220.5: strong Epidote / moderate K-feldspar / moderate Silicification>> Several cm to dm-thick clasts or bands with pervasive Si + Ep +- Cal replacement.
		<<Struc: 180.15 - 194.3: moderate Foliation 60 deg. >>
		<<Struc: 194.3 - 194.85: weak Foliation 60 deg. >>
		<<Struc: 194.85 - 204.6: moderate Foliation 60 deg. >>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
180.15	181.50	1.35	336507	0.0025				
181.50	183.00	1.50	336508	0.006				
183.00	184.50	1.50	336509	0.0025				
184.50	186.00	1.50	336510	0.0025				
186.00	187.50	1.50	336511	0.0025				
187.50	189.00	1.50	336512	0.0025				
189.00	190.50	1.50	336513	0.0025				
190.50	192.00	1.50	336514	0.006				
192.00	193.00	1.00	336516	0.0025				
193.00	193.60	0.60	336517	0.0025				
193.60	194.30	0.70	336518	0.0025				
194.30	194.85	0.55	336568					
194.85	195.60	0.75	336519	0.0025				
195.60	196.10	0.50	336520	0.0025				
196.10	196.80	0.70	336521	0.0025				
196.80	197.30	0.50	336569					
197.30	198.70	1.40	336522	0.0025				
198.70	199.40	0.70	336523	0.0025				
199.40	201.00	1.60	336524	0.013				
201.00	202.50	1.50	336525	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					202.50	203.50	1.00	336526	0.0025				
					203.50	204.60	1.10	336527	0.0025				
					204.60	205.50	0.90	336528	0.0025				
204.60	**205.50**	**I1**	**Mafic intrusive**	**GS2**									
Superior contact lost in broken core.													
<<Struc: 204.6 - 205.55: weak Foliation 70 deg. >>													
205.50	**208.30**	**E3T**	**Felsic Tuff**	**GS3**	205.50	207.00	1.50	336529	0.006				
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.													
<<Struc: 205.55 - 222: moderate Foliation 60 deg. >> 50-60 tCA					207.00	208.20	1.20	336530	0.0025				
					208.20	208.70	0.50	336531	0.0025				
208.30	**208.50**	**I1**	**Mafic intrusive**	**GS2**									
Gabbroic.													
208.50	**231.45**	**E3T**	**Felsic Tuff**	**GS3**	208.70	210.00	1.30	336532	0.0025				
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.													
<<Alt: 220.5 - 221: intense Epidote / strong K-feldspar / strong Silicification>> Clast or pervasive interval replaced by Ep + Si with fractures of F-K.Intense pervasive replacement in clasts					210.00	211.50	1.50	336533	0.0025				
<<Alt: 221 - 222: moderate Epidote / moderate K-feldspar / moderate Silicification>>					211.50	213.00	1.50	336534	0.0025				
<<Alt: 222 - 222.6: moderate Epidote / moderate K-feldspar / moderate Silicification>> Replacement of plagioclases					213.00	214.50	1.50	336536	0.0025				
<<Alt: 222.6 - 223: moderate K-feldspar / moderate Silicification / weak Epidote>>					214.50	216.00	1.50	336537	0.0025				
<<Alt: 223 - 223.6: intense Epidote / moderate K-feldspar / moderate Silicification>>					216.00	217.50	1.50	336538	0.0025				
<<Alt: 223.6 - 231.45: moderate Epidote / moderate K-feldspar / moderate Silicification>>					217.50	219.00	1.50	336539	0.0025				
<<Struc: 222.6 - 224.5: moderate Foliation 60 deg. >>					219.00	220.50	1.50	336540	0.0025				
<<Struc: 224.5 - 224.7: weak Fault>> Broken core, argiles Py and Cal plating joint surfaces					220.50	222.00	1.50	336541	0.0025				
<<Struc: 224.7 - 227: moderate Foliation 60 deg. >>					222.00	222.60	0.60	336542	0.009				
<<Struc: 227 - 228: weak Fault>> Broken core, joints at low angle with core axis. Broken fragments due to mechanical abrasion.					222.60	223.60	1.00	336543	0.015				
<<Struc: 228 - 229.7: weak Foliation 60 deg. >>					223.60	225.00	1.40	336544	0.075				
<<Struc: 229.7 - 229.9: weak Fault 45 deg. >> joints with some fault gouge.					225.00	226.50	1.50	336545	0.0025				
<<Struc: 229.9 - 231.45: moderate Foliation 60 deg. >>					226.50	228.00	1.50	336546	0.0025				

Hole: PAC-20-018A

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					228.00	229.50	1.50	336547	0.0025				
					229.50	230.50	1.00	336548	0.0025				
					230.50	231.45	0.95	336549	0.006				
231.45	**232.65**	**I1**	**Mafic intrusive**	**GS2**									
Gabbroic <<Alt: 231.45 - 232.65: moderate Epidote>> Replacement of plagioclases													
					231.45	232.65	1.20	336550	0.009				
232.65	**233.85**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass. <<Alt: 232.65 - 239.9: moderate Epidote / weak K-feldspar / moderate Silicification>> <<Vein: 232.65 - 232.7: Quartz vein contain >90% quartz>> Qtz + Cal + Ep vein, laminated epidote on inferior contact. <<Struc: 232.65 - 252: weak Foliation 60 deg. >>													
					232.65	233.80	1.15	336551	0.0025				
					233.80	234.30	0.50	336552	0.005				
233.85	**234.20**	**I1**	**Mafic intrusive**	**GS1**									
Green, chlorite rich.													
234.20	**239.90**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.													
					234.30	235.50	1.20	336553	0.011				
					235.50	237.00	1.50	336554	0.0025				
					237.00	238.50	1.50	336556	0.037				
					238.50	239.90	1.40	336557	0.006				
239.90	**240.70**	**I1**	**Mafic intrusive**	**GS2**									
Gabbroic, Chl + Amp <<Alt: 239.9 - 240.7: moderate Epidote / weak K-feldspar>>													
					239.90	240.70	0.80	336558	0.0025				
240.70	**245.00**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.													

Hole: PAC-20-018A

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 240.7 - 246.5: moderate Epidote / weak K-feldspar / moderate Silicification>>													
					240.70	242.00	1.30	336559					
					242.00	243.50	1.50	336560					
					243.50	245.00	1.50	336561					
245.00	**245.25**	**I1**	**Mafic intrusive**	**GS2**	245.00	246.50	1.50	336562					
Gabbroic, Amp + Chl, irregular contacts													
245.25	**246.50**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.													
246.50	**248.40**	**I1**	**Mafic intrusive**	**GS2**	246.50	247.50	1.00	336563					
Gabbroic, Amp + Chl													
<<Alt: 246.5 - 248.4: weak Epidote / weak K-feldspar>>					247.50	248.40	0.90	336564					
248.40	**252.00**	**E3T**	**Felsic Tuff**	**GS3**									
Light to medium grey lapilli to block bearing tuff. Unit is similar to precedent but contains 10-15% white pervasively altered by Si + Ep blocks with mm porphyroblasts of Amp+-Chl and mm irregular dark grey fragments similar to groundmass.													
<<Alt: 248.4 - 252: moderate Epidote / weak K-feldspar / moderate Silicification>>													
					248.40	249.50	1.10	336565					
					249.50	251.00	1.50	336566					
					251.00	252.00	1.00	336567					

End of Hole @ 252

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-019

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-01-23	**Core Size:**	NQ
UTM East:	432194.27	**Azimuth:**	330	**Date Completed:**	2020-02-06	**Casing Pulled?:**	☐
UTM North:	5643198.01	**Dip:**	-85	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	428.94	**Length (m):**	801	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
27	Reflex			-84.7	317.1			56978	☑	
30	Reflex			-84.6	318.7			57046	☑	
33	Reflex			-84.6	317.9			57028	☑	
36	Reflex			-84.9	317.3			57027	☑	
39	Reflex			-84.8	317.5			57010	☑	
42	Reflex			-84.9	316.3			57010	☑	
45	Reflex			-85	315.8			56988	☑	
48	Reflex			-85.1	315.3			56972	☑	
51	Reflex			-85.2	315.9			56968	☑	
54	Reflex			-85.3	314.6			56959	☑	
60	Reflex			-85.5	310.8			57019	☑	
63	Reflex			-85.4	314.2			56999	☑	
66	Reflex			-85.7	311.2			57005	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
69	Reflex			-85.6	312.7			56946	☑	
72	Reflex			-85.6	313			56920	☑	
75	Reflex			-85.7	312.7			56947	☑	
78	Reflex			-85.8	312.2			56977	☑	
81	Reflex			-85.7	311.1			56837	☑	
84	Reflex			-85.9	310.6			56882	☑	
87	Reflex			-86	310.8			56896	☑	
90	Reflex			-86	310.9			56837	☑	
93	Reflex			-86.1	310.1			56994	☑	
96	Reflex			-86.2	309.7			56685	☑	
99	Reflex			-86.3	309.1			56864	☑	
102	Reflex			-86.4	309.9			56802	☑	
105	Reflex			-86.5	309.1			57004	☑	
108	Reflex			-86.4	309.3			56959	☑	
111	Reflex			-86.6	309.3			56960	☑	
114	Reflex			-86.8	308.3			56968	☑	
117	Reflex			-86.8	308.6			56942	☑	
120	Reflex			-86.8	307.6			56926	☑	
123	Reflex			-86.8	308.8			56965	☑	
126	Reflex			-86.8	309.3			56975	☑	
129	Reflex			-86.9	309			56936	☑	
132	Reflex			-86.9	307.9			56963	☑	
135	Reflex			-86.9	308.3			56939	☑	
138	Reflex			-86.9	307.7			56936	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
141	Reflex			-87	307.3			56851	☑	
144	Reflex			-87	306.2			56751	☑	
147	Reflex			-87	306.8			56709	☑	
150	Reflex			-87.1	307			56973	☑	
156	Reflex			-87.2	305.7			56926	☑	
159	Reflex			-87.2	305.4			56889	☑	
162	Reflex			-87.2	306.4			56933	☑	
171	Reflex			-87.2	306.2			57116	☑	
174	Reflex			-87.2	305.9			57048	☑	
177	Reflex			-87.2	306.9			57073	☑	
180	Reflex			-87.2	306.4			57028	☑	
183	Reflex			-87.2	306.9			56914	☑	
186	Reflex			-87.2	306.9			56881	☑	
189	Reflex			-87.2	308.3			56966	☑	
192	Reflex			-87.2	307.2			56961	☑	
195	Reflex			-87.2	305.9			56917	☑	
198	Reflex			-87.3	305.5			56998	☑	
201	Reflex			-87.3	306.5			56877	☑	
204	Reflex			-87.3	306.4			57075	☑	
207	Reflex			-87.3	305.3			57064	☑	
210	Reflex			-87.3	305.4			56982	☑	
213	Reflex			-87.4	305.5			56960	☑	
216	Reflex			-87.3	305.1			57042	☑	
219	Reflex			-87.3	305.8			57039	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
222	Reflex			-87.4	305.9			56996	☑	
225	Reflex			-87.4	306.1			56920	☑	
228	Reflex			-87.4	305.6			56884	☑	
231	Reflex			-87.4	304.9			57017	☑	
234	Reflex			-87.5	304.3			57117	☑	
237	Reflex			-87.5	305			57018	☑	
240	Reflex			-87.5	304.8			57065	☑	
243	Reflex			-87.4	306.2			57035	☑	
246	Reflex			-87.5	305.1			57012	☑	
249	Reflex			-87.5	304.4			57011	☑	
252	Reflex			-87.5	303.3			57076	☑	
255	Reflex			-87.5	303.1			57003	☑	
258	Reflex			-87.5	302.8			57006	☑	
261	Reflex			-87.5	301.9			56999	☑	
264	Reflex			-87.5	301.9			57034	☑	
267	Reflex			-87.5	303			56998	☑	
270	Reflex			-87.5	301.7			56977	☑	
273	Reflex			-87.5	301.7			56979	☑	
276	Reflex			-87.6	301.2			56971	☑	
279	Reflex			-87.5	301.2			57016	☑	
282	Reflex			-87.6	302.6			57073	☑	
285	Reflex			-87.5	300.9			56923	☑	
288	Reflex			-87.5	302.4			56908	☑	
291	Reflex			-87.5	301.3			57051	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
294	Reflex			-87.5	301.4			56987	☑	
297	Reflex			-87.5	301.6			57001	☑	
300	Reflex			-87.5	301.6			56991	☑	
303	Reflex			-87.5	302.6			57001	☑	
306	Reflex			-87.5	301.5			57053	☑	
309	Reflex			-87.5	302			57017	☑	
312	Reflex			-87.5	302.5			56993	☑	
315	Reflex			-87.5	301.7			57037	☑	
318	Reflex			-87.6	299.9			57227	☑	
321	Reflex			-87.7	300.3			56939	☑	
324	Reflex			-87.7	300			57022	☑	
327	Reflex			-87.7	298.6			57010	☑	
330	Reflex			-87.7	298.2			56946	☑	
333	Reflex			-87.7	297.3			57044	☑	
336	Reflex			-87.6	297.1			56934	☑	
339	Reflex			-87.7	298.7			56900	☑	
342	Reflex			-87.7	298.7			56837	☑	
345	Reflex			-87.6	299.1			56863	☑	
348	Reflex			-87.6	300.2			56931	☑	
351	Reflex			-87.6	299.2			56991	☑	
354	Reflex			-87.6	300			56937	☑	
357	Reflex			-87.6	300.6			57013	☑	
360	Reflex			-87.6	300.1			56859	☑	
366	Reflex			-87.6	299.7			56895	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
369	Reflex			-87.7	299.3			56833	☑	
372	Reflex			-87.6	301.7			56878	☑	
378	Reflex			-87.6	301.2			56927	☑	
384	Reflex			-87.6	301.7			56465	☑	
387	Reflex			-87.6	302.2			56940	☑	
390	Reflex			-87.6	302.6			56955	☑	
393	Reflex			-87.6	302.6			56953	☑	
396	Reflex			-87.6	303.7			56956	☑	
399	Reflex			-87.5	303.7			56934	☑	
402	Reflex			-87.6	303.5			56920	☑	
405	Reflex			-87.5	304.5			56950	☑	
408	Reflex			-87.5	304.1			56932	☑	
411	Reflex			-87.5	304.6			57001	☑	
414	Reflex			-87.5	304.5			56877	☑	
417	Reflex			-87.5	305.2			56846	☑	
420	Reflex			-87.4	304.5			56964	☑	
423	Reflex			-87.5	305			56834	☑	
426	Reflex			-87.5	304.9			56888	☑	
429	Reflex			-87.5	304.9			56944	☑	
432	Reflex			-87.5	305.2			56930	☑	
435	Reflex			-87.4	305.4			56951	☑	
438	Reflex			-87.5	305.1			56929	☑	
441	Reflex			-87.5	304.9			56905	☑	
444	Reflex			-87.5	304.4			56954	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
447	Reflex			-87.5	303.6			56895	☑	
450	Reflex			-87.6	303.2			56873	☑	
453	Reflex			-87.5	302.1			56968	☑	
456	Reflex			-87.6	302.3			56971	☑	
459	Reflex			-87.6	300.7			56898	☑	
462	Reflex			-87.6	300.6			56957	☑	
465	Reflex			-87.6	300			56978	☑	
468	Reflex			-87.6	299.7			56947	☑	
471	Reflex			-87.6	300.1			56990	☑	
474	Reflex			-87.6	298.7			56949	☑	
477	Reflex			-87.6	299.8			56974	☑	
480	Reflex			-87.6	299.3			56986	☑	
483	Reflex			-87.6	298.1			56920	☑	
486	Reflex			-87.6	298.7			56975	☑	
489	Reflex			-87.7	297.9			56962	☑	
492	Reflex			-87.6	297.7			56951	☑	
495	Reflex			-87.5	298			56973	☑	
498	Reflex			-87.6	296.8			56974	☑	
501	Reflex			-87.5	295.9			57014	☑	
504	Reflex			-87.5	295			56958	☑	
507	Reflex			-87.5	293.7			56934	☑	
510	Reflex			-87.5	293.4			57034	☑	
513	Reflex			-87.4	292.8			57015	☑	
516	Reflex			-87.4	293.5			56984	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
519	Reflex			-87.4	292.6			56999	☑	
522	Reflex			-87.4	292.1			56986	☑	
525	Reflex			-87.4	291.5			56942	☑	
528	Reflex			-87.4	290.7			56996	☑	
531	Reflex			-87.4	290.3			56974	☑	
534	Reflex			-87.4	289.2			57000	☑	
537	Reflex			-87.4	288.9			56961	☑	
540	Reflex			-87.4	287.9			57004	☑	
543	Reflex			-87.4	287.9			56957	☑	
546	Reflex			-87.4	285.9			56979	☑	
549	Reflex			-87.4	284.5			56967	☑	
552	Reflex			-87.3	283.2			56963	☑	
555	Reflex			-87.4	282.5			56966	☑	
558	Reflex			-87.3	281.6			56975	☑	
561	Reflex			-87.3	281.2			56991	☑	
564	Reflex			-87.3	280			56990	☑	
567	Reflex			-87.2	278.1			56616	☑	
570	Reflex			-87.3	278.5			57115	☑	
573	Reflex			-87.3	277.6			57076	☑	
576	Reflex			-87.3	277.8			57066	☑	
579	Reflex			-87.3	277			57094	☑	
582	Reflex			-87.3	275.8			57094	☑	
585	Reflex			-87.2	275.2			57067	☑	
588	Reflex			-87.2	274.9			57007	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
591	Reflex			-87.2	273.2			56995	☑	
594	Reflex			-87.2	273.4			57013	☑	
597	Reflex			-87.2	272.9			57034	☑	
600	Reflex			-87.2	272.3			57044	☑	
603	Reflex			-87.2	272.9			57027	☑	
606	Reflex			-87.1	272.7			57031	☑	
609	Reflex			-87.2	270.1			57045	☑	
612	Reflex			-87.1	268.4			57019	☑	
615	Reflex			-87.2	268.3			57037	☑	
618	Reflex			-87.2	268.3			57023	☑	
621	Reflex			-87.2	267.1			57056	☑	
624	Reflex			-87.2	266.4			57039	☑	
627	Reflex			-87.2	266.4			57021	☑	
630	Reflex			-87.2	265.2			57046	☑	
633	Reflex			-87.2	265.5			57056	☑	
636	Reflex			-87.2	265			57017	☑	
639	Reflex			-87.2	264			57037	☑	
642	Reflex			-87.2	263.3			57035	☑	
645	Reflex			-87.1	262.5			57021	☑	
648	Reflex			-87.2	262			57031	☑	
651	Reflex			-87.2	261.5			57033	☑	
654	Reflex			-87.2	260.1			57049	☑	
657	Reflex			-87.2	260.9			57019	☑	
660	Reflex			-87.2	260.8			56990	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
663	Reflex			-87.2	259.9			56979	☑	
666	Reflex			-87.2	260.4			56966	☑	
669	Reflex			-87.2	259.3			57126	☑	
672	Reflex			-87.2	259.1			56958	☑	
675	Reflex			-87.2	257.3			56724	☑	
678	Reflex			-87.3	258.4			56966	☑	
681	Reflex			-87.2	259.2			57037	☑	
684	Reflex			-87.2	257.5			57310	☑	
687	Reflex			-87.3	256.8			57113	☑	
690	Reflex			-87.2	256.9			56920	☑	
693	Reflex			-87.2	257.4			57000	☑	
696	Reflex			-87.2	256.5			56962	☑	
699	Reflex			-87.3	257.3			56982	☑	
702	Reflex			-87.2	254.4			57205	☑	
705	Reflex			-87.2	254.2			57074	☑	
711	Reflex			-87.2	255.3			56984	☑	
714	Reflex			-87.2	254.8			57027	☑	
717	Reflex			-87.2	254.3			57010	☑	
720	Reflex			-87.2	254.5			56855	☑	
723	Reflex			-87.3	252.7			56843	☑	
726	Reflex			-87.3	252.1			57561	☑	
729	Reflex			-87.3	252.7			56729	☑	
732	Reflex			-87.2	251.3			56735	☑	
735	Reflex			-87.3	250.5			56611	☑	

Hole: PAC-20-019

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
738	Reflex			-87.3	249.1			57249	☑	
741	Reflex			-87.3	248.9			56992	☑	
747	Reflex			-87.3	249.1			56994	☑	
750	Reflex			-87.3	249			56923	☑	
753	Reflex			-87.2	251			56884	☑	
756	Reflex			-87.2	251.2			56954	☑	
759	Reflex			-87.2	250.3			56767	☑	
762	Reflex			-87.2	249.6			56991	☑	
765	Reflex			-87.2	249.9			57121	☑	
768	Reflex			-87.2	250.3			56884	☑	
771	Reflex			-87.2	252.2			56729	☑	
774	Reflex			-87.2	250.8			56623	☑	
777	Reflex			-87.2	254.2			57052	☑	
780	Reflex			-87.2	252.3			56936	☑	
783	Reflex			-87.2	253.9			57033	☑	
786	Reflex			-87.2	253.9			57015	☑	
789	Reflex			-87.2	254			56950	☑	
792	Reflex			-87.3	253.6			57046	☑	
795	Reflex			-87.3	254.3			56913	☑	
798	Reflex			-87.3	253.9			56915	☑	
801	Reflex			-87.3	253.3			56912	☑	

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From (m)	To (m)		Rock Type & Description	
0.00	**2.90**	**OB**	**Overburden**	
2.90	**4.35**	**E1A**	**Basalt**	**GS1**

Dark grey to green. Strong schistosity. Amphibole-phyric. Locally looking like it contains 1-5% mm fragments of black material that are probably glass shards now transformed to amp + chl. Altered by Ep + Cal irregular veining, with minor feldspar alterati

<<Alt: 2.9 - 4.35: moderate Epidote>>

<<Struc: 2.9 - 76.5: Shistosity 35 deg. >> Moderate to strong schistosity.

4.35	**6.70**	**I3A**	**Granite**	**GS2**

Heavy hematite/K-feldspar replacement (red colored) in felsic intrusive. 3-5% disseminated Py

<<Min: 4.35 - 6.7: 2% pyrite>> subidiomorph grains.

<<Alt: 4.35 - 6.7: complete K-feldspar>> Heavy red pervasive replacement in granitic rock.

6.70	**16.85**	**E1A**	**Basalt**	**GS1**

Dark grey to green. Strong schistosity. Amphibole-phyric. Locally looking like it contains 1-5% mm fragments of black material that are probably glass shards now transformed to amp + chl. Altered by Ep + Cal irregular veining, with minor feldspar alterati

<<Alt: 6.7 - 16.85: strong Epidote / weak K-feldspar>> mm to 10+cm thick veints of epidote with minor K-fs

16.85	**18.70**	**I3A**	**Granite**	**GS2**

Heavy hematite/K-feldspar replacement (red colored) in felsic intrusive. 3-5% disseminated Py

<<Min: 16.85 - 18.7: 10% pyrite>> subidiomorph grains.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
2.90	4.35	1.45	336570					
4.35	5.50	1.15	336571					
5.50	6.70	1.20	336572	0.005				
6.70	8.00	1.30	336573	0.0025				
8.00	9.00	1.00	336575	0.018				
9.00	10.00	1.00	336576	0.007				
10.00	11.00	1.00	336577	0.011				
11.00	12.50	1.50	336578	0.008				
12.50	14.00	1.50	336579	0.007				
14.00	15.50	1.50	336580	0.015				
15.50	16.85	1.35	336581	0.0025				
16.85	17.80	0.95	336582	0.01				
17.80	18.70	0.90	336583	0.007				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 16.95 - 17: with sulphides>> Qtz + Cal vein with 15% Py patches									
			18.70	20.00	1.30	336584	0.0025				
18.70	**26.00**	**E1A Basalt GS1**	20.00	21.50	1.50	336585	0.006				
		Dark grey to green. Strong schistosity. Amphibole-phyric. Locally looking like it contains 1-5% mm fragments of black material that are probably glass shards now transformed to amp + chl. Altered by Ep + Cal irregular veining, with minor feldspar alterati									
		<<Alt: 18.7 - 26: moderate Epidote / weak K-feldspar>>	21.50	23.00	1.50	336586	0.013				
			23.00	24.50	1.50	336587	0.011				
			24.50	26.00	1.50	336588	0.009				
26.00	**27.15**	**I3A Granite GS2**	26.00	27.15	1.15	336589	0.0025				
		Non altered granitic intrusion.									
27.15	**35.55**	**E1A Basalt GS1**									
		Dark grey to green. Strong schistosity. Amphibole-phyric. Locally looking like it contains 1-5% mm fragments of black material that are probably glass shards now transformed to amp + chl. Altered by Ep + Cal irregular veining, with minor feldspar alterati									
		<<Alt: 27.15 - 43.6: moderate Epidote / moderate K-feldspar>>									
			27.15	28.50	1.35	336590	0.005				
			28.50	30.00	1.50	336591	0.01				
			30.00	31.50	1.50	336592	0.0025				
			31.50	33.00	1.50	336593	0.0025				
			33.00	34.50	1.50	336594	0.013				
			34.50	35.40	0.90	336596	0.009				
			35.40	35.90	0.50	336597	0.012				
35.55	**35.65**	**I3A Granite GS3**									
		Pegmatititic material. Inferior contact is irregular.									
35.65	**40.80**	**E1A Basalt GS1**	35.90	37.00	1.10	336598	0.007				
		Dark grey to green. Strong schistosity. Amphibole-phyric. Locally looking like it contains 1-5% mm fragments of black material that are probably glass shards now transformed to amp + chl. Altered by Ep + Cal irregular veining, with minor feldspar alterati									
		<<Vein: 37.03 - 37.05: Quartz vein contain >90% quartz>> Qtz + Fk vein	37.00	38.00	1.00	336599	0.009				
40.80	**41.10**	**I3A Granite GS2**									
		Non altered granitic intrusion.									

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
41.10	**50.50**	**E1A Basalt GS1**									
Dark grey to green. Strong schistosity. Amphibole-phyric. Locally looking like it contains 1-5% mm fragments of black material that are probably glass shards now transformed to amp + chl. Altered by Ep + Cal irregular veining, with minor feldspar alterati											
<<Alt: 43.6 - 46.7: strong Epidote / moderate K-feldspar>> Heavy Ep +- Cal +- Fk(or Albite) alteration in mm to dm-thick stockwork.Heavy Ep +- Cal +- K-Fs(or Albite) alteration in mm to dm-thick stockwork.											
<<Alt: 46.7 - 48: weak Epidote / weak K-feldspar>>											
<<Alt: 48 - 48.7: strong Epidote / moderate K-feldspar>> Heavy Ep +- Cal +- Fk(or Albite) alteration in mm to dm-thick stockwork.Heavy Ep +- Cal +- K-Fs(or Albite) alteration in mm to dm-thick stockwork.											
<<Alt: 48.7 - 61.8: moderate Epidote / moderate K-feldspar>>											
			43.60	45.10	1.50	336600	0.005				
			45.10	46.70	1.60	336601	0.013				
			46.70	48.00	1.30	336602	0.011				
			48.00	48.70	0.70	336603	0.008				
			48.70	49.50	0.80	336604	0.021				
			49.50	50.50	1.00	336606	0.008				
50.50	**55.60**	**I3C Granodiorite GS2**	50.50	52.00	1.50	336607	0.007				
Grey to dark grey. Porphyroclastic feldspaths (1-2 mm size) witin a slightly crystalline matrix. Matrix is moderately replaced by Ep + Ser.											
<<Min: 50.5 - 55.6: 2% pyrite>> 1% fine diss. Py.			52.00	53.50	1.50	336608	0.01				
<<Vein: 50.55 - 50.6: with sulphides>> 1 cm thick Qtz + Cal + Ep vein with selvages altered in pink feldspar (Fk or albite).			53.50	54.50	1.00	336609	0.006				
			54.50	55.60	1.10	336610	0.007				
55.60	**60.00**	**E2 Intermediate GS1**									
Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or											
60.00	**60.35**	**I1 Mafic intrusive GS2**									
Dioritic to mafic brownish intrusion. Some feldspaths are pink colored. Schistosed and homogeneous. Superior contact lost in broken core.											

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
60.35	**61.80**	**E2 Intermediate GS1** Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or <<Min: 60.35 - 61.8: 2% pyrite>> subidiomorph grains.	60.35	61.80	1.45	336611	0.14				
61.80	**63.50**	**I3A Granite GS2** Red colored granite, stockwork of Qtz + Sericite. <<Min: 61.8 - 63.5: 2% pyrite>> and within mm qtz stringers too. <<Alt: 61.8 - 62.4: strong Epidote / intense K-feldspar / strong Silicification>> Stockwork of mm-thick veinlets of Qtz +- Ep.Feldspar are red-colored.Stockwork of mm-thick veinlets of Qtz +- Ep. <<Alt: 62.4 - 63: moderate Epidote / strong K-feldspar>> Feldspar are red-colored. <<Alt: 63 - 69: moderate Epidote / moderate K-feldspar>> Some feldspar and Qtz are red-colored	61.80	62.40	0.60	336612	0.005				
			62.40	63.50	1.10	336613	0.0025				
63.50	**67.30**	**E2 Intermediate GS1** Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or <<Min: 63.9 - 64.4: 2% pyrite>> 5% subidiomorph Py in foliation. <<Vein: 64 - 64.2: Quartz vein contain >90% quartz>> Two 1,5cm thick veins of Qtz with pink-red feldspar, post-foliation. No internal structure.	63.50	63.90	0.40	336614	0.0025				
			63.90	64.40	0.50	336615	0.0025				
			64.40	65.90	1.50	336616	0.0025				
67.30	**67.50**	**I3A Granite GS1** Red, F-K rich aplitic dyke of granite.									
67.50	**72.05**	**E2 Intermediate GS1** Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or <<Alt: 69 - 79.6: weak Epidote / moderate K-feldspar>> Some feldspar and Qtz are red-colored									
72.05	**73.50**	**I3A Granite GS2** Grey to dark grey. Porphyroclastic feldspaths (1-2 mm size) witin a slightly crystalline matrix.									

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From (m)	To (m)		Rock Type & Description	
73.50	**76.40**	**E2**	**Intermediate**	**GS1**
Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or				
76.40	**76.42**	**I3A**	**Granite**	**GS2**
Granitic material in vein, mineral growth perpendicular to selvages. Tl + Mag in vein.				
76.42	**81.05**	**E2**	**Intermediate**	**GS1**
Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or				
<<Min: 76.8 - 78: 2% pyrite>>				
<<Min: 79.6 - 79.75: 2% pyrite>>				
<<Alt: 79.6 - 79.75: intense K-feldspar / intense Silicification / weak Epidote>> Pervasive K-Fs replacement with silica, glass texture.Pervasive F-k replacement with silica, glass texture.				
<<Alt: 79.75 - 90.05: weak Epidote / weak K-feldspar>> Feldspar are red-colored locally.				
<<Vein: 78.45 - 78.5: with sulphides>> Irregular orientation. Qtz + Fk (or Ab) discontinuous veinlet.				
<<Vein: 80.1 - 81.15: Quartz vein contain >90% quartz>> Qtz + Fk (or Ab) +- Ep veinlet, irregular orientation.				
<<Struc: 76.5 - 76.8: weak Fault>> Broken core, partially dissolved rock.				
<<Struc: 76.8 - 99: Shistosity 40 deg. >> Moderate to strong schistosity.				
81.05	**81.50**	**I3A**	**Granite**	**GS2**
Grey to dark grey. Porphyroclastic feldspaths (1-2 mm size) witin a slightly crystalline matrix.				
<<Vein: 81.35 - 81.4: with sulphides>> Py rich Qtz + Cal + Ep + Fk (or Ab) + Grt veinlet				
81.50	**94.70**	**E2**	**Intermediate**	**GS1**
Dark grey to medium grey. Strong schistosity at around 35 tCA. Locally containing 1-5% mm phenocristal of quartz or possibly vesicules filled by Qtz. Local mm to cm thick bands of sericite rich material. Altered by fractures of Ep +- Qtz +- Cal +- Fk (or				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
75.00	76.50	1.50	336617	0.0025				
76.50	78.00	1.50	336618	0.014				
78.00	79.50	1.50	336619	0.0025				
79.50	79.95	0.45	336620	0.013				
79.95	80.35	0.40	336621	0.0025				
80.35	81.05	0.70	336622	0.005				
81.05	81.50	0.45	336623	0.0025				
81.50	82.50	1.00	336625	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Min: 91.25 - 91.45: 2% pyrite>>	90.05	90.75	0.70	336626	0.0025				
		<<Min: 92.6 - 93.15: 2% pyrite>>	90.75	91.20	0.45	336627	0.007				
		<<Min: 93.55 - 93.75: 2% pyrite>>	91.20	91.50	0.30	336628	0.0025				
		<<Alt: 90.05 - 90.75: strong Epidote / weak K-feldspar / strong Silicification>> Stockwork of mm-thick veinlets of Qtz +- Ep.Feldspar are red-colored locally.Stockwork of mm-thick veinlets of Qtz +- Ep.	91.50	92.60	1.10	336629	0.0025				
		<<Alt: 90.75 - 94.7: weak Epidote / weak K-feldspar>> Erratic mm to cm thick bands of Ep rich material parallel to schistosity.Feldspar are red-colored locally.	92.60	93.15	0.55	336630	0.0025				
		<<Vein: 91.25 - 91.45: with sulphides>> Folded cm thick veins of Qtz + Chl + Grt + Fk(or Ab) veinlet). Represent 5% of the interval.	93.15	93.80	0.65	336631	0.0025				
		<<Vein: 92.7 - 93.15: with sulphides>> Folded cm thick veins of Qtz + Chl + Grt + Fk(or Ab) veinlet). Represent 5% of the interval.	93.80	94.70	0.90	336632	0.006				
		<<Vein: 93.55 - 93.75: with sulphides>> Qtz + Fk (or Ab) + Ep + Chl + Py veinlets, 1-3 cm									
94.70	**110.80**	**E3T Felsic Tuff GS0**									
		Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc									
		<<Min: 101.85 - 102.25: 2% pyrite>> associated with Qtz + Fk + Ep + Chl + Grt alteration									
		<<Min: 105.75 - 105.9: 10% pyrite>> With Qtz + Chl +Ser +- Ank veins, and F-K pervasive alteration.									
		<<Alt: 94.7 - 95.7: strong Epidote / moderate K-feldspar>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosity									
		<<Alt: 95.7 - 101.85: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil									
		<<Alt: 101.85 - 102.25: strong Epidote / intense K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.Pervasive replacement, associated with Grt + Ep + Chl + Py + Qtz +- Ank alteration veinlets.Stockwo									
		<<Alt: 102.25 - 105.75: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil									
		<<Alt: 105.75 - 105.9: strong Epidote / intense K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.Pervasive K-Fs alteration associated with Qtz + Chl +Ser + Py +- Ank veinsStockworks of millimetric									

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From (m)	To (m)	Rock Type & Description
		<<Alt: 105.9 - 106.7: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil
		<<Alt: 106.7 - 106.9: strong Epidote / intense K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.Pervasive K-Fs alteration associated with Qtz + Chl +Ser + Py +- Ank veinsStockworks of millimetric
		<<Alt: 106.9 - 109.95: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil
		<<Alt: 109.95 - 110.8: intense Epidote / intense K-feldspar / intense Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.Pervasive replacement by K-Fs giving intense red color).Stockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle
		<<Vein: 102.3 - 102.55: with sulphides>> Irregular Qtz vein, cm size. Pervasive alteration of F-k + Ep + Chl + Grt + Py in wall-rock.
		<<Vein: 105 - 105.03: with sulphides>> Qtz + Fk + Ser + Chl + Py +- Ank vein. Unknown origin
		<<Vein: 105.75 - 105.9: with sulphides>> Pervasive F-K alteration associated with Qtz + Chl +Ser + Py +- Ank veins. Irregular orientation, sizes are mm.
		<<Vein: 106.7 - 106.9: with sulphides>> Pervasive F-K alteration associated with Qtz + Chl +Ser + Py +- Ank veins. Irregular orientation, sizes are mm.
		<<Struc: 99 - 121.3: Shistosity 50 deg. >> Moderate to strong schistosity. Locally reaching 70 tCA

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
94.70	96.20	1.50	336633	0.007				
96.20	97.70	1.50	336634	0.0025				
97.70	99.10	1.40	336635	0.0025				
99.10	100.40	1.30	336636	0.0025				
100.40	101.85	1.45	336637	0.0025				
101.85	102.25	0.40	336638	0.007				
102.25	103.20	0.95	336639	0.0025				
103.20	104.20	1.00	336640	0.005				
104.20	105.70	1.50	336641	0.0025				
105.70	107.00	1.30	336642	0.0025				
107.00	108.50	1.50	336643	0.0025				
108.50	109.95	1.45	336644	0.0025				
109.95	110.80	0.85	336646	0.007				

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From (m)	To (m)	Rock Type & Description
110.80	**111.20**	**I1 Mafic intrusive GS2**
		Dioritic to mafic intrusion. Affected by the same alteration the main unit have. Superior contact is diffuse.
		<<Alt: 110.8 - 132: strong Epidote / strong K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil
111.20	**120.65**	**E3T Felsic Tuff GS0**
		Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc
		<<Min: 113.45 - 113.65: 2% pyrite>> With Qtz + Chl +Ser +- Ank veins, and F-K pervasive alteration.
		<<Vein: 113.45 - 113.65: with sulphides>> Pervasive F-K alteration associated with Qtz + Chl +Ser + Py +- Ank veins. Irregular orientation, sizes are mm.
		<<Vein: 115.67 - 115.7: Quartz vein contain >90% quartz>> Quartz vein.
		<<Vein: 116.6 - 116.62: Quartz vein contain >90% quartz>> Quartz vein overprinted by Ser + Qtz veinlets stockwork alteration.
120.65	**121.40**	**I1 Mafic intrusive GS2**
		Dioritic to mafic intrusion. Affected by the same alteration the main unit have. Inferior contact lost in broken core
		<<Struc: 121.3 - 124.2: weak Fault>> Broken core, partially dissolved rock.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
110.80	111.20	0.40	336647	0.0025				
111.20	112.30	1.10	336648	0.0025				
112.30	113.30	1.00	336649	0.0025				
113.30	113.70	0.40	336650	0.0025				
113.70	115.00	1.30	336651	0.007				
115.00	116.20	1.20	336652	0.008				
116.20	117.70	1.50	336653	0.0025				
117.70	119.20	1.50	336654	0.0025				
119.20	120.65	1.45	336655	0.006				
120.65	121.40	0.75	336656	0.0025				
121.40	121.90	0.50	336657	0.0025				

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From (m)	To (m)		Rock Type & Description	
121.40	**121.90**	**E3T**	**Felsic Tuff**	**GS0**
Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc				
121.90	**122.90**	**I1**	**Mafic intrusive**	**GS2**
Dioritic to mafic intrusion. Affected by the same alteration the main unit have. Inferior contact lost in broken core				
122.90	**123.20**	**E3T**	**Felsic Tuff**	**GS0**
Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc				
123.20	**123.50**	**I1**	**Mafic intrusive**	**GS2**
Dioritic to mafic intrusion. Affected by the same alteration the main unit have. Superior contact lost in broken core				
123.50	**124.20**	**E3T**	**Felsic Tuff**	**GS0**
Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc				
124.20	**124.35**	**I1**	**Mafic intrusive**	**GS2**
Dioritic to mafic intrusion. Affected by the same alteration the main unit have. Superior contact lost in broken core <<Struc: 124.2 - 138.3: Shistosity 50 deg. >> Moderate to strong schistosity.				
124.35	**133.95**	**E3T**	**Felsic Tuff**	**GS0**
Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc <<Alt: 132 - 134.15: moderate Epidote / strong K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
121.90	122.90	1.00	336658	0.0025				
122.90	124.35	1.45	336659	0.0025				
124.35	126.00	1.65	336660	0.009				
126.00	127.50	1.50	336661	0.0025				
127.50	129.00	1.50	336662	0.0025				
129.00	130.50	1.50	336663	0.0025				
130.50	132.00	1.50	336665	0.007				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			132.00	133.50	1.50	336666	0.0025				
			133.50	134.40	0.90	336667	0.0025				
133.95	**134.15**	**I3A Granite GS1** Red fine granitic dyke with aplite texture.									
134.15	**136.70**	**E3T Felsic Tuff GS0** Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc <<Alt: 134.15 - 138.3: intense K-feldspar / moderate Silicification / moderate Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda									
			134.40	135.90	1.50	336668	0.0025				
			135.90	136.90	1.00	336669	0.0025				
136.70	**136.85**	**I3A Granite GS1** Red fine granitic dyke with aplite texture.									
136.85	**138.15**	**E3T Felsic Tuff GS0** Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc	136.90	137.80	0.90	336670	0.0025				
			137.80	138.30	0.50	336671	0.0025				
138.15	**138.20**	**I3A Granite GS1** Red fine granitic dyke with aplite texture. Irregular contacts.									
138.20	**138.30**	**E3T Felsic Tuff GS0** Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc									
			138.30	139.50	1.20	336672	0.0025				
138.30	**149.40**	**E2 Intermediate GS1** Diffuse contacts, unclear. Matrix seem more mafic. 5-15% small plagioclase phenocrysts some replaced by sericite. No more mirroir or glass appeareance find in the main unit.	139.50	140.50	1.00	336673	0.0025				
		<<Alt: 138.3 - 144: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime. Locally pervasive replacement within bands of mm size.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of mil	140.50	142.00	1.50	336674	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 144 - 149.4: moderate K-feldspar / weak Silicification / weak Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda	142.00	143.50	1.50	336675	0.0025				
		<<Struc: 138.3 - 156.2: Shistosity 30 deg. >> Moderate to strong schistosity. Progressively become at lower angle with core axis.	143.50	145.00	1.50	336676	0.008				
			145.00	146.50	1.50	336677	0.0025				
			146.50	148.00	1.50	336678	0.0025				
			148.00	149.40	1.40	336679	0.0025				
149.40	**156.20**	**E3T Felsic Tuff GS0**									
		Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc									
		<<Alt: 149.4 - 152.8: intense K-feldspar / weak Silicification / weak Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda									
		<<Alt: 152.8 - 154.9: strong K-feldspar / weak Silicification / weak Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda									
		<<Alt: 154.9 - 156.2: intense K-feldspar / weak Silicification / weak Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda									
			149.40	150.30	0.90	336680	0.0025				
			150.30	151.30	1.00	336681	0.0025				
			151.30	152.80	1.50	336682	0.0025				
			152.80	153.90	1.10	336683	0.0025				
			153.90	154.90	1.00	336685	0.008				
			154.90	156.20	1.30	336686	0.0025				
156.20	**157.70**	**I1 Mafic intrusive GS2**									
		Mafic intrusion with 5-10% hornblend phenocrysts (partially replaced my Chl), Low schistosity.									
		<<Alt: 156.2 - 165.9: strong K-feldspar / weak Silicification / weak Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda									
		<<Struc: 156.2 - 157.7: Shistosity 30 deg. >> Low intensity schistosity.									
			156.20	157.70	1.50	336687	0.0025				

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From (m)	To (m)	Rock Type & Description		
157.70	**166.50**	**E3T** **Felsic Tuff**		**GS0**

Dacite or rhyolite (not a tuff, no existing code). Light to medium grey. Glass / mirror texture. Strong schistosity marked by laminations of Ser rich bands. Possible flow banding transposed within schistosity. Red/pink bands accompagned bby Qtz + Ser stoc

<<Alt: 165.9 - 166.5: intense K-feldspar / moderate Silicification / moderate Epidote>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discorda

<<Struc: 157.7 - 166.5: Shistosity 30 deg. >> Moderate to strong schistosity. Progressively become at lower angle with core axis.

From (m)	To (m)	Rock Type & Description		
166.50	**169.15**	**I1** **Mafic intrusive**		**GS2**

Superior contact is diffuse. Inferior contact is progressive and at low angle with core axis over 70 cm. Gabbroic rock with 5-10% Hbl phenocrysts partially replaced by Chl. Plagioclases are red-pink.

<<Alt: 166.5 - 178.8: moderate K-feldspar / weak Silicification / weak Epidote>> K-Fs (or albite) alteration in mm to cm fractures, irregular orientation. Feldspars are red-pink.Stockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets paralle

<<Struc: 166.5 - 179.7: Shistosity 20 deg. >> Low to very low intensity schistosity at low angle with core axis.

From (m)	To (m)	Rock Type & Description		
169.15	**170.00**	**I3A** **Granite**		**GS2**

Red fine granitic dyke with aplite texture.

<<Min: 169.15 - 170: 2% pyrite>>

From (m)	To (m)	Rock Type & Description		
170.00	**179.70**	**I1** **Mafic intrusive**		**GS2**

Superior contact is diffuse. Inferior contact is progressive and at low angle with core axis over 70 cm. Gabbroic rock with 5-10% Hbl phenocrysts partially replaced by Chl. Plagioclases are red-pink.

<<Alt: 178.8 - 179.7: strong Epidote / strong K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, irregular orientationStockworks of millimetric Qtz + Ep +- Ank veinlets parallel and discordant to schis

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
157.70	158.80	1.10	336688	0.0025				
158.80	159.90	1.10	336689	0.0025				
159.90	161.40	1.50	336690	0.0025				
161.40	162.90	1.50	336691	0.0025				
162.90	164.40	1.50	336692	0.0025				
164.40	165.90	1.50	336693	0.012				
165.90	166.50	0.60	336694	0.019				
166.50	168.00	1.50	336695	0.0025				
168.00	169.15	1.15	336696	0.0025				
169.15	170.00	0.85	336697	0.0025				
170.00	171.50	1.50	336698	0.0025				
171.50	173.00	1.50	336699	0.0025				

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From (m)	To (m)	Rock Type & Description
179.70	**191.95**	**E2 Intermediate GS1**
Medium grey. Unit is intersected at very low angle with core axis (down dip). Locally 5-15% small plagioclase phenocrysts some replaced by sericite. Superior contact is incertain.		
<<Min: 180.5 - 180.55: 2% pyrite>>		
<<Alt: 179.7 - 185: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Epveinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, irregular orientation. Feldspars are red-pink.Stockworks of millimetric Qtz + Ep veinlets parallel and dis		
<<Alt: 185 - 187.1: moderate Epidote / strong K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Epveinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, breccia like, where fragments are red pink pervasively replaced by K-FsStockworks of millimetric Qtz + Ep		
<<Alt: 187.1 - 198.4: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Epveinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, within schistosity. Feldspars are red-pink.Stockworks of millimetric Qtz + Ep veinlets parallel and discor		
<<Vein: 180.5 - 180.55: Quartz vein contain >90% quartz>> Discontinuous irregular vein of Qtz + Feldspar (red). 1% Py in wallr-rock, not in the vein itself.		
<<Vein: 183.75 - 183.8: Quartz vein contain >90% quartz>> Veinlet of Qtz + Feldspar (red).		
<<Struc: 179.7 - 213.1: Shistosity 10 deg. >> Whole unit schistosity is downdip, almost parallel to core axis.		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
173.00	174.50	1.50	336700	0.0025				
174.50	176.00	1.50	336701	0.0025				
176.00	177.50	1.50	336702	0.0025				
177.50	178.80	1.30	336703	0.0025				
178.80	179.70	0.90	336705	0.0025				
179.70	180.70	1.00	336706	0.0025				
180.70	182.00	1.30	336707	0.0025				
182.00	183.50	1.50	336708	0.0025				
183.50	185.00	1.50	336709	0.0025				
185.00	186.00	1.00	336710	0.0025				
186.00	187.10	1.10	336711	0.0025				
187.10	188.50	1.40	336712	0.0025				
188.50	190.00	1.50	336713	0.0025				
190.00	191.50	1.50	336714	0.0025				
191.50	192.50	1.00	336715	0.0025				

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From (m)	To (m)		Rock Type & Description	
191.95	**192.25**	**I1**	**Mafic intrusive**	**GS1**
Mafic intrusion, green. Turned to amphibolite. (partially retrograded to chlorite).				
192.25	**213.10**	**E2**	**Intermediate**	**GS1**
Medium grey. Unit is intersected at very low angle with core axis (down dip). Locally 5-15% small plagioclase phenocrysts some replaced by sericite. Superior contact is incertain.				
<<Alt: 198.4 - 198.9: moderate Epidote / strong K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Epveinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, within schistosity, where wall-rock is pervasively replaced by K-Fs.Stockworks of millimetric Qtz + Ep vei				
<<Alt: 198.9 - 199.2: intense Epidote / strong K-feldspar / intense Silicification>> Stockwork or breccia of Qtz + Ep.K-Fs (or albite) alteration in mm to cm fractures, within schistosity, where wall-rock is pervasively replaced by K-Fs.Stockwork or breccia of Qtz + Ep.				
<<Alt: 199.2 - 201.25: strong Epidote / strong K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, within schistosity, where wall-rock is pervasively replaced by K-Fs.Stockworks of millimetric Qtz + Ep ve				
<<Alt: 201.25 - 213.1: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Epveinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, within schistosity. Feldspars are red-pink.Stockworks of millimetric Qtz + Ep veinlets parallel and discor				
<<Vein: 203.95 - 204.05: Quartz vein contain >90% quartz>> Veinlet of Qtz + Feldspar (red) + Ep + Cal.				
213.10	**214.75**	**E1A**	**Basalt**	**GS1**
Infered superior contact at low angle with core axis.. Unit is dark grey. Schistosed at low angle with core axis.Erratic cm sized irregular patches of red feldspar visible with amphiboles in first 30 m and on 319.05 - 375.05, (pockets of gabbroic materia				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
192.50	194.00	1.50	336716	0.0025				
194.00	195.50	1.50	336717	0.0025				
195.50	197.00	1.50	336718	0.0025				
197.00	198.40	1.40	336719	0.01				
198.40	199.90	1.50	336720	0.0025				
199.90	201.25	1.35	336721	0.0025				
201.25	202.70	1.45	336722	0.0025				
202.70	203.80	1.10	336723	0.0025				
203.80	204.40	0.60	336724	0.0025				
204.40	205.90	1.50	336726	0.0025				
205.90	207.40	1.50	336727	0.0025				
207.40	208.90	1.50	336728	0.0025				
208.90	210.20	1.30	336729	0.0025				
210.20	211.70	1.50	336730	0.0025				
211.70	213.10	1.40	336731	0.0025				
213.10	214.60	1.50	336732	0.0025				
214.60	215.60	1.00	336733	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 213.1 - 218: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Epveinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, within schistosity. Feldspars are red-pink.Stockworks of millimetric Qtz + Ep veinlets parallel and discor													
<<Struc: 213.1 - 362.9: Shistosity 20 deg. >> Moderate to strong schistosity. Almost parallel to low angle with core axis.													
214.75	**215.55**	**I3A**	**Granite**	**GS1**									
4 x cm to dm thick dykes of red fine granitic material with local aplite texture. Irregular orientation, cross-cutting foliation													
215.55	**249.00**	**E1A**	**Basalt**	**GS1**	215.60	217.00	1.40	336734	0.0025				
Infered superior contact at low angle with core axis.. Unit is dark grey. Schistosed at low angle with core axis.Erratic cm sized irregular patches of red feldspar visible with amphiboles in first 30 m and on 319.05 - 375.05, (pockets of gabbroic materia													
<<Alt: 218 - 218.4: intense Epidote / moderate K-feldspar / intense Silicification>> Stockwork or breccia of Qtz + Ep.K-Fs (or albite) alteration in mm to cm fractures, within schistosity. Feldspars are red-pink.Stockwork or breccia of Qtz + Ep.					217.00	218.50	1.50	336735	0.0025				
<<Alt: 218.4 - 234.2: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm to cm fractures, within schistosity. Feldspars are red-pink.Stockworks of millimetric Qtz + Ep veinlets parallel and disco					218.50	220.00	1.50	336736	0.015				
<<Alt: 234.2 - 234.7: moderate Epidote / strong K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.Pervasive red replacement, mm thick fractures filld with K-Fs (or albite).Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity					220.00	221.50	1.50	336737	0.0025				
<<Alt: 234.7 - 235.5: strong Epidote / strong K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.Pervasive red replacement, mm thick fractures filld with K-Fs (or albite).Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity					221.50	223.00	1.50	336738	0.0025				
<<Alt: 235.5 - 240.5: strong Epidote / weak K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.					223.00	224.00	1.00	336739	0.0025				
<<Alt: 240.5 - 249.5: strong Epidote / strong K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep veinlets parallel and discordant to sc					224.00	225.50	1.50	336740	0.0025				
<<Vein: 246.95 - 247.05: Quartz vein contain >90% quartz>> Qtz vein, no internal structure. Direct wall-rock is laminated.					225.50	227.00	1.50	336741	0.0025				
					227.00	228.50	1.50	336742	0.0025				
					228.50	230.00	1.50	336743	0.0025				
					230.00	231.50	1.50	336744	0.0025				
					231.50	233.00	1.50	336746	0.0025				
					233.00	234.20	1.20	336747	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			234.20	234.70	0.50	336748	0.0025				
			234.70	235.50	0.80	336749	0.0025				
			235.50	237.00	1.50	336750	0.01				
			237.00	238.50	1.50	336751	0.0025				
			238.50	239.90	1.40	336752	0.0025				
			239.90	240.50	0.60	336753	0.0025				
			240.50	241.00	0.50	336754	0.0025				
			241.00	242.50	1.50	336755	0.0025				
			242.50	243.50	1.00	336756	0.0025				
			243.50	246.00	2.50	336757	0.0025				
			246.00	246.70	0.70	336758	0.0025				
			246.70	247.20	0.50	336796	0.0025				
			247.20	248.20	1.00	336759	0.0025				
			248.20	249.30	1.10	336760	0.0025				
249.00	**250.80**	**I3A Granite GS2**	249.30	250.80	1.50	336761	0.035				
Diffuse contacts, unclear. Felsic to intermediate intrusion with Feldspar phenocrysts. <<Alt: 249.5 - 251.8: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm fracturesStockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.											
			250.80	251.80	1.00	336762	0.0025				
250.80	**251.80**	**I3A Granite GS1**									
Red granitic dyke, aplitic texture, cross-cutting floation. <<Min: 250.8 - 251.8: 2% pyrite>>											
			251.80	252.50	0.70	336763	0.0025				
251.80	**316.50**	**E1A Basalt GS1**	252.50	253.50	1.00	336764	0.0025				
Infered superior contact at low angle with core axis.. Unit is dark grey. Schistosed at low angle with core axis.Erratic cm sized irregular patches of red feldspar visible with amphiboles in first 30 m and on 319.05 - 375.05, (pockets of gabbroic materia											
<<Min: 261 - 271.4: 2% pyrite>>			253.50	255.00	1.50	336766	0.006				
<<Alt: 251.8 - 263.6: strong Epidote / strong K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets parallel and discordant to schistosity. Brittle regime.K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosityStockworks of millimetric Qtz + Ep veinlets parallel and discordant to sc			255.00	256.50	1.50	336767	0.015				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 263.6 - 274.2: weak Epidote / weak K-feldspar / weak Silicification>>	256.50	258.00	1.50	336768	0.0025				
		<<Alt: 274.2 - 287: moderate Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.	258.00	259.00	1.00	336769	0.0025				
		<<Alt: 287 - 287.3: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.	259.00	260.00	1.00	336770	0.0025				
		<<Alt: 287.3 - 304.9: moderate Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.	260.00	261.50	1.50	336771	0.015				
		<<Alt: 304.9 - 305.3: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.	261.50	263.00	1.50	336772	0.006				
		<<Alt: 305.3 - 310.9: moderate Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.	263.00	263.60	0.60	336773	0.0025				
		<<Alt: 310.9 - 312.7: moderate Epidote / strong K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures or in pervasive bands along schistosity	263.60	265.00	1.40	336774	0.0025				
		<<Alt: 312.7 - 316.5: moderate Epidote / weak K-feldspar / moderate Silicification>>	274.20	275.20	1.00	336775	0.006				
		<<Vein: 295.6 - 295.62: Quartz vein contain >90% quartz>> Quartz veinlet, no internal structure.	275.20	276.00	0.80	336776	0.0025				
			276.00	277.50	1.50	336777	0.0025				
			277.50	279.00	1.50	336778	0.007				
			279.00	280.50	1.50	336779	0.006				
			280.50	282.00	1.50	336780	0.0025				
			286.80	287.30	0.50	336781	0.0025				
			304.70	305.30	0.60	336782	0.007				
			305.30	306.70	1.40	336783	0.008				
			306.70	308.10	1.40	336784	0.017				
			308.10	309.00	0.90	336786	0.011				
			309.00	310.00	1.00	336787	0.006				
			310.00	310.90	0.90	336788	0.011				
			310.90	312.00	1.10	336789	0.011				
			312.00	312.70	0.70	336790	0.0025				
			312.70	313.50	0.80	336791	0.005				
			313.50	315.00	1.50	336792	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			315.00	316.50	1.50	336793	0.0025				
316.50	**319.05**	**I3A Granite GS2**	316.50	318.00	1.50	336794	0.013				
		Non deformed medium grained red granitic dyke. Contacts are irregular.									
		<<Vein: 316.5 - 319.05: with sulphides>> Brittle cm-thick to dm-thick quartz vein, no internal structure. No particular orientation.	318.00	319.05	1.05	336795	0.008				
319.05	**334.20**	**E1A Basalt GS1**									
		Infered superior contact at low angle with core axis.. Unit is dark grey. Schistosed at low angle with core axis.Erratic cm sized irregular patches of red feldspar visible with amphiboles in first 30 m and on 319.05 - 375.05, (pockets of gabbroic materia									
		<<Alt: 319.05 - 328.5: strong Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 328.5 - 328.8: strong Epidote / strong K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.Pervasive K-Fs (or albite) alteration, fractured related too.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 328.8 - 355: strong Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
			319.05	320.60	1.55	336797	0.009				
			328.40	328.90	0.50	336798	0.007				
334.20	**334.30**	**I3A Granite GS1**									
		red granitic fine grained intrusion. Coarser on borders.									
334.30	**371.85**	**E1A Basalt GS1**									
		Infered superior contact at low angle with core axis.. Unit is dark grey. Schistosed at low angle with core axis.Erratic cm sized irregular patches of red feldspar visible with amphiboles in first 30 m and on 319.05 - 375.05, (pockets of gabbroic materia									
		<<Alt: 355 - 358.3: strong Epidote / intense K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.Pervasive K-Fs (or albite) alteration, fractured related too.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 358.3 - 365: strong Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 365 - 375.05: strong Epidote / strong K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.Pervasive K-Fs (or albite) alteration, fractured related too.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									

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From (m)	To (m)	Rock Type & Description
		<<Struc: 362.9 - 365: weak Fault>> Irregular dm-thick intervals of broken core.
		<<Struc: 365 - 411.3: Shistosity 15 deg. >> Moderate to strong schistosity. Almost parallel to low angle with core axis.
371.85	**384.30**	**I3A Granite**
		Gabbroic to dioritic, porphyritic portion of the unit. 25% visible mm plagioclases. Diffuse.
		<<Alt: 375.05 - 384.3: strong Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.
384.30	**432.60**	**E1A Basalt GS1**
		Dark grey to green unit. Schistosed at low angle with core axis. Few patches or pockets of phaneretic Pl + Hbl locally, less than previous unit. Less porphyritic. Possible superior contact at about 10 tCA. Very strongly altered unit; hematite alteration a
		<<Alt: 384.3 - 386.7: intense Epidote / moderate K-feldspar / intense Silicification>> Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.
		<<Alt: 386.7 - 386.8: strong Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.
		<<Alt: 386.8 - 388.9: strong Epidote / moderate K-feldspar / moderate Silicification / weak Hematitic>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.
		<<Alt: 388.9 - 389.03: strong Epidote / moderate K-feldspar / moderate Silicification / complete Calcite>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
353.80	355.30	1.50	336799	0.0025				
355.30	356.80	1.50	336800	0.0025				
356.80	358.30	1.50	336801	0.0025				
365.00	366.00	1.00	336802	0.0025				
366.00	367.00	1.00	336803	0.007				
367.00	368.50	1.50	336804	0.0025				
368.50	369.50	1.00	336806	0.0025				
369.50	370.50	1.00	336807	0.0025				
370.50	372.00	1.50	336808	0.0025				
372.00	373.50	1.50	336809	0.0025				
373.50	375.05	1.55	336810	0.0025				
383.00	384.30	1.30	336811	0.006				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 389.03 - 392.2: strong Epidote / moderate K-feldspar / moderate Silicification / weak Hematitic>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 392.2 - 393.4: strong Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 393.4 - 393.5: strong Epidote / moderate K-feldspar / moderate Silicification / complete Chlorite>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 393.5 - 397.75: strong Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 397.75 - 398: strong Epidote / moderate K-feldspar / moderate Silicification / intense Chlorite>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 398 - 403: strong Epidote / moderate K-feldspar / moderate Silicification>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.Stockworks of millimetric Qtz + Ep veinlets discordant with schistosity.									
		<<Alt: 403 - 405.75: strong Epidote / moderate K-feldspar>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.									
		<<Alt: 405.75 - 406: strong Epidote / moderate K-feldspar / moderate Calcite>> K-Fs (or albite) alteration in mm fractures, locally feldspar have red color.									
		<<Alt: 406 - 406.2: strong Epidote / strong K-feldspar / moderate Calcite>>									
		<<Alt: 406.2 - 406.75: strong Epidote / strong K-feldspar / strong Hematitic>>									
		<<Alt: 406.75 - 407.1: strong Epidote / strong Hematitic>>									
		<<Alt: 407.1 - 408.5: strong Epidote>>									
		<<Alt: 408.5 - 411.15: intense Epidote>>									
		<<Alt: 411.15 - 411.8: intense Epidote / strong Hematitic>>									
		<<Alt: 411.8 - 412: intense Epidote>>									
		<<Alt: 412 - 413.2: strong Epidote>>									
		<<Alt: 413.2 - 415.65: strong Epidote / intense Chlorite>>									
		<<Alt: 415.65 - 417.5: strong Epidote>>									
		<<Alt: 417.5 - 418.9: strong Epidote / weak Hematitic>>									
		<<Alt: 418.9 - 423.8: strong Epidote>>									
		<<Alt: 423.8 - 425: strong Epidote / moderate Hematitic>>									
		<<Alt: 425 - 427.2: strong Epidote>>									

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 427.2 - 427.3: strong Epidote / intense Hematitic>>									
		<<Alt: 427.3 - 428.8: strong Epidote>>									
		<<Alt: 428.8 - 429: strong Epidote / moderate Hematitic>>									
		<<Alt: 429 - 429.5: intense Epidote / moderate Hematitic>>									
		<<Alt: 429.5 - 429.8: intense Epidote / moderate Silicification / moderate Hematitic>>									
		<<Alt: 429.8 - 430: intense Epidote / moderate Silicification>>									
		<<Alt: 430 - 430.9: moderate Epidote / moderate Silicification>>									
		<<Alt: 430.9 - 431.5: moderate Epidote / moderate Silicification / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.									
		<<Alt: 431.5 - 436.5: moderate Epidote / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.									
		<<Struc: 411.3 - 411.35: moderate Fault 15 deg. >> Low angle fault with strong hematite alteration and gouge.									
		<<Struc: 411.35 - 423.85: Shistosity 15 deg. >> Low angle moderate schistosity.									
		<<Struc: 423.85 - 424.3: moderate Fault 15 deg. >> Rubbled zone through small faults, many surfaces with hematite altered gouge.									
		<<Struc: 424.3 - 433.85: Shistosity 20 deg. >> Low angle moderate schistosity.									
			384.30	385.50	1.20	336812	0.014				
			385.50	386.70	1.20	336813	0.007				
			386.70	388.20	1.50	336814	0.016				
			388.20	389.70	1.50	336815	0.038				
			406.00	407.00	1.00	336816	0.012				
			407.00	408.00	1.00	336817	0.0025				
			408.00	409.00	1.00	336818	0.0025				
			409.00	410.00	1.00	336819	0.006				
			410.00	411.00	1.00	336820	0.0025				
			411.00	412.00	1.00	336821	0.0025				
			412.00	413.00	1.00	336822	0.0025				
			417.00	418.00	1.00	336823	0.0025				
			418.00	419.00	1.00	336824	0.0025				
			419.00	420.00	1.00	336826	0.0025				
			420.00	421.00	1.00	336827	0.047				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				421.00	422.00	1.00	336828	0.0025				
				422.00	423.00	1.00	336829	0.0025				
				423.00	424.00	1.00	336830	0.016				
				424.00	425.00	1.00	336831	0.006				
				425.00	426.00	1.00	336832	0.0025				
				426.00	427.20	1.20	336833	0.0025				
				427.20	427.50	0.30	336834	0.063				
				427.50	428.50	1.00	336835	0.025				
432.60	**436.60**	**I3S** **Feldspar porphyry**	**GS1**	433.00	433.80	0.80	336836	0.0025				
Non distinct upper and lower contacts. Very similar to surrounding basalt, both units are severly obscurred. The distinguishing feature are small rounded 1-3mm plagioclase phenocryststs.												
<<Alt: 436.5 - 437.4: strong Epidote / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.				433.80	434.35	0.55	336837	0.0025				
<<Struc: 433.85 - 434: weak Fault 20 deg. >> Fault with hematite alteration.				434.35	435.35	1.00	336838	0.023				
<<Struc: 434 - 454: Shistosity 25 deg. >> Low angle moderate schistosity.												
436.60	**454.27**	**E1A** **Basalt**	**GS1**	442.00	443.00	1.00	336839	0.0025				
As above basalt. Green and brown. Strong hematite alteration.												
<<Alt: 437.4 - 438.2: strong Epidote / moderate Silicification / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.				443.00	443.50	0.50	336840	0.0025				
<<Alt: 438.2 - 438.6: strong Epidote / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.				443.50	444.50	1.00	336841	0.0025				
<<Alt: 438.6 - 439.6: complete Epidote / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.												
<<Alt: 439.6 - 439.65: complete Epidote / moderate Silicification / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.												
<<Alt: 439.65 - 444.5: moderate Epidote / moderate Silicification / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.												
<<Alt: 444.5 - 445.4: complete Epidote / moderate Silicification / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.												
<<Alt: 445.4 - 450: strong Epidote / moderate Silicification / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.												
<<Alt: 450 - 454: strong Epidote / moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.												

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 454 - 455: moderate Hematitic>> Hematite staining on all fractures and alteration halo from every fracture and additional disseminated hematite through interval.											
<<Struc: 454 - 489: weak Foliation 35 deg. >>											
454.27	**455.00**	**I1A Gabbro GS2**									
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
455.00	**455.94**	**I3A Granite GS2**									
Hematite stained felsic intrusion.											
455.94	**456.25**	**I1A Gabbro GS2**									
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
456.25	**456.94**	**I3A Granite GS2**									
Hematite stained felsic intrusion.											
456.94	**466.80**	**I1A Gabbro GS2**									
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
466.80	**467.80**	**I3A Granite GS2**									
Intensely hematite altered granitic intrusion.											
467.80	**468.30**	**I1A Gabbro GS2**									
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
468.30	**469.05**	**I3A Granite GS2**									
Intensely hematite altered granitic intrusion.											
469.05	**476.70**	**I1A Gabbro GS2**									
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
<<Vein: 471 - 471.03: Quartz vein contain >90% quartz>> Bull QV crosscutting gabbro, no mineralization.											

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
476.70	**477.80**	**I3A Granite GS3**									
Hematite stained granitic intrusion.											
477.80	**478.20**	**I1A Gabbro GS2**									
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
478.20	**478.57**	**I3A Granite GS2**									
Hematite stained granitic intrusion.											
478.57	**499.30**	**I1A Gabbro GS2**	483.50	484.50	1.00	336842	0.006				
Fine to medium grained grey-green basalt. Upper contact and textural relationship with overlying contact lost in intense alteration. Weakly foliated, hematite alteration in fractures, crosscut by small hematite stained felsic intrusions. Weak alteration i											
<<Min: 484.8 - 484.95: 2% arsenopyrite>>			484.50	485.00	0.50	336843	0.0025				
			485.00	486.00	1.00	336844	0.0025				
			498.20	499.20	1.00	336846	0.0025				
			499.20	499.70	0.50	336847	0.006				
499.30	**516.66**	**I3S Feldspar porphyry GS1**									
Grey to dark grey porphyritic felsic intrusion. Subrounded milky white quartz crystals make up ~15% of interval, groundmass is made up of finer quartz, biotite and chlorite. Epidodte and potassic alteration brought in through fractures. Shows weak foliati											
<<Alt: 499.3 - 499.45: weak Epidote / moderate K-feldspar>>											
<<Alt: 499.45 - 500.65: weak Epidote>>											
<<Alt: 500.65 - 513: weak Epidote>>											
<<Alt: 513 - 516: strong K-feldspar / weak Epidote>>											
<<Alt: 516 - 519.35: weak Epidote>>											
<<Vein: 499.4 - 499.91: Quartz vein contain >90% quartz>> Milky white unminralized vein											
<<Vein: 508.2 - 508.22: Quartz vein contain >90% quartz>> Grey semi opaque qv											
<<Struc: 511 - 519: weak Foliation 40 deg. >>											
			499.70	500.70	1.00	336848	0.0025				

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
516.66	**561.00**	**E2 Intermediate GS1**									
Grey green fine grained intermediate volcanic. Interval near upper contact is completetly obscured by alteration. Fracture related epidote/potassic alteration throughout, little to no quartz veining. Very weak foliation can be made out, rock does not have											
<<Alt: 519.35 - 519.5: intense K-feldspar / weak Epidote>>											
<<Alt: 519.5 - 520.3: intense K-feldspar>>											
<<Alt: 520.3 - 521: intense K-feldspar / moderate Epidote>>											
<<Alt: 521 - 523.5: moderate Epidote>>											
<<Alt: 528.9 - 530.5: moderate K-feldspar>>											
<<Alt: 546.6 - 548.4: moderate K-feldspar>>											
<<Vein: 519.3 - 520.35: Quartz vein contain >90% quartz>> Stockwork of 1-3mm light grey quartz veinlets, trace py											
<<Vein: 550.95 - 550.96: Quartz vein contain >90% quartz>> White unmineralized quartz vein.											
			518.30	519.30	1.00	336849	0.0025				
			519.30	520.50	1.20	336850	0.0025				
			520.50	521.50	1.00	336851	0.0025				
			521.50	523.00	1.50	336852	0.0025				
			532.00	533.00	1.00	336853	0.0025				
			533.00	534.00	1.00	336854	0.0025				
			547.50	548.50	1.00	336855	0.0025				
			548.50	549.00	0.50	336856	0.008				
			549.00	550.00	1.00	336857	0.0025				
561.00	**562.48**	**I3A Granite GS3**									
Hematite stained granitic intrusion.											
562.48	**575.88**	**E2 Intermediate GS1**									
Grey green fine grained intermediate volcanic. Interval near upper contact is completetly obscured by alteration. Fracture related epidote/potassic alteration throughout, little to no quartz veining. Very weak foliation can be made out, rock does not have											
<<Alt: 562.5 - 570.6: weak Epidote>>											
			564.00	565.00	1.00	336858	0.0025				
			565.00	566.00	1.00	336859	0.005				
			566.00	567.00	1.00	336860	0.006				

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
575.88	**579.15**	**I1A Gabbro GS2**									
Medium to dark green homogeneous gabbro. Very weak foliation shown by slight pinching and orientation of larger crystals. Little to no quartz veining, largely unalterated except for a few fractures bringing in qtz/ser/ep/pot alteration assemblage. Epidot											
579.15	**580.90**	**I3A Granite GS2**									
Granitic intrusion with secondary potassic alteration and green sericite in hairline fractures.											
580.90	**677.50**	**I1A Gabbro GS2**	582.50	583.50	1.00	336861	0.0025				
Medium to dark green homogeneous gabbro. Very weak foliation shown by slight pinching and orientation of larger crystals. Little to no quartz veining, largely unalterated except for a few fractures bringing in qtz/ser/ep/pot alteration assemblage. Epidot											
<<Alt: 594.1 - 595.4: moderate Epidote>> Light green silicified epidote alteration (?)			583.50	584.00	0.50	336862	0.007				
<<Alt: 598 - 599.6: moderate Epidote>>			584.00	585.00	1.00	336863	0.0025				
<<Alt: 601 - 604: intense Epidote / moderate Hematitic>>			588.25	589.25	1.00	336864	0.006				
<<Alt: 604 - 605: moderate Hematitic>>			589.25	589.75	0.50	336865	0.015				
<<Alt: 605 - 606: strong Epidote / moderate Hematitic>>			589.75	590.75	1.00	336866	0.0025				
<<Alt: 606 - 607.4: moderate Hematitic>>			591.90	593.50	1.60	336868	0.006				
<<Alt: 607.4 - 607.5: complete Epidote / moderate Hematitic>>			593.50	595.10	1.60	336869	0.009				
<<Alt: 607.5 - 608.4: complete Epidote / moderate Calcite>>			601.00	602.50	1.50	336870	0.005				
<<Alt: 608.4 - 611.4: complete Epidote / moderate Hematitic>>			602.50	604.00	1.50	336871	0.005				
<<Alt: 611.4 - 611.7: moderate Hematitic>>			604.00	605.50	1.50	336872	0.0025				
<<Alt: 619.9 - 621: moderate K-feldspar>>			605.50	607.00	1.50	336873	0.0025				
<<Alt: 625.7 - 635.9: weak Epidote>>			607.00	608.50	1.50	336874	0.0025				
<<Alt: 635.9 - 636.1: strong Epidote>>			608.50	610.00	1.50	336875	0.0025				
<<Alt: 639.75 - 640.8: strong Epidote>>			610.00	611.50	1.50	336876	0.0025				
<<Alt: 641.4 - 642: strong Epidote>>			611.50	613.00	1.50	336877	0.0025				
<<Alt: 652.6 - 652.9: moderate Epidote>>			625.00	626.00	1.00	336878	0.0025				
<<Alt: 655.5 - 657: weak Epidote>>			626.00	626.50	0.50	336879	0.0025				
<<Alt: 661.4 - 665.5: weak Epidote>>			626.50	627.50	1.00	336880	0.0025				
<<Vein: 581 - 581.04: Quartz vein contain >90% quartz>> White bull qv, unmineralized			634.50	635.75	1.25	336881	0.0025				
<<Vein: 586.5 - 586.53: Quartz vein contain >90% quartz>> White bull qv, unmineralized			635.75	636.25	0.50	336882	0.0025				
<<Vein: 589.46 - 589.47: with sulphides>> Thin grey qv with carb and epidote alteration			636.25	637.50	1.25	336883	0.01				

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 601.3 - 601.31: Quartz vein contain >90% quartz>> Milky white quartz vein with alteration	637.50	639.00	1.50	336884	0.009				
		<<Vein: 603.55 - 603.58: Quartz vein contain >90% quartz>> Unmineliazed quartz vein, broken up	639.00	640.50	1.50	336886	0.0025				
		<<Vein: 605.4 - 605.42: Quartz vein contain >90% quartz>> Unmineliazed quartz vein, broken up	640.50	642.10	1.60	336887	0.005				
		<<Vein: 608.2 - 608.22: Quartz vein contain >90% quartz>> Unmineliazed quartz vein, broken up	644.50	645.85	1.35	336888	0.0025				
		<<Vein: 622.73 - 622.74: Quartz vein contain >90% quartz>> Light grey, vitreous, plag, alt halo	645.85	647.50	1.65	336889	0.0025				
		<<Vein: 623.03 - 623.04: Quartz vein contain >90% quartz>> White qv with alteration	647.50	649.00	1.50	336890	0.0025				
		<<Vein: 623.13 - 623.14: Quartz vein contain >90% quartz>> White qv with alteration	649.00	650.50	1.50	336891	0.006				
		<<Vein: 641.1 - 641.12: Quartz vein contain >90% quartz>> White, unmineralized	650.50	651.00	0.50	336892	0.01				
		<<Vein: 642.05 - 642.06: Quartz vein contain >90% quartz>> Irregular shape, white, opaque	651.00	652.50	1.50	336893	0.0025				
		<<Vein: 645.89 - 646.04: Quartz vein contain >90% quartz>> Bull qv	652.50	653.00	0.50	336894	0.012				
		<<Vein: 650.6 - 650.61: Quartz vein contain >90% quartz>> Opaque, white, trace cp py	653.00	654.50	1.50	336895	0.0025				
		<<Vein: 652.6 - 652.88: with sulphides>> Small qv stockwork associated with epidote alteration	654.50	656.00	1.50	336896	0.0025				
		<<Vein: 669 - 669.01: Quartz vein contain >90% quartz>> White, unmineralized	656.00	657.50	1.50	336897	0.0025				
		<<Vein: 672.12 - 672.13: Quartz vein contain >90% quartz>> Light grey, vitreous, unmineralized									
		<<Struc: 600.95 - 601.15: Breccia>> Broken, brecciated interval, ample light green sericite(?)									
		<<Struc: 602.25 - 603.75: Breccia>> Hydrothermal breccia, brecciated by light green mineral									
		<<Struc: 605 - 606: Breccia>> Hydrothermal breccia, brecciated by light green mineral									
		<<Struc: 607.4 - 608.4: Breccia>> Very strong hydrothermal breccia, distinct angular welded clasts.									
		<<Struc: 608.4 - 611.8: Breccia>> Hydrothermal breccia, brecciated by light green mineral									
		<<Struc: 639.9 - 640.05: Breccia>> Small epidote hydrothermal breccia									
677.50	**741.13**	**E2 Intermediate GS1**	687.00	688.10	1.10	336898	0.007				
		Dark grey-green mafic flow with strong siliceous groundmass pushing into the andesite range. Mineral assemblage is dominated by amorphous quartz rich ground mass, less interstitial chlorite and biotite. Quartz makes up >50% of interval, larger accretions									
		<<Alt: 677.85 - 678.75: strong Epidote>>	688.10	688.60	0.50	336899	0.007				
		<<Alt: 698 - 699.3: moderate Hematitic>>	688.60	689.60	1.00	336900	0.0025				
		<<Alt: 699.3 - 699.9: strong Epidote / moderate Hematitic>>	689.60	691.00	1.40	336901	0.0025				
		<<Alt: 699.9 - 703.5: moderate Hematitic>>	691.00	692.50	1.50	336902	0.0025				
		<<Alt: 720.15 - 722.5: moderate Epidote>>	692.50	694.00	1.50	336903	0.014				
		<<Alt: 738 - 738.2: strong Epidote>>	697.50	699.00	1.50	336904	0.0025				

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description
		<<Vein: 688.5 - 688.57: Quartz vein contain >90% quartz>> Light grey, semi vitreous, unmineralized, with alteration
		<<Vein: 689.23 - 689.25: Quartz vein contain >90% quartz>> Light grey, semi vitreous, unmineralized, with alteration
		<<Vein: 691.55 - 691.56: Quartz vein contain >90% quartz>> Light grey, semi vitreous, unmineralized, with alteration
		<<Vein: 692.7 - 692.72: Quartz vein contain >90% quartz>> Grey, vitreous, unmineralized
		<<Vein: 708.1 - 708.19: Quartz vein contain >90% quartz>> White to light grey, unmineralized, with alteration
		<<Vein: 711.55 - 711.56: Quartz vein contain >90% quartz>> Vitreous light grey, deformed
		<<Vein: 723.96 - 723.97: Quartz vein contain >90% quartz>> Vitreous light grey
		<<Vein: 734.14 - 734.17: Quartz vein contain >90% quartz>> Vitreous, white
		<<Vein: 738 - 738.01: Quartz vein contain >90% quartz>> Viterous, white
741.13	**742.22**	**I2 Intermediate intrusive GS1**
		Small dark grey intermediate intrusion, quartz, chlorite and biotite assemblage. Homogeneous, disseminated epidote.
742.22	**749.10**	**E2 Intermediate GS1**
		Dark grey-green mafic flow with strong siliceous groundmass pushing into the andesite range. Mineral assemblage is dominated by amorphous quartz rich ground mass, less interstitial chlorite and biotite. Quartz makes up >50% of interval, larger accretions
		<<Alt: 742.85 - 742.95: intense Epidote>>
		<<Alt: 744.4 - 758: moderate Silicification>> Sporadic bands and mottled silica rich parts
749.10	**751.70**	**I2 Intermediate intrusive GS1**
		As above intermediate intrusion, distinctly coarser grained than surrounding rock, weak disseminated pyrite mineralization, small bands of silica alteration (not quite veining)
751.70	**772.08**	**E2 Intermediate GS1**
		Dark grey-green mafic flow with strong siliceous groundmass pushing into the andesite range. Mineral assemblage is dominated by amorphous quartz rich ground mass, less interstitial chlorite and biotite. Quartz makes up >50% of interval, larger accretions
		<<Alt: 762 - 764: moderate Silicification>>
		<<Alt: 764 - 770: strong Silicification>>
		<<Alt: 770 - 772.08: intense Silicification>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
699.00	700.00	1.00	336906	0.0025				
700.00	701.50	1.50	336907	0.0025				
706.00	707.00	1.00	336908	0.0025				
707.00	708.00	1.00	336909	0.0025				
708.00	708.50	0.50	336910	0.0025				
708.50	709.50	1.00	336911	0.0025				
734.00	735.00	1.00	336912	0.0025				
735.00	736.00	1.00	336913	0.0025				
736.00	737.50	1.50	336914	0.0025				
737.50	739.00	1.50	336915	0.05				
749.00	750.00	1.00	336916	0.0025				
750.00	751.00	1.00	336917	0.0025				
751.00	752.00	1.00	336918	0.0025				
752.00	753.00	1.00	336919	0.0025				
753.00	754.00	1.00	336920	0.0025				
754.00	755.00	1.00	336921	0.0025				
759.00	760.00	1.00	336922	0.0025				

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 760.1 - 760.12: with magnetite>> Altered quartz vein with magnetite, fine grained plag	760.00	761.00	1.00	336923	0.005				
		<<Vein: 761.15 - 761.16: with magnetite>> Altered quartz vein with magnetite, fine grained plag	761.00	762.00	1.00	336924	0.0025				
		<<Vein: 762.6 - 762.61: Quartz vein contain >90% quartz>> Vitreous, white	767.00	768.00	1.00	336925	0.0025				
		<<Vein: 767.14 - 767.15: Quartz vein contain >90% quartz>> White, deformed	768.00	769.00	1.00	336927	0.007				
		<<Vein: 768.35 - 768.36: Quartz vein contain >90% quartz>> White, deformed									
772.08	**785.53**	**I3B Tonalite GS3**	782.55	783.55	1.00	336928	0.0025				
		Light grey medium to coarse grained quartz dominated tonalite intrusion. Crosscut by several small mafic intrusions with increased chlorite, epidote and sericite alteration radiating outwards. Competent interval, lower part of interval is magnetic, no vis									
		<<Vein: 783.75 - 783.9: Quartz vein contain >90% quartz>> Light grey, opaque, parallel crosscutting boundaries, small nodules of sulphides	783.55	784.05	0.50	336929	0.011				
			784.05	785.05	1.00	336930	0.0025				
785.53	**785.80**	**I1 Mafic intrusive GS1**									
		Mafic intrusion with strong chlorite alteration									
		<<Alt: 785.55 - 785.85: complete Chlorite>>									
785.80	**790.00**	**I3B Tonalite GS3**									
		Light grey medium to coarse grained quartz dominated tonalite intrusion. Crosscut by several small mafic intrusions with increased chlorite, epidote and sericite alteration radiating outwards. Competent interval, lower part of interval is magnetic, no vis									
790.00	**790.15**	**I1 Mafic intrusive GS1**									
		Chlorite altered mafic intrusion									
790.15	**794.05**	**I3B Tonalite GS3**									
		Light grey medium to coarse grained quartz dominated tonalite intrusion. Crosscut by several small mafic intrusions with increased chlorite, epidote and sericite alteration radiating outwards. Competent interval, lower part of interval is magnetic, no vis									
794.05	**794.37**	**I3C Granodiorite GS1**									
		Fine grained/aplitic intrusion. Disseminated chlorite alteration.									
794.37	**795.80**	**I3B Tonalite GS3**									
		Light grey medium to coarse grained quartz dominated tonalite intrusion. Crosscut by several small mafic intrusions with increased chlorite, epidote and sericite alteration radiating outwards. Competent interval, lower part of interval is magnetic, no vis									
795.80	**796.25**	**I1 Mafic intrusive GS1**									
		Strong chlorite alteration.									

Hole: PAC-20-019

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
796.25	**801.00**	**I3B Tonalite GS3**									
Light grey medium to coarse grained quartz dominated tonalite intrusion. Crosscut by several small mafic intrusions with increased chlorite, epidote and sericite alteration radiating outwards. Competent interval, lower part of interval is magnetic, no vis											
End of Hole @ 801											

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-020

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-02-11	**Core Size:**	NQ
UTM East:	438632.17	**Azimuth:**	200	**Date Completed:**	2020-02-24	**Casing Pulled?:**	☐
UTM North:	5641919.47	**Dip:**	-51	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	428.07	**Length (m):**	450	**Drill Rig:**		**Casing Depth (m):**	9
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-50.9	200.3				☑	
21	Reflex			-50.8	200.5				☑	
24	Reflex			-51	199.4				☑	
27	Reflex			-50.9	200.4				☑	
30	Reflex			-51	200				☑	
33	Reflex			-51	200.5				☑	
36	Reflex			-51.1	200.6				☑	
45	Reflex			-51	200.6				☑	
48	Reflex			-51.1	200.6				☑	
51	Reflex			-51.1	200.3				☑	
54	Reflex			-51.1	199.7				☑	
57	Reflex			-50.9	199				☑	
60	Reflex			-51	199.5				☑	

Hole: PAC-20-020

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
63	Reflex			-51	200.1				☑	
66	Reflex			-51.1	200.3				☑	
69	Reflex			-50.8	199.6				☑	
72	Reflex			-50.9	199.6				☑	
75	Reflex			-50.8	200.1				☑	
78	Reflex			-50.8	201.1				☑	
81	Reflex			-50.8	201.3				☑	
84	Reflex			-50.8	201.4				☑	
87	Reflex			-50.8	201.2				☑	
90	Reflex			-50.9	201.1				☑	
93	Reflex			-50.9	201.4				☑	
96	Reflex			-50.8	201.4				☑	
102	Reflex			-50.8	200.6				☑	
105	Reflex			-50.8	199.8				☑	
108	Reflex			-50.7	201				☑	
111	Reflex			-50.7	200.9				☑	
114	Reflex			-50.7	201.2				☑	
117	Reflex			-50.7	201				☑	
120	Reflex			-50.8	200.7				☑	
123	Reflex			-50.7	201.2				☑	
126	Reflex			-50.7	200.9				☑	
129	Reflex			-50.8	200.7				☑	
132	Reflex			-50.7	200.7				☑	
135	Reflex			-50.8	200.4				☑	

Hole: PAC-20-020

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
138	Reflex			-50.7	200.4				☑	
141	Reflex			-50.8	200.8				☑	
144	Reflex			-51	200.7				☑	
147	Reflex			-51.1	200.4				☑	
150	Reflex			-51.2	200				☑	
153	Reflex			-51.1	199.5				☑	
156	Reflex			-51	199.2				☑	
159	Reflex			-51	198.9				☑	
162	Reflex			-50.9	198.6				☑	
165	Reflex			-50.9	198.5				☑	
168	Reflex			-50.9	198.4				☑	
171	Reflex			-50.8	198.3				☑	
174	Reflex			-50.7	197.9				☑	
177	Reflex			-50.7	198.2				☑	
180	Reflex			-50.6	198.3				☑	
183	Reflex			-50.5	199.7				☑	
186	Reflex			-50.4	199.7				☑	
189	Reflex			-50.5	199.3				☑	
192	Reflex			-50.5	199.7				☑	
195	Reflex			-50.4	200				☑	
198	Reflex			-50.5	200.3				☑	
201	Reflex			-50.6	200.3				☑	
204	Reflex			-50.7	200.3				☑	
207	Reflex			-50.7	200.4				☑	

Hole: PAC-20-020

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
210	Reflex			-50.7	200.2				☑	
213	Reflex			-50.8	200.5				☑	
216	Reflex			-50.7	200.4				☑	
219	Reflex			-50.9	200.3				☑	
222	Reflex			-50.9	200.3				☑	
225	Reflex			-51	200.1				☑	
228	Reflex			-51	200.1				☑	
231	Reflex			-50.9	199.6				☑	
234	Reflex			-50.9	199.7				☑	
237	Reflex			-50.6	198.6				☑	
240	Reflex			-50.4	198.1				☑	
243	Reflex			-50.4	198				☑	
246	Reflex			-50.3	198.1				☑	
249	Reflex			-50.3	198.4				☑	
252	Reflex			-50.4	198.6				☑	
255	Reflex			-50.4	198.6				☑	
258	Reflex			-50.3	198.2				☑	
261	Reflex			-50.2	198.4				☑	
264	Reflex			-50.1	198.1				☑	
267	Reflex			-50.1	198.5				☑	
270	Reflex			-50.1	198.3				☑	
273	Reflex			-50	198.1				☑	
276	Reflex			-50	198				☑	
279	Reflex			-49.9	197.9				☑	

Hole: PAC-20-020

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
282	Reflex			-49.8	198.4				☑	
285	Reflex			-49.8	198.8				☑	
288	Reflex			-49.8	199.1				☑	
291	Reflex			-49.8	199.3				☑	
294	Reflex			-49.9	199.9				☑	
297	Reflex			-49.8	200				☑	
300	Reflex			-49.9	200				☑	
303	Reflex			-50	200.2				☑	
306	Reflex			-50	200.3				☑	
309	Reflex			-50	200				☑	
312	Reflex			-50.1	198.9				☑	
315	Reflex			-50	198.9				☑	
318	Reflex			-50	198.9				☑	
321	Reflex			-49.8	198.5				☑	
324	Reflex			-49.5	198.9				☑	
327	Reflex			-49.5	199.1				☑	
330	Reflex			-49.6	199.3				☑	
333	Reflex			-49.6	199.5				☑	
336	Reflex			-49.5	199.8				☑	
339	Reflex			-49.5	199.9				☑	
342	Reflex			-49.6	199.5				☑	
345	Reflex			-49.6	199.9				☑	
348	Reflex			-49.6	200				☑	
351	Reflex			-49.7	200.3				☑	

Hole: PAC-20-020

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
354	Reflex			-49.7	200.2				☑	
357	Reflex			-49.5	199.5				☑	
360	Reflex			-49.5	199.6				☑	
363	Reflex			-49.4	200				☑	
366	Reflex			-49.4	199.9				☑	
369	Reflex			-49.5	199.9				☑	
372	Reflex			-49.4	199.9				☑	
375	Reflex			-49.4	199.9				☑	
378	Reflex			-49.5	200.1				☑	
381	Reflex			-49.5	200.2				☑	
384	Reflex			-49.6	200.4				☑	
387	Reflex			-49.7	199.3				☑	
390	Reflex			-49.7	199.1				☑	
393	Reflex			-49.6	199.9				☑	
396	Reflex			-49.5	199.3				☑	
399	Reflex			-49.2	198.3				☑	
402	Reflex			-49.1	198.5				☑	
405	Reflex			-49.1	199.3				☑	
408	Reflex			-49.1	200.1				☑	
411	Reflex			-49.5	200.3				☑	
414	Reflex			-49.5	200.1				☑	
417	Reflex			-49.4	200.3				☑	
420	Reflex			-49.3	198.7				☑	
423	Reflex			-49.4	200.3				☑	

Hole: PAC-20-020

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
426	Reflex			-49	199.6				☑	
429	Reflex			-49	200.2				☑	
432	Reflex			-49.3	200.8				☑	
435	Reflex			-49.3	200.6				☑	
438	Reflex			-49.4	200.7				☑	
441	Reflex			-49.4	199.7				☑	
444	Reflex			-49.3	199.8				☑	
447	Reflex			-49	199				☑	
450	Reflex			-49	199.3				☑	

Hole: PAC-20-020

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**10.10**	**OB**	**Overburden**										
10.10	**12.90**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
<<Alt: 10.1 - 12: moderate Epidote / moderate K-feldspar / strong Silicification / strong Chlorite>> Moderate siliceous floodingFine disseminated chlorite throughout interval darkening rock													
<<Alt: 12 - 14.3: moderate Epidote / strong K-feldspar / strong Silicification / strong Chlorite>> Moderate siliceous floodingFine disseminated chlorite throughout interval darkening rock													
<<Vein: 10.55 - 10.56: Quartz vein contain >90% quartz>> White and vitreous.													
<<Struc: 10.1 - 131.55: Shistosity 50 deg. >> Weak to very weak foliation / schistosity within unit, locally more intense. 50-55 tCA.													
12.90	**13.12**	**I1**	**Mafic intrusive**	**GS1**									
Mafic intrusion with strong epidote and chlorite presence. Alteration is slightly banded.													
13.12	**14.95**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
<<Alt: 14.3 - 19: moderate Epidote / moderate K-feldspar / strong Silicification / strong Chlorite>> Moderate siliceous floodingFine disseminated chlorite throughout interval darkening rock													
14.95	**15.16**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Strong orange alkali feldspar granitic intrusion.													
15.16	**23.60**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
<<Alt: 19 - 19.85: strong Silicification / strong Chlorite / moderate Epidote>> Moderate siliceous floodingFine disseminated chlorite throughout interval darkening rock													
<<Alt: 19.85 - 24: moderate Epidote / moderate K-feldspar / strong Silicification / strong Chlorite>> Moderate siliceous floodingFine disseminated chlorite throughout interval darkening rock													
<<Vein: 18.3 - 18.31: Quartz vein contain >90% quartz>> Translucent, vitreous, with epidote alteration													
<<Vein: 19.05 - 19.07: Quartz vein contain >90% quartz>> Translucent, vitreous, white and grey													
<<Vein: 21.75 - 21.76: Quartz vein contain >90% quartz>> Translucent, vitreous, with epidote alteration													

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
23.60	**23.80**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.												
23.80	**24.25**	**E1A Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
<<Alt: 24 - 32: moderate Epidote / moderate K-feldspar>>												
24.25	**24.60**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusives.												
24.60	**35.70**	**E1A Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
<<Alt: 32 - 39: moderate Epidote / strong K-feldspar>>												
35.70	**35.90**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive. Inferior contact lost in broken core.												
35.90	**38.10**	**E1A Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
38.10	**38.40**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.												
38.40	**42.05**	**E1A Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
<<Alt: 39 - 64: weak Epidote / weak K-feldspar>>												
42.05	**42.30**	**I1 Mafic intrusive**	**GS2**									
Mafic intrusion with strong epidote and chlorite presence. Alteration is slightly banded.												
42.30	**46.30**	**E1A Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
46.30	**46.65**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.												
46.65	**54.00**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
54.00	**54.30**	**I3A1** **Alkali Feldspar Granite**	**GS1**									
Aplitic red dyke												
54.30	**54.60**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
54.60	**54.85**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.												
54.85	**65.95**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
<<Alt: 64 - 133.1: moderate Epidote / moderate K-feldspar>> Feldspar are red colored. Locally pervasive replacement, diffusive. Few fracture filling.												
65.95	**66.05**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.												
66.05	**68.75**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
68.75	**68.85**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.												
68.85	**69.10**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
69.10	**70.10**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.													
70.10	**74.70**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
74.70	**75.55**	**I1**	**Mafic intrusive**	**GS2**									
Mafic intrusion, Amp (+- Chl) pyric. Massive, possible very ligth schistosity.													
<<Min: 74.7 - 75.55: 2% pyrite>>													
75.55	**80.95**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
80.95	**81.15**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive.													
81.15	**90.40**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
90.40	**90.80**	**I1**	**Mafic intrusive**	**GS2**									
Mafic intrusion, Amp (Chl) pyric. Massive, possible very ligth schistosity.													
90.80	**93.10**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													
93.10	**97.30**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Several dm-thick red colored granitic dykes. About 50% of the interval. Dykes around 50 tCA													
97.30	**98.45**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive, almost pegmatitic locally.													
98.45	**111.25**	**E1A**	**Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i													

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
111.25	**111.75**	**I3A1**	**Alkali Feldspar Granite** **GS2**									
Red colored granitic intrusive.												
111.75	**113.60**	**E1A**	**Basalt** **GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
113.60	**113.85**	**I3A1**	**Alkali Feldspar Granite** **GS2**									
Red colored granitic intrusive.												
113.85	**116.85**	**E1A**	**Basalt** **GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
116.85	**119.70**	**I1**	**Mafic intrusive** **GS2**									
Mafic intrusion, chlorite rich. Fragments or diffuses intervals (cm sized) with plagioclases (red color).												
119.70	**120.30**	**E1A**	**Basalt** **GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
120.30	**120.50**	**I3A1**	**Alkali Feldspar Granite** **GS2**									
Red colored granitic intrusive.												
120.50	**130.60**	**E1A**	**Basalt** **GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
130.60	**131.00**	**I3A1**	**Alkali Feldspar Granite** **GS2**									
Red colored granitic intrusive.												
131.00	**131.55**	**E1A**	**Basalt** **GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
131.55	**133.10**	**I3A1**	**Alkali Feldspar Granite** **GS2**									
Red colored granitic intrusive.												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
133.10	**133.50**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i <<Alt: 133.1 - 133.5: strong Epidote / moderate K-feldspar>> Feldspar are red colored. Locally pervasive replacement, diffusive. Few fracture filling.												
133.50	**134.10**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive. Inferior contact is irregular. <<Alt: 133.5 - 134.1: weak Epidote / moderate K-feldspar>> Feldspar are red colored. Locally pervasive replacement, diffusive. Few fracture filling.												
134.10	**136.00**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i <<Alt: 134.1 - 136: moderate Epidote / moderate K-feldspar>> Feldspar are red colored. Locally pervasive replacement, diffusive. Few fracture filling. <<Struc: 134.1 - 173: Shistosity 55 deg. >> Moderate schistosity around 55 tCA												
136.00	**138.10**	**I3A** **Granite**	**GS2**									
15-20% plurimillimetric pink/red colored feldpsar phenocrysts in a grey phaneritic matrix. <<Alt: 136 - 140.7: moderate Epidote / moderate K-feldspar>> Feldspar are red colored.												
138.10	**138.65**	**E1A** **Basalt**	**GS2**									
Green and orange basalt with. Heavily altered obscurring original texture for nearly entire interval. Subhedral white and light orange plagioclase phenocrysts can be seen throughout interval. Most kspar appears due to secondary potassic alteration which i												
138.65	**139.00**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive. Contains 10 cm of basalt.												
139.00	**139.10**	**I1** **Mafic intrusive**	**GS2**									
Mafic intrusion, chlorite rich.												
139.10	**140.70**	**I3A** **Granite**	**GS2**									
15-20% plurimillimetric pink/red colored feldpsar phenocrysts in a grey phaneritic matrix.												
140.70	**159.70**	**E1A** **Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 140.7 - 172.05: moderate Epidote / moderate K-feldspar>>												
159.70	**160.05**	**I3A1**	**Alkali Feldspar Granite**	**GS2**								
Red colored granitic intrusive.												
160.05	**165.60**	**E1A**	**Basalt**	**GS2**								
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.												
165.60	**165.80**	**I1**	**Mafic intrusive**	**GS2**								
Mafic intrusion, chlorite rich. Superior contact is uncertain.												
165.80	**166.25**	**I3A1**	**Alkali Feldspar Granite**	**GS2**								
Red colored granitic intrusive.												
166.25	**166.90**	**E1A**	**Basalt**	**GS2**								
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.												
166.90	**167.50**	**I3A1**	**Alkali Feldspar Granite**	**GS2**								
Red colored granitic intrusive.												
167.50	**172.05**	**E1A**	**Basalt**	**GS2**								
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.												
172.05	**172.30**	**I1**	**Mafic intrusive**	**GS1**								
172.30	**172.55**	**I3A**	**Granite**	**GS2**								
Granitic intrusive, pale pink colored.												
172.55	**179.15**	**I1**	**Mafic intrusive**	**GS2**								
Mafic intrusion, chlorite rich, gabbroic locally.												
<<Struc: 173 - 174.2: weak Fault>> Localy fault gouge. Joints at various angles.												
<<Struc: 174.2 - 185.6: Shistosity 55 deg. >> Weak to moderate schistosity around 55 tCA.												
179.15	**179.30**	**I3A1**	**Alkali Feldspar Granite**	**GS2**								
Red colored granitic intrusive.												
179.30	**180.80**	**I1**	**Mafic intrusive**	**GS2**								
Mafic intrusion, chlorite rich, gabbroic locally.												

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
180.80	**181.30**	**E1A**	**Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration. <<Alt: 180.8 - 185.6: moderate Epidote / moderate K-feldspar>>													
181.30	**181.45**	**I1**	**Mafic intrusive**	**GS2**									
Mafic intrusion, chlorite rich													
181.45	**184.60**	**E1A**	**Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.													
184.60	**184.80**	**I1**	**Mafic intrusive**	**GS2**									
Mafic intrusion, chlorite rich. Contacts are lost in broken core.													
					184.80	185.60	0.80	336931	0.0025				
184.80	**186.90**	**I3A**	**Granite**	**GS2**	185.60	186.90	1.30	336932	0.0025				
15-20% plurimillimetric pink/red colored feldpsar phenocrysts in a grey phaneritic matrix. Inferior contact is diffuse. <<Alt: 185.6 - 192.3: strong Epidote / strong K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Overprinted on schistosity. Brittle regime. Replacement of feldsparsFeldspar are red colored.													
186.90	**187.10**	**I1**	**Mafic intrusive**	**GS2**									
Mafic intrusion, chlorite rich. Inferior contact is irregular, obscured by alteration													
					186.90	188.00	1.10	336933	0.0025				
187.10	**192.30**	**I3A**	**Granite**		188.00	189.50	1.50	336934	0.0025				
					189.50	191.00	1.50	336935	0.0025				
					191.00	192.30	1.30	336936	0.0025				
					192.30	193.50	1.20	336937	0.008				
192.30	**194.85**	**E1A**	**Basalt**	**GS2**	193.50	194.85	1.35	336938	0.0025				
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration. <<Alt: 192.3 - 204.65: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Overprinted on schistosity. Brittle regime. Replacement of feldspars <<Struc: 192.3 - 194: Shistosity 45 deg. >> Weak schistosity around 45 tCA locally. <<Struc: 194 - 196.4: weak Fault>> Localy fault gouge. Joints at various angles.													
					194.85	195.60	0.75	336939	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
194.85	**195.60**	**I1**	**Mafic intrusive**	**GS2**									
Mafic intrusive, chlorite rich. Inferior contact lost in broken core.													
					195.60	196.40	0.80	336940	0.0025				
195.60	**196.40**	**E1A**	**Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.													
196.40	**196.90**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive. Superir contact lost in broken core.													
<<Struc: 196.4 - 199.2: Shistosity 45 deg. >> Weak schistosity around 45 tCA locally.													
					196.40	196.90	0.50	336941	0.0025				
196.90	**200.00**	**E1A**	**Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.													
<<Struc: 199.2 - 204: weak Fault>> Broken core on pluridecimetric intervals, joints at various angle.													
					196.90	198.30	1.40	336942	0.0025				
					198.30	199.80	1.50	336943	0.0025				
					199.80	201.30	1.50	336944	0.0025				
200.00	**200.20**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusive. Irregular contacts.													
200.20	**202.20**	**E1A**	**Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.													
					201.30	202.80	1.50	336945	0.0025				
202.20	**202.40**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusion.													
202.40	**204.65**	**E1A**	**Basalt**	**GS2**									
Similar to precedent unit but with only traces of plagioclases phenocrytsts and vesicular features filled with quartz. Same alteration.													
<<Struc: 204 - 220: Shistosity 45 deg. >> weak to very weak schistosity													
					202.80	204.00	1.20	336946	0.0025				
					204.00	205.30	1.30	336947	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
204.65	**205.20**	**I3A Granite GS2** Porphyritic granitoid. 10-15% rounded pink/red feldspaths phenocrysts (1-4 mm). Grey fine matrix, some visible fedlspaths replaced by epidote. Alteration is similar to precedent unit, Ep +- Qtz mm veinlets stockworks plus patchy pervasive K-Fs red replace <<Alt: 204.65 - 215.5: strong Epidote / strong K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Overprinted on schistosity. Brittle regime. Replacement of feldsparsFeldspar are red colored.									
205.20	**205.80**	**I3A1 Alkali Feldspar Granite GS2** Red colored granitic intrusion.									
			205.30	205.80	0.50	336948	0.0025				
			205.80	207.00	1.20	336949	0.0025				
205.80	**209.60**	**I3A Granite GS2** Porphyritic granitoid. 10-15% rounded pink/red feldspaths phenocrysts (1-4 mm). Grey fine matrix, some visible fedlspaths replaced by epidote. Alteration is similar to precedent unit, Ep +- Qtz mm veinlets stockworks plus patchy pervasive K-Fs red replace	207.00	208.20	1.20	336950	0.0025				
			208.20	209.60	1.40	336952	0.0025				
			209.60	210.40	0.80	336953	0.0025				
209.60	**210.40**	**I3A1 Alkali Feldspar Granite GS2** Red colored granitic intrusion.									
210.40	**215.50**	**I3A Granite GS2** Porphyritic granitoid. 10-15% rounded pink/red feldspaths phenocrysts (1-4 mm). Grey fine matrix, some visible fedlspaths replaced by epidote. Alteration is similar to precedent unit, Ep +- Qtz mm veinlets stockworks plus patchy pervasive K-Fs red replace	210.40	211.90	1.50	336954	0.04				
			211.90	213.40	1.50	336955	0.0025				
			213.40	214.50	1.10	336956	0.0025				
			214.50	215.50	1.00	336957	0.0025				
215.50	**223.30**	**E1A Basalt GS1** Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia <<Alt: 215.5 - 247.95: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Overprinted on schistosity. Brittle regime. Replacement of feldspars	215.50	217.00	1.50	336958	0.0025				
			217.00	218.50	1.50	336959	0.0025				
			218.50	220.00	1.50	336960	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				220.00	221.50	1.50	336961	0.0025				
				221.50	222.30	0.80	336962	0.0025				
				222.30	223.30	1.00	336963	0.0025				
				223.30	224.60	1.30	336964	0.006				
223.30	**224.60**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Red colored granitic intrusion.												
				224.60	226.10	1.50	336965	0.007				
224.60	**227.50**	**E1A** **Basalt**	**GS1**	226.10	227.50	1.40	336966	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
227.50	**228.05**	**I1** **Mafic intrusive**	**GS1**	227.50	228.05	0.55	336967	0.0025				
Mafic intrusion, Dark green, chlorite rich.												
				228.05	229.50	1.45	336968	0.0025				
228.05	**231.30**	**E1A** **Basalt**	**GS1**	229.50	231.00	1.50	336969	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
				231.00	232.50	1.50	336970	0.0025				
231.30	**231.50**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Pale pink granitic intrusive, some pegmatitic crystals.												
231.50	**232.90**	**E1A** **Basalt**	**GS1**	232.50	234.00	1.50	336972	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
232.90	**233.80**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
50% of dm-thick red granitic intrusions.												
233.80	**238.90**	**E1A** **Basalt**	**GS1**	234.00	235.50	1.50	336973	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
<<Struc: 233.8 - 235: moderate Fault>> Gouge and broken core. Some joints are partially dissolved.				235.50	237.00	1.50	336974	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			237.00	238.50	1.50	336975	0.0025				
			238.50	240.00	1.50	336976	0.0025				
238.90	**239.10**	**I3A1 Alkali Feldspar Granite GS2** Red colored granitic intrusive. Irregular contacts.									
239.10	**240.50**	**E1A Basalt GS1** Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia	240.00	241.00	1.00	336977	0.0025				
240.50	**240.85**	**I3A1 Alkali Feldspar Granite GS2** Red colored granitic intrusive. Irregular contacts.									
240.85	**247.95**	**E1A Basalt GS1** Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia	241.00	242.50	1.50	336978	0.012				
			242.50	244.00	1.50	336979	0.0025				
			244.00	245.50	1.50	336980	0.0025				
			245.50	247.00	1.50	336981	0.008				
			247.00	247.95	0.95	336982	0.0025				
247.95	**250.80**	**I3A1 Alkali Feldspar Granite GS2** Pink colored granitic intrusive, strongly alterated and brecciated by Qtz +- Ep stockworks. <<Min: 247.95 - 255.4: 2% pyrite>> Porphyroblastic idiomorph 1-3 mm Py. <<Alt: 247.95 - 250.8: strong Epidote / moderate K-feldspar / strong Silicification>> Stockworks of Ep + Qtz mm veinlets. Overprinted on schistosity. Brittle regime. Replacement of feldsparsStockwork of mm to cm sized veins of Qtz +- Epidote with irregular orientation. 1% Diss Py. <<Vein: 247.95 - 250.8: with sulphides>> Stockwork of mm to cm sized veins of Qtz +- Epidote with irregular orientation. 1% Diss Py.									
			247.95	248.90	0.95	336983	0.0025				
			248.90	249.80	0.90	336984	0.0025				
			249.80	250.80	1.00	336985	0.0025				
			250.80	251.50	0.70	336986	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
250.80	**257.20**	**E1A Basalt**	**GS1**	251.50	252.50	1.00	336987	0.029				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
<<Min: 255.4 - 262: 2% pyrite>> porphyroblastic idiomorph ~1 mm Py, within quartz veinlets or altered wall-rock.				252.50	254.00	1.50	336988	0.0025				
<<Alt: 250.8 - 255.4: moderate Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.				254.00	255.40	1.40	336989	0.0025				
<<Alt: 255.4 - 262: moderate Epidote / moderate K-feldspar / strong Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.10% smoked quartz veinlets, mm to cm sizes. They come in stockwork with no particular orientaiton. They contain 1-2% diss. Idiomorph millimetric Py.				255.40	256.80	1.40	336990	0.0025				
<<Vein: 255.4 - 262: Quartz vein contain >90% quartz>> 10% smoked quartz veinlets, mm to cm sizes. They come in stockwork with no particular orientaiton. They contain 1-2% diss. Idiomorph millimetric Py.				256.80	258.10	1.30	336992	0.008				
<<Struc: 256.3 - 258.5: weak Fault>> Broken core intervals of fault gouge, 10 cm graphite rich interval.												
257.20	**257.40**	**S3E Wacke**	**GS1**									
No sedimentary feature, 20 cm layer with graphite.												
257.40	**258.00**	**E1A Basalt**	**GS1**									
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
258.00	**259.20**	**I3A1 Alkali Feldspar Granite**	**GS1**	258.10	259.20	1.10	336993	0.0025				
Red colored granitic intrusion, brecciated by Qtz veinlets stockworks. Contacts are irregulars and/or lost in broken core.												
<<Struc: 258.5 - 260.7: Shistosity 35 deg. >> moderate schistosity around 35 tCA.												
				259.20	260.30	1.10	336994	0.0025				
259.20	**260.30**	**E1A Basalt**	**GS1**									
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
260.30	**261.40**	**I3A1 Alkali Feldspar Granite**	**GS1**									
Red colored granitic intrusion, brecciated by Qtz veinlets stockworks. Inferior contact is irregular												
<<Struc: 260.7 - 261: weak Fault>> Broken core.												
				260.30	261.40	1.10	336995	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
261.40	**262.00**	**E1A Basalt GS1** Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia	261.40	262.50	1.10	336996	0.0025				
262.00	**262.25**	**I3A1 Alkali Feldspar Granite GS1** Red colored granitic intrusion with irregular contacts. <<Min: 262 - 274.8: 0.5% pyrite>> <<Alt: 262 - 281.5: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.									
262.25	**268.20**	**E1A Basalt GS1** Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia <<Vein: 262.8 - 263: Quartz vein contain >90% quartz>> Milky quartz vein.	262.50	263.50	1.00	336997	0.0025				
			263.50	264.00	0.50	336998	0.0025				
			264.00	265.00	1.00	336999	0.0025				
			265.00	266.50	1.50	337000	0.0025				
			266.50	268.00	1.50	337001	0.0025				
			268.00	268.70	0.70	337002	0.0025				
268.20	**268.60**	**I3A1 Alkali Feldspar Granite GS1** Red colored granitic intrusion. 10 cm of plain quartz vein within. Irregular contacts. <<Vein: 268.2 - 268.6: Quartz vein contain >90% quartz>> Milky quartz vein with irregular orientation, in breccia within a granitic intrusion.									
268.60	**271.30**	**E1A Basalt GS1** Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia	268.70	270.20	1.50	337003	0.0025				
			270.20	271.20	1.00	337004	0.0025				
			271.20	271.70	0.50	337005	0.0025				
271.30	**271.50**	**I3A1 Alkali Feldspar Granite GS1** Red colored granitic intrusion.									

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
271.50	**274.80**	**E1A** **Basalt**	**GS1**	271.70	273.20	1.50	337006	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia				273.20	274.80	1.60	337007	0.0025				
274.80	**276.50**	**I3A1** **Alkali Feldspar Granite**	**GS1**									
Red colored granitic intrusion.												
<<Min: 274.8 - 284.7: 0.5% pyrite>>				274.80	275.70	0.90	337008	0.0025				
				275.70	276.50	0.80	337009	0.0025				
276.50	**277.65**	**E1A** **Basalt**	**GS1**	276.50	277.40	0.90	337011	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
<<Vein: 277.5 - 277.65: Quartz vein contain >90% quartz>> Possible shear origine, quartz vein with slip surfaces within, immediate wall-rock replaced by argiles (epidote colored).				277.40	278.00	0.60	337012	0.0025				
277.65	**277.75**	**I3A1** **Alkali Feldspar Granite**	**GS1**									
Red colored granitic intrusion. Contacts are irregular.												
277.75	**281.50**	**E1A** **Basalt**	**GS1**	278.00	279.00	1.00	337013	0.0025				
Dark green basalt. Epidote replacement of submillimetric feldspar in a fine to aphanitic matrix. Same alteration as precedent units, moderate to intense intensity. Breccia texture : locally with cm sized irregular fragments replaced by K-Fs (red). Breccia												
				279.00	280.00	1.00	337014	0.0025				
				280.00	281.50	1.50	337015	0.0025				
281.50	**289.30**	**I3A** **Granite**	**GS2**	281.50	283.00	1.50	337016	0.0025				
Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v												
<<Min: 284.7 - 284.9: 2% chalcopyrite>>				283.00	284.50	1.50	337017	0.0025				
<<Min: 284.9 - 336.4: 0.5% pyrite>>				284.50	285.00	0.50	337018	0.0025				
<<Alt: 281.5 - 289.3: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.				285.00	286.50	1.50	337019	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 284.7 - 284.9: Quartz vein contain >90% quartz>> Discontinuous Quartz veinlet possibly oriented about 25 tCA, with 1% Cpy within.	286.50	288.00	1.50	337020	0.0025				
			288.00	289.30	1.30	337021	0.0025				
289.30	**291.70**	**E1A Basalt GS1** Similar to unit described on 215.5 - 281.5. Contacts are irregular. <<Alt: 289.3 - 291.7: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.	289.30	290.50	1.20	337022	0.0025				
			290.50	291.70	1.20	337023	0.0025				
291.70	**302.75**	**I3A Granite GS2** Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v <<Alt: 291.7 - 302.75: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure. <<Vein: 297.85 - 298: Quartz vein contain >90% quartz>> mm quartz veinlet array, possibly of shear origin. Quartz is smoked, direct wall-rock replaced by argile sized epidote.	291.70	293.00	1.30	337024	0.0025				
			293.00	294.00	1.00	337025	0.0025				
			294.00	295.50	1.50	337026	0.0025				
			295.50	297.00	1.50	337027	0.0025				
			297.00	297.70	0.70	337028	0.0025				
			297.70	298.20	0.50	337029	0.007				
			298.20	299.70	1.50	337030	0.0025				
			299.70	301.20	1.50	337032	0.011				
			301.20	302.75	1.55	337033	0.0025				
302.75	**303.80**	**E1A Basalt GS1** Similar to unit described on 215.5 - 281.5 <<Alt: 302.75 - 303.8: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.	302.75	304.00	1.25	337034	0.0025				
303.80	**317.90**	**I3A Granite GS2** Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v									

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From (m)	To (m)	Rock Type & Description
		<<Alt: 303.8 - 314.1: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.
		<<Alt: 314.1 - 315: strong Silicification / moderate Epidote>> Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is translucide. Traces Py locally. No internal structure.Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.
		<<Alt: 315 - 317.9: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.
		<<Vein: 307.8 - 308.1: Quartz vein contain >90% quartz>> 1-5 cm Quartz veinlets.
		<<Vein: 314.1 - 315: Quartz vein contain >90% quartz>> millimetric quartz veinlets. Qtz is translucide, veins are discontinuous, producing stockwork or breccia texture in the host granite.
317.90	**318.50**	**E1A Basalt GS1**
		Similar to unit described on 215.5 - 281.5. Contacts are irregular.
		<<Alt: 317.9 - 318.5: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.
318.50	**321.10**	**I3A Granite GS2**
		Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
304.00	305.50	1.50	337035	0.0025				
305.50	307.00	1.50	337036	0.008				
307.00	308.50	1.50	337037	0.0025				
308.50	310.00	1.50	337038	0.005				
310.00	311.50	1.50	337039	0.0025				
311.50	313.00	1.50	337040	0.0025				
313.00	314.10	1.10	337041	0.0025				
314.10	315.00	0.90	337042	0.0025				
315.00	316.50	1.50	337043	0.0025				
316.50	317.90	1.40	337044	0.0025				
317.90	318.50	0.60	337045	0.0025				
318.50	320.00	1.50	337046	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			<<Alt: 318.5 - 323: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.		320.00	321.00	1.00	337047	0.0025				
					321.00	322.20	1.20	337048	0.0025				
321.10	**321.30**	**E1A**	**Basalt**	**GS1**									
			Epidote replaced fine grained basalt										
321.30	**323.00**	**I3A**	**Granite**	**GS2**									
			Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v		322.20	323.00	0.80	337049	0.006				
323.00	**324.80**	**E1A**	**Basalt**	**GS1**	323.00	324.00	1.00	337051	0.0025				
			Epidote replaced fine grained basalt										
			<<Alt: 323 - 324.8: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.		324.00	324.80	0.80	337052	0.0025				
324.80	**326.00**	**I3A**	**Granite**	**GS2**									
			Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v										
			<<Alt: 324.8 - 326: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.		324.80	326.00	1.20	337053	0.0025				
326.00	**327.10**	**E1A**	**Basalt**	**GS1**	326.00	327.10	1.10	337054	0.0025				
			Epidote replaced fine grained basalt, 5% feldspar irregular phenocrysts										
			<<Alt: 326 - 327.1: moderate Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.										
					327.10	328.50	1.40	337055	0.0025				
327.10	**336.40**	**I3A**	**Granite**	**GS2**	328.50	330.00	1.50	337056	0.068				
			Red granitic intrusion. Massive, homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks, and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidote. 1% disseminated Py. Traces Py and Cpy within quartz v										

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 327.1 - 336.4: moderate Epidote / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.Erratic quartz veinlets, <= 1 cm thickness mostly, no particular orientaiton. Quartz is white. Traces Py locally. No internal structure.	330.00	330.90	0.90	337057	0.008				
		<<Vein: 331 - 331.1: Quartz vein contain >90% quartz>> Grey quartz vein. Light green color inside quartz.	330.90	331.50	0.60	337058	0.005				
		<<Vein: 333.55 - 333.6: Quartz vein contain >90% quartz>> Milky quartz vein. No internal structure.	331.50	333.40	1.90	337059	0.0025				
			333.40	334.00	0.60	337060	0.014				
			334.00	335.20	1.20	337061	0.006				
			335.20	336.40	1.20	337062	0.0025				
336.40	**337.20**	**E1A Basalt GS1**									
		Similar to basalt describe until 140,7 m. 5-10% of plurimillimetric white-red feldspars phenocrysts									
		<<Alt: 336.4 - 346.3: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.									
			336.40	337.70	1.30	337063	0.0025				
337.20	**337.70**	**I3A1 Alkali Feldspar Granite GS1**									
		Irregular dyke, 15 cm of basalt within the interval. Pegmatitic texture, red colored.									
337.70	**359.25**	**E1A Basalt GS1**	346.20	347.70	1.50	337064	0.0025				
		Similar to basalt describe until 140,7 m. 5-10% of plurimillimetric white-red feldspars phenocrysts									
		<<Alt: 346.3 - 349.1: strong Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.3% centimetric quartz veinlets, no particular orientation.	347.70	349.10	1.40	337065	0.037				
		<<Alt: 349.1 - 357.15: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.	356.00	357.10	1.10	337066	0.009				
		<<Alt: 357.15 - 357.8: strong Epidote>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.	357.10	357.80	0.70	337067	0.0025				
		<<Alt: 357.8 - 359.25: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.	357.80	358.30	0.50	337068	0.0025				
		<<Vein: 357.15 - 357.8: Quartz vein contain >90% quartz>> Quartz vein. First 40 cm contains 25% irregular and angular fragments of red granite. Last 10 cm present slip surfaces or laminations of epidote colored aphanitic wall-rock fragments.	358.30	358.70	0.40	337070	0.0025				
		<<Vein: 358.4 - 358.6: Quartz vein contain >90% quartz>> Quartz vein with epidote colored wall-rock fragments fragments within.	358.70	359.25	0.55	337071	0.005				
		<<Struc: 338.3 - 345: Shistosity 60 deg. >> moderate schistosity									
		<<Struc: 345 - 353.3: Shistosity 60 deg. >> weak to very weak schistosity									
		<<Struc: 353.3 - 357.15: Shistosity 60 deg. >> moderate schistosity									

Hole: PAC-20-020

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
359.25	**361.40**	**I3A1**	**Alkali Feldspar Granite**	**GS1**	359.25	360.30	1.05	337072	0.0025				
Red colored granitic intrusion.													
<<Alt: 359.25 - 361.4: strong Epidote>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.					360.30	361.40	1.10	337073	0.0025				
<<Struc: 360.4 - 369.65: Shistosity 60 deg. >> moderate schistosity													
361.40	**369.65**	**E1A**	**Basalt**	**GS1**									
Similar to basalt describe until 140,7 m. 5-10% of plurimillimetric white-red feldspars phenocrysts													
<<Alt: 361.4 - 364: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.													
<<Alt: 364 - 369.15: strong Epidote / moderate K-feldspar / moderate Silicification>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.3% centimetric to millimetric quartz veinlets, no particular orientation. Trace Py within some.													
<<Alt: 369.15 - 369.65: strong Epidote / moderate K-feldspar>> Stockworks of Ep + Qtz mm veinlets. Brittle regime. Replacement of feldspars.													
					361.40	362.30	0.90	337074	0.0025				
					362.30	363.70	1.40	337075	0.0025				
					363.70	365.20	1.50	337076	0.0025				
					365.20	366.70	1.50	337077	0.0025				
					366.70	368.20	1.50	337078	0.0025				
					368.20	369.65	1.45	337079	0.0025				
369.65	**378.50**	**I3A**	**Granite**	**GS2**									
Red granitic intrusion. Massive (might have a weak schistosity fabric), homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks (weak intensity), and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidot													
<<Min: 369.65 - 383.1: 2% pyrite>> Disseminated in the granite, also within basaltic slivers.													
<<Alt: 369.65 - 382.1: weak Epidote>>													
					369.65	371.00	1.35	337080	0.005				
					371.00	372.50	1.50	337081	0.005				
					372.50	374.00	1.50	337082	0.0025				
					374.00	375.50	1.50	337083	0.0025				
					375.50	377.00	1.50	337084	0.0025				
					377.00	378.50	1.50	337085	0.0025				

Hole: PAC-20-020

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
378.50	**380.60**	**E1A**	**Basalt**	**GS1**	378.50	379.50	1.00	337086	0.0025				
Basaltic sliver brecciated by several dm-thick dykes of red granite. Contacts are irregular.													
					379.50	380.60	1.10	337087	0.0025				
					380.60	382.10	1.50	337088	0.0025				
380.60	**383.10**	**I3A**	**Granite**	**GS2**	382.10	383.10	1.00	337089	0.0025				
Red granitic intrusion. Massive (might have a weak schistosity fabric), homogeneous, medium grained. Altered by Ep +- Qtz microveinlets stockworks (weak intensity), and erratic quartz veinlets (up to 1-5 cm thickness). Some feldspar are replaced by epidot													
<<Alt: 382.1 - 383.1: strong Silicification / weak Epidote>> Quartz veinlets alteration, breccia style, within granite and basalt. No particular orientation.													
					383.10	383.60	0.50	337090	0.0025				
383.10	**397.30**	**E1A**	**Basalt**	**GS1**	383.60	385.00	1.40	337092	0.0025				
Basalt, with intenste to extreme silica alteration, pervasive and breccia style. 383,1 - 385 m, texture of basalt is still preserved. Contains a heavy K-Fs + Qtz replacement and a fault in the same place on 385 - 387.5 m. Traces up to 1% fine disseminated													
<<Min: 383.1 - 385: 2% pyrite>> Disseminated within basaltic unit, traces in quartz veinlets.					385.00	386.30	1.30	337093	0.007				
<<Min: 385 - 387.5: 2% pyrite>> Disseminated within alteration					386.30	387.50	1.20	337094	0.005				
<<Min: 387.5 - 392.7: 2% pyrite>> Disseminated in the protolith, also within quartz veinlets.					387.50	388.50	1.00	337095	0.0025				
<<Min: 392.7 - 397.3: 2% pyrite>> Traces up to 1% Py in fine disseminated grains, either in wall-rock or in veinlets.					388.50	389.50	1.00	337096	0.007				
<<Alt: 383.1 - 383.4: moderate K-feldspar / strong Silicification>> Quartz veinlets alteration, breccia style, within granite and basalt. No particular orientation.					389.50	390.50	1.00	337097	0.0025				
<<Alt: 383.4 - 385: moderate K-feldspar / moderate Silicification>> 3% centimetric to millimetric quartz veinlets, no particular orientation. Trace Py within some.					390.50	391.50	1.00	337098	0.0025				
<<Alt: 385 - 387.5: strong K-feldspar / strong Silicification>> Heavy Qtz + K-Fs (red) pervasive replacement within a fault.Heavy Qtz + K-Fs (red) pervasive replacement within a fault.					391.50	392.70	1.20	337099	0.0025				
<<Alt: 387.5 - 392.7: moderate K-feldspar / intense Silicification>> Millimetric fracture filled with red minerals. Locally millimetric patches now red colored.Heavy Qtz replacement, "vitreous" texture. Pervasive and also within arrays of millimetric to centimetric grey quartz veinlets, no particular orientation. Possible					392.70	393.70	1.00	337100	0.0025				
<<Alt: 392.7 - 397.3: complete Silicification / weak K-feldspar>> Similar to 387,5 - 392,7 m but with white color, complete bleaching, alteration is much more intense.Millimetric fracture filled with red minerals. Locally millimetric patches now red colored.					393.70	394.60	0.90	337101	0.007				
<<Struc: 385.1 - 387.5: weak Fault>> Broken core, core partially dissolved with heavy K-Fs (red) + Qtz replacement					394.60	395.60	1.00	337102	0.0025				
<<Struc: 388 - 404: Breccia>> Milky white quartz vein stockwork brecciating kspar rich intrusion host					395.60	396.40	0.80	337103	0.0025				
					396.40	397.30	0.90	337104	0.0025				

Hole: PAC-20-020

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
397.30	**405.80**	**I3A Granite GS1** Red granitic intrusion, intense milky quartz brecciation, where veinlets and veins are mostly interconnected. No mineralisation. No bleaching of host granite. First 80 cm contain altered basalt slivers. <<Alt: 397.3 - 405.8: intense Silicification>> Milky quartz brecciation, veinlets and veins are often interconnected. High intensity.	397.30	398.10	0.80	337105	0.006				
			398.10	399.00	0.90	337106	0.0025				
			399.00	400.00	1.00	337107	0.0025				
			400.00	401.00	1.00	337108	0.0025				
			401.00	402.00	1.00	337109	0.0025				
			402.00	403.00	1.00	337110	0.0025				
			403.00	404.00	1.00	337112	0.0025				
			404.00	405.00	1.00	337113	0.0025				
			405.00	405.80	0.80	337114	0.0025				
405.80	**408.75**	**E1A Basalt GS1** Brecciated basalt. Fragments are mm to cm size, angular, created by intense Ep pervasive replacement, Qtz veining, K-Fs fracture filling and pervasive replacement, strong intensity.. It also incorporate fragments of granitic material or dykes, overprinted <<Alt: 405.8 - 408.75: strong Epidote / strong K-feldspar / intense Silicification>> Pervasive replacement, within veinlets as well.Pervasive replacement of mm to centimetric red fragments. Possible granitic material as well.Milky quartz brecciation, veinlets and veins are often interconnected. High intensity.	405.80	407.25	1.45	337115	0.0025				
			407.25	408.75	1.50	337116	0.0025				
408.75	**413.30**	**I3A Granite GS1** Red granitic intrusion, intense milky quartz brecciation, where veinlets and veins are mostly interconnected. No mineralisation. No bleaching of host granite. First 80 cm contain altered basalt slivers. <<Alt: 408.75 - 410.5: intense Silicification>> Milky quartz brecciation, veinlets and veins are often interconnected. High intensity. <<Alt: 410.5 - 413.3: moderate Silicification>> Quartz veinlets, irregular orientation and sizes, mm to centimetric. Contains Ep +- K-Fs altered wallrock.	408.75	409.50	0.75	337117	0.0025				
			409.50	410.50	1.00	337118	0.0025				
			410.50	412.00	1.50	337119	0.0025				
			412.00	413.30	1.30	337120	0.0025				

Hole: PAC-20-020

From (m)	To (m)	Rock Type & Description		
413.30	**429.10**	**E1A** **Basalt**		**GS1**

Brecciated basalt. Fragments are mm to cm size, angular, created by intense Ep pervasive replacement, Qtz veining, K-Fs fracture filling and pervasive replacement, strong intensity.. It also incorporate fragments of granitic material or dykes, overprinted

<<Alt: 413.3 - 436.9: strong Epidote / strong K-feldspar / moderate Silicification>> Pervasive replacement, within veinlets as well.Pervasive replacement of mm to centimetric red fragments. Possible granitic material as well.Quartz veinlets, irregular orientation and sizes, mm to centimetric. Contains Ep +- K-Fs altered wallrock.

<<Vein: 414.6 - 414.7: with sulphides>> Grey quartz vein with slip surfaces, band with Py (5%).

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
413.30	414.50	1.20	337121	0.01				
414.50	415.00	0.50	337122	0.0025				
415.00	416.40	1.40	337123	0.0025				
416.40	417.90	1.50	337124	0.0025				
417.90	419.40	1.50	337125	0.0025				
419.40	420.90	1.50	337126	0.0025				
420.90	421.90	1.00	337127	0.0025				
421.90	422.90	1.00	337128	0.0025				
422.90	424.40	1.50	337129	0.022				
424.40	425.90	1.50	337131	0.0025				
425.90	427.00	1.10	337132	0.0025				
427.00	428.00	1.00	337133	0.0025				
428.00	429.10	1.10	337134	0.0025				
429.10	430.30	1.20	337135	0.0025				

From (m)	To (m)	Rock Type & Description		
429.10	**430.30**	**I3A1** **Alkali Feldspar Granite**		**GS1**

Red granitic intrusion, brecciated with Qtz Ep alteration veinlets.

From (m)	To (m)	Rock Type & Description		
430.30	**436.90**	**E1A** **Basalt**		**GS1**

Brecciated basalt. Fragments are mm to cm size, angular, created by intense Ep pervasive replacement, Qtz veining, K-Fs fracture filling and pervasive replacement, strong intensity.. It also incorporate fragments of granitic material or dykes, overprinted

<<Struc: 431.5 - 436.9: weak Fault>> Broken core, irregular joints on most of the interval and until 438.3m

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
430.30	431.50	1.20	337136	0.0025				
431.50	432.50	1.00	337137	0.0025				
432.50	434.00	1.50	337138	0.0025				

Hole: PAC-20-020

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			434.00	435.50	1.50	337139	0.0025				
			435.50	436.90	1.40	337140	0.0025				
436.90	**440.45**	**S1A Argillite** Argilite with strong Chl + Ser content. Deformation is strong along the unit, with crenulation cleavages observable locally. <<Alt: 436.9 - 439.1: strong Epidote>> Pervasive and disseminated in the unit <<Alt: 439.1 - 439.4: strong Epidote / moderate K-feldspar / strong Silicification>> Pervasive and disseminated in the unitQuartz + Feldspar + Epidote veinlets.Quartz + Feldspar + Epidote veinlets. <<Alt: 439.4 - 439.5: strong Epidote / strong Silicification>> Pervasive and disseminated in the unitQuartz + Feldspar + Epidote veinlets. <<Alt: 439.5 - 440.5: strong Epidote>> Pervasive and disseminated in the unit <<Struc: 436.9 - 440.5: Shistosity 65 deg. >> Strong schistosity, crenulation clevage observable									
			436.90	438.00	1.10	337141	0.0025				
			438.00	439.00	1.00	337142	0.0025				
			439.00	439.50	0.50	337143	0.0025				
			439.50	440.50	1.00	337144	0.0025				
440.45	**441.20**	**I3A1 Alkali Feldspar Granite** Coarse grained granitic intrusion, red colored. Epidote microstockwork troughout. Traces up to 1% diss. Py. <<Alt: 440.5 - 450: strong Epidote>> Stockworks of Ep +- Qtz mm veinlets. Brittle regime.	440.50	441.20	0.70	337145	0.0025				
			441.20	441.80	0.60	337146	0.005				
441.20	**441.80**	**E1A Basalt GS1** Basalt with strong Epidote stockwork alteration.									
441.80	**442.10**	**I3A1 Alkali Feldspar Granite** Coarse grained granitic intrusion, red colored. Epidote microstockwork troughout. Traces up to 1% diss. Py.									
			441.80	442.90	1.10	337147	0.021				
442.10	**442.90**	**E1A Basalt GS1** Basalt with strong Epidote stockwork alteration.									
442.90	**444.10**	**I3A1 Alkali Feldspar Granite** Coarse grained granitic intrusion, red colored. Epidote microstockwork troughout. Traces up to 1% diss. Py.									
			442.90	444.10	1.20	337148	0.0025				
			444.10	445.50	1.40	337149	0.0025				

Hole: PAC-20-020

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
444.10	**444.40**	**E1A** **Basalt**	**GS1**									
Basalt with strong Epidote stockwork alteration.												
444.40	**450.00**	**I3A1** **Alkali Feldspar Granite**										
Coarse grained granitic intrusion, red colored. Epidote microstockwork troughout. Traces up to 1% diss. Py.												
				445.50	447.00	1.50	337151	0.0025				
				447.00	448.50	1.50	337152	0.0025				
				448.50	450.00	1.50	337153	0.0025				

End of Hole @ 450

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-021

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-02-24	**Core Size:**	NQ
UTM East:	438155.06	**Azimuth:**	21	**Date Completed:**	2020-03-05	**Casing Pulled?:**	☐
UTM North:	5641735.83	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	425.54	**Length (m):**	600	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
27	Reflex			-49.9	21.6			58015	☑	
30	Reflex			-49.9	21.5			57998	☑	
33	Reflex			-49.9	21.6			58022	☑	
39	Reflex			-49.8	21.3			57830	☑	
51	Reflex			-49.8	22.2			57068	☑	
57	Reflex			-49.8	21.8			57113	☑	
60	Reflex			-49.8	22			57024	☑	
69	Reflex			-49.9	22.1			57104	☑	
72	Reflex			-49.9	22.1			57064	☑	
78	Reflex			-49.9	22.4			57188	☑	
84	Reflex			-49.9	22			56856	☑	
87	Reflex			-49.8	22.3			56858	☑	
90	Reflex			-49.8	22.7			56855	☑	

Hole: PAC-20-021

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
93	Reflex			-49.9	22.8			57050	☑	
96	Reflex			-49.9	23			56765	☑	
99	Reflex			-49.9	22.3			57107	☑	
102	Reflex			-50	22.6			57049	☑	
105	Reflex			-50	22.6			57049	☑	
108	Reflex			-50.1	22.7			57054	☑	
117	Reflex			-50.1	23			57023	☑	
120	Reflex			-50.1	23			57090	☑	
123	Reflex			-50.1	23.1			57040	☑	
126	Reflex			-50.2	23.3			57037	☑	
129	Reflex			-50.2	23.5			57017	☑	
138	Reflex			-50.3	23.5			56976	☑	
141	Reflex			-50.2	23.4			57010	☑	
144	Reflex			-50.2	23.5			56989	☑	
150	Reflex			-50.4	24			57006	☑	
153	Reflex			-50.4	23.6			57026	☑	
159	Reflex			-50.4	23.8			56999	☑	
162	Reflex			-50.4	23.8			56982	☑	
165	Reflex			-50.5	23.8			56994	☑	
168	Reflex			-50.5	24			57019	☑	
171	Reflex			-50.5	24			56992	☑	
174	Reflex			-50.4	24			56988	☑	
177	Reflex			-50.5	24			56980	☑	
180	Reflex			-50.5	24.3			56920	☑	

Hole: PAC-20-021

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
183	Reflex			-50.4	24.3			56846	☑	
186	Reflex			-50.4	24.3			56905	☑	
192	Reflex			-50.4	24.6			56889	☑	
195	Reflex			-50.4	24.5			56878	☑	
198	Reflex			-50.5	24.4			56897	☑	
201	Reflex			-50.5	24.4			56923	☑	
204	Reflex			-50.4	24.4			56914	☑	
207	Reflex			-50.5	24.4			56947	☑	
213	Reflex			-50.4	24.4			56936	☑	
216	Reflex			-50.4	24.3			56967	☑	
219	Reflex			-50.4	24.4			56937	☑	
222	Reflex			-50.4	24.5			56892	☑	
225	Reflex			-50.4	24.6			56926	☑	
228	Reflex			-50.3	24.9			56842	☑	
231	Reflex			-50.3	24.6			56941	☑	
234	Reflex			-50.3	24.5			56921	☑	
237	Reflex			-50.2	24.8			56944	☑	
240	Reflex			-50.1	24.8			56942	☑	
243	Reflex			-50.1	25			56913	☑	
246	Reflex			-50	25			56943	☑	
249	Reflex			-50	25.1			56962	☑	
252	Reflex			-49.9	25.2			56966	☑	
255	Reflex			-49.9	25.3			56943	☑	
258	Reflex			-49.8	25.3			56937	☑	

Hole: PAC-20-021

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
261	Reflex			-49.8	25.5			56960	☑	
264	Reflex			-49.8	25.5			56959	☑	
267	Reflex			-49.7	25.5			56923	☑	
270	Reflex			-49.7	25.7			56954	☑	
276	Reflex			-49.6	25.4			56958	☑	
279	Reflex			-49.5	25.6			56939	☑	
282	Reflex			-49.5	25.4			56959	☑	
285	Reflex			-49.3	25			56781	☑	
288	Reflex			-49.4	25.1			56923	☑	
291	Reflex			-49.3	25.1			56923	☑	
294	Reflex			-49.3	25.3			56963	☑	
297	Reflex			-49.3	25.2			56978	☑	
300	Reflex			-49.3	25.2			56941	☑	
303	Reflex			-49.3	25.3			56955	☑	
306	Reflex			-49.2	25.3			56944	☑	
309	Reflex			-49.2	25.3			56955	☑	
312	Reflex			-49	25			56937	☑	
315	Reflex			-49.2	25.3			56964	☑	
318	Reflex			-49.2	25.3			56928	☑	
321	Reflex			-49.2	25.3			56940	☑	
324	Reflex			-49.2	25.5			56959	☑	
327	Reflex			-49.1	25.5			56934	☑	
330	Reflex			-49.1	25.4			56933	☑	
333	Reflex			-49.1	25.4			56944	☑	

Hole: PAC-20-021

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
336	Reflex			-49.1	25.4			56972	☑	
339	Reflex			-48.8	25.1			56932	☑	
342	Reflex			-49	25.4			56947	☑	
345	Reflex			-49	25.3			56956	☑	
348	Reflex			-48.9	25.6			56919	☑	
351	Reflex			-48.8	25.5			56944	☑	
354	Reflex			-48.9	25.4			56943	☑	
357	Reflex			-48.7	25.5			56950	☑	
360	Reflex			-48.7	25.7			56947	☑	
363	Reflex			-48.7	25.5			56926	☑	
366	Reflex			-48.7	25.2			56934	☑	
369	Reflex			-48.7	25.4			56926	☑	
372	Reflex			-48.7	25.2			56964	☑	
375	Reflex			-48.6	25.4			56960	☑	
378	Reflex			-48.6	25.5			56956	☑	
381	Reflex			-48.6	25.5			56983	☑	
384	Reflex			-48.6	25.5			56955	☑	
387	Reflex			-48.5	25.2			56936	☑	
390	Reflex			-48.6	25.5			56950	☑	
393	Reflex			-48.6	25.6			56960	☑	
396	Reflex			-48.5	25.5			56926	☑	
399	Reflex			-48.5	25.6			56926	☑	
402	Reflex			-48.5	25.7			56948	☑	
405	Reflex			-48.5	25.8			56945	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
408	Reflex			-48.5	25.8			56946	☑	
411	Reflex			-48.5	26			56970	☑	
414	Reflex			-48.5	25.9			56993	☑	
417	Reflex			-48.5	25.9			56927	☑	
420	Reflex			-48.5	26.1			56940	☑	
423	Reflex			-48.5	26			56953	☑	
426	Reflex			-48.5	26.1			56943	☑	
429	Reflex			-48.5	26.1			56969	☑	
432	Reflex			-48.4	26.2			56970	☑	
435	Reflex			-48.4	26			56973	☑	
438	Reflex			-48.4	26.3			56922	☑	
441	Reflex			-48.5	26.1			56965	☑	
444	Reflex			-48.4	26.1			56975	☑	
447	Reflex			-48.4	26.2			56914	☑	
450	Reflex			-48.4	26.3			56962	☑	
453	Reflex			-48.4	26.5			56945	☑	
456	Reflex			-48.4	26.3			56962	☑	
459	Reflex			-48.4	26.4			57030	☑	
462	Reflex			-48.4	26.2			57007	☑	
465	Reflex			-48.4	26.3			56976	☑	
468	Reflex			-48.4	26.4			56961	☑	
471	Reflex			-48.5	26.4			57019	☑	
474	Reflex			-48.4	26.4			57019	☑	
477	Reflex			-48.4	26.7			57013	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
483	Reflex			-48.5	26.7			56985	☑	
489	Reflex			-48.5	26.6			56981	☑	
492	Reflex			-48.6	26.7			57020	☑	
495	Reflex			-48.6	26.6			56996	☑	
498	Reflex			-48.6	26.9			56781	☑	
501	Reflex			-48.7	27			57048	☑	
504	Reflex			-48.6	27			56982	☑	
507	Reflex			-48.6	27			57021	☑	
510	Reflex			-48.6	27			57031	☑	
513	Reflex			-48.6	27			56994	☑	
516	Reflex			-48.6	27			57050	☑	
519	Reflex			-48.6	26.8			57033	☑	
522	Reflex			-48.6	27			57041	☑	
525	Reflex			-48.6	26.9			57022	☑	
528	Reflex			-48.6	27.1			56960	☑	
531	Reflex			-48.6	27.2			57054	☑	
534	Reflex			-48.6	27.2			56995	☑	
537	Reflex			-48.6	27.1			57068	☑	
540	Reflex			-48.7	27.1			57064	☑	
543	Reflex			-48.7	27.3			57013	☑	
546	Reflex			-48.7	27.2			56960	☑	
549	Reflex			-48.7	27.2			57000	☑	
552	Reflex			-48.7	27.2			57022	☑	
558	Reflex			-48.7	27.3			57030	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
561	Reflex			-48.7	27			57015	☑	
564	Reflex			-48.8	27.2			57041	☑	
567	Reflex			-48.8	27.3			57011	☑	
570	Reflex			-48.8	27.5			56894	☑	
573	Reflex			-48.8	27.9			56940	☑	
576	Reflex			-48.8	27.8			56856	☑	
582	Reflex			-48.8	27.5			56985	☑	
585	Reflex			-48.8	27.5			57020	☑	
588	Reflex			-48.9	27.9			56960	☑	
591	Reflex			-48.9	27.9			56966	☑	
594	Reflex			-48.8	27.5			56980	☑	
597	Reflex			-48.9	27.7			57009	☑	
600	Reflex			-48.9	27.9			57032	☑	

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	3.60	OB Overburden									
3.60	19.00	I3A1 Alkali Feldspar Granite GS2									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.											
19.00	19.50	E1A Basalt GS1									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Struc: 19 - 19.5: Shistosity 35 deg. >>											
19.50	20.40	I3A1 Alkali Feldspar Granite GS2									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.											
20.40	21.40	E1A Basalt GS1									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Struc: 20.4 - 21.4: Shistosity 35 deg. >>											
21.40	21.70	I3A1 Alkali Feldspar Granite GS2									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.											
21.70	22.60	E1A Basalt GS1									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Struc: 21.7 - 22.6: Shistosity 40 deg. >>											
22.60	23.00	I3A1 Alkali Feldspar Granite GS2									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.											
23.00	23.40	E1A Basalt GS1									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity.											
23.40	26.50	I3A1 Alkali Feldspar Granite GS2									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.											

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
26.50	**26.90**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Struc: 26.5 - 26.9: Shistosity 50 deg. >>													
26.90	**27.50**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.													
27.50	**28.40**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Struc: 27.5 - 28.4: Shistosity 50 deg. >>													
28.40	**30.60**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.													
30.60	**33.40**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Struc: 30.6 - 33.4: Shistosity 35 deg. >>													
33.40	**34.50**	**I3A**	**Granite**	**GS3**									
Coarse grained red granitic homogeneous intrusion.													
34.50	**36.30**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Alt: 35.7 - 36.3: moderate Epidote>> <<Struc: 34.5 - 36.3: Shistosity 35 deg. >>													
36.30	**36.60**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion.													
36.60	**37.90**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. <<Alt: 36.6 - 37.9: moderate Epidote>> <<Struc: 36.6 - 37.9: Shistosity 35 deg. >>													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
37.90	**38.50**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion.													
38.50	**38.70**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity.													
38.70	**39.80**	**I3A**	**Granite**	**GS2**									
Series of dykes of medium grained granitic homogeneous intrusion within basalt. (10-15% basalt slivers).													
39.80	**46.80**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity.													
<<Alt: 41.4 - 43: moderate Epidote>>													
<<Struc: 39.8 - 51.4: Shistosity 50 deg. >>													
46.80	**47.20**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. First 15 cm are quartz rich (vein?)													
47.20	**51.40**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity.													
51.40	**52.40**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Locally pegmatitic on 1-3 cm.													
52.40	**53.15**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity.													
<<Struc: 52.4 - 53.15: Shistosity 45 deg. >>													
53.15	**53.95**	**I1**	**Mafic intrusive**	**GS2**									
Cross-cutting weak schistosed to homogeneous mafic intrusion, medium grained with green color.													
53.95	**54.90**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity.													
<<Struc: 53.95 - 54.9: Shistosity 50 deg. >>													
54.90	**71.30**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Red granitic medium grained homogeneous and massive granitic intrusion. Almost non altered, few epidote stringers. Traces Py locally.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
71.30	**73.00**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
<<Struc: 71.3 - 108.3: Shistosity 50 deg. >> 45-55 tCA													
73.00	**73.20**	**I3A**	**Granite**	**GS2**									
73.20	**75.85**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
75.85	**76.15**	**I3A**	**Granite**	**GS1**									
Irregular contacts. Heterogeneous granitic dyke.													
76.15	**76.50**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
76.50	**76.70**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion.													
76.70	**79.45**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
79.45	**79.85**	**I3A**	**Granite**	**GS3**									
Two irregular pegmatitc dykes, 10 cm basalt.													
79.85	**82.70**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
82.70	**83.20**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
83.20	**84.10**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
84.10	**84.30**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion.													
84.30	**96.70**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
96.70	**97.00**	**I3A**	**Granite**	**GS2**									
97.00	**97.50**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
97.50	**98.00**	**I3A**	**Granite**	**GS2**									
98.00	**108.30**	**E1A**	**Basalt**	**GS1**									
Dark green basalt, schistosed, homogeneous, almost no alteration except few millimetric irregular epidote +- red feldspar veinlets. Few millimetric dykes of granitic material in the schistosity. Locally on dm scale, presence of 5-10% rounded white plurimi													
<<Alt: 106.3 - 151.5: moderate Epidote>>													
108.30	**113.95**	**I3A**	**Granite**	**GS2**									
Red granitic medium grained homogeneous and massive granitic intrusion. Moderate amount of epidote stringers. Traces Py locally.													
113.95	**114.45**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
<<Struc: 113.95 - 148.4: Shistosity 55 deg. >>													
114.45	**114.60**	**I3A**	**Granite**	**GS3**									
Pegmatitic red dyke of granitic material.													
114.60	**122.20**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
122.20	**122.40**	**I3A**	**Granite**	**GS3**									
Two pegmatitic granite dyke, 3 cm basalt.													
122.40	**123.60**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
123.60	**123.90**	**I3A**	**Granite**	**GS2**									
Red granitic intrusion. Epidote filled fractured along the interval.													
123.90	**133.50**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
133.50	**133.70**	**I3A**	**Granite**	**GS2**									
133.70	**141.15**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
141.15	**141.40**	**I3A1**	**Alkali Feldspar Granite**	**GS1**									
fine grained epidote rich with red feldspar granitoid, weak schistosity													
141.40	**142.80**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
142.80	**143.50**	**I3A1**	**Alkali Feldspar Granite**	**GS1**									
fine grained epidote rich with red feldspar granitoid, weak schistosity, irregular contacts, discordant with schistosity.													
143.50	**144.80**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
144.80	**145.20**	**I3R**	**Quartz-feldspar porphyry**	**GS2**									
grey dyke with plurimillimetric feldspar phenocrysts within schistosity.													
145.20	**148.40**	**E1A**	**Basalt**	**GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.													
148.40	**151.50**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion.													
<<Struc: 148.4 - 160.6: Shistosity 45 deg. >> weak schistosity													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			150.00	151.50	1.50	337154	0.0025				
151.50	**154.00**	**I3A Granite GS2**	151.50	153.00	1.50	337155	0.0025				
Irregular breccia of granitic material with overprinted epidote stockwork alteration, with slivers of basalt within.											
<<Alt: 151.5 - 166.5: moderate Epidote / moderate Silicification>> Quartz veinlets, cm sizes, with locally 1-2% Py within. Grey to white color. No particular orientation.			153.00	154.00	1.00	337156	0.0025				
154.00	**158.10**	**E1A Basalt GS1**	154.00	155.50	1.50	337157	0.0025				
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.											
<<Min: 154 - 157: 2% pyrite>> disseminated and within veinlets			155.50	157.00	1.50	337158	0.006				
<<Min: 157 - 191.2: 2% pyrite>> disseminated and within veinlets			157.00	158.10	1.10	337159	0.0025				
			158.10	158.90	0.80	337160	0.006				
158.10	**158.90**	**I3A Granite GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts											
158.90	**159.60**	**E1A Basalt GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.											
			158.90	160.20	1.30	337161	0.0025				
159.60	**159.80**	**I3A Granite GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts											
159.80	**160.20**	**E1A Basalt GS1**									
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.											
160.20	**160.60**	**I3A Granite GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts											
			160.20	161.00	0.80	337162	0.006				
160.60	**170.00**	**E1A Basalt GS1**	161.00	162.00	1.00	337163	0.011				
Green basalt, schistosed, homogeneous. Moderate alteration in brittle millimetric veinlets/stockworks of epidote overprinted on schistosity. Plagioclases also replaced by epidote.											
<<Alt: 166.5 - 167.1: strong Epidote / strong Silicification>> Intense stockwork of epidote.irregular white to grey quartz veinlets cross-cutting a epidote stockwork.			162.00	163.50	1.50	337164	0.008				
<<Alt: 167.1 - 170: moderate Epidote / moderate Silicification>> Quartz veinlets, cm sizes, with locally 1-2% Py within. Grey to white color. No particular orientation.			163.50	165.00	1.50	337165	0.0025				

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From (m)	To (m)	Rock Type & Description
170.00	**191.20**	**E1A Basalt**
		Green basalt with braccia texture. Until 176,3 m, rock is pervasively altered by K-Fs (red replacement, aphanitic) and epidote. Thereafter K-Fs alteration is weaker . Light quartz veining troughout. 1-2% Diss Py.
		<<Alt: 170 - 176.3: strong Epidote / strong K-feldspar / moderate Silicification>> Strong pervasive replacement, rock is epidote colored.Strong pervasive red replacement in the brecciated fragments.Quartz veinlets, cm sizes, with locally 1-2% Py within. Grey to white color. No particular orientation.
		<<Alt: 176.3 - 184.8: strong Epidote / moderate K-feldspar / moderate Silicification>> Strong pervasive replacement, rock is epidote colored.Weak pervasive red replacement in the brecciated fragments.Quartz veinlets, cm sizes, with locally 1-2% Py within. Grey to white color. No particular orientation.
		<<Alt: 184.8 - 187: strong K-feldspar / moderate Silicification>> Strong pervasive red replacement in the brecciated fragments.Quartz veinlets, cm sizes, with locally 1-2% Py within. Grey to white color. No particular orientation.
		<<Alt: 187 - 191.2: strong Epidote / moderate K-feldspar / moderate Silicification>> Strong pervasive replacement, rock is epidote colored.Weak pervasive red replacement in the brecciated fragments.Quartz veinlets, cm sizes, with locally 1-2% Py within. Grey to white color. No particular orientation.
		<<Struc: 170 - 180.6: Shistosity 35 deg. >> Weak ondulating schistosity. Heterogeneous.
		<<Struc: 189 - 190: Fault>>
191.20	**237.00**	**E1A Basalt**
		Extreme pervasive silicification within a basaltic protolith. Locally in millimetric veinlets stockwork arrays. Accompanied by local intense to extreme red (K-Fs?) replacement. Traces Py, traces Cpy.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
165.00	166.50	1.50	337166	0.0025				
166.50	167.10	0.60	337167	0.0025				
167.10	167.80	0.70	337168	0.007				
167.80	169.00	1.20	337169	0.019				
169.00	170.00	1.00	337171	0.0025				
170.00	171.50	1.50	337172	0.0025				
171.50	173.00	1.50	337173	0.015				
173.00	174.50	1.50	337174	0.0025				
174.50	175.50	1.00	337175	0.0025				
175.50	176.30	0.80	337176	0.027				
176.30	177.50	1.20	337177	0.0025				
177.50	179.00	1.50	337178	0.0025				
179.00	180.50	1.50	337180	0.006				
180.50	182.00	1.50	337181	0.0025				
182.00	183.50	1.50	337182	0.007				
183.50	184.80	1.30	337183	0.006				
184.80	186.00	1.20	337184	0.006				
186.00	187.00	1.00	337185	0.005				
187.00	188.50	1.50	337186	0.016				
188.50	190.00	1.50	337187	0.0025				
190.00	191.20	1.20	337188	0.008				

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From (m)	To (m)	Rock Type & Description
		<<Min: 191.2 - 216.1: 2% pyrite / 0.5% chalcopyrite>>
		<<Min: 216.1 - 237: 0.5% pyrite>>
		<<Alt: 191.2 - 207.7: intense K-feldspar / intense Silicification>> Strong pervasive red replacement, also along fractures and porous zones. Come with pervasive intense quartz flooding.Intense silicification, pervasive, giving the rock a "mirror" texture. Locally in millimetric veinlets arrays or stockwork.
		<<Alt: 207.7 - 216.1: strong K-feldspar / intense Silicification>> Moderate pervasive red replacement, also along fractures and porous zones. Come with pervasive intense quartz flooding. Less intense than previous interval.Intense silicification, pervasive, giving the rock a "mirror" texture. Locally in millimetric veinl
		<<Alt: 216.1 - 237: strong K-feldspar / complete Silicification>> Moderate pervasive red replacement, also along fractures and porous zones. Come with pervasive intense quartz flooding. Less intense than previous interval.Extreme silicification, pervasive, giving the rock a "mirror" texture. Locally in millimetric veinl
		<<Struc: 191.8 - 252.1: weak Fault>> 85% broken grounded core, some has porosity.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
191.20	192.00	0.80	337189	0.013				
192.00	192.80	0.80	337190	0.011				
192.80	195.00	2.20	337192	0.0025				
195.00	196.50	1.50	337193	0.016				
196.50	198.00	1.50	337194	0.007				
198.00	199.50	1.50	337195	0.011				
199.50	201.00	1.50	337196	0.008				
201.00	202.50	1.50	337197	0.007				
202.50	204.00	1.50	337198	0.013				
204.00	205.50	1.50	337199	0.012				
205.50	207.00	1.50	337200	0.02				
207.00	207.70	0.70	337179	0.006				
207.70	209.00	1.30	337201	0.015				
209.00	210.00	1.00	337202	0.007				
210.00	211.50	1.50	337203	0.008				
211.50	213.00	1.50	337204	0.012				
213.00	214.50	1.50	337205	0.007				
214.50	216.10	1.60	337206	0.011				
216.10	217.50	1.40	337207	0.008				
217.50	219.00	1.50	337208	0.021				

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From (m)	To (m)	Rock Type & Description
237.00	**244.00**	**E1A Basalt**
Strong Qtz + K-Fs replacement in basalt, less intense than previous interval. Texture preserved locally. Lot of broken core.		
<<Min: 237 - 376: 2% pyrite>> Traces up to 1-2% idomorph porphyroblastic millimetric Py		
<<Alt: 237 - 240.5: strong K-feldspar / moderate Silicification>> Moderate pervasive red replacement, also along fractures and porous zones. Come with pervasive intense quartz flooding. Less intense than previous interval.Strong to moderate? silicification, in veinlets, locally pervasive. Hard to see in broken core.		
<<Alt: 240.5 - 244: strong K-feldspar / strong Silicification>> Moderate pervasive red replacement, also along fractures and porous zones. Come with pervasive intense quartz flooding. Less intense than previous interval.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granite		
244.00	**252.60**	**I3A Granite GS1**
Red granitic intrusion, vitreous aspect due to strong quartz brecciation and pervasive replacement. 1% disseminated Py. Lot of broken core.		
<<Alt: 244 - 252.6: strong Silicification>> Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites hosts troughout all interval.		
<<Vein: 251.6 - 251.8: with sulphides>> grey quartz vein with millimetric fragments of basalt. Traces - 1% fine Py disseminated		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
219.00	220.50	1.50	337209	0.008				
220.50	222.00	1.50	337211	0.0025				
222.00	223.50	1.50	337212	0.026				
223.50	225.00	1.50	337213	0.0025				
225.00	226.50	1.50	337214	0.006				
226.50	228.00	1.50	337215	0.0025				
228.00	229.50	1.50	337216	0.007				
229.50	231.00	1.50	337217	0.0025				
231.00	232.50	1.50	337218	0.0025				
232.50	234.00	1.50	337219	0.0025				
234.00	235.50	1.50	337220	0.0025				
235.50	237.00	1.50	337221	0.0025				
237.00	239.00	2.00	337222	0.0025				
239.00	240.50	1.50	337223	0.0025				
240.50	242.00	1.50	337224	0.0025				
242.00	243.20	1.20	337225	0.012				
243.20	244.50	1.30	337226	0.01				
244.50	246.00	1.50	337227	0.0025				
246.00	247.50	1.50	337228	0.011				
247.50	249.00	1.50	337229	0.0025				
249.00	250.50	1.50	337231	0.0025				
250.50	251.50	1.00	337232	0.0025				
251.50	252.60	1.10	337233	0.006				

Hole: PAC-20-021

From (m)	To (m)	Rock Type & Description
252.60	**276.10**	**E1A Basalt**
Strong Qtz veining and locally K-FS alteration in basalt is fine to medium grained with visible plagioclases being replaced by epidote. 1-2% millimetric porphyroblastic Py troughout.		
<<Alt: 252.6 - 267.3: strong Epidote / moderate K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Strong pervasive red replacement certain brecciated fragments or zones of basalt.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites hosts troughout all		
<<Alt: 267.3 - 267.8: strong Epidote / intense K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Intense pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites		
<<Alt: 267.8 - 272.3: strong Epidote / moderate K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites ho		
<<Alt: 272.3 - 274.5: strong Epidote / intense K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Intense pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites		
<<Alt: 274.5 - 276.1: strong Epidote / moderate K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites ho		
<<Struc: 256.7 - 259.2: weak Fault>> grounded core, gouge.		
<<Struc: 261 - 264: weak Fault>> broken core, various joints, local 1-10 cm of broken exploded core.		
<<Struc: 265.5 - 265.6: weak Fault>> 10 cm broken exploded core		
<<Struc: 268.5 - 268.8: weak Fault>> broken core		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
252.60	254.10	1.50	337234	0.0025				
254.10	255.50	1.40	337235	0.0025				
255.50	256.50	1.00	337236	0.0025				
256.50	258.00	1.50	337237	0.0025				
258.00	259.50	1.50	337238	0.0025				
259.50	261.00	1.50	337239	0.0025				
261.00	262.50	1.50	337240	0.005				
262.50	264.00	1.50	337241	0.0025				
264.00	265.50	1.50	337242	0.013				
265.50	266.20	0.70	337243	0.0025				
266.20	267.30	1.10	337244	0.0025				
267.30	267.80	0.50	337245	0.009				
267.80	268.80	1.00	337246	0.0025				
268.80	270.00	1.20	337247	0.005				
270.00	271.00	1.00	337248	0.007				
271.00	272.20	1.20	337249	0.0025				
272.20	273.50	1.30	337251	0.0025				
273.50	274.50	1.00	337252	0.0025				
274.50	275.50	1.00	337253	0.006				
275.50	276.20	0.70	337254	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
276.10	**278.50**	**I3A Granite GS2** Medium to fine grained red granitic heterogeneous intrusion, Py rich (<5%) and brecciated by quartz. <<Alt: 276.1 - 278.5: strong Epidote / intense K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Intense pervasive replacement of red fragments that are breacciated by intense milky quartz veining. Possibly just a granitic rock.Strong silicification in veins and veinlets, also pervasive locally. B	276.20	277.50	1.30	337255	0.0025				
			277.50	278.50	1.00	337256	0.016				
278.50	**287.30**	**E1A Basalt** Strong Qtz veining and locally K-FS alteration in basalt is fine to medium grained with visible plagioclases being replaced by epidote. 1-2% millimetric porphyroblastic Py troughout. <<Alt: 278.5 - 287.3: strong Epidote / moderate K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites ho	278.50	280.00	1.50	337257	0.0025				
			280.00	281.50	1.50	337258	0.0025				
			281.50	283.00	1.50	337259	0.0025				
			283.00	284.50	1.50	337260	0.0025				
			284.50	286.00	1.50	337261	0.009				
			286.00	287.30	1.30	337262	0.0025				
287.30	**290.60**	**I3A Granite GS2** Medium to fine grained red granitic heterogeneous intrusion, brecciated by quartz. <<Alt: 287.3 - 290.6: strong Epidote / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites hosts troughout all interval.									
			287.30	288.70	1.40	337263	0.0025				
			288.70	289.50	0.80	337264	0.005				
			289.50	290.60	1.10	337265	0.007				
			290.60	292.00	1.40	337266	0.0025				
290.60	**297.70**	**E1A Basalt**	292.00	293.00	1.00	337267	0.0025				
		Strong Qtz veining and locally K-FS alteration in basalt is fine to medium grained with visible plagioclases being replaced by epidote. 1-2% millimetric porphyroblastic Py troughout. <<Alt: 290.6 - 296: strong Epidote / moderate K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites ho	293.00	294.50	1.50	337268	0.011				
		<<Alt: 296 - 297.7: strong Epidote / moderate K-feldspar / intense Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong Quarz brecciation in basalt.	294.50	296.00	1.50	337269	0.008				
			296.00	296.90	0.90	337271	0.029				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					296.90	297.70	0.80	337272	0.008				
					297.70	299.00	1.30	337273	0.0025				
297.70	**300.80**	**E1A**	**Basalt**	**GS1**	299.00	300.00	1.00	337274	0.0025				
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
<<Alt: 297.7 - 335: strong Epidote / moderate K-feldspar / moderate Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Moderate silicification in veins and veinlets, also pervasive locally. Brecciating basalt and granites					300.00	301.50	1.50	337275	0.0025				
300.80	**301.00**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
301.00	**301.50**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
301.50	**302.30**	**I3A**	**Granite**	**GS2**	301.50	302.70	1.20	337276	0.0025				
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
302.30	**302.70**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
					302.70	303.60	0.90	337277	0.0025				
302.70	**303.60**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
					303.60	305.10	1.50	337278	0.0025				
303.60	**305.30**	**E1A**	**Basalt**	**GS1**	305.10	306.00	0.90	337279	0.0025				
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
305.30	**305.95**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
305.95	**313.30**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
313.30	**313.50**	**I3A**	**Granite**	**GS3**									
Coarse grained red granitic intrusion													
313.50	**317.90**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
317.90	**318.60**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
318.60	**319.35**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
319.35	**319.50**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
319.50	**319.80**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
319.80	**320.00**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
320.00	**320.30**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
320.30	**321.20**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
321.20	**321.70**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
321.70	**322.00**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
322.00	**322.70**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
322.70	**323.70**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
323.70	**324.10**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
324.10	**324.60**	**I3A**	**Granite**	**GS2**									
Medium grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
324.60	**330.40**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
330.40	**330.60**	**I3A**	**Granite**	**GS1**									
Fine grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.													
330.60	**350.70**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
<<Alt: 335 - 356.3: strong Epidote / moderate K-feldspar / moderate Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.1-5% quartz veinlets, irregular, milky to grey, troughout the interval.													
350.70	**351.20**	**I3A**	**Granite**										
several cm to dm thick irregular dykes of red granite intruding basalt.													
351.20	**354.60**	**E1A**	**Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.													
<<Struc: 351.9 - 352: weak Fault>> broken core													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 353 - 357.6: moderate Fault>> broken core, lots of irregulars joints, fault gouge.									
354.60	**354.70**	**I3A Granite GS1**									
		Fine grained red granitic homogeneous intrusion. Irregular contacts. Brecciated by quartz veinlets.									
354.70	**374.50**	**E1A Basalt GS1**									
		Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.									
		<<Alt: 356.3 - 356.9: strong Epidote / moderate K-feldspar / strong Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.Strong pervasive silcification and in veinlets									
		<<Alt: 356.9 - 376: strong Epidote / moderate K-feldspar / moderate Silicification>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.1-5% quartz veinlets, irregular, milky to grey, troughout the interval.									
		<<Struc: 367 - 368.9: Fault>>									
		<<Struc: 373.7 - 387.4: Shistosity 15 deg. >> Weeak to moderate schistosity along core axis									
374.50	**374.80**	**I3A Granite GS2**									
		Red granitic intrusion. Epidote filled fractured along the interval.									
374.80	**375.50**	**E1A Basalt GS1**									
		Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.									
375.50	**375.80**	**I3A Granite GS2**									
		Red granitic intrusion. Epidote filled fractured along the interval.									
375.80	**383.10**	**E1A Basalt GS1**									
		Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.									
		<<Alt: 376 - 389: strong Epidote / moderate K-feldspar>> Strong pervasive replacement, rock is epidote colored.Local pervasive replacement of red fragments that are breacciated by intense milky quartz veining.									
383.10	**383.70**	**I3A Granite GS2**									
		Red granitic massive homogeneous intrusion									

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
383.70	**386.50**	**E1A** **Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.												
386.50	**386.60**	**I3A** **Granite**	**GS2**									
Red granitic massive homogeneous intrusion												
386.60	**389.00**	**E1A** **Basalt**	**GS1**									
Green basalt. Texture is now alternating between meter thicks interval of fine homogeneous massive basalt where plagioclases are visibles and replaced by epidote, and brecciated textures where fragments are replaced by epidote / and minor red K-Fs.												
<<Struc: 387.4 - 396.3: weak Fault>> Lots of joints along core axis and broken core												
389.00	**397.90**	**I3S** **Feldspar porphyry**	**GS2**									
Grey porphyritic homogeneous intermediate intrusive. 10% rounded millimetric feldspar red to pink phenocrysts. Weak schistosity at about 30-60 tCA.												
397.90	**398.10**	**I3A** **Granite**	**GS2**									
Red granitic massive homogeneous intrusion												
398.10	**398.30**	**I3S** **Feldspar porphyry**	**GS2**									
Grey porphyritic homogeneous intermediate intrusive. 10% rounded millimetric feldspar red to pink phenocrysts. Weak schistosity at about 30-60 tCA.												
398.30	**398.50**	**I3A** **Granite**	**GS2**									
Altered par of the granite, complete epidote replacement.												
398.50	**407.40**	**I3S** **Feldspar porphyry**	**GS2**	405.00	406.20	1.20	337280	0.0025				
Grey porphyritic homogeneous intermediate intrusive. 10% rounded millimetric feldspar red to pink phenocrysts. Weak schistosity at about 30-60 tCA.												
<<Alt: 402.8 - 403.5: strong Epidote>> Strong pervasive replacement, rock is epidote colored.				406.20	407.40	1.20	337281	0.0025				
<<Alt: 406.1 - 410: moderate Silicification>> 1-5% quartz veinlets, irregular, milky to grey, troughout the interval. Contain Py (<5%)												
<<Struc: 399.4 - 404.6: weak Fault>> Lots of joints along core axis and broken core												
407.40	**410.00**	**I3A** **Granite**	**GS2**									
Fine grained red granitic intrusion with weak foliaton. 1-2% disseminated Py troughout and injected by minor amount of centimetric quartz veinlets with locally Py.												
<<Min: 407.4 - 410.2: 2% pyrite>> Disseminated idimorph Py												
				407.40	408.50	1.10	337282	0.012				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					408.50	410.00	1.50	337283	0.0025				
410.00	**410.20**	**I3S**	**Feldspar porphyry**	**GS2**	410.00	410.50	0.50	337284	0.0025				
Idem to 389 - 407.4 m, with irregular inferior contact, 3-5% diss. Py.													
<<Alt: 410 - 418.1: moderate Epidote>>													
410.20	**416.20**	**E1A**	**Basalt**	**GS1**	410.50	412.00	1.50	337285	0.0025				
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
416.20	**416.80**	**I3S**	**Feldspar porphyry**	**GS2**									
Idem to 389 - 407.4 m													
416.80	**418.60**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
418.60	**421.00**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
421.00	**422.70**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Alt: 421 - 443: moderate Epidote>>													
422.70	**423.10**	**I3S**	**Feldspar porphyry**	**GS2**									
Schitosed porphyritic intermediate intrusion similair to 389 - 407,4 m													
<<Struc: 422.7 - 431.1: Shistosity 60 deg. >> Weak schistosity													
423.10	**424.00**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
424.00	**428.30**	**I3S**	**Feldspar porphyry**	**GS2**									
Schitosed porphyritic intermediate intrusion similair to 389 - 407,4 m													
428.30	**429.00**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
429.00	**430.10**	**I3S**	**Feldspar porphyry**	**GS2**									
Schitosed porphyritic intermediate intrusion similair to 389 - 407,4 m													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
430.10	**430.20**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
430.20	**430.35**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
430.35	**432.70**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
432.70	**434.30**	**I3S**	**Feldspar porphyry**	**GS2**									
Schitosed porphyritic intermediate intrusion similair to 389 - 407,4 m													
<<Struc: 434 - 436.1: Shistosity 60 deg. >> Weak schistosity													
434.30	**436.10**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
436.10	**436.80**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
436.80	**438.20**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Struc: 436.8 - 438.2: Shistosity 60 deg. >> weak schistosity													
438.20	**440.50**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
440.50	**441.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
441.50	**441.70**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
441.70	**442.00**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Struc: 441.7 - 441.75: weak Fault 35 deg. >> Gouge, 1 cm quartz veinlet at joint surface.													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
442.00	**443.00**	**I3A Granite GS2** Red granitic massive homogeneous intrusion									
443.00	**450.75**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Alt: 443 - 453.1: moderate Epidote / moderate K-feldspar>> Fracture filling red coloration, locally pervasive along the fractures. <<Struc: 443 - 450.75: Shistosity 70 deg. >> Moderate schistosity									
450.75	**451.40**	**I3A Granite GS2** Red granitic massive homogeneous intrusion <<Struc: 450.75 - 453.1: Shistosity 70 deg. >> Moderate schistosity									
451.40	**453.60**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Alt: 453.1 - 453.6: strong Epidote>> Strong epidote replacement and breccia.									
453.60	**457.15**	**I3A Granite GS2** Red granitic massive homogeneous intrusion <<Alt: 453.6 - 457.15: moderate Epidote>>									
457.15	**460.90**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Alt: 457.15 - 473.8: moderate Epidote / moderate K-feldspar>> Fracture filling red coloration, locally pervasive along the fractures.									
460.90	**462.10**	**I3A Granite GS2** Red to pink granitic intrusive. Last 30 cm are fine grained and red.									
462.10	**467.90**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Struc: 462.1 - 467.9: Shistosity 60 deg. >> Weak schistosity									
467.90	**468.10**	**I3A Granite GS2** Red granitic massive homogeneous intrusion									

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
468.10	**468.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
468.50	**469.50**	**I3A**	**Granite**	**GS2**									
several cm to dm thick irregular dykes of red granite intruding basalt.													
469.50	**470.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
470.50	**471.25**	**I3A**	**Granite**	**GS2**									
several cm to dm thick irregular dykes of red granite intruding basalt.													
471.25	**479.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Alt: 473.8 - 474.4: moderate Epidote / moderate K-feldspar / complete Calcite>> Fracture filling red coloration, locally pervasive along the fractures.Extreme calcite replacement, with epidote and chloritized amphiboles													
<<Alt: 474.4 - 482.5: moderate Epidote / moderate K-feldspar>> Fracture filling red coloration, locally pervasive along the fractures, up to 10%													
479.50	**479.70**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
479.70	**482.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
482.50	**482.90**	**I3A**	**Granite**	**GS2**									
several cm to dm thick irregular dykes of red granite intruding basalt.													
<<Alt: 482.5 - 496.25: moderate Epidote>>													
482.90	**485.00**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Struc: 483 - 485: Shistosity 60 deg. >> weak schistosity													
485.00	**485.50**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
485.50	**486.10**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Struc: 485.5 - 496.4: Shistosity 60 deg. >> weak schistosity													
486.10	**486.25**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion													
486.25	**496.40**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Alt: 496.25 - 496.4: strong Silicification / moderate Epidote>> quartz brecciation in red colored rock (granitic fragment?)													
496.40	**497.00**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion <<Alt: 496.4 - 497: moderate Epidote>>													
497.00	**497.40**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Alt: 497 - 499.45: moderate Epidote / moderate K-feldspar>> Fracture filling red coloration, locally pervasive along the fractures.													
497.40	**497.70**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion <<Vein: 497.5 - 497.55: Quartz vein contain >90% quartz>> White quartz vein in broken core.													
497.70	**499.45**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
499.45	**500.00**	**I3A**	**Granite**	**GS2**									
Red granitic massive homogeneous intrusion <<Alt: 499.45 - 501.2: moderate Epidote>>													
500.00	**501.20**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Struc: 500.4 - 501.2: Shistosity 50 deg. >> Moderate to strong schistosity.													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			501.20	502.50	1.30	337286	0.0025				
501.20	**502.00**	**I3A Granite GS2** Red granitic massive homogeneous intrusion <<Alt: 501.2 - 510.4: moderate Epidote / moderate Silicification>> 1-5% quartz veinlets, irregular, milky to grey, troughout the interval. Locally pervasive aspect.									
502.00	**502.15**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.									
502.15	**504.70**	**I3A Granite GS2** Red granitic massive homogeneous intrusion									
			502.50	503.50	1.00	337287	0.0025				
			503.50	504.70	1.20	337288	0.0025				
			504.70	505.60	0.90	337289	0.0025				
504.70	**505.60**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.									
			505.60	507.00	1.40	337290	0.0025				
505.60	**510.40**	**I3A Granite GS2** Red granitic massive homogeneous intrusion	507.00	508.50	1.50	337292	0.0025				
			508.50	509.90	1.40	337293	0.0025				
			509.90	510.40	0.50	337294	0.0025				
510.40	**511.80**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts. <<Alt: 510.4 - 523.7: moderate Epidote>>									
511.80	**512.10**	**I3A Granite GS3** Red granitic massive homogeneous intrusion									
512.10	**513.10**	**E1A Basalt GS1** Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.									

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
513.10	**513.80**	**I3A**	**Granite**	**GS2**									
Pale colored massive fine to medium grained homogeneous dyke.													
513.80	**519.90**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
519.90	**520.00**	**I3A**	**Granite**	**GS3**									
Pegmatitic red dyke of granitic material.													
520.00	**520.20**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
520.20	**521.00**	**I3A**	**Granite**	**GS3**									
521.00	**523.70**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
523.70	**525.05**	**I3A**	**Granite**	**GS2**									
525.05	**527.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Vein: 526.55 - 526.7: with sulphides>> white quartz vein with basalts slivers, 1% disseminated Cpy													
527.50	**528.05**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive.													
528.05	**528.50**	**I3A**	**Granite**	**GS2**									
528.50	**528.80**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
528.80	**530.40**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive.													
530.40	**531.00**	**I3A**	**Granite**	**GS2**									
531.00	**531.20**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
531.20	**533.00**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
533.00	**533.25**	**I1**	**Mafic intrusive**	**GS2**									
Green chlorite rich mafic intrusive.													
533.25	**533.70**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
533.70	**533.95**	**I1**	**Mafic intrusive**	**GS2**									
Green chlorite rich mafic intrusive.													
533.95	**535.70**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
535.70	**535.80**	**I1**	**Mafic intrusive**										
Green chlorite rich mafic intrusive.													
535.80	**538.15**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
538.15	**538.50**	**I1**	**Mafic intrusive**										
Green chlorite rich mafic intrusive.													
538.50	**539.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
539.50	**540.00**	**I3A**	**Granite**	**GS2**									
Red granitic intrusion.													
540.00	**540.30**	**I1**	**Mafic intrusive**										
Green chlorite rich mafic intrusive.													
540.30	**548.15**	**I3S**	**Feldspar porphyry**	**GS3**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.													
548.15	**548.35**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
548.35	**548.55**	**I1**	**Mafic intrusive**										
Green chlorite rich mafic intrusive.													
548.55	**549.00**	**I3S**	**Feldspar porphyry**	**GS3**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.													
549.00	**549.15**	**I3A**	**Granite**	**GS2**									
Red granitic intrusion													
549.15	**549.75**	**I3S**	**Feldspar porphyry**	**GS3**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.													
549.75	**549.95**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive.													
549.95	**550.50**	**I3A**	**Granite**	**GS2**									
Red granitic intrusion.													
550.50	**551.00**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive.													
551.00	**551.70**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Alt: 551 - 551.7: moderate Epidote>>													
551.70	**552.00**	**I3S**	**Feldspar porphyry**	**GS2**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.													
552.00	**553.40**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive.													
553.40	**555.50**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
555.50	**559.00**	**I1A**	**Gabbro**	**GS2**									
Hornblend + pink red plagioclase rich coarse grained intrusive. First 50 cm are subophitic textured.													
559.00	**564.60**	**E1A**	**Basalt**	**GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.													
<<Alt: 559 - 564.9: strong Epidote>>													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 562.9 - 562.95: Quartz vein contain >90% quartz>> white quartz vein. Associated with epidote stockworks.											
564.60	**566.20**	**I1 Mafic intrusive GS2**									
Green chlorite rich mafic intrusive.											
566.20	**566.90**	**E1A Basalt GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.											
566.90	**570.80**	**I1 Mafic intrusive GS2**									
Green chlorite rich mafic intrusive.											
570.80	**573.00**	**E1A Basalt GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.											
573.00	**573.30**	**I1 Mafic intrusive GS2**									
Green chlorite rich mafic intrusive.											
573.30	**576.00**	**E1A Basalt GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.											
576.00	**576.10**	**I1 Mafic intrusive GS2**									
Green chlorite rich mafic intrusive.											
576.10	**589.00**	**E1A Basalt GS1**									
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.											
<<Alt: 577.15 - 595.3: moderate Epidote>>											
589.00	**590.65**	**I3S Feldspar porphyry GS2**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.											
590.65	**596.60**	**E1A Basalt GS1**	594.00	595.20	1.20	337295	0.007				
Green basalt with mostly homogeneous texture, plagioclases are visibles and replaced by epidote. Locally contains <5% millimetric feldspar phenocrysts.											
<<Min: 595.3 - 595.65: 2% pyrite>>			595.20	595.70	0.50	337296	0.0025				
<<Alt: 595.3 - 595.65: moderate Epidote / strong K-feldspar / strong Silicification>> Pervasive silicification with Py and red colored argilesPervasive silicification with Py and red colored argiles			595.70	596.60	0.90	337297	0.0025				
<<Alt: 595.65 - 600: moderate Epidote>>											

Hole: PAC-20-021

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
596.60	**597.90**	**I3A**	**Granite**	**GS2**									
Red granitic intrusion													
					596.60	597.90	1.30	337298	0.0025				
					597.90	598.70	0.80	337299	0.0025				
597.90	**598.70**	**I3S**	**Feldspar porphyry**	**GS2**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.													
					598.70	600.00	1.30	337300	0.007				
598.70	**599.70**	**I3A**	**Granite**	**GS2**									
Pink granitic intrusive.													
599.70	**600.00**	**I3S**	**Feldspar porphyry**	**GS2**									
Grey porphyritic feldspar rich intrusive, possibly intermediate composition.													

End of Hole @ 600

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-022

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-03-05	**Core Size:**	NQ
UTM East:	437691.72	**Azimuth:**	203	**Date Completed:**	2020-03-11	**Casing Pulled?:**	☐
UTM North:	5642295.34	**Dip:**	-51	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	441.07	**Length (m):**	483	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-51.1	203			57505	☑	
15	Reflex			-51.4	202.8			57298	☑	
21	Reflex			-51.3	202.8			57158	☑	
24	Reflex			-51.4	202.6			57095	☑	
27	Reflex			-51.3	202.7			57106	☑	
30	Reflex			-51.3	202.9			57104	☑	
33	Reflex			-51.3	202.7			57053	☑	
36	Reflex			-51.3	202.5			57078	☑	
39	Reflex			-51.1	202.8			57078	☑	
42	Reflex			-51.1	202.5			57056	☑	
51	Reflex			-50.9	202.8			57045	☑	
54	Reflex			-50.9	202.6			57071	☑	
57	Reflex			-50.9	202.6			57051	☑	

Hole: PAC-20-022

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
60	Reflex			-50.9	202.8			57050	☑	
63	Reflex			-50.9	202.8			57067	☑	
72	Reflex			-50.8	202.8			57065	☑	
75	Reflex			-50.8	202.5			57066	☑	
78	Reflex			-50.8	202.6			57054	☑	
81	Reflex			-50.8	202.7			57054	☑	
84	Reflex			-50.7	202.6			57045	☑	
90	Reflex			-50.7	202.7			57087	☑	
93	Reflex			-50.7	202.8			56969	☑	
96	Reflex			-50.6	202.9			57017	☑	
99	Reflex			-50.6	203			57063	☑	
102	Reflex			-50.5	203.1			57045	☑	
105	Reflex			-50.5	202.9			57065	☑	
108	Reflex			-50.6	203			57045	☑	
111	Reflex			-50.5	203.2			57062	☑	
114	Reflex			-50.5	203.2			57071	☑	
117	Reflex			-50.4	203.1			57073	☑	
120	Reflex			-50.5	202.7			57069	☑	
123	Reflex			-50.3	202.9			57009	☑	
126	Reflex			-50.3	202.8			57030	☑	
129	Reflex			-50.2	202.5			57021	☑	
132	Reflex			-50.2	202.9			57049	☑	
135	Reflex			-50.1	202.8			57111	☑	
138	Reflex			-50	202.8			57016	☑	

Hole: PAC-20-022

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
141	Reflex			-50	202.8			57019	☑	
144	Reflex			-49.9	202.9			57032	☑	
147	Reflex			-49.9	202.9			57050	☑	
150	Reflex			-49.9	202.8			57037	☑	
153	Reflex			-49.9	202.6			57051	☑	
156	Reflex			-49.9	202.8			57042	☑	
159	Reflex			-49.9	203.1			57034	☑	
162	Reflex			-49.9	203			57042	☑	
165	Reflex			-49.8	203			57035	☑	
168	Reflex			-49.8	203.1			57041	☑	
171	Reflex			-49.8	202.8			57078	☑	
174	Reflex			-49.8	202.7			57065	☑	
177	Reflex			-49.8	203			57045	☑	
180	Reflex			-49.7	203.1			57065	☑	
183	Reflex			-49.8	203.1			57051	☑	
186	Reflex			-49.8	203.1			57056	☑	
189	Reflex			-49.7	203.1			57060	☑	
192	Reflex			-49.7	203			57047	☑	
195	Reflex			-49.7	203			57059	☑	
198	Reflex			-49.7	203			57053	☑	
201	Reflex			-49.7	203.1			57056	☑	
204	Reflex			-49.6	203.3			57052	☑	
207	Reflex			-49.6	203.6			57061	☑	
210	Reflex			-49.6	203.8			57119	☑	

Hole: PAC-20-022

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
213	Reflex			-49.5	203.7			57068	☑	
216	Reflex			-49.5	203.9			57066	☑	
219	Reflex			-49.5	203.7			57167	☑	
222	Reflex			-49.4	203.7			57096	☑	
225	Reflex			-49.4	204			57048	☑	
228	Reflex			-49.3	204			57048	☑	
231	Reflex			-49.3	204			57070	☑	
234	Reflex			-49.3	204			57045	☑	
237	Reflex			-49.3	203.9			57069	☑	
240	Reflex			-49.2	203.9			57062	☑	
243	Reflex			-49.2	203.9			57053	☑	
249	Reflex			-49.3	204.1			57044	☑	
252	Reflex			-49.2	204.3			57066	☑	
255	Reflex			-49.1	204.3			57060	☑	
258	Reflex			-49.1	204.5			57064	☑	
261	Reflex			-49	204.5			57070	☑	
264	Reflex			-49.1	204.5			57055	☑	
267	Reflex			-49	204.5			57058	☑	
270	Reflex			-49	204.7			57070	☑	
273	Reflex			-49	204.7			57072	☑	
276	Reflex			-49	204.5			57067	☑	
279	Reflex			-49.1	204.6			57074	☑	
282	Reflex			-49.1	204.6			57080	☑	
285	Reflex			-49.1	204.4			57075	☑	

Hole: PAC-20-022

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
288	Reflex			-49.2	204.6			57085	☑	
291	Reflex			-49.3	204.5			57067	☑	
294	Reflex			-49.2	204.4			57083	☑	
297	Reflex			-49.3	204.5			57081	☑	
300	Reflex			-49.3	204.5			57079	☑	
303	Reflex			-49.3	204.5			57087	☑	
306	Reflex			-49.3	204.6			57094	☑	
309	Reflex			-49.3	204.5			57083	☑	
312	Reflex			-49.4	204.3			57083	☑	
315	Reflex			-49.4	204.3			57084	☑	
318	Reflex			-49.4	204.6			57098	☑	
321	Reflex			-49.4	204.2			57067	☑	
324	Reflex			-49.3	204.3			57181	☑	
327	Reflex			-49.3	204.8			57094	☑	
330	Reflex			-49.3	204.6			57094	☑	
333	Reflex			-49.3	204.7			57155	☑	
336	Reflex			-49.2	204.7			57078	☑	
339	Reflex			-49.2	204.5			56931	☑	
342	Reflex			-49.2	204.7			57089	☑	
345	Reflex			-49.2	204.8			57136	☑	
348	Reflex			-49.2	204.6			57119	☑	
354	Reflex			-49.1	204.8			57142	☑	
357	Reflex			-49.1	204.7			57118	☑	
360	Reflex			-49.1	204.9			57136	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
363	Reflex			-49.1	204.7			57146	☑	
366	Reflex			-49	204.6			57214	☑	
369	Reflex			-49	204.8			57036	☑	
372	Reflex			-49	204.8			57171	☑	
375	Reflex			-48.9	204.8			57095	☑	
378	Reflex			-48.8	205			57134	☑	
381	Reflex			-48.8	205.1			57010	☑	
384	Reflex			-48.7	204.8			57053	☑	
387	Reflex			-48.7	205			57146	☑	
390	Reflex			-48.6	204.8			57229	☑	
393	Reflex			-48.6	205.3			57105	☑	
396	Reflex			-48.6	205.3			57114	☑	
399	Reflex			-48.5	205.3			57127	☑	
402	Reflex			-48.5	205.2			57138	☑	
405	Reflex			-48.5	205.2			56986	☑	
408	Reflex			-48.4	205.2			56951	☑	
411	Reflex			-48.3	204.9			56923	☑	
414	Reflex			-48.3	205.2			57225	☑	
417	Reflex			-48.4	205.4			57167	☑	
420	Reflex			-48.3	204.8			57179	☑	
423	Reflex			-48.3	205.3			57135	☑	
426	Reflex			-48.4	205.3			57141	☑	
429	Reflex			-48.3	205.2			57136	☑	
432	Reflex			-48.3	205.4			57108	☑	

Hole: PAC-20-022

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
435	Reflex			-48.3	204.9			57234	☑	
438	Reflex			-48.2	205.2			57089	☑	
441	Reflex			-48.1	205.2			57174	☑	
444	Reflex			-48.1	205.2			57090	☑	
447	Reflex			-48.1	205.4			57156	☑	
450	Reflex			-48.2	205			57095	☑	
453	Reflex			-48.1	205.1			57123	☑	
456	Reflex			-48	205.1			57116	☑	
459	Reflex			-47.9	205.2			57095	☑	
462	Reflex			-47.9	205.1			57090	☑	
465	Reflex			-47.9	205.1			57042	☑	
468	Reflex			-47.8	205.5			57019	☑	
471	Reflex			-47.8	205.3			57077	☑	
474	Reflex			-47.8	205.4			56917	☑	
477	Reflex			-47.8	205.3			57041	☑	
480	Reflex			-47.8	205.3			57038	☑	
483	Reflex			-47.8	205.3			57031	☑	

Hole: PAC-20-022

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.05**	**OB**	**Overburden**										
3.05	**4.67**	**E1A**	**Basalt**	**GS1**									
Fine grained heterogeneous dark grey to medium bleached green basalt. Mottled and pervasive chlorite alteration. No distinct structure. Little to no quartz veining.													
4.67	**4.92**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Irregular, non planar contacts													
4.92	**9.50**	**E1A**	**Basalt**	**GS1**									
Fine grained heterogeneous dark grey to medium bleached green basalt. Mottled and pervasive chlorite alteration. No distinct structure. Little to no quartz veining.													
9.50	**10.70**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
10.70	**22.89**	**E1A**	**Basalt**	**GS1**									
Fine grained heterogeneous dark grey to medium bleached green basalt. Mottled and pervasive chlorite alteration. No distinct structure. Little to no quartz veining.													
<<Alt: 15 - 15.2: strong Silicification>>													
<<Alt: 21.4 - 22.35: moderate Epidote>>													
<<Vein: 11.47 - 11.49: Quartz vein contain >90% quartz>> Light grey, vitreous													
					20.00	21.00	1.00	337301	0.006				
					21.00	22.00	1.00	337302	0.015				
					22.00	22.90	0.90	337303	0.0025				
22.89	**23.52**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
23.52	**23.69**	**E1A**	**Basalt**	**GS1**									
Fine grained heterogeneous dark grey to medium bleached green basalt. Mottled and pervasive chlorite alteration. No distinct structure. Little to no quartz veining.													
23.69	**24.04**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
24.04	**28.50**	**E1A**	**Basalt**	**GS1**									
Fine grained heterogeneous dark grey to medium bleached green basalt. Mottled and pervasive chlorite alteration. No distinct structure. Little to no quartz veining.													
<<Alt: 26.8 - 27.95: strong K-feldspar>>													
<<Alt: 27.95 - 28: strong K-feldspar / strong Silicification>>													
<<Alt: 28 - 28.1: strong Silicification>>													

Hole: PAC-20-022

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
28.50	**30.03**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Orange-pink coarse grained granitic intrusion with pegmatitic features. Orange-pink likely from kspar and not hematite, seems more crystaline.													
30.03	**32.67**	**E1A**	**Basalt**	**GS1**									
As surrounding basalt.													
<<Alt: 31 - 32.6: moderate Epidote / moderate K-feldspar>>													
32.67	**36.40**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Orange-pink coarse grained granitic intrusion with pegmatitic features. Orange-pink likely from kspar and not hematite, seems more crystaline.													
36.40	**66.44**	**E1A**	**Basalt**	**GS1**	62.50	64.00	1.50	337304	0.0025				
Fine grained heterogeneous dark grey to grey-green basalt. Basalt is on the siliceous side. Hairline fractures with epidote and potassic alteration. Fine disseminated chlorite throughout obscurring texture. Weak localized fine to medium grained euhedral p													
<<Alt: 50 - 64.05: moderate Epidote / moderate K-feldspar>>					64.00	65.00	1.00	337305	0.008				
<<Alt: 64.05 - 64.55: moderate Epidote / moderate K-feldspar / intense Silicification>>					65.00	66.50	1.50	337306	0.0025				
<<Alt: 64.55 - 65.85: moderate Epidote / moderate K-feldspar>>													
<<Alt: 65.85 - 66.2: moderate Epidote / moderate K-feldspar / strong Silicification>>													
<<Alt: 66.2 - 73: moderate Epidote / moderate K-feldspar>>													
<<Vein: 50.14 - 50.15: Quartz vein contain >90% quartz>> Light grey, vitreous, chlorite and potassic alt proximal to vein													
<<Vein: 60.15 - 60.55: Quartz vein contain >90% quartz>> Brecciating quartz mass/alteration													
<<Struc: 60.15 - 60.55: Breccia>> Smalll quartz breccia flooding interval													
66.44	**66.74**	**I3A1**	**Alkali Feldspar Granite**	**GS3**	66.50	68.00	1.50	337307	0.0025				
66.74	**69.05**	**E1A**	**Basalt**	**GS1**									
Fine grained heterogeneous dark grey to grey-green basalt. Basalt is on the siliceous side. Hairline fractures with epidote and potassic alteration. Fine disseminated chlorite throughout obscurring texture. Weak localized fine to medium grained euhedral p													
<<Vein: 68.35 - 68.7: Quartz vein contain >90% quartz>> Thin network of light grey quartz veinlets, unmineralized, late													
					68.00	69.00	1.00	337308	0.0025				
					69.00	70.50	1.50	337309	0.016				
69.05	**69.55**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
69.55	**71.70**	**E1A Basalt**	**GS1**	70.50	72.00	1.50	337310	0.0025				
Fine grained heterogeneous dark grey to grey-green basalt. Basalt is on the siliceous side. Hairline fractures with epidote and potassic alteration. Fine disseminated chlorite throughout obscurring texture. Weak localized fine to medium grained euhedral p												
71.70	**72.05**	**I3A1 Alkali Feldspar Granite**	**GS3**									
				72.00	73.50	1.50	337311	0.0025				
72.05	**74.50**	**E1A Basalt**	**GS1**	73.50	75.00	1.50	337312	0.0025				
Fine grained heterogeneous dark grey to grey-green basalt. Basalt is on the siliceous side. Hairline fractures with epidote and potassic alteration. Fine disseminated chlorite throughout obscurring texture. Weak localized fine to medium grained euhedral p												
<<Alt: 73 - 76: moderate Epidote / moderate K-feldspar / strong Silicification>>												
<<Vein: 72.3 - 72.45: Quartz vein contain >90% quartz>> Thin network of light grey quartz veinlets, unmineralized, late												
<<Vein: 73 - 73.15: Quartz vein contain >90% quartz>> Thin network of light grey quartz veinlets, unmineralized, late												
<<Vein: 73.6 - 74.5: Quartz vein contain >90% quartz>> Thin network of light grey quartz veinlets, unmineralized, late												
74.50	**74.98**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Chlorite alteration in fractures												
<<Vein: 74.9 - 75.3: Quartz vein contain >90% quartz>> Thin network of light grey quartz veinlets, unmineralized, late												
74.98	**98.04**	**E1A Basalt**	**GS1**	75.00	76.50	1.50	337313	0.0025				
Fine grained heterogeneous dark grey to grey-green basalt. Basalt is on the siliceous side. Hairline fractures with epidote and potassic alteration. Fine disseminated chlorite throughout obscurring texture. Weak localized fine to medium grained euhedral p												
<<Alt: 76 - 76.2: strong Epidote / moderate K-feldspar / strong Silicification>>				76.50	78.00	1.50	337314	0.0025				
<<Alt: 76.2 - 89: strong Epidote / moderate K-feldspar>>				78.00	79.50	1.50	337315	0.0025				
<<Alt: 89 - 93: moderate Epidote / moderate K-feldspar>>				79.50	81.00	1.50	337316	0.0025				
<<Alt: 93 - 98: moderate K-feldspar>>				81.00	82.50	1.50	337317	0.0025				
<<Vein: 77.15 - 77.2: Quartz vein contain >90% quartz>> White unmineralized				82.50	84.00	1.50	337318	0.0025				
<<Vein: 78.35 - 78.38: Quartz vein contain >90% quartz>> White unmineralized				84.00	85.00	1.00	337319	0.005				
<<Vein: 79.25 - 79.7: Quartz vein contain >90% quartz>> Unorganized brecciating white stockwork				85.00	86.00	1.00	337321	0.02				
<<Vein: 80.1 - 80.4: Quartz vein contain >90% quartz>> Weakly oriented qv stockwork				86.00	87.00	1.00	337322	0.008				
<<Vein: 82.65 - 82.8: Quartz vein contain >90% quartz>> Thin unorganized stw												
<<Vein: 85.25 - 85.7: Quartz vein contain >90% quartz>> Stronger stockwork with Fuchsite												

Hole: PAC-20-022

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 75.8 - 76.2: Breccia>> Healed and silicified breccia zone													
98.04	**103.45**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion. Interval is dominated by chlorite and biotite. Less feldspar is light orange from potassium or hematite. Small patches of fine to medium grained euhedral pyrite.													
<<Struc: 101.3 - 101.7: strong Fault>> Run is missing 0.4m TCR and there is intense brown fault gauge, likely washed away during drilling.													
103.45	**114.20**	**E1A**	**Basalt**	**GS1**									
Grey-green orange fine grained basalt. Basalt is likely closer to andesite. Plagioclase amygdules throughout, potassic and epidote alteration throughout. Core is somewhat fractured, close to no quartz veining or mineralization.													
<<Alt: 106 - 110: moderate Epidote / strong K-feldspar>>													
<<Alt: 110 - 111: intense K-feldspar / moderate Epidote>>													
<<Alt: 111 - 118: moderate Epidote / strong K-feldspar>>													
<<Vein: 105.2 - 105.23: Quartz vein contain >90% quartz>> Irregular late white opaque qv													
<<Vein: 109.3 - 109.33: Quartz vein contain >90% quartz>> Late brecciating qv													
<<Vein: 110.3 - 110.32: Quartz vein contain >90% quartz>> Late brecciating qv													
					103.50	105.00	1.50	337323	0.0025				
					105.00	106.50	1.50	337324	0.0025				
					106.50	108.00	1.50	337325	0.0025				
					108.00	109.00	1.00	337326	0.0025				
					109.00	110.00	1.00	337327	0.0025				
					110.00	111.50	1.50	337328	0.0025				
					111.50	113.00	1.50	337329	0.0025				
					113.00	114.50	1.50	337330	0.0025				
114.20	**114.70**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
					114.50	116.00	1.50	337331	0.0025				
114.70	**118.05**	**E1A**	**Basalt**	**GS1**									
Grey-green orange fine grained basalt. Basalt is likely closer to andesite. Plagioclase amygdules throughout, potassic and epidote alteration throughout. Core is somewhat fractured, close to no quartz veining or mineralization.													
<<Vein: 115.8 - 115.83: Quartz vein contain >90% quartz>> Late qv with alteration													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
118.05	**122.00**	**I2**	**Intermediate intrusive**	**GS1**									
Medium-dark grey fine grained intermediate volcanic/intrusion. Distinct upper and lower contacts but unclear if it's an intrusion. No subrounded feldspar crystals and much less altered than surrounding basalt/andesite. Medium grained green chlorite crysta													
122.00	**122.68**	**E1A**	**Basalt**	**GS1**									
As surrounding basalt.													
<<Vein: 122.65 - 122.68: Quartz vein contain >90% quartz>> Late brecciating qv													
122.68	**124.40**	**I2**	**Intermediate intrusive**	**GS1**									
Medium-dark grey fine grained intermediate volcanic/intrusion. Distinct upper and lower contacts but unclear if it's an intrusion. No subrounded feldspar crystals and much less altered than surrounding basalt/andesite. Medium grained green chlorite crysta													
124.40	**131.50**	**E1A**	**Basalt**	**GS1**									
Grey orange basalt/andesite. Subrounded feldspar crystals throughout interval. Background siliceous alteration, pervasive diffuse potassic alteration, original texture is difficult to make out. Small black hairline fractures filled with chlorite(?)													
<<Alt: 125 - 131.5: strong K-feldspar>>													
131.50	**133.10**	**I3A1**	**Alkali Feldspar Granite**										
Difficult to tell if interval is an Kspar rich intrusion of if the original basalt has been intensely altered with distinct alteration terminations													
<<Alt: 131.5 - 132: intense K-feldspar>>													
<<Alt: 132 - 135: strong Epidote / intense K-feldspar>>													
133.10	**133.29**	**E1A**	**Basalt**	**GS1**									
Grey orange basalt/andesite. Subrounded feldspar crystals throughout interval. Background siliceous alteration, pervasive diffuse potassic alteration, original texture is difficult to make out. Small black hairline fractures filled with chlorite(?)													
133.29	**133.56**	**I3A1**	**Alkali Feldspar Granite**										
Difficult to tell if interval is an Kspar rich intrusion of if the original basalt has been intensely altered with distinct alteration terminations													
133.56	**138.75**	**E1A**	**Basalt**	**GS1**									
Grey orange basalt/andesite. Subrounded feldspar crystals throughout interval. Background siliceous alteration, pervasive diffuse potassic alteration, original texture is difficult to make out. Small black hairline fractures filled with chlorite(?)													
<<Alt: 135 - 135.5: intense K-feldspar>>													
<<Alt: 136.65 - 138.75: strong Silicification>>													
<<Vein: 136.9 - 138.75: Quartz vein contain >90% quartz>> Brecciating quartz mass/stockwork, makes up ~5-10% of interval													

Hole: PAC-20-022

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					134.00	135.50	1.50	337332	0.006				
					135.50	136.90	1.40	337333	0.0025				
					136.90	138.00	1.10	337334	0.0025				
					138.00	139.00	1.00	337335	0.0025				
138.75	**139.90**	**I3A**	**Granite**	**GS3**									
Light orange interval. Likely a granite, feldspar crystals seem rounded, moderate interstitial disseminated epiodte alteration obscurring original texture, distinct contacts.													
139.90	**140.14**	**E1A**	**Basalt**	**GS1**									
Grey orange basalt/andesite. Subrounded feldspar crystals throughout interval. Background siliceous alteration, pervasive diffuse potassic alteration, original texture is difficult to make out. Small black hairline fractures filled with chlorite(?)													
140.14	**142.71**	**I2**	**Intermediate intrusive**	**GS1**									
Dark grey green intermediate volcanic/intrusion. Homogeneous, undeformed, chlorite crystals are typically fine grained . Weak local pervasive kspar alteration.													
142.71	**142.97**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
142.97	**143.32**	**I2**	**Intermediate intrusive**	**GS1**									
Dark grey green intermediate volcanic/intrusion. Homogeneous, undeformed, chlorite crystals are typically fine grained . Weak local pervasive kspar alteration.													
143.32	**143.52**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
143.52	**144.80**	**I2**	**Intermediate intrusive**	**GS1**									
Dark grey green intermediate volcanic/intrusion. Homogeneous, undeformed, chlorite crystals are typically fine grained . Weak local pervasive kspar alteration.													
144.80	**149.00**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Orange medium grained kspar rich intrusion(s) with small intervals of basalt contained within bounds.													
149.00	**155.80**	**E2**	**Intermediate**	**GS1**									
Grey and orange intermediate volcanic (likely). Floating weakly alignedsubrounded plagioclase crystals. Matrix has been so altered it is obscured and difficult to make out. Patchy potassic alteration throughout. Originial mineral makeup difficult to make													
<<Alt: 149 - 150: moderate Epidote / moderate K-feldspar>>													
<<Alt: 150 - 159: moderate K-feldspar>>													
<<Vein: 149.8 - 149.84: Quartz vein contain >90% quartz>> Late brecciating qv													

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
155.80	**157.24**	**I1 Mafic intrusive**	**GS1**									
Green fine grained mafic intrusion with fine disseminated euhedral pyrite mineralization. Very weakly veined and weakly altered.												
157.24	**161.00**	**E2 Intermediate**	**GS1**									
Grey and orange intermediate volcanic (likely). Floating weakly alignedsubrounded plagioclase crystals. Matrix has been so altered it is obscured and difficult to make out. Patchy potassic alteration throughout. Originial mineral makeup difficult to make												
<<Alt: 159 - 161.5: strong K-feldspar>>												
161.00	**167.78**	**I3A Granite**	**GS2**	161.00	162.50	1.50	337336	0.0025				
Green and orange intensely altered granitic intrusion. Strong epidote alteration throughout and strong kspar alteration further obscuring alteration. Kspar alteration is often aphanitic and replacing. Many subrounded kspar clasts. Difficult to say if they												
<<Alt: 161.5 - 166.5: strong Epidote / strong K-feldspar>>				162.50	164.00	1.50	337337	0.0025				
<<Alt: 166.5 - 169: moderate Epidote / strong K-feldspar>>				164.00	165.50	1.50	337338	0.0025				
<<Vein: 161.1 - 161.35: Quartz vein contain >90% quartz>>		Small qv stw, unmineralized		165.50	167.00	1.50	337339	0.0025				
<<Vein: 163.4 - 163.85: Quartz vein contain >90% quartz>>		~5% of interval, brecciating		167.00	168.50	1.50	337341	0.012				
<<Vein: 166.7 - 167.25: Quartz vein contain >90% quartz>>		<5%										
167.78	**168.30**	**I3A1 Alkali Feldspar Granite**	**GS3**									
168.30	**168.94**	**I3A Granite**	**GS2**	168.50	170.00	1.50	337342	0.0025				
Green and orange intensely altered granitic intrusion. Strong epidote alteration throughout and strong kspar alteration further obscuring alteration. Kspar alteration is often aphanitic and replacing. Many subrounded kspar clasts. Difficult to say if they												
168.94	**169.26**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Distinct quartz components.												
<<Alt: 169 - 174.5: moderate Epidote / moderate K-feldspar>>												
169.26	**177.17**	**I3A Granite**	**GS2**									
Green and orange intensely altered granitic intrusion. Strong epidote alteration throughout and strong kspar alteration further obscuring alteration. Kspar alteration is often aphanitic and replacing. Many subrounded kspar clasts. Difficult to say if they												
<<Min: 175 - 199: 0.5% pyrite>>		Patchy, euhedral										
<<Alt: 174.5 - 175: strong Epidote / moderate K-feldspar>>												
<<Alt: 175 - 177.17: strong Epidote / strong K-feldspar>>												

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
177.17	**189.63**	**E2 Intermediate GS1**									
Green and orange intensely altered intermediate volcanic(?). Fine pervasive disseminated epidote, also found in stringers. Potassic alteration is fracture related and has patchy very strong replacement clasts and blebs, aphanitic. Original texture is very											
<<Alt: 177.17 - 181.7: moderate Epidote / moderate K-feldspar>>											
<<Alt: 181.7 - 182: strong Epidote / moderate K-feldspar>>											
<<Alt: 182 - 187: moderate Epidote / moderate K-feldspar>>											
<<Alt: 187 - 189: intense K-feldspar / moderate Epidote>>											
<<Alt: 189 - 203: intense K-feldspar>>											
<<Vein: 187.85 - 187.95: Quartz vein contain >90% quartz>> Brecciating late quartz vein											
<<Vein: 188.8 - 189.25: Quartz vein contain >90% quartz>> <5% quartz veinlet stockwork											
			181.00	182.50	1.50	337343	0.0025				
			182.50	184.00	1.50	337344	0.0025				
			184.00	185.50	1.50	337345	0.0025				
			185.50	187.00	1.50	337346	0.01				
			187.00	188.00	1.00	337347	0.0025				
			188.00	189.50	1.50	337348	0.0025				
189.63	**190.36**	**I3A Granite GS3**									
Difficult to make out crystal size, kspar seems secondary, quartz rich.											
190.36	**190.95**	**E2 Intermediate GS1**									
Green and orange intensely altered intermediate volcanic(?). Fine pervasive disseminated epidote, also found in stringers. Potassic alteration is fracture related and has patchy very strong replacement clasts and blebs, aphanitic. Original texture is very											
190.95	**191.31**	**I3A Granite GS3**									
As above.											
191.31	**203.04**	**E2 Intermediate GS1**									
Green and orange intensely altered intermediate volcanic(?). Fine pervasive disseminated epidote, also found in stringers. Potassic alteration is fracture related and has patchy very strong replacement clasts and blebs, aphanitic. Original texture is very											
203.04	**204.35**	**I3A1 Alkali Feldspar Granite**									
Orange-red AFG intrusion. Select parts are coarse grained, others seem aphanic from further kspar alteration. Hairline fractures throughout with epidote and chlorite. Distinct contacts.											

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From (m)	To (m)	Rock Type & Description
204.35	**205.70**	**E2 Intermediate GS1**
Small intermediate volcanic lens between AFG intrusion(s)		
<<Struc: 204.35 - 204.4: weak Fault 45 deg. >> Small faulting in weakened breccia		
<<Struc: 204.4 - 204.5: Breccia>>		
<<Struc: 205.5 - 205.65: Breccia>>		
<<Struc: 205.65 - 205.7: weak Fault 30 deg. >> Small faulting in weakened breccia		
205.70	**209.23**	**I3A1 Alkali Feldspar Granite**
Orange-red AFG intrusion. Select parts are coarse grained, others seem aphanic from further kspar alteration. Hairline fractures throughout with epidote and chlorite. Distinct contacts.		
209.23	**244.46**	**E2 Intermediate GS1**
Orange and green intermediate volcanic (likely). Pervasive potassic alteration throughout, often completetly replacing original rock, aphanitic. Aphanitic kspar clasts are subrounded and often fractured. Black chlorite stringers throughout accentuating br		
<<Alt: 218 - 222.8: intense K-feldspar / strong Chlorite>> Patches of aphanitic replacement ksparBlack chlorite in breccia fractures		
<<Alt: 222.8 - 223: intense K-feldspar / moderate Hematitic>> Patches of aphanitic replacement kspar		
<<Alt: 223 - 231: intense K-feldspar / strong Chlorite>> Patches of aphanitic replacement ksparBlack chlorite in breccia fractures		
<<Alt: 231 - 234.3: strong K-feldspar / strong Chlorite>> Black chlorite in breccia fractures		
<<Alt: 234.3 - 234.9: strong K-feldspar / moderate Hematitic>>		
<<Alt: 234.9 - 240.5: strong K-feldspar / strong Chlorite>> Black chlorite in breccia fractures		
<<Alt: 240.5 - 241: strong K-feldspar / moderate Hematitic>>		
<<Alt: 241 - 244.5: intense K-feldspar / moderate Hematitic>>		
<<Vein: 230.2 - 231: Quartz-Carbonate vein contain 10-90% quartz>> ~10 qv, trace carbonate		
<<Struc: 209.23 - 209.8: Breccia>>		
<<Struc: 217.8 - 235.75: Breccia>> Large brecciated interval. Components are subrounded and interstitial space is filed with chlorite. Healed breccia.		
<<Struc: 241 - 244.5: Breccia>> Healed breccia		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
204.30	205.50	1.20	337349	0.0025				
205.50	207.00	1.50	337350	0.0025				
207.00	208.50	1.50	337351	0.0025				
208.50	210.00	1.50	337352	0.0025				
210.00	211.50	1.50	337353	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					211.50	213.00	1.50	337354	0.0025				
					213.00	214.50	1.50	337355	0.0025				
					229.50	231.00	1.50	337356	0.0025				
					231.00	232.50	1.50	337357	0.0025				
					232.50	234.00	1.50	337358	0.0025				
					234.00	235.50	1.50	337359	0.0025				
					235.50	237.00	1.50	337361	0.011				
					237.00	238.50	1.50	337362	0.006				
					238.50	240.00	1.50	337363	0.0025				
					240.00	241.50	1.50	337364	0.0025				
					241.50	243.00	1.50	337365	0.0025				
					243.00	244.50	1.50	337366	0.0025				
244.46	**248.50**	**E2**	**Intermediate**	**GS1**	244.50	246.00	1.50	337367	0.006				
As above (likely) with stronger hematite alreation, introduction of fault gauge and very poor core recovery.													
<<Alt: 244.5 - 255: moderate Hematitic / moderate K-feldspar>>					246.00	247.50	1.50	337368	0.007				
<<Struc: 244.5 - 246.5: moderate Fault>> Rubbled interval with ample fault gouge.					247.50	249.00	1.50	337369	0.005				
<<Struc: 246.5 - 249: Breccia>> Rubbled interval with competent pieces.													
248.50	**263.92**	**I3A**	**Granite**	**GS1**	249.00	250.50	1.50	337370	0.0025				
Grey and dark red/purple granitic intrusion. Intrusion has been strongly hematized, brecciated and altered by late quartz stockwork. First half of interval has very poor core recovery and intervals entirely made of fault gouge holding together brecciated													
<<Alt: 255 - 260: moderate K-feldspar / moderate Silicification / moderate Hematitic>>					250.50	252.00	1.50	337371	0.0025				
<<Alt: 260 - 264.5: moderate K-feldspar / intense Silicification / moderate Hematitic>>					252.00	253.50	1.50	337372	0.006				
<<Vein: 248.5 - 260: Quartz vein contain >90% quartz>> Quartz vein stockwork brecciating interval, broken angular clasts of quartz suspended in gauge/healed material					253.50	255.00	1.50	337373	0.0025				
<<Vein: 260 - 265: Quartz vein contain >90% quartz>> Quartz vein stockwork with intense siliceous alteration bleeding out from it.					255.00	256.50	1.50	337374	0.0025				
<<Struc: 249 - 256: strong Fault>> Unit is dominated by fault gauge. Gauge is holding together more competent clasts. Lots of core loss.					256.50	258.00	1.50	337375	0.0025				
<<Struc: 256 - 259.7: Breccia>> Quartz stockwork altering and brecciating interval.					258.00	259.50	1.50	337376	0.0025				
<<Struc: 259.7 - 260: moderate Fault>> Broken interval with ample fault gauge.					259.50	261.00	1.50	337377	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 260 - 264: Breccia>> Quartz stockwork altering and brecciating interval.	261.00	262.50	1.50	337378	0.007				
			262.50	264.00	1.50	337379	0.0025				
263.92	**265.61**	**E2 Intermediate GS1**	264.00	265.50	1.50	337381	0.029				
		Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.									
		<<Min: 265.4 - 265.55: 2% pyrite>>	265.50	267.00	1.50	337382	0.0025				
		<<Alt: 264.5 - 265.3: moderate Hematitic / moderate K-feldspar>>									
		<<Alt: 265.3 - 312.12: moderate K-feldspar>>									
265.61	**266.49**	**I3A1 Alkali Feldspar Granite GS2**									
		Kspar rich intrusion with probable hematite staining									
266.49	**270.15**	**E2 Intermediate GS1**									
		Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.									
		<<Vein: 266.7 - 267: Quartz vein contain >90% quartz>> Umineralized									
			267.00	268.50	1.50	337383	0.011				
			268.50	270.00	1.50	337384	0.0025				
			270.00	271.50	1.50	337385	0.0025				
270.15	**270.55**	**I3A1 Alkali Feldspar Granite GS1**									
		Kspar rich intrusion with probable hematite staining									
270.55	**271.70**	**E2 Intermediate GS1**									
		Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.									
		<<Vein: 271.22 - 271.25: Quartz vein contain >90% quartz>> Unmineralized, minor chlorite									
			271.50	273.00	1.50	337386	0.0025				
271.70	**272.20**	**I3A1 Alkali Feldspar Granite GS1**									
		Kspar rich intrusion with probable hematite staining									
272.20	**273.50**	**E2 Intermediate GS1**	273.00	274.50	1.50	337387	0.218				
		Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.									
273.50	**274.48**	**I3A1 Alkali Feldspar Granite GS2**									
		Kspar rich intrusion with probable hematite staining									

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
274.48	**277.60**	**E2**	**Intermediate**	**GS1**	274.50	276.00	1.50	337388	0.008				
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.													
<<Min: 276.3 - 276.4: 2% pyrite>>					276.00	277.50	1.50	337389	0.006				
277.60	**280.80**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Kspar rich intrusion with probable hematite staining													
280.80	**294.79**	**E2**	**Intermediate**	**GS1**									
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.													
<<Struc: 281 - 483: weak Foliation>> Weak foliation with siliceous stringers.													
					282.50	284.00	1.50	337390	0.011				
					284.00	285.50	1.50	337391	0.0025				
					285.50	287.00	1.50	337392	0.01				
294.79	**295.79**	**I3A**	**Granite**	**GS2**									
Massive, homogeneous granitic intrusion.													
295.79	**301.48**	**E2**	**Intermediate**	**GS1**									
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.													
301.48	**301.81**	**I3A**	**Granite**	**GS2**									
Granitic intrusion with additional kspar and hematite alteration. Green alteration in fractures.													
301.81	**306.30**	**E2**	**Intermediate**	**GS1**									
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.													
306.30	**307.00**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Small quartz rich parts.													
307.00	**312.59**	**E2**	**Intermediate**	**GS1**									
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation.													
<<Alt: 312.12 - 312.59: moderate K-feldspar / moderate Silicification>>													
312.59	**313.42**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
<<Alt: 312.59 - 313.42: moderate K-feldspar>>													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
313.42	**314.05**	**E2**	**Intermediate**	**GS1**									
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation. <<Alt: 313.42 - 314: moderate K-feldspar / moderate Silicification>> <<Alt: 314 - 314.68: moderate K-feldspar>>													
314.05	**314.68**	**I1**	**Mafic intrusive**	**GS2**									
Irregular upper contact, resembles a gabbro, older than AFG, crosscut by .2m one.													
314.68	**321.37**	**E2**	**Intermediate**	**GS1**									
Grey-green intermediate volcanic. Often intruded by small seemingly unorganized granitic intrusions, hairline fractures throughout filled with light green alteration mineral. Weak foliation throughout, siliceous stringers parallel to foliation. <<Alt: 314.68 - 314.98: moderate K-feldspar / moderate Silicification>> <<Alt: 314.98 - 320: moderate K-feldspar>>													
321.37	**323.90**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py													
323.90	**324.56**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV, siliceously altered from nearby felsic intrusion, lightening patches giving the appearance of large phenocrysts set in matrix. <<Alt: 324 - 324.56: moderate Silicification>>													
324.56	**326.53**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py													
326.53	**327.03**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV, siliceously altered from nearby felsic intrusion, lightening patches giving the appearance of large phenocrysts set in matrix.													
327.03	**327.19**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py													

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
327.19	**327.41**	**E2 Intermediate GS1** As surrounding ITV, siliceously altered from nearby felsic intrusion, lightening patches giving the appearance of large phenocrysts set in matrix.									
327.41	**327.67**	**I3A1 Alkali Feldspar Granite GS2** Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py									
327.67	**327.94**	**E2 Intermediate GS1** As surrounding ITV, siliceously altered from nearby felsic intrusion, lightening patches giving the appearance of large phenocrysts set in matrix.									
327.94	**328.26**	**I3A1 Alkali Feldspar Granite GS2** Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py									
328.26	**328.65**	**E2 Intermediate GS1** As surrounding ITV, siliceously altered from nearby felsic intrusion, lightening patches giving the appearance of large phenocrysts set in matrix.									
328.65	**329.57**	**I3A1 Alkali Feldspar Granite GS2** Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py									
329.57	**330.50**	**E2 Intermediate GS1** As surrounding ITV, siliceously altered from nearby felsic intrusion, lightening patches giving the appearance of large phenocrysts set in matrix.									
330.50	**334.25**	**I3A1 Alkali Feldspar Granite GS2** Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py	334.00	335.50	1.50	337393	0.012				
334.25	**334.97**	**E3 Felsic volcanics GS1** As surrounding ITV, only much more siliceously altered. <<Alt: 334.25 - 334.87: strong Silicification>>									

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
334.97	**335.93**	**I3A1 Alkali Feldspar Granite**	**GS2**	335.50	337.00	1.50	337394	0.011				
Orange potassic and hematite (likely) stained granitic intrusion. Large variability in textures from medium grained and massive to pegmatitic. Many small lenses of ITV, complicated network of interconnected intrusion fingers. No quartz veining or trace py												
335.93	**338.27**	**E2 Intermediate**	**GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
<<Alt: 335.93 - 337.59: moderate Silicification>>				337.00	338.50	1.50	337395	0.0025				
338.27	**338.81**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Some pegmatitic components				338.50	340.00	1.50	337396	0.0025				
338.81	**341.11**	**E2 Intermediate**	**GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine				340.00	341.50	1.50	337397	0.0025				
341.11	**341.45**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Mostly pegmatitic												
341.45	**343.75**	**E2 Intermediate**	**GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
343.75	**344.10**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Quartz and feldspar pegmatitic components.												
344.10	**348.12**	**E2 Intermediate**	**GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
348.12	**349.30**	**I1 Mafic intrusive**	**GS1**									
Dark green mafic intrusion, irregular upper and lower contacts, distinctly crosscuts foliation of host ITV, little to no structure.												

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
349.30	**352.07**	**E2**	**Intermediate**									
			GS1									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
352.07	**356.30**	**I3A1**	**Alkali Feldspar Granite**									
			GS1									
Red-orange massive medium grained felsic intrusion. Strong potassic and likely some hematite alteration, very little fracturing.												
356.30	**357.56**	**E2**	**Intermediate**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
357.56	**358.20**	**I3A1**	**Alkali Feldspar Granite**									
			GS2									
358.20	**361.65**	**E2**	**Intermediate**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
361.65	**362.70**	**I3A1**	**Alkali Feldspar Granite**									
			GS2									
Wide mixture of textures, aplitic to crystaline and medium grained. Distinct alteration borders. Green alteration hairline fractures.												
362.70	**365.02**	**E2**	**Intermediate**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
365.02	**365.50**	**I3A1**	**Alkali Feldspar Granite**									
			GS3									
Pegmatitic.												
365.50	**367.33**	**E2**	**Intermediate**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
367.33	**367.58**	**I3A1**	**Alkali Feldspar Granite**									
			GS2									
367.58	**369.31**	**E2**	**Intermediate**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
369.31	**395.47**	**I3A**	**Granite** **GS2**									
Large granitoid intrusion. Massive, equigranular, undeformed. Light grey to red/oragne, ranging from quartz tonalite to AFG, potassic component of interval increases linearly with depth. Fine biotite, no mineralization or quartz veining, very little frac												
395.47	**402.75**	**E2**	**Intermediate** **GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
402.75	**403.45**	**I1**	**Mafic intrusive** **GS1**									
Dark green mafic intrusion, contact planes are non parallel. Distinctly crosscuts fabric of surrounding ITV, chlorite and biotite dominated.												
403.45	**405.50**	**E2**	**Intermediate** **GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
405.50	**408.26**	**I3C**	**Granodiorite** **GS2**									
Granitoid intrusion. Ranging from quartz tonalite to AFG, light grey to red/orange. Undeformed, unmineralized, unveined.												
408.26	**410.22**	**I3A1**	**Alkali Feldspar Granite** **GS3**									
Distinct potassic interval within granitoid with distinct pegmatitic components.												
410.22	**411.83**	**I3C**	**Granodiorite** **GS2**									
Granitoid intrusion. Ranging from quartz tonalite to AFG, light grey to red/orange. Undeformed, unmineralized, unveined.												
411.83	**412.71**	**I3A**	**Granite** **GS2**									
Distinct potassic interval within granitoid with distinct pegmatitic components while still being medium grain dominated.												
412.71	**414.42**	**I3C**	**Granodiorite** **GS2**									
Granitoid intrusion. Ranging from quartz tonalite to AFG, light grey to red/orange. Undeformed, unmineralized, unveined.												
414.42	**423.00**	**E2**	**Intermediate** **GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
423.00	**424.77**	**I3A1**	**Alkali Feldspar Granite** **GS2**									

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
424.77	**435.40**	**E2 Intermediate**	**GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
				425.00	426.50	1.50	337398	0.014				
				426.50	428.00	1.50	337399	0.0025				
				428.00	429.50	1.50	337401	0.0025				
				429.50	431.00	1.50	337402	0.0025				
				431.00	432.50	1.50	337403	0.0025				
				432.50	434.00	1.50	337404	0.0025				
				434.00	435.50	1.50	337405	0.015				
435.40	**435.65**	**I1 Mafic intrusive**	**GS1**									
Dark green weakly foliated mafic intrusion.												
				435.50	437.00	1.50	337406	0.005				
435.65	**436.65**	**E2 Intermediate**	**GS1**									
Green-grey intermediate volcanic. Weak consistent foliation throughout made more apparent by siliceous alteration. ITV is especially more potassically and siliceously altered proximal to felsic intrusions and lightening the colour of the rock. Local fine												
436.65	**437.04**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Orange and pink potassic and hematite altered felsic intrusion. Variety of textures, medium grained and pegmatitic.												
437.04	**437.80**	**E2 Intermediate**										
Small lens of ITV between fingers of AFG system nearby												
437.80	**440.10**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Orange and pink potassic and hematite altered felsic intrusion. Variety of textures, medium grained and pegmatitic.												
440.10	**440.60**	**E2 Intermediate**	**GS1**									
Small lens of ITV between fingers of AFG system												
440.60	**444.00**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Orange and pink potassic and hematite altered felsic intrusion. Variety of textures, medium grained and pegmatitic.												
444.00	**445.20**	**E2 Intermediate**	**GS1**									
Small lens of ITV between fingers of AFG system nearby <<Alt: 444 - 445.2: moderate Silicification>>												

Hole: PAC-20-022

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
445.20	**450.54**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Orange and pink potassic and hematite altered felsic intrusion. Variety of textures, medium grained and pegmatitic.												
450.54	**451.40**	**I1 Mafic intrusive**	**GS1**									
Fine grained dark green mafic intrusion, proximal to AFG, likely worked its way through similar structural weakness prior to AFG, undeformed.												
451.40	**452.18**	**E2 Intermediate**	**GS1**									
452.18	**453.65**	**I1 Mafic intrusive**	**GS1**									
Fine grained dark green mafic intrusion, proximal to AFG, likely worked its way through similar structural weakness prior to AFG, undeformed.												
453.65	**454.89**	**E2 Intermediate**	**GS1**									
As surrounding ITV												
454.89	**459.72**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Coarse grained kspar rich granitic intrusion, massive, light green alteration in hairline fractures.												
459.72	**468.66**	**E2 Intermediate**	**GS2**	461.50	463.00	1.50	337407	0.009				
Medium grained granodiorite. Red/pink colour comes from hematite. Crosscut by small pegmatitic veins. Massive.												
<<Min: 460 - 467: 2% pyrite>>				463.00	464.50	1.50	337408	0.0025				
				464.50	466.00	1.50	337409	0.0025				
				466.00	467.50	1.50	337410	0.007				
468.66	**472.11**	**I3C Granodiorite**	**GS1**									
As above intermediate volcanics with increased epidote alteration in late hairline fractures.												
472.11	**476.77**	**E2 Intermediate**	**GS1**									
<<Alt: 473 - 479: moderate Epidote>>												
476.77	**477.56**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Orange and red AFG from kspar and hematite.												
477.56	**479.11**	**E2 Intermediate**	**GS1**									
As surrounding ITV												
479.11	**483.00**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Orange and red AFG from kspar and hematite.												

End of Hole @ 483

Hole: PAC-20-022

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-023

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-03-12	**Core Size:**	NQ
UTM East:	437115.56	**Azimuth:**	28	**Date Completed:**	2020-03-19	**Casing Pulled?:**	☐
UTM North:	5642226.9	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	397	**Length (m):**	495	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
18	Reflex			-50.1	29			57763	☑	
24	Reflex			-50.1	29.2			57545	☑	
30	Reflex			-50.3	29.7			57555	☑	
36	Reflex			-50.2	29.5			57446	☑	
42	Reflex			-50.3	29.6			57381	☑	
48	Reflex			-50.4	29.9			57293	☑	
54	Reflex			-50.3	29.7			57407	☑	
60	Reflex			-50.3	29.5			57333	☑	
66	Reflex			-50.2	29.7			57335	☑	
72	Reflex			-50.2	29.6			57385	☑	
78	Reflex			-50.1	29.8			57351	☑	
84	Reflex			-49.9	29.9			57334	☑	
90	Reflex			-49.9	29.7			57297	☑	

Hole: PAC-20-023

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
96	Reflex			-49.8	29.7			57300	☑	
102	Reflex			-49.8	29.8			57289	☑	
108	Reflex			-49.9	30.2			57291	☑	
114	Reflex			-49.8	30.4			57304	☑	
120	Reflex			-49.9	30.5			57284	☑	
126	Reflex			-49.9	30.8			57288	☑	
132	Reflex			-50	31			57285	☑	
138	Reflex			-49.9	31.1			57302	☑	
144	Reflex			-50	31.5			57283	☑	
150	Reflex			-49.9	31.4			57299	☑	
156	Reflex			-49.9	31.6			57296	☑	
162	Reflex			-49.9	31.9			57291	☑	
168	Reflex			-49.8	32.4			57298	☑	
174	Reflex			-49.8	32.6			57297	☑	
180	Reflex			-49.8	32.7			57301	☑	
186	Reflex			-49.8	32.9			57286	☑	
192	Reflex			-49.9	33.2			57274	☑	
198	Reflex			-49.9	33.4			57295	☑	
204	Reflex			-49.9	33.6			57286	☑	
210	Reflex			-50	33.7			57282	☑	
216	Reflex			-50.1	34			57294	☑	
222	Reflex			-50.2	34.2			57425	☑	
228	Reflex			-50.1	34.5			57371	☑	
234	Reflex			-50.1	34.9			57283	☑	

Hole: PAC-20-023

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
240	Reflex			-50	35			57251	☑	
246	Reflex			-50.1	34.9			57279	☑	
252	Reflex			-50	35.1			57303	☑	
258	Reflex			-49.9	35.2			57316	☑	
264	Reflex			-49.9	35.5			57312	☑	
270	Reflex			-49.9	35.7			57328	☑	
276	Reflex			-49.8	36			57316	☑	
282	Reflex			-49.9	36.3			57327	☑	
288	Reflex			-50	36.6			57333	☑	
294	Reflex			-49.9	36.5			57343	☑	
300	Reflex			-49.9	37.1			57355	☑	
306	Reflex			-49.9	37.4			57340	☑	
312	Reflex			-50.1	38.4			57348	☑	
318	Reflex			-49.9	38.3			57357	☑	
324	Reflex			-49.8	38.7			57339	☑	
330	Reflex			-49.7	39.1			57342	☑	
336	Reflex			-49.5	39.3			57331	☑	
342	Reflex			-49.5	39.8			57347	☑	
348	Reflex			-49.4	40.2			57353	☑	
354	Reflex			-49.3	40.4			57377	☑	
360	Reflex			-49.3	40.8			57353	☑	
366	Reflex			-49.3	41.1			57359	☑	
372	Reflex			-49.3	41.4			57319	☑	
378	Reflex			-49.2	41.5			57353	☑	

Hole: PAC-20-023

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
384	Reflex			-49.3	42.1			57375	☑	
390	Reflex			-49.3	42.5			57382	☑	
396	Reflex			-49.4	42.6			57372	☑	
402	Reflex			-49.4	43.1			57368	☑	
408	Reflex			-49.4	43.1			57412	☑	
444	Reflex			-49.5	43.1			57342	☑	
447	Reflex			-49.5	43.1			57320	☑	
450	Reflex			-49.5	43.3			57324	☑	
453	Reflex			-49.5	43.5			57322	☑	
456	Reflex			-49.6	43.9			57314	☑	
459	Reflex			-49.6	44.6			57308	☑	
462	Reflex			-49.7	45.1			57316	☑	
465	Reflex			-49.7	45.8			57329	☑	
468	Reflex			-49.7	45.9			57348	☑	
471	Reflex			-49.6	46.2			57331	☑	
474	Reflex			-49.7	46			57346	☑	
477	Reflex			-49.7	46.3			57313	☑	
480	Reflex			-49.7	46.7			57276	☑	
483	Reflex			-49.6	46.4			57299	☑	
489	Reflex			-49.7	47.1			57342	☑	
492	Reflex			-49.8	47.1			57304	☑	
495	Reflex			-49.9	47.3			57314	☑	

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	1.34	OB Overburden									
1.34	6.52	E1A Basalt									
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles. Late hairlines fractures throughout interval filled with pale gr											
<<Alt: 3 - 27.2: weak Hematitic>>											
<<Struc: 3 - 55: weak Foliation 40 deg. >> Not consistent through interval, ranging between 30-45 degrees, but variation occurs over larger intervals.											
6.52	6.83	I1 Mafic intrusive GS2									
Dark green interval. Difficult to tell if it's a chlorite rich lens or a small mafic intrusion											
6.83	10.50	E1A Basalt									
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles. Late hairlines fractures throughout interval filled with pale gr											
10.50	13.02	I3A1 Alkali Feldspar Granite									
Medium grained KSpar rich intrusion. Part of some interfingering network, small lenses/intervals of surrounding basalt contained within interval. Irregular contacts.											
13.02	13.85	E1A Basalt GS1									
As surrounding BAS											
13.85	14.10	I1 Mafic intrusive GS2									
Dark green interval. Difficult to tell if it's a chlorite rich lens or a small mafic intrusion											
14.10	14.40	E1A Basalt GS1									
As surrounding BAS											
14.40	15.57	I3A1 Alkali Feldspar Granite									
Medium grained KSpar rich intrusion. Part of some interfingering network, small lenses/intervals of surrounding basalt contained within interval. Irregular contacts.											
15.57	21.20	E1A Basalt									
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles, between 30-45 degrees but over longer intervals. Late hairlines											
<<Min: 19.5 - 19.9: 2% pyrite>>											

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
21.20	**22.36**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Orange and red granitoid intrusion with small pegmatitic components.												
22.36	**29.30**	**E1A Basalt**		24.00	25.50	1.50	337412	0.0025				
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles, between 30-45 degrees but over longer intervals. Late hairlines												
<<Alt: 27.2 - 28: moderate Hematitic>> Hematite alteration in fractures and bands of open pore space.				25.50	27.00	1.50	337413	0.0025				
<<Vein: 25.88 - 25.9: Quartz vein contain >90% quartz>> Coarse grained light grey vitreous qv				27.00	28.50	1.50	337414	0.0025				
				28.50	30.00	1.50	337415	0.0025				
29.30	**30.06**	**I3A Granite**	**GS2**									
Orange kspar rich granitoid												
				30.00	31.50	1.50	337416	0.0025				
30.06	**49.11**	**E1A Basalt**										
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles, between 30-45 degrees but over longer intervals. Late hairlines												
<<Min: 36.75 - 40.5: 2% pyrite>>												
				31.50	33.00	1.50	337417	0.0025				
				33.00	34.50	1.50	337418	0.0025				
				34.50	36.00	1.50	337419	0.007				
				36.00	37.50	1.50	337420	0.0025				
				37.50	39.00	1.50	337421	0.0025				
				39.00	40.50	1.50	337422	0.0025				
				40.50	42.00	1.50	337423	0.0025				
				42.00	43.50	1.50	337424	0.0025				
49.11	**50.51**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Mixture of textures; aplitic, medium grained and pegmatitic.												
50.51	**51.85**	**E1A Basalt**										
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles, between 30-45 degrees but over longer intervals. Late hairlines												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
51.85	**52.50**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Mixture of textures; aplitic, medium grained and pegmatitic.												
52.50	**55.34**	**E1A Basalt**										
Green-grey fine grained mafic volcanic. Various amounts of chlorite through interval, intervals with more intense chlorite lenses. Weak foliation running through interval at wavering angles, between 30-45 degrees but over longer intervals. Late hairlines												
55.34	**61.80**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Orange and red kspar rich felsic intrusion. Mostly massive medium grained with aplitic components. Competent and uninterrupted by lenses of surrounding basalt.												
61.80	**69.75**	**E1A Basalt**	**GS1**									
Green fine grained basalt. Interval has various degrees of alteration throughout, chlorite rich intervals are less susceptible to alteration. Potassic and siliceous flooding proximal to small granitic intrusions. Siliceous alteration lightens rock and obs												
69.75	**80.20**	**I3A1 Alkali Feldspar Granite**	**GS2**	79.50	81.00	1.50	337425	0.0025				
Large kspar rich granitic interval. Consistent grain size and texture. Some hairline fractures with dark red hematite alteration. Dull green alteration in hairline fractures. Lower contact lost in rubble zone.												
<<Struc: 80 - 81.8: weak Fault>> No fault gouge, angular pieces												
80.20	**92.00**	**E1A Basalt**	**GS1**									
Fine grained green mafic interval with subintervals of intense kspar replacement alteration. Hairline fractures throughout filled with dull green alteration mineral. Multiple rubble zones, some seem more mechanical (ie no fault gauge). Large core loss in												
<<Min: 90 - 173: 2% pyrite>> 1-10mm euhedral crystals												
<<Struc: 82.45 - 84.5: weak Fault>> No fault gouge, angular pieces												
<<Struc: 84.5 - 87: strong Fault>> Fault gouge, massive core loss, redrilled and rounded pieces.												
<<Struc: 87 - 90: weak Breccia>> Weakly brecciated basalt												
<<Struc: 90 - 91: moderate Breccia>> Basalt w kspar clasts												
<<Struc: 91 - 91.3: moderate Fault>> Rubbled interval with fault/alteration gouge												
<<Struc: 91.3 - 96: moderate Breccia>> Basalt w kspar clasts from intrusions												
				81.00	82.50	1.50	337426	0.0025				
				82.50	84.00	1.50	337427	0.0025				
				84.00	85.50	1.50	337428	0.0025				
				85.50	87.00	1.50	337429	0.0025				
				87.00	87.75	0.75	337430	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				87.75	90.00	2.25	337432	0.0025				
				90.00	91.50	1.50	337433	0.0025				
				91.50	93.00	1.50	337434	0.0025				
92.00	**95.66**	**I3A1** **Alkali Feldspar Granite**	**GS2**	93.00	94.50	1.50	337435	0.005				
Mixed interval. Logged as granitic intrusion because of the intense potassic nature of the interval. Likely a mixed brecciated interval of basalt and small granitic intrusions. Basalt has been so intensely altered that it resembles granitic intrusion and												
				94.50	96.00	1.50	337436	0.0025				
95.66	**103.15**	**E1A** **Basalt**	**GS1**	96.00	97.50	1.50	337437	0.0025				
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
<<Struc: 96 - 99.5: strong Breccia>>		Basalt w kspar clasts from intrusions		97.50	99.00	1.50	337438	0.0025				
<<Struc: 99.5 - 99.83: weak Fault>>		Small rubble zone with minor gouge that is likely alteration		99.00	100.50	1.50	337439	0.0025				
<<Struc: 99.83 - 107: strong Breccia>>		Basalt w kspar clasts from intrusions		100.50	102.00	1.50	337440	0.0025				
				102.00	103.50	1.50	337441	0.0025				
103.15	**104.55**	**I3A1** **Alkali Feldspar Granite**	**GS3**	103.50	105.00	1.50	337442	0.0025				
Kspar rich granitic intrusion with hematite alteration.												
104.55	**108.73**	**E1A** **Basalt**	**GS1**	105.00	106.50	1.50	337443	0.0025				
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
<<Struc: 107 - 134: weak Breccia>>		Basalt w kspar clasts from intrusions		106.50	108.00	1.50	337444	0.0025				
108.73	**109.92**	**I3A** **Granite**										
Orange brown hematite altered, brecciated felsic intrusion.												
109.92	**114.52**	**E1A** **Basalt**	**GS1**									
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
114.52	**115.06**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Kspar altered deformed intrusion.												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
115.06	**116.40**	**E1A** **Basalt**	**GS1**									
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
116.40	**116.82**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Brecciated lower contact.												
116.82	**126.42**	**E1A** **Basalt**	**GS1**									
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
126.42	**127.06**	**I3A** **Granite**	**GS2**									
Dull brown alteration.												
127.06	**129.36**	**E1A** **Basalt**	**GS1**									
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
129.36	**137.93**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Large orange to red-brown kspar rich granitoid interval. Not a clean since cross cutting intrusion, made up of several different textured felsic intrusions and altered and deformed differently throughout. Small lens of surrounding brecciated basalt in the												
<<Struc: 134 - 150: moderate Breccia>> Basalt w kspar clasts from intrusions												
137.93	**153.90**	**E1A** **Basalt**	**GS1**									
Green and orange brecciated basalt interval. Interval is heavily brecciated as is most evident by subrounded to subangular brecciated pieces of kspar rich granitic intrusions that have been ripped apart. Some potassic clasts don't have original intrusion												
<<Struc: 150 - 154: weak Breccia>>												
153.90	**159.00**	**I3A** **Granite**	**GS2**									
Orange and dull brown altered granitoid intrusion. Not a clean crosscutting intrusion, small intervals of surrounding of brecciated basalt. Interval is altered with a dull brown pervasive mineral.												
<<Alt: 155 - 158: strong Silicification>> Interval has concoidal fracturing and has chert like textures in parts.												
<<Struc: 158 - 173: strong Breccia>>												
159.00	**163.40**	**E1A** **Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
163.40	**166.56**	**I3A Granite**										
Brecciated kspar rich granitoid intrusion.												
				164.00	165.00	1.00	337445	0.0025				
				165.00	165.50	0.50	337446	0.0025				
				165.50	166.00	0.50	337447	0.0025				
				166.00	166.50	0.50	337448	0.0025				
				166.50	167.00	0.50	337449	0.0025				
166.56	**167.90**	**E1A Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
				167.00	168.00	1.00	337450	0.028				
167.90	**168.33**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
168.33	**170.13**	**E1A Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
170.13	**170.49**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
170.49	**171.68**	**E1A Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
171.68	**172.03**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
172.03	**173.75**	**E1A Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic. <<Struc: 173 - 184.5: moderate Breccia>>												
173.75	**174.30**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
174.30	**174.78**	**E1A Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
174.78	**177.68**	**I3A Granite**	**GS2**									
Brecciated interval, ~75% altered intrusion material, ~25% alteration infill and basalt. Non distinct upper and lower contacts.												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
177.68	**182.46**	**E1A** **Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
182.46	**183.33**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
183.33	**187.22**	**E1A** **Basalt**	**GS1**									
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
<<Struc: 184.5 - 184.9: moderate Fault>> Rubbled interval with cream white fault gouge.												
<<Struc: 184.9 - 197.83: moderate Breccia>>												
187.22	**187.85**	**I3A** **Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
187.85	**190.88**	**E1A** **Basalt**	**GS1**	189.00	190.50	1.50	337452	0.0025				
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.				190.50	192.00	1.50	337453	0.0025				
190.88	**191.80**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
191.80	**192.22**	**I1** **Mafic intrusive**	**GS1**	192.00	193.50	1.50	337454	0.0025				
Dark green mafic intrusion with strong fine disseminated epidote or serpentine crystals throughout matrix.												
192.22	**192.82**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Brecciated and altered felsic intrusion.												
192.82	**194.20**	**E1A** **Basalt**	**GS1**	193.50	195.00	1.50	337455	0.045				
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
<<Alt: 193.7 - 207: moderate Hematitic>> Hematite on joints and replacing pyrite												
<<Vein: 193.9 - 194: Quartz vein contain >90% quartz>> Brecciating late quartz vein/stw 75% qz												
194.20	**195.00**	**I1** **Mafic intrusive**	**GS1**									
As above MFI with hematite alteration.												
<<Vein: 194.75 - 195.6: Quartz vein contain >90% quartz>> Brecciating late quartz vein stockwork, 3-5% qv, thin												
195.00	**197.17**	**E1A** **Basalt**	**GS1**	195.00	196.50	1.50	337456	0.0025				
As surrounding brecciated basalt. Basalt protolith completely unrecognizable. Brecciated meta volcanic.												
<<Vein: 196.45 - 196.55: Quartz vein contain >90% quartz>> Brecciating quartz veins, 50% qv				196.50	198.00	1.50	337457	0.011				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
197.17	**197.83**	**I3A1 Alkali Feldspar Granite GS2**									
Kspar rich granitoid intrusion.											
<<Vein: 197.25 - 197.4: Quartz vein contain >90% quartz>> Brecciating quartz vein, white opaque											
197.83	**207.00**	**E1A Basalt**	198.00	199.50	1.50	337458	0.0025				
Unknown. Likely basalt because there's a brecciated basalt on either side. Very dark green interval, completely brecciated and faulted. Entire interval can be broken in hand, small amounts of fault gauge can be found in select joints throughout interval.											
<<Vein: 201 - 202.35: Quartz vein contain >90% quartz>> Network of thin brecciating quartz veins, <5%			199.50	201.00	1.50	337459	0.007				
<<Struc: 197.83 - 199.85: strong Breccia>> fault breccia			201.00	202.50	1.50	337460	0.037				
<<Struc: 199.85 - 200.1: Fault>>			202.50	204.00	1.50	337461	0.152				
<<Struc: 200.1 - 200.6: strong Breccia>> fault breccia			204.00	205.50	1.50	337462	0.051				
<<Struc: 200.6 - 200.8: Fault>>			205.50	207.00	1.50	337463	0.005				
<<Struc: 200.8 - 202.35: strong Breccia>> fault breccia											
<<Struc: 202.35 - 203.25: Fault>>											
<<Struc: 203.25 - 205.85: strong Breccia>> fault breccia											
<<Struc: 205.85 - 206.1: Fault>>											
<<Struc: 206.1 - 207: strong Breccia>> fault breccia											
207.00	**211.18**	**E1A Basalt**	207.00	208.50	1.50	337464	0.0025				
Heavily brecciated interval, subrounded clasts, hematite and potassic alteration throughout. Dark chlorite in hairline fractures?											
<<Alt: 207 - 212: moderate Calcite>> Purple red lustrous metallic alteration mineral on many joints, strongly effervescent. Carb-Fe mixture?			208.50	210.00	1.50	337465	0.0025				
<<Struc: 207 - 208.7: moderate Breccia>>			210.00	211.50	1.50	337466	0.0025				
<<Struc: 208.7 - 209.3: Fault>>											
<<Struc: 209.3 - 214.5: moderate Breccia>>											
211.18	**217.16**	**E1A Basalt GS1**									
Dark green mafic interval. Brecciated, but less so than bounding brecciated units. Dark brown to light orange selective hematite alteration. Some quartz veining in brecciation. Medium green alteration resembling serpentine, scratches white, somewhat soft.											
<<Alt: 212 - 214.2: moderate Hematitic>> Dark red staining											
<<Vein: 216.5 - 217: Quartz vein contain >90% quartz>> Brecciating qz stw, ~5%											
<<Struc: 214.75 - 220.5: moderate Breccia>>											

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					211.50	213.00	1.50	337467	0.0025				
					213.00	214.50	1.50	337468	0.0025				
					214.50	216.00	1.50	337469	0.0025				
					216.00	217.50	1.50	337470	0.0025				
217.16	**220.53**	**E1A**	**Basalt**	**GS1**	217.50	219.00	1.50	337472	0.0025				
Unrecognizable brecciated interval, likely basalt. More competent than overlying unit, more silica and kspar. Brecciated components of rock are potassicly altered, likely mixed with brecciated felsic intrusion.													
<<Vein: 219.25 - 220.5: Quartz vein contain >90% quartz>> Thin quartz veinlet stw, <5%					219.00	220.50	1.50	337473	0.0025				
					220.50	222.00	1.50	337474	0.01				
220.53	**225.15**	**E1A**	**Basalt**	**GS1**									
Medium to dark green fine grained basalt. Interval is relatively undeformed, excluded minor lithos broken out on separate logging sheet. Chlorite rich, crosscut by late quartz stw brecciation, no siliceous alteration bleeding outwards.													
<<Vein: 221.2 - 224.5: Quartz vein contain >90% quartz>> Brecciating qz stw, ~5%													
					222.00	223.50	1.50	337475	0.0025				
					223.50	225.00	1.50	337476	0.0025				
225.15	**228.20**	**E1A**	**Basalt**	**GS1**									
Brecciated meta basalt with broken kspar rich felsic intrusions entrained.													
<<Struc: 225.15 - 228.2: weak Breccia>>													
					228.00	229.50	1.50	337477	0.0025				
228.20	**231.44**	**E1A**	**Basalt**	**GS1**									
Medium to dark green fine grained basalt. Interval is relatively undeformed, excluded minor lithos broken out on separate logging sheet. Chlorite rich, crosscut by late quartz stw brecciation, no siliceous alteration bleeding outwards.													
<<Vein: 228.7 - 229: Quartz vein contain >90% quartz>> White, opaque, brecciating, 10% qtz													
<<Vein: 230.13 - 230.95: with sulphides>> White, opaque, brecciating, 30% qtz													
<<Vein: 231.35 - 232: Quartz vein contain >90% quartz>> White, opaque, brecciating, 15% qtz													
					229.50	230.25	0.75	337478	0.0025				
					230.25	231.00	0.75	337479	0.0025				
					231.00	232.50	1.50	337480	0.0025				
231.44	**238.95**	**E1A**	**Basalt**	**GS1**	232.50	234.00	1.50	337481	0.0025				
Green and orange brecciated meta basalt with deformed and broken kspar rich intrusions entrained in interval. Potassic and epidote alteration proximal to broken intrusion parts. Some late quartz veining and weakly brecciating stockworks.													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 234.5 - 239: strong Epidote>>	234.00	235.50	1.50	337482	0.0025				
		<<Vein: 232.4 - 232.7: Quartz vein contain >90% quartz>> White, opaque, brecciating, 10% qtz	235.50	237.00	1.50	337483	0.0025				
		<<Vein: 233.5 - 233.53: with sulphides>> White and grey with chlorite and cp	237.00	238.50	1.50	337484	0.0025				
		<<Vein: 234.6 - 234.8: Quartz vein contain >90% quartz>> Brecciating qz, trace cp	238.50	240.00	1.50	337485	0.0025				
		<<Vein: 236.99 - 237.03: Quartz vein contain >90% quartz>> White and opaque									
		<<Vein: 238.55 - 238.8: Quartz vein contain >90% quartz>> Trace py, 30% qtz									
		<<Struc: 231.44 - 239: weak Breccia>>									
238.95	**246.89**	**E1A Basalt GS1**									
		Medium to dark green fine grained basalt. Interval is relatively undeformed and unaltered relative to previous basalts. Small hairline fractures filed with dull light green alteration. Weak late quartz veining and small brecciating stockworks with trace p									
		<<Alt: 245.35 - 245.55: complete Epidote>>									
		<<Vein: 244.5 - 245.5: Quartz vein contain >90% quartz>> Thin white bx qv stw, 10% qtz									
			240.00	241.50	1.50	337486	0.107				
			241.50	243.00	1.50	337487	0.0025				
			243.00	244.50	1.50	337488	0.0025				
			244.50	246.00	1.50	337489	0.0025				
			246.00	247.50	1.50	337490	0.0025				
246.89	**248.60**	**I3A Granite GS3**									
		Quartz rich felsic intrusion. Strong micro fracturing throughout infilled with kspar and hematite alteration.									
			247.50	249.00	1.50	337492	0.007				
248.60	**275.00**	**E1A Basalt GS1**	253.00	254.50	1.50	337493	0.0025				
		Medium to dark green fine grained basalt. Interval is relatively undeformed and unaltered relative to previous basalts. Small hairline fractures filed with dull light green alteration. Weak late quartz veining and small brecciating stockworks with trace p									
		<<Alt: 248.6 - 249: strong Epidote>>	254.50	256.00	1.50	337494	0.013				
		<<Alt: 249.6 - 257.4: moderate Epidote>>	256.00	257.50	1.50	337495	0.0025				
		<<Alt: 257.4 - 258: intense Epidote>>	257.50	258.75	1.25	337496	0.0025				
		<<Vein: 259.7 - 261: Quartz vein contain >90% quartz>> transluscent white bx qv stw, 20% qtz	258.75	260.00	1.25	337497	0.0025				
		<<Vein: 266.35 - 266.85: Quartz vein contain >90% quartz>> brecciating	260.00	261.00	1.00	337498	0.0025				
		<<Vein: 267.5 - 267.7: Quartz vein contain >90% quartz>> brecciating	261.00	262.50	1.50	337499	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 271.16 - 271.37: Quartz vein contain >90% quartz>> 20% qtz				262.50	264.00	1.50	337500	0.0025				
<<Vein: 272.5 - 272.75: Quartz vein contain >90% quartz>> 30% qtz				264.00	265.50	1.50	337501	0.0025				
				265.50	267.00	1.50	337502	0.0025				
				267.00	268.50	1.50	337503	0.0025				
				268.50	270.00	1.50	337504	0.0025				
				270.00	271.50	1.50	337505	0.0025				
				271.50	273.00	1.50	337506	0.0025				
				273.00	274.30	1.30	337507	0.0025				
				274.30	275.60	1.30	337508	0.011				
275.00	**275.25**	**I3A1** **Alkali Feldspar Granite**	**GS3**									
Grain morphology difficult to make out, strong py mineralization in fractures.												
275.25	**285.75**	**E1A** **Basalt**	**GS1**	275.60	277.00	1.40	337509	0.0025				
Medium to dark green fine grained basalt. Interval is relatively undeformed and unaltered relative to previous basalts. Small hairline fractures filed with dull light green alteration. Weak late quartz veining and small brecciating stockworks with trace p												
<<Alt: 280.45 - 280.9: moderate Epidote>>				277.00	278.25	1.25	337510	0.009				
<<Alt: 281.65 - 281.7: complete Epidote>>				278.25	279.75	1.50	337512	0.0025				
				279.75	280.50	0.75	337513	0.0025				
				280.50	282.00	1.50	337514	0.007				
285.75	**286.00**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Granular medium grained orange kspar rich intrusion												
286.00	**291.47**	**E1A** **Basalt**	**GS1**									
Medium to dark green fine grained basalt. Interval is relatively undeformed and unaltered relative to previous basalts. Small hairline fractures filed with dull light green alteration. Weak late quartz veining and small brecciating stockworks with trace p												
<<Alt: 286.15 - 286.55: strong Epidote>>												
<<Alt: 287.6 - 291: moderate Epidote>>												
291.47	**293.70**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Altered kspar rich intrusion with light green alteration filling fine fractures, moderate fracturing.												

Hole: PAC-20-023

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
293.70	**317.20**	**E2**	**Intermediate**	**GS1**	298.50	300.00	1.50	337515	0.0025				
Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote and pot													
<<Alt: 293.7 - 294.3: strong Epidote>>					300.00	301.50	1.50	337516	0.006				
<<Alt: 295.2 - 295.95: complete Epidote>>					301.50	303.00	1.50	337517	0.0025				
<<Alt: 296.2 - 296.4: strong Epidote>>					303.00	304.50	1.50	337518	0.0025				
<<Alt: 299.9 - 302.8: strong Epidote / strong K-feldspar>>					304.50	306.00	1.50	337519	0.009				
<<Alt: 304.5 - 308: strong Epidote / strong K-feldspar>>					306.00	307.50	1.50	337520	0.0025				
<<Alt: 309.6 - 310.05: intense Epidote>>					307.50	309.00	1.50	337521	0.0025				
<<Alt: 313.3 - 313.85: strong Epidote>>					309.00	310.50	1.50	337522	0.0025				
<<Vein: 298.6 - 298.63: Quartz vein contain >90% quartz>> White qv deformed by late alteration													
317.20	**320.14**	**I3A**	**Granite**	**GS2**									
Light red-brown granitoid intrusion. Hematite and light green alteration in hairline fractures. Quartz rich, distinct crystal boundaries difficult to make out. Light green hairline alteration more intense at upper and lower contact.													
320.14	**342.00**	**E2**	**Intermediate**	**GS1**	324.00	325.25	1.25	337523	0.009				
Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass													
<<Alt: 324.45 - 324.55: intense Epidote>>					325.25	326.50	1.25	337524	0.0025				
<<Alt: 325.15 - 325.5: strong Epidote>>					326.50	328.00	1.50	337525	0.0025				
<<Alt: 327.2 - 327.7: complete Epidote>>					332.00	333.50	1.50	337526	0.0025				
<<Alt: 329.15 - 329.55: strong Epidote>>					333.50	335.00	1.50	337527	0.0025				
<<Alt: 332.7 - 333.05: intense Epidote>> Fault?					335.00	336.75	1.75	337528	0.0025				
<<Alt: 336.5 - 336.6: complete Epidote>>					336.75	338.00	1.25	337529	0.0025				
<<Struc: 327.4 - 327.45: weak Fault>> Strong epidote alteration, likely alteratio weakness and not structural					338.00	339.09	1.09	337530	0.0025				
<<Struc: 332.8 - 332.9: weak Fault>> Strong epidote alteration, likely alteratio weakness and not structural, some soft material resembling fault gouge.													
342.00	**344.00**	**I1A**	**Gabbro**	**GS2**									
Medium grey to light-medium green intermediate to mafic intrusive (gabbroic). Fine to medium chlorite-rich matrix. Un-euhedral grains. Clear lower contact associated with a qtz veinlet of 0.5cm													

Hole: PAC-20-023

From (m)	To (m)		Rock Type & Description	
344.00	**346.41**	**E2**	**Intermediate**	**GS1**

Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass

<<Alt: 346.05 - 346.89: moderate Epidote>> Associated with a granitoid potassic-rich dyke

346.41	**346.89**	**I3A**	**Granite**	**GS3**

Pink to red quartz-potassic-rich felsic intrusion. Strong micro fracturing throughout infilled with epidote alteration.

346.89	**352.10**	**E2**	**Intermediate**	**GS1**

Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass

<<Struc: 347.7 - 348.1: Fault>>

<<Struc: 350.25 - 350.35: Fault>>

352.10	**353.00**	**I2**	**Intermediate intrusive**	**GS2**

Light grey pinkish to greenish intermediate intrusive. Masive medium grain of quartz, k-feldspar, chlorite and epidote. 10cm of epidote alteration in with fuzy fractures of the host rock at the upper contact. Potassic-rich on 5cm at the lower contact of t

353.00	**356.15**	**E2**	**Intermediate**	**GS1**

Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass

356.15	**356.78**	**I3A1**	**Alkali Feldspar Granite**	**GS2**

Pink to light grey-green medium to coarse grain granitic intrusive with foliated grey micas (silver aspect on core surface) (2mm grain size) with 60 degres core angle. Fractures filled with epidote and hematite at upper contact. With 0.5% of late cubic py

356.78	**369.11**	**E2**	**Intermediate**	**GS1**

Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass

<<Alt: 366.3 - 367.2: strong Epidote / weak Hematitic>> Pervasive epidote associated with fractures filled of epidote and hematiteFractures filled of epidote and hematite

<<Vein: 359.6 - 359.66: Quartz vein contain >90% quartz>> Transluscent white qv crosscutting fractures filled of epidote

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
346.05	347.00	0.95	337532	0.0025				

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 358.15 - 358.78: moderate Foliation 60 deg. >> Associated with pink to light grey-green medium to coarse grain granitic intrusive with foliated grey micas (2mm grain size) with 60 degres core angle. Fractures filled with epidote and hematite at upper contact.									
		<<Struc: 360 - 363: moderate Foliation 45 deg. >> Main lithology shows a weak to moderate preferential alignment of the grains of 45 degres through out the unit.									
		<<Struc: 365.7 - 365.9: Fault>>									
			359.47	359.77	0.30	337533	0.0025				
369.11	**371.43**	**I3A1 Alkali Feldspar Granite GS3**									
		Red-grey felsic granitic dyke. Coarse grains of quartz and feldspar. No preferential orientation of the grains. 5% of beige flake minerals that looks like sericite and also along some brecciated fractures. Rock fracture planes in broken core feel greasy l									
371.43	**373.04**	**E2 Intermediate GS1**									
		Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass									
373.04	**373.64**	**I3A1 Alkali Feldspar Granite GS3**									
		Interval with 2 small pink to red quartz-potassic-rich granitic dykes of 15cm and 10cm with epidotised host rock between both with.									
		<<Alt: 373.23 - 373.54: strong Epidote>> Pervasive epidote associated with 2 granitic dykelets and weak qtz veinlets.									
373.64	**379.25**	**E2 Intermediate GS1**	375.95	376.30	0.35	337534	0.0025				
		Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass									
		<<Min: 376.25 - 386.05: 2% pyrite>> 1 mm euhedral diss. crystals and along few epidote-hematised fractures	376.30	377.80	1.50	337535	0.0025				
		<<Struc: 376 - 376.25: moderate Fault 45 deg. >> Fault with gouge mud	377.80	379.20	1.40	337536	0.0025				
			379.20	379.64	0.44	337537	0.0025				
379.25	**379.60**	**I3A1 Alkali Feldspar Granite GS3**									
		Pink to red quartz-potassic-rich granitic dyke with sericite-epidote fuzy fractures. Py trace in fractures.									
379.60	**407.35**	**E2 Intermediate GS1**	379.64	380.85	1.21	337538	0.0025				
		Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass									
		<<Min: 403.2 - 407.35: 0.5% pyrite>> <1 mm euhedral diss. crystals along foliation and along few hemate-quartz fractures	380.85	382.35	1.50	337539	0.0025				

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 385.35 - 386.1: moderate Epidote / moderate K-feldspar>> Fractured filled with epidote-qtz, with some brecciated textures. Associated with weak pervasive potassic alteration.Weak pervasive potassic alteration. Associated with fractured filled with epidote-qtz, with some brecciated textures.	382.35	383.85	1.50	337540	0.0025				
		<<Alt: 389.53 - 389.94: strong Epidote / moderate Hematitic>> Associated with a 7 cm quartz-plagioclase dykelet and hematite-epidote filled fracturesAssociated with a 7 cm quartz-plagioclase dykelet and hematite-epidote filled fractures	383.85	385.35	1.50	337541	0.0025				
		<<Alt: 401.85 - 402: intense Epidote>> 6cm true width band of intense pervasive epidote. Slightly associated with pervasive potassic alteration	385.35	386.10	0.75	337542	0.0025				
		<<Alt: 403.2 - 405.25: moderate Epidote / moderate K-feldspar>> Fractured filled with epidote, with some brecciated textures. Associated with weak pervasive potassic alteration.Pervasive potassic alteration. Associated with fractures filled with epidote, with some brecciated textures.	406.00	407.30	1.30	337543	0.0025				
		<<Alt: 407.1 - 407.35: weak Epidote>> Fractured filled with epidote. Associated with k-feldspar granitic dykelets	407.30	408.20	0.90	337544	0.0025				
		<<Struc: 389.53 - 389.94: weak Fault>> Associated with a 7 cm quartz-plagioclase dykelet and hematite-epidote filled fractures									
		<<Struc: 406 - 407: moderate Foliation 35 deg. >> Main lithology shows a weak to moderate preferential alignment of the grains of 35 degres through out the unit.									
407.35	**409.02**	**I3A1 Alkali Feldspar Granite GS3**	408.20	409.10	0.90	337545	0.0025				
		Multiple pink to red quartz-potassic-rich granitic dykes of 10-15cm. With extension quartz veins in dykes									
		<<Min: 407.35 - 409.02: 2% pyrite>> <1 mm euhedral diss. crystals associated with k-feldspar granitic dykelets									
		<<Alt: 407.35 - 409.1: weak Epidote / moderate K-feldspar>> Fractured filled with epidote. Associated with k-feldspar granitic dykeletsAssociated with k-feldspar granitic dykelets and fractures									
409.02	**422.45**	**E2 Intermediate GS1**									
		Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass									
		<<Min: 409.02 - 419.7: 0.5% pyrite>> <1mm euhedral diss crystals along foliation									
		<<Min: 419.7 - 427.75: 2% pyrite>> Pyrite filled in epidote-chlorite-quartz fractures. With <1mm euhedral diss crystals along foliation									
		<<Alt: 417.3 - 423: weak Epidote / weak K-feldspar>> Fractured parallalel to foliation filled with epidote. Associated with weak pervasive potassic alteration at the contact with host rock.Associated with k-feldspar granitic dykelets and fractures									
		<<Struc: 414 - 415: moderate Foliation 40 deg. >> Main lithology shows a weak to moderate preferential alignment of the grains of 40 degres through out the unit.									
			420.00	421.50	1.50	337546	0.0025				
			421.50	423.00	1.50	337547	0.0025				

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
422.45	**423.00**	**I3A** **Granite**	**GS3**									
Multiple grey milky to redish quartz-potassic-rich granitic irregular dykelets <10cm.												
423.00	**429.00**	**E2** **Intermediate**	**GS1**	423.00	424.50	1.50	337548	0.0025				
Medium to dark grey intermediate volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, quartz and chlorite rich. Strong local fracture related epidote, potass												
<<Min: 427.75 - 444: 0.5% pyrite>> Trace py diss				424.50	426.00	1.50	337549	0.0025				
<<Alt: 423 - 426.25: moderate Epidote / weak K-feldspar>> Fractured filled with epidote, with some brecciated textures. Fractures of epidote-chlorite-quartz filled with pyrite. Associated with weak pervasive potassic alteration.Associated with k-feldspar granitic dykelets and fractures				426.00	427.50	1.50	337550	0.0025				
<<Alt: 426.25 - 430.1: moderate Epidote>> Fractured filled with epidote, with some brecciated textures. Fractures of epidote-chlorite-quartz filled with pyrite. Associated with weak pervasive potassic alteration.				427.50	429.00	1.50	337552	0.0025				
<<Vein: 425.48 - 425.59: Quartz vein contain >90% quartz>> Transluscent white qv crosscutted by epidote fractures containing pyrite grains												
429.00	**434.10**	**E1** **mafic volcanics**	**GS1**									
Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas												
434.10	**435.43**	**I2** **Intermediate intrusive**	**GS2**									
Light grey greenish and redish from pervasive potassic alteration. Medium porphyritic milky feldspar grains. MODERATE MAGNETISM												
<<Alt: 434.1 - 435.43: weak K-feldspar>> Potassic alteration of the intermediate intrusive rock walls from different epidote fractures												
435.43	**438.86**	**E1** **mafic volcanics**	**GS1**									
Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas												
438.86	**439.20**	**I2** **Intermediate intrusive**	**GS2**									
Light grey greenish and redish from pervasive potassic alteration. Medium porphyritic milky feldspar grains. MODERATE MAGNETISM												
439.20	**440.60**	**E1** **mafic volcanics**	**GS1**									
Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas												

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
440.60	**444.92**	**I3A1 Alkali Feldspar Granite**	**GS3**	444.00	445.00	1.00	337553	0.007				
Pink to red quartz-potassic-rich granitic dyke. With extension quartz veins in dykes. 1-2cm upper and lower contacts rich in chlorite-epidote-quartz. Trace of Moly												
<<Min: 444 - 445: 0.5% pyrite / 0.5% Molybdenite>> Trace pyrite diss and trace pyrite and molybdenite related to chlorite-epidote-quartz veinlet												
444.92	**445.52**	**E1 mafic volcanics**	**GS1**									
Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas												
<<Min: 445 - 471.6: 0.5% pyrite>> Trace py diss												
445.52	**445.79**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Pink to red quartz-potassic-rich granitic dyke.												
445.79	**446.70**	**E1 mafic volcanics**	**GS1**									
Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas												
446.70	**449.80**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Pink to red quartz-potassic-rich granitic dyke with epidote-sericite fractures. Between 448-449, core is a lot broken												
<<Struc: 448 - 448.8: weak Fault>> Broken core in AFG with important fractures of epidote-sericite												
449.80	**461.65**	**E1 mafic volcanics**	**GS1**									
Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas												
<<Vein: 450.9 - 450.93: Quartz-Carbonate vein contain 10-90% quartz>> Transluscent quartz-calcite vein slightly potassic												
<<Vein: 456.6 - 456.65: Quartz-Carbonate vein contain 10-90% quartz>> Transluscent quartz-calcite-epidote vein slightly potassic												
<<Struc: 451 - 452: moderate Foliation 40 deg. >> Main lithology shows a weak to moderate preferential alignment of the grains of 40 degres through out the unit.												
				450.75	451.05	0.30	337554	0.0025				
				456.45	456.75	0.30	337555	0.0025				
461.65	**462.00**	**I3A1 Alkali Feldspar Granite**	**GS3**									
Pink to red quartz-potassic-rich granitic dyke. Few hematized fractures												

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
462.00	**468.30**	**E1 mafic volcanics GS1** Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas									
468.30	**472.60**	**I2 Intermediate intrusive GS2** Light grey greenish intermediate intrusive and redish from pervasive potassic alteration. Medium porphyritic milky feldspar grains. Moderate magnetism along some fractures filled with late cubic pyrite. <<Min: 471.6 - 474.65: 2% pyrite>> Late fine cubic pyrite about 2% pervasive and along some fractures. Some pyritous fractures are moderately magnetic (po?)	471.60	472.60	1.00	337556	0.0025				
			472.60	473.60	1.00	337557	0.0025				
472.60	**475.38**	**E1 mafic volcanics GS1** Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas	473.60	474.65	1.05	337558	0.007				
		<<Min: 474.65 - 488.83: 0.5% pyrite>> Trace py diss	474.65	474.95	0.30	337559	0.006				
		<<Alt: 472.6 - 475.38: weak K-feldspar>> Pervasive potassic alteration interval between an intermediate intrusive and an alkali-feldspar granitic intrusive. The interval looks bleached									
		<<Vein: 474.72 - 474.76: Quartz vein contain >90% quartz>> Transluscent quartz vein crosscutting fractures filled of epidote									
475.38	**475.95**	**I3A1 Alkali Feldspar Granite GS3** Pink to red quartz-potassic-rich granitic dyke. Few hematized fractures									
475.95	**488.83**	**E1 mafic volcanics GS1** Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas	488.30	488.90	0.60	337560	0.014				
		<<Struc: 488.4 - 488.83: moderate Fault 40 deg. >> Fault with gouge mud, slightly brecciated and strong epidote alteration on 10cm at lower contact									
488.83	**490.73**	**I2 Intermediate intrusive GS2** Light grey redish porphyritic intermediate intrusive. Medium porphyritic redish feldspar grains. 1-5% epidote-quartz fractures. 1-2% py diss. <<Min: 488.83 - 490.73: 2% pyrite>> 1-2% fine pyrite diss. and along epidote-chlorite-quartz fractures in an intermediate intrusive interval	488.90	489.80	0.90	337561	0.008				

Hole: PAC-20-023

From (m)	To (m)	Rock Type & Description
490.73	**492.50**	**I3A1 Alkali Feldspar Granite GS3** Pink to red quartz-potassic-rich granitic dyke. Few hematized fractures. Py <1% along epidote-sericite-chlorite fractures <<Min: 490.73 - 495: 0.5% pyrite>> Trace py diss
492.50	**493.50**	**E1 mafic volcanics GS1** Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas <<Alt: 492.5 - 493.5: strong Epidote>> epidote alteration from epidote filled fractures in mafic volcanic host rock
493.50	**494.80**	**I2 Intermediate intrusive GS3** Highly altered intermediate intrusive. Highly fractured with epidote filled fractures. Bleached host rock. Host rock very difficult to recognize. Late transluscent quartz veinlets at 80 degres crosscuting epidote fractures. <<Alt: 493.5 - 494.8: intense Epidote>> Strong epidote alteration from epidote filled fractures and pervasive in an intermediate intrusive interval.
494.80	**495.00**	**E1 mafic volcanics GS1** Dark grey mafic volcanic. Light orange medium grained subhedral to euhedral feldspar phenocryst that have been weakly potassicly altered. Matrix is fine to very fine, chlorite rich. Strong local fracture related epidote, potassic alteration and with occas
End of Hole @ 495		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
489.80	490.75	0.95	337562	0.007				
490.75	491.60	0.85	337563	0.0025				
491.60	492.45	0.85	337564	0.0025				
492.45	493.50	1.05	337565	0.0025				
493.50	494.80	1.30	337566	0.0025				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-024

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-03-19	**Core Size:**	NQ
UTM East:	436938.81	**Azimuth:**	216	**Date Completed:**	2020-03-27	**Casing Pulled?:**	☐
UTM North:	5642508.32	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	397	**Length (m):**	204	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
6	Reflex			-50.1	215.3			57979	☑	
15	Reflex			-50.2	216.1			57838	☑	
18	Reflex			-50.4	215.6			57496	☑	
21	Reflex			-50.1	215.9			57310	☑	
24	Reflex			-50.2	215.6			57218	☑	
27	Reflex			-50.2	215.2			57162	☑	
30	Reflex			-50.2	215.2			57125	☑	
33	Reflex			-50	215.5			57103	☑	
36	Reflex			-49.9	215.9			57087	☑	
39	Reflex			-50.1	214.9			57068	☑	
42	Reflex			-50	215			57072	☑	
45	Reflex			-50	215			57029	☑	
48	Reflex			-49.8	215.1			57081	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-50	214.8			57064	☑	
54	Reflex			-50.1	214.4			57056	☑	
57	Reflex			-49.9	214.6			57068	☑	
60	Reflex			-50.1	214			57055	☑	
63	Reflex			-49.6	214.6			57066	☑	
66	Reflex			-49.7	214			57066	☑	
69	Reflex			-49.8	213.7			57051	☑	
72	Reflex			-49.3	214			57051	☑	
75	Reflex			-49.3	213.6			57047	☑	
78	Reflex			-49	214.4			57050	☑	
84	Reflex			-48.9	213.8			57057	☑	
90	Reflex			-48.9	214.3			57077	☑	
96	Reflex			-48.9	214.6			57080	☑	
99	Reflex			-49.1	214.5			57070	☑	
102	Reflex			-48.9	215.1			57092	☑	
105	Reflex			-49	215.3			57078	☑	
108	Reflex			-49.1	215.2			57096	☑	
111	Reflex			-49.1	215.1			57104	☑	
114	Reflex			-49.2	215.1			57097	☑	
117	Reflex			-49.3	214.9			57100	☑	
120	Reflex			-49.2	215			57101	☑	
123	Reflex			-49.2	214.9			57106	☑	
126	Reflex			-49.2	214.7			57111	☑	
129	Reflex			-49.2	214.8			57110	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
132	Reflex			-48.7	215			57128	☑	
135	Reflex			-48.7	214.7			57133	☑	
138	Reflex			-48.8	214.9			57131	☑	
141	Reflex			-48.6	215.2			57130	☑	
144	Reflex			-48.7	215.3			57140	☑	
147	Reflex			-48.8	215.4			57098	☑	
150	Reflex			-49	214.8			57148	☑	
159	Reflex			-48.6	214.4			57152	☑	
162	Reflex			-48.6	214.6			57161	☑	
165	Reflex			-48.5	214.6			57158	☑	
168	Reflex			-48.6	215			57160	☑	
171	Reflex			-48.6	215.2			57150	☑	
174	Reflex			-48.6	215.4			57147	☑	
177	Reflex			-48.6	215.2			57158	☑	
180	Reflex			-48.6	215.2			57159	☑	
183	Reflex			-48.7	215.2			57155	☑	
186	Reflex			-48.7	215.3			57159	☑	
189	Reflex			-48.7	215.4			57152	☑	
192	Reflex			-48.8	215.3			57146	☑	
195	Reflex			-48.8	215.2			57160	☑	
198	Reflex			-48.8	215.1			57155	☑	
201	Reflex			-48.7	215.3			57152	☑	
204	Reflex			-48.6	215.4			57160	☑	

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**4.10**	**OB Overburden**									
30cm of various boulders from casing											
4.10	**10.20**	**E2 Intermediate GS1**									
light grey/faint green intermediate vocanic (likely andesite), interval is dominated by a mix of extrusive and intrusive textures. Fine grained texture with local medium grained intervals. Angular fragments/clasts of chlorite alteration found over the ent											
10.20	**12.25**	**I3A1 Alkali Feldspar Granite GS2**									
Typical homogeneous red felsic intrusive with colour coming from a mix of K felsdpar and hematite alteration. Pervassive qz mineralization and minor muscovite within. No veining withing. Upper and lower contacts are sharp. No wall rock alteration within h											
12.25	**29.35**	**E2 Intermediate GS1**	22.00	23.00	1.00	337567	0.0025				
light grey/faint green intermediate vocanic (likely andesite), interval is dominated by a mix of extrusive and intrusive textures. Fine grained texture with local medium grained intervals. Angular fragments/clasts of chlorite alteration found over the ent											
<<Vein: 18.15 - 18.23: Quartz vein contain >90% quartz>> Sub vertical milk qz vein with epidote veinlets on lower contact. No sulphide mineralization			23.00	24.00	1.00	337568	0.0025				
<<Vein: 23.95 - 24: Quartz vein contain >90% quartz>> Milky Qz vein with epidote veinlets on upper and lower contacts. Weak red hematite staining			24.00	25.00	1.00	337569	0.0025				
<<Vein: 26.95 - 27.05: Quartz vein contain >90% quartz>> Light grey Qz vein with a green/tan coloutred stain throughout			25.00	26.00	1.00	337570	0.0025				
<<Vein: 27.7 - 27.75: Quartz vein contain >90% quartz>> Milky/light grey qz vein with no related wall rock alteration or sulphide min			26.00	27.10	1.10	337572	0.0025				
			27.10	28.00	0.90	337573	0.0025				
29.35	**29.95**	**I3A1 Alkali Feldspar Granite GS2**									
Typical homogeneous red felsic intrusive with colour coming from a mix of K felsdpar and hematite alteration. Pervassive qz mineralization and minor muscovite within. No veining within. Upper and lower contacts are sharp. No wall rock alteration within ho											
29.95	**31.52**	**E2 Intermediate GS1**									
light grey/faint green intermediate vocanic (likely andesite), interval is dominated by a mix of extrusive and intrusive textures. Fine grained texture with local medium grained intervals. Angular fragments/clasts of chlorite alteration found over the ent											
31.52	**33.55**	**I3A1 Alkali Feldspar Granite GS2**									
Typical homogeneous red felsic intrusive with colour coming from a mix of K felsdpar and hematite alteration. Pervassive qz mineralization and minor muscovite within. 1 minor milky qz tension veinlet within Upper and lower contacts are sharp. No wall rock											

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
33.55	**66.58**	**E2 Intermediate GS1**									
light grey/faint green intermediate vocanic (likely andesite), interval is dominated by a mix of extrusive and intrusive textures. Fine grained texture with local medium grained intervals. Angular fragments/clasts of chlorite alteration found over the ent											
<<Alt: 48 - 48.2: moderate K-feldspar>> Local interval of potassic alt related to local veining											
<<Vein: 48 - 52: Quartz vein contain >90% quartz>> Interval of approx 1-2% Qz veinlets with varying angles. Trace Cpy grain within one veinlet at 47.6m											
<<Vein: 55.65 - 55.75: Quartz-Carbonate vein contain 10-90% quartz>> Milky mixed QzCb vein with minor trace epidote veinlets throughout.											
<<Vein: 59.1 - 59.2: Quartz vein contain >90% quartz>> Two cross cutting unmineralized qz veins. Epidote bearing vein cross cuts older milky vein. No mineralization or wall rock alt											
<<Vein: 62.4 - 62.5: Quartz vein contain >90% quartz>> Very hematite and Potassicly altered Qz vein. No sulphide mineralization or wall roclk alt associated. Possibly a Qz dominated (>90%) minor felsic intrusion											
<<Struc: 54.5 - 54.6: moderate Fault 60 deg. >> Well defined 5cm fault zone with fault gauge within. Rock on upper and lower contact is structuraly competent. Likely a very low displacement fault.											
			47.00	48.00	1.00	337574	0.0025				
			48.00	49.00	1.00	337575	0.0025				
			49.00	50.00	1.00	337576	0.0025				
			50.00	51.00	1.00	337577	0.0025				
			51.00	52.50	1.50	337578	0.0025				
			52.50	54.00	1.50	337579	0.0025				
			54.00	55.50	1.50	337580	0.0025				
			55.50	57.00	1.50	337581	0.005				
66.58	**69.80**	**E1 mafic volcanics GS1**									
Dark grey to green unit with sharp contacts with the intermediate unit above and below. Strong spotted Cl alteration throughout the unit. Green epidote veinlets and trace qz veinlets within. Unit is possibly a sudden well defined textutal change within In											
<<Vein: 67.12 - 67.17: with sulphides>> Wavy 5mm milky Qz veinlet with minor 1mm grains of Cpy within veining											
69.80	**72.40**	**E2 Intermediate GS1**									
light grey/faint green intermediate vocanic (likely andesite), interval is dominated by a mix of extrusive and intrusive textures. Fine grained texture with local medium grained intervals. Angular fragments/clasts of chlorite alteration found over the ent											
<<Min: 70.12 - 70.22: 10% pyrite>> Well defined patch of increased diss py											

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
72.40	**82.75**	**I3A Granite GS2** Porphyritic intrusive with dominant tan to light red feldspar grains up to 5mm. Tan coloured ground mass is very fine, pervassive green alteration likely epidote. Pervassive Qz mineralization thoughout with sillica alteration near lower contact. <<Alt: 72.4 - 82.75: moderate Epidote>> Pervassive epidote alteration within the groundmass of the porphyritic int. Pervassive throughout with minor increases realted to epidote veinlets	81.00	82.00	1.00	337582	0.0025				
			82.00	82.75	0.75	337583	0.0025				
82.75	**84.15**	**E1 mafic volcanics GS1** Dark green with light epidote green altered grains disseminated thoughout . Sharp well defined contracts. Minor potassic alteration and trace diss py min	82.75	84.15	1.40	337584	0.0025				
			84.15	85.00	0.85	337585	0.0025				
84.15	**86.40**	**I3A Granite GS2** Porphyritic intrusive with dominant tan to light red feldspar grains up to 5mm. Tan coloured ground mass is very fine, pervassive green alteration likely epidote. Pervassive Qz mineralization thoughout with sillica alteration near lower contact. <<Alt: 85.2 - 86.4: intense Epidote / intense Silicification>> Strong pervassive green epidote alteration near lowert contact of intrusive. The epidote alt along with strong silicification makes identifying the protolith difficultStrong silicification of and bleaching of the primary lithpology over the interval <<Vein: 84.25 - 86.4: Quartz vein contain >90% quartz>> Minor milky to light grey veinlets with varying angles. Veinlets are less visible near lower contact due to strong silicification <<Struc: 85.3 - 85.6: moderate Breccia>> brecciated interval with clast (up to 20mm) supported in epidote altered matrix. Brecciated zone is sillified. Veining within contains Cpy described in the veining tab	85.00	86.40	1.40	337586	0.0025				
			86.40	87.50	1.10	337587	0.0025				
86.40	**105.00**	**E1 mafic volcanics GS1** Extremely altered and deformed mafic volcanic unit. Protolith is hard to ID. Where unit is less altered it is a dark green fine grained mafic unit. Interval is extremily silicified/breciated by qz veins. Lower contact is poorly defined and marked by a fau <<Alt: 86.4 - 90: strong Silicification>> Pervassive silicification of the mafic unit. <<Alt: 90 - 102: complete Silicification>> Very strong alteration of local wall rock. Vein wall rock contacts are not alweay defined due to the intensity of alteration <<Alt: 102 - 104.5: intense Silicification>> silicification of the fault zone. Qz fills voids left in the fault gauge intervals and heals the faults <<Alt: 104.8 - 106: strong Hematitic>> Pervassive red hematite alteration of the fault zone and fault gauge. Hematite alt becomes less dominant after 106.5m <<Vein: 86.4 - 102: Quartz vein contain >90% quartz>> Interval of extreme veining 70%. Veins are typically milky in colour and do not have consistent angles. Veins Brecciate local wall rock. Veins also cause very strong wall rock silicification for the interval. Interval ends with fault gauge interval. Minor	87.50	89.00	1.50	337588	0.0025				
			89.00	90.00	1.00	337589	0.0025				
			90.00	91.00	1.00	337591	0.0025				
			91.00	92.00	1.00	337592	0.0025				
			92.00	93.00	1.00	337593	0.0025				
			93.00	94.00	1.00	337594	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 86.4 - 90: moderate Breccia>> Brecciated interval leading up to very strong brecciated zone and fault. Protolith is still rocognizable over this interval.	94.00	95.00	1.00	337595	0.0025				
		<<Struc: 90 - 102: strong Breccia>> Interval is very strongly breciated by Qz veining. Veins break up and alter the primary volcanic protolith.	95.00	96.00	1.00	337596	0.0025				
		<<Struc: 102 - 103.6: moderate Fault>> Dark fault zone with fine fault gauge that has been healed by Qz flooding/alteration. Qz mineralization fills voids in the interval. Rubble zone before and after	96.00	97.00	1.00	337597	0.0025				
		<<Struc: 103.6 - 104.8: moderate Breccia>> Short Qz vein brecciated zone between fault two fault zones.	97.00	98.00	1.00	337598	0.0025				
		<<Struc: 104.8 - 105.5: moderate Fault>> Highly broken up interval with hematite altered fault gauge within the interval. Unlike previous fault zone the fault is not healed by qz flooding.	98.00	99.00	1.00	337599	0.0025				
			99.00	100.00	1.00	337600	0.0025				
			100.00	101.00	1.00	337601	0.0025				
			101.00	102.00	1.00	337602	0.0025				
			102.00	103.00	1.00	337603	0.0025				
			103.00	104.00	1.00	337604	0.0025				
			104.00	105.00	1.00	337605	0.0025				
105.00	**132.50**	**E2 Intermediate GS1**	105.00	106.00	1.00	337606	0.011				
		Very heterogeneous interval that begins within post fault brecciated zone. Unaltered protolith is a light green/grey fine grained ground mass. Pervassive patches/ grains of sub angular clasts. Interval has been pervassively silificed. Local very well inte									
		<<Min: 107 - 109.8: 2% pyrite>> Fine py on the margins of some veins	106.00	107.00	1.00	337607	0.007				
		<<Min: 109.8 - 110.7: 10% pyrite>> Stringers of pyrite parallel to vein contacts. Stringers have some continuity	107.00	108.00	1.00	337608	0.0025				
		<<Min: 114.7 - 115.85: 2% pyrite>> large up to 3cm patchees of pyrite mineralization is unrelated to veining or alt	108.00	109.00	1.00	337609	0.0025				
		<<Min: 126 - 132.5: 0.5% pyrite>> 1cm subhedral to eyhedral grains of pyrite diss over thein interval within the intermediate volcanic units	109.00	109.80	0.80	337611	0.0025				
		<<Alt: 106 - 107: intense Silicification / strong Hematitic>> Interval is brecciated by qz stw. Wall rock is silicified bleachedPervassive red hematite alteration of the fault zone and fault gauge. Hematite alt becomes less dominant after 106.5m	109.80	110.75	0.95	337612	0.0025				
		<<Alt: 107 - 110.7: intense Silicification>> Interval is brecciated by qz stw. Wall rock is silicified bleached	110.75	111.50	0.75	337613	0.0025				
		<<Alt: 110.7 - 111: strong K-feldspar / intense Silicification>> Very pervassivaly altered interval. Protolith hard to ID but primary textures can be observed over certain intervalsInterval is brecciated by qz stw. Wall rock is silicified bleached	111.50	112.50	1.00	337614	0.0025				
		<<Alt: 111 - 114.7: strong K-feldspar / strong Silicification>> Very pervassivaly altered interval. Protolith hard to ID but primary textures can be observed over certain intervalsContinuation of silicification following the fault but a gradual reduction in intensity	112.50	114.00	1.50	337615	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 115.85 - 126.1: intense K-feldspar / moderate Hematitic>> Very strong potassic alteration. Quick transitional contacts into the alteration interval. Very faint but present primary textures confirm it is an alteration interval and not a distinct lithology.Interval is dominantly potassicly altered, distinct patche	114.00	114.70	0.70	337616	0.0025				
		<<Vein: 106 - 109.8: Quartz vein contain >90% quartz>> Continuation of strong qz Stw 40% following lower contact of fault. No representative vein angles. Very minor asociated py min	114.70	115.85	1.15	337617	0.008				
		<<Vein: 109.9 - 110.7: with sulphides>> Light grey qz vein with fine stingers of pyrite parallel to vein contact. Pyrite veinlets look potentially promising. Vein TCA is very low angle true thickess is much thinner.	115.85	117.00	1.15	337618	0.0025				
		<<Vein: 110.7 - 113: Quartz vein contain >90% quartz>> light grey to milky stw interval. With varying angles. With trace related pyrite									
		<<Vein: 115.7 - 115.8: with sulphides>> 5mm Qz veinlet with minor associated py min									
		<<Vein: 128.55 - 129.3: with sulphides>> Minor stw interval with minor associated py min. No consistent vein angles									
		<<Vein: 130 - 131.1: Quartz vein contain >90% quartz>> minor light grey qz stw veins									
		<<Struc: 105.5 - 113: strong Breccia>> Very similar to the Qz Stw brecciated interval before the described fault zone. Qz veining brecciates protolith wall rock. No consistent orientation to veining									
132.50	**132.90**	**I3A1 Alkali Feldspar Granite GS2** Well defined potassic red coloured felsic intrusive. silicified with defined felsdpar grains visible.									
132.90	**133.40**	**E2 Intermediate GS1** Very heterogeneous interval that begins within post fault brecciated zone. Unaltered protolith is a light green/grey fine grained ground mass. Pervassive patches/ grains of sub angular clasts. Interval has been pervassively silificed. Local very well inte									
			133.00	134.00	1.00	337619	0.0025				
133.40	**134.10**	**I3A1 Alkali Feldspar Granite GS2** Potassic red felsic int with alteration on upper and lower contacts making contacts less visible. 2mm plag and feldspar phenocrysts within									
			134.00	135.00	1.00	337620	0.0025				
134.10	**139.40**	**E2 Intermediate GS1** Very heterogeneous interval that begins within post fault brecciated zone. Unaltered protolith is a light green/grey fine grained ground mass. Pervassive patches/ grains of sub angular clasts. Interval has been pervassively silificed. Local very well inte	135.00	136.00	1.00	337621	0.0025				
		<<Min: 138.8 - 138.9: 10% pyrite>> 2 large(5-10mm wide) pyrite stringers	136.00	137.00	1.00	337622	0.005				
		<<Vein: 135.6 - 135.7: Quartz vein contain >90% quartz>> Light grey qz vein with associated py min	137.00	138.00	1.00	337623	0.0025				
139.40	**141.15**	**I3A1 Alkali Feldspar Granite GS1** Potassic red intrusion with well defined upper and lower contacts. Milky to light grey qz veinlets within with varying angles. No visible phenocrysts within. Possibly an extremely well defined alteration interval									

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From (m)	To (m)	Rock Type & Description
		<<Vein: 140 - 143: Quartz vein contain >90% quartz>> Light grey to milky stw, found within intrusive and intermediate volcanic unit. Varying TCA. Ends in a rubble zone
141.15	**145.85**	**E2 Intermediate GS1**
		Very heterogeneous interval that begins within post fault brecciated zone. Unaltered protolith is a light green/grey fine grained ground mass. Pervassive patches/ grains of sub angular clasts. Interval has been pervassively silificed. Local very well inte
		<<Struc: 143.3 - 144: weak Fault>> rubble zone with no observed fault gauge
145.85	**147.35**	**I3A1 Alkali Feldspar Granite GS2**
		Potassic red felsic int with sharp upper and lower contacts. Up to 2mm plag and feldspar sub hedral phenocrysts within. Sillicifed and very strong potassic red colour/stain throughout
		<<Vein: 145.85 - 147.35: Quartz vein contain >90% quartz>> Light grey to milky qz vein stw within felsic intrusive. 5%
147.35	**148.10**	**I3A1 Alkali Feldspar Granite GS2**
		Intense red/brown coloured intrusive with well defined upper and lower contact. White/tan coloured sub hedral plagioclase /feldspar phenocrysts up to 4mm visible. Very dominant potassic staining with minor hematite. Minor mixed muscovite and biotite. Ligh
148.10	**148.90**	**I3A1 Alkali Feldspar Granite GS2**
		Potassic red felsic int with sharp upper and lower contacts. Up to 2mm plag and feldspar sub hedral phenocrysts within. Sillicifed and very strong potassic red colour/stain throughout
		<<Vein: 148.5 - 148.9: Quartz vein contain >90% quartz>> Minor Stw near lower contact of felsic int. Varying TCA. Minor py min on lith contact at 148.90m
148.90	**151.85**	**E2 Intermediate GS1**
		Continuation of light grey/green silicified intermediate volcanic. (105-145.85m) Heterogeneous patchy tan clast and alteration throughout.
151.85	**156.25**	**I3A1 Alkali Feldspar Granite GS2**
		Red/brown well defined intrusion with brecciating qz stw throughout most of the int. Very sillicifed.very faint 2mm subhedral tan coloured phenocryst within. Colour is likely due to very strong potassic alteration as well as some pervassive hematite alter
		<<Vein: 151.85 - 156.25: with sulphides>> Light grey to off white qz vein stw. Stw has a weak flooding texture with varying TCA. Pyrite grains disseminated within veins and in local wall rock

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
151.50	153.00	1.50	337624	0.0025				
153.00	154.50	1.50	337625	0.0025				
154.50	156.00	1.50	337626	0.0025				
156.00	157.00	1.00	337627	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
156.25	**158.60**	**E2 Intermediate GS1** Lense of the intermediate volcanic described before and after felsic intrusion in the primary log. Greeen to grey in colour with heterogeneous patchy green/tan coloured alteration. Milky to light grey qz veining throughout interval at varying angles	157.00	158.60	1.60	337628	0.0025				
			158.60	160.00	1.40	337629	0.0025				
158.60	**163.80**	**I3A1 Alkali Feldspar Granite GS2** Red/brown well defined intrusion with brecciating qz stw throughout most of the int. Very sillicifed.very faint 2mm subhedral tan coloured phenocryst within. Colour is likely due to very strong potassic alteration as well as some pervassive hematite alter <<Vein: 159.05 - 159.1: with sulphides>> Fine qz veinlet with very fine stinger of py within <<Vein: 162 - 162.7: Quartz vein contain >90% quartz>> Light grey to off white stw with minor associated py min. Interval is found within minor lense of intermediate volcanic	160.00	161.50	1.50	337631	0.0025				
			161.50	163.00	1.50	337632	0.0025				
			163.00	163.80	0.80	337633	0.0025				
			163.80	165.00	1.20	337634	0.0025				
163.80	**166.20**	**E2 Intermediate GS1** Lense of the intermediate volcanic described before and after felsic intrusion in the primary log. Green to grey in colour with heterogeneous patchy green/tan coloured alteration. <<Min: 163.8 - 164.5: 2% pyrite>> Interval on increased disseminated euhedral to subhedral pyrite grains. Mineralization strongest proximal to contact with intrusion									
166.20	**176.80**	**I3A1 Alkali Feldspar Granite GS2** Red/brown well defined intrusion with brecciating qz stw throughout most of the int. Very sillicifed.very faint 2mm subhedral tan coloured phenocryst within. Colour is likely due to very strong potassic alteration as well as some pervassive hematite alter <<Min: 172.5 - 172.8: 10% pyrite>> 30cm lense of intermediate volcanics with dissemnated pyrite within.									
176.80	**178.60**	**E2 Intermediate GS1** Grey to tan coloured intermediate volcanic unit. pervassive weak potassic alteration throught the interval. Pervassive epidote alteration found within extensive very fine veinlers and patches . Several felsic intrusions cross cutting interval. 1-2% euhed <<Alt: 176.8 - 178.6: moderate Epidote / moderate K-feldspar>> Mixed interval of hairline epidiote veinlets and weak pervassive alterationPervassive faint red/pink potassic staining. Alteration patches contain are poorly defined and bleed out into surrounding rock contributing to the pervassive appearance of the alte									
178.60	**179.30**	**I3A1 Alkali Feldspar Granite** Potassic red felsic int with sharp upper and lower contacts. Up to 2mm plag and feldspar sub hedral phenocrysts within. Sillicifed and very strong potassic red colour/stain throughout									

Hole: PAC-20-024

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
179.30	**180.60**	**E2 Intermediate GS1** Grey to tan coloured intermediate volcanic unit. pervassive weak potassic alteration throught the interval. Pervassive epidote alteration found within extensive very fine veinlers and patches . Several felsic intrusions cross cutting interval. 1-2% euhed <<Alt: 179.3 - 180.6: moderate Epidote / moderate K-feldspar>> Mixed interval of hairline epidiote veinlets and weak pervassive alterationPervassive faint red/pink potassic staining. Alteration patches contain are poorly defined and bleed out into surrounding rock contributing to the pervassive appearance of the alte									
180.60	**181.10**	**I3A1 Alkali Feldspar Granite** Potassic red felsic int with sharp upper and lower contacts. Up to 2mm plag and feldspar sub hedral phenocrysts within. Sillicifed and very strong potassic red colour/stain throughout									
181.10	**190.60**	**E2 Intermediate GS1** Grey to tan coloured intermediate volcanic unit. pervassive weak potassic alteration throught the interval. Pervassive epidote alteration found within extensive very fine veinlers and patches . Several felsic intrusions cross cutting interval. 1-2% euhed <<Alt: 181.1 - 186.3: moderate Epidote / moderate K-feldspar>> Mixed interval of hairline epidiote veinlets and weak pervassive alterationPervassive faint red/pink potassic staining. Alteration patches contain are poorly defined and bleed out into surrounding rock contributing to the pervassive appearance of the alte <<Alt: 186.6 - 190.6: moderate Epidote / moderate K-feldspar>> Mixed interval of hairline epidiote veinlets and weak pervassive alterationPervassive faint red/pink potassic staining. Alteration patches contain are poorly defined and bleed out into surrounding rock contributing to the pervassive appearance of the alte									
190.60	**192.35**	**I3A1 Alkali Feldspar Granite** Potassic red felsic int with sharp upper and lower contacts. Up to 2mm plag and feldspar sub hedral phenocrysts within. Sillicifed and very strong potassic red colour/stain throughout. Minor veinlets and patches of hematite staining within <<Vein: 191 - 192.35: Quartz vein contain >90% quartz>> Minor light grey qz stw within felsic int. no rep vein angles , No related sulphide min									
192.35	**204.00**	**E2 Intermediate GS1** Grey to tan coloured intermediate volcanic unit. pervassive weak potassic alteration throught the interval. Pervassive epidote alteration found within extensive very fine veinlers and patches . Several felsic intrusions cross cutting interval. 1-2% euhed <<Alt: 192.35 - 204: moderate Epidote / moderate K-feldspar>> Mixed interval of hairline epidiote veinlets and weak pervassive alterationPervassive faint red/pink potassic staining. Alteration patches contain are poorly defined and bleed out into surrounding rock contributing to the pervassive appearance of the alte									

End of Hole @ 204

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-025

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-03-27	**Core Size:**	NQ
UTM East:	436859.51	**Azimuth:**	201	**Date Completed:**	2020-04-04	**Casing Pulled?:**	☐
UTM North:	5642667.79	**Dip:**	-48	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	396	**Length (m):**	450	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-47.5	201.2			57756	☑	
12	Reflex			-47.5	201.4			57710	☑	
18	Reflex			-47.5	200.3			57348	☑	
21	Reflex			-47.5	200.5			57225	☑	
24	Reflex			-47.3	200.6			57152	☑	
27	Reflex			-47.4	200.4			57100	☑	
30	Reflex			-47.7	200.2			57076	☑	
33	Reflex			-47.4	200.4			57045	☑	
36	Reflex			-47.3	200.6			57089	☑	
39	Reflex			-47.3	200.5			56991	☑	
45	Reflex			-47.7	199.9			57023	☑	
51	Reflex			-47.4	200.2			56968	☑	
54	Reflex			-47.3	200.3			57015	☑	

Hole: PAC-20-025

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
57	Reflex			-47.4	200.3			56946	☑	
60	Reflex			-47.3	200.1			56961	☑	
66	Reflex			-47.3	200.2			57053	☑	
72	Reflex			-47.2	199.5			57042	☑	
78	Reflex			-47.2	199.7			57037	☑	
84	Reflex			-47.1	199.6			56990	☑	
93	Reflex			-47	199.5			56986	☑	
96	Reflex			-47	199.7			57156	☑	
105	Reflex			-46.8	199.4			56902	☑	
108	Reflex			-46.8	199.2			57026	☑	
114	Reflex			-46.7	199.2			56989	☑	
117	Reflex			-46.6	199			57006	☑	
120	Reflex			-46.6	199.2			56998	☑	
123	Reflex			-46.6	199.1			57008	☑	
126	Reflex			-46.6	199			57028	☑	
129	Reflex			-46.6	198.9			57018	☑	
132	Reflex			-46.6	198.9			57019	☑	
135	Reflex			-46.7	198.5			57019	☑	
138	Reflex			-46.5	199.1			57031	☑	
144	Reflex			-46.4	199			57012	☑	
147	Reflex			-46.4	199.2			57068	☑	
150	Reflex			-46.4	198.7			57060	☑	
153	Reflex			-46.4	199			57033	☑	
156	Reflex			-46.3	199.1			57023	☑	

Hole: PAC-20-025

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
159	Reflex			-46.3	199.5			57030	☑	
162	Reflex			-46.3	199.4			57042	☑	
165	Reflex			-46.2	199.3			57057	☑	
168	Reflex			-46.2	198.6			56955	☑	
171	Reflex			-46.2	199.1			57030	☑	
174	Reflex			-46.2	199.2			57036	☑	
177	Reflex			-46	198.8			57039	☑	
180	Reflex			-46.2	199			57040	☑	
186	Reflex			-46.1	199.1			57051	☑	
189	Reflex			-46	199.1			57044	☑	
192	Reflex			-46	199			57048	☑	
198	Reflex			-46.2	198.1			57028	☑	
201	Reflex			-46.1	198.3			57035	☑	
204	Reflex			-46.2	198			57055	☑	
207	Reflex			-46.1	198.1			57053	☑	
210	Reflex			-46.1	198			57053	☑	
213	Reflex			-46.2	197.9			57126	☑	
216	Reflex			-46.1	197.9			57049	☑	
219	Reflex			-46.1	197.9			57054	☑	
222	Reflex			-46	197.9			57045	☑	
225	Reflex			-46	197.9			57055	☑	
228	Reflex			-46	197.7			57058	☑	
231	Reflex			-46	197.7			57061	☑	
234	Reflex			-46	197.5			57060	☑	

Hole: PAC-20-025

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
237	Reflex			-45.9	197.6			57071	☑	
240	Reflex			-45.8	197.8			57065	☑	
246	Reflex			-45.8	197.8			57063	☑	
249	Reflex			-45.8	197.6			57081	☑	
252	Reflex			-45.8	197.5			57080	☑	
255	Reflex			-45.8	197.4			57088	☑	
258	Reflex			-45.8	197.5			57065	☑	
261	Reflex			-45.7	197.5			57115	☑	
264	Reflex			-45.7	197.5			57106	☑	
267	Reflex			-45.6	197.3			57100	☑	
270	Reflex			-45.6	197.5			57095	☑	
273	Reflex			-45.5	197.4			57099	☑	
276	Reflex			-45.4	197.4			57119	☑	
279	Reflex			-45.4	197.6			57168	☑	
282	Reflex			-45.4	197.5			57123	☑	
285	Reflex			-45.3	197.5			57134	☑	
288	Reflex			-45.2	197.5			57144	☑	
291	Reflex			-45.2	197.6			57148	☑	
294	Reflex			-45.2	197.8			57155	☑	
297	Reflex			-45.3	197.6			57149	☑	
300	Reflex			-45.2	197.8			57159	☑	
306	Reflex			-45	198.4			57152	☑	
309	Reflex			-45.1	198.2			57161	☑	
312	Reflex			-45.1	198.2			57173	☑	

Hole: PAC-20-025

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
315	Reflex			-45	198.5			57180	☑	
318	Reflex			-45	198.4			57198	☑	
321	Reflex			-44.9	198.4			57189	☑	
324	Reflex			-44.9	198.2			57193	☑	
327	Reflex			-44.9	198.5			57206	☑	
330	Reflex			-44.7	198.7			57194	☑	
333	Reflex			-44.7	198.8			57202	☑	
336	Reflex			-44.8	198.7			57220	☑	
339	Reflex			-44.7	198.7			57218	☑	
342	Reflex			-44.7	198.7			57211	☑	
345	Reflex			-44.7	198.7			57219	☑	
348	Reflex			-44.7	198.6			57225	☑	
351	Reflex			-44.7	198.5			57228	☑	
354	Reflex			-44.7	198.6			57225	☑	
357	Reflex			-44.8	198.4			57240	☑	
360	Reflex			-44.8	198.8			57256	☑	
363	Reflex			-44.8	198.5			57281	☑	
366	Reflex			-44.8	198.6			57304	☑	
369	Reflex			-44.8	198.6			57271	☑	
372	Reflex			-44.8	198.7			57270	☑	
375	Reflex			-44.7	198.8			57271	☑	
378	Reflex			-44.7	198.8			57281	☑	
381	Reflex			-44.7	198.9			57286	☑	
384	Reflex			-44.7	198.7			57272	☑	

Hole: PAC-20-025

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
387	Reflex			-44.7	198.9			57275	☑	
390	Reflex			-44.7	198.9			57318	☑	
393	Reflex			-44.6	199.1			57335	☑	
396	Reflex			-44.7	198.9			57347	☑	
399	Reflex			-44.7	199			57344	☑	
402	Reflex			-44.6	198.8			57349	☑	
405	Reflex			-44.6	198.9			57352	☑	
408	Reflex			-44.6	198.8			57359	☑	
411	Reflex			-44.6	198.6			57357	☑	
414	Reflex			-44.6	198.7			57351	☑	
417	Reflex			-44.6	198.7			57344	☑	
420	Reflex			-44.6	198.7			57341	☑	
423	Reflex			-44.6	198.7			57342	☑	
426	Reflex			-44.6	198.5			57342	☑	
429	Reflex			-44.6	198.7			57340	☑	
432	Reflex			-44.5	198.8			57331	☑	
435	Reflex			-44.6	198.6			57329	☑	
438	Reflex			-44.6	198.6			57325	☑	
441	Reflex			-44.6	198.7			57329	☑	
444	Reflex			-44.6	198.7			57307	☑	
447	Reflex			-44.6	198.8			57287	☑	
450	Reflex			-44.6	198.7			57271	☑	

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.50**	**OB Overburden**									
2.50	**24.85**	**E2 Intermediate GS1**	6.00	7.00	1.00	337635	0.0025				
Very dark grey to green unit. Fine grained with local visible plagioclase phenocryst typicaly 1mm in diameter. Low qz veining over the interval sub 1%. Extensive green epidote veinelts with no consistent angle 3%. Local very intense epidote/carbonate alte											
<<Alt: 6.8 - 7: strong Epidote>> Stw of epidte alt. Brecciating texture			7.00	8.00	1.00	337636	0.0025				
<<Alt: 7.7 - 7.9: intense Epidote / strong Calcite>> very strong mixed epidote carbonate alteration zone with well defined start and endInterval of strong pervassive mixed calcite and epidote alteration. Well defined upper and lower contacts.			8.00	9.00	1.00	337637	0.0025				
<<Alt: 17.1 - 17.6: intense Epidote / strong Calcite>> very strong mixed epidote, carbonate hematite alteration zone with well defined start and endInterval of strong pervassive mixed calcite and epidote alteration. Well defined upper and lower contacts.			16.00	17.00	1.00	337638	0.006				
<<Alt: 18.1 - 18.4: intense Epidote / strong Calcite>> very strong mixed epidote, carbonate hematite alteration zone with well defined start and endInterval of strong pervassive mixed calcite and epidote. Well defined upper and lower contacts.			17.00	18.00	1.00	337639	0.0025				
<<Vein: 7.7 - 7.9: Quartz vein contain >90% quartz>> Wavy light grey qz veinlet (1cm) within strong alteration interval. Trace related py min			18.00	19.00	1.00	337640	0.0025				
<<Vein: 18.1 - 18.15: Quartz vein contain >90% quartz>> Light grey sub vertical vein within strong zoned alteration. Trace related pyrite			19.00	20.00	1.00	337641	0.0025				
<<Struc: 6.8 - 7: weak Breccia>> Minor interval where epidote alt brecciates local wall rock											
24.85	**25.40**	**I2 Intermediate intrusive GS2**									
Dark grey intrusive with sharp upper and lower contact. Approx 20% subhedral pagioclase phenocryst(less plagioclase dominant relative to later ITI starting at 33.9m. 1 minor veinlet within with associated pyrite											
25.40	**32.55**	**E2 Intermediate GS1**									
Very dark grey to green unit. Fine grained with local visible plagioclase phenocryst typicaly 1mm in diameter. Low qz veining over the interval sub 1%. Extensive green epidote veinelts with no consistent angle 3%. Local very intense epidote/carbonate alte											
32.55	**32.90**	**I2 Intermediate intrusive GS2**									
Porphyritic intrusive with well defined upper and lower contact. Dark ground mass 30% plagioiclase phenocryst. Minor Qz mineralization throughout at approx 5-10%. Local potassic alteration trace amount of feldspars. Local epidte alt. trace veining. ~2% di											
32.90	**33.90**	**E2 Intermediate GS1**									
Lense of altered wall rock unit within Porphyritic intrusive, Upper contact is broken up and lower contact is sharp. 2% diss py. No veining. Minor hairline epidote alteration veinlets											
<<Alt: 33 - 33.5: moderate Epidote>> increased epidote veinlets and patchy alteration											

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
33.90	**43.50**	**I2 Intermediate intrusive GS2**	42.50	43.30	0.80	337642	0.0025				
Porphyritic intrusive with well defined upper and lower contact. Dark ground mass 30% plagioiclase phenocryst. Minor Qz mineralization throughout at approx 5-10%. Local potassic alteration trace amount of feldspars. Local epidte alt. trace veining. ~2% di											
<<Alt: 33.9 - 36: strong K-feldspar>> Weak to moderate pervassive red/brown potassic alteration. Stains the plagioclase phenocryst			43.30	44.50	1.20	337643	0.06				
<<Alt: 36 - 37.5: strong Epidote / strong K-feldspar>> Interval with pervassive green epidote. Associated with increased potassic alterationWeak to moderate pervassive red/brown potassic alteration. Stains the plagioclase phenocryst											
<<Alt: 37.5 - 39: strong K-feldspar>> Weak to moderate pervassive red/brown potassic alteration. Stains the plagioclase phenocryst											
43.50	**51.45**	**E2 Intermediate GS1**	44.50	45.60	1.10	337644	0.015				
Continuation of ITV from 2.50-32.55m with a reduction of alteration. Rock is very dark green/grey with minor very faint 1mm grains of (likely plagioclase). 2% epidote hairline veinlets											
<<Alt: 45.4 - 45.6: intense Epidote / strong Calcite>> well defined stongly altered zone. Mixed epidote and carbonate altIntervals of strong pervassive mixed calcite and epidote alt alteration. Well defined upper and lower contacts.			45.60	47.00	1.40	337645	0.012				
<<Vein: 45.5 - 45.6: Quartz vein contain >90% quartz>> Light grey 1cm qz vein marking lower contact of epidote/carbonate alteration zone. Very minor pyrite min on vein margins											
51.45	**53.25**	**I2 Intermediate intrusive GS2**									
Same intrusive described from 32.55-43.5m. Dark grey coloured ground mass with light off-white coloured subhedral plag phenocrysts (25%). Very weak pervassive potassic staining of the plagioclase. Very minor epidote veinlets. Trace to non existent qz vein											
53.25	**53.50**	**I3A1 Alkali Feldspar Granite GS1**									
Very Short red/pink intrusion within intermediate intrusive. Fine grained. Epidote alt on contacts. No veining within.											
53.50	**58.30**	**I2 Intermediate intrusive GS2**									
Same intrusive described from 32.55-43.5m. Dark grey coloured ground mass with light off-white coloured subhedral plag phenocrysts (25%). Very weak pervassive potassic staining of the plagioclase. Very minor epidote veinlets. Trace to non existent qz vein											
<<Vein: 57 - 57.2: Quartz vein contain >90% quartz>> Discontinuous vein with flooding texture. No sulphide min, alteration or representative trend											
58.30	**64.25**	**E1 mafic volcanics GS1**									
Dark green to grey fine grained mafic unit mix of patches and stringers of epidite alteration. Trace diss pyrite. 2 lenses of red granitic intrusions within with no assocaited veining or sulphide min. Trace veining.											
<<Alt: 61.2 - 61.3: moderate Epidote>> minor mixed calcite and epidote alteration veinlet											
<<Alt: 63.6 - 63.7: strong Calcite>> Stong calcite alt with large dissolution voids within rock											

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description
		<<Vein: 62.2 - 62.25: Quartz vein contain >90% quartz>> Grey qz vein with minor diss pyrite. Minor associated epite alt on margins
64.25	**64.55**	**I3A1 Alkali Feldspar Granite GS1**
		Typical red/pink very potassicly altered intrusive lense. Ground mass is homogeneous with biotite mineralization standing out from the red ground mass. 1 minor qz tension veinlet. No veining or alteration on contact
64.55	**66.20**	**E1 mafic volcanics GS1**
		Dark green to grey fine grained mafic unit mix of patches and stringers of epidite alteration. Trace diss pyrite. 2 lenses of red granitic intrusions within with no assocaited veining or sulphide min. Trace veining.
		<<Alt: 65.5 - 66.7: moderate Epidote / moderate K-feldspar>> Weak mixed pervassive/veinlets of epidote alterationWeak pervassive potassic alteration on upper contact of intermediate intrusive
66.20	**69.10**	**I2 Intermediate intrusive GS2**
		Return of the 51.45-58.3m ITI. Very dark grey groundmass with off-white plagioclase phenocryst. ~10% Qz and trace feldspars.
69.10	**77.80**	**E1 mafic volcanics GS1**
		Return of the 58.3-66.2 MFL. Dark green to grey colour, local epidote and alcite alteration. Minor veining at 75.5m associated with potassic alt. 2% diss pyrite with local increased in py intensity and grain size.
		<<Alt: 73.6 - 74.1: moderate K-feldspar>> potassic alteration associated with minor veinlets over the interval. Often associated with veining as well as other alteration.
		<<Alt: 75.5 - 75.7: moderate Epidote / strong K-feldspar>> epidote alt associated with veinpotassic alteration and epidote alt associated with vein
		<<Alt: 76.3 - 76.5: moderate Epidote / strong K-feldspar>> Alteration associated with margins of veins. Alteration is zonedAlteration associated with margins of veins. Alteration is zoned
		<<Vein: 75.5 - 75.7: Quartz vein contain >90% quartz>> trendless vein with strong wall rock alteration(Epidote/Potassic)
		<<Vein: 76.3 - 76.5: with sulphides>> Light grey qz veinlets with strong related wall rock alt. Disseminated pyrite in wall rock

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
59.00	60.00	1.00	337646	0.009				
60.00	61.00	1.00	337647	0.01				
61.00	62.00	1.00	337648	0.01				
62.00	63.00	1.00	337650	0.0025				
63.00	64.00	1.00	337651	0.0025				
64.00	65.00	1.00	337652	0.0025				
65.00	66.00	1.00	337653	0.0025				
66.00	67.00	1.00	337654	0.0025				
67.00	68.00	1.00	337655	0.0025				

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 77.4 - 77.5: Quartz-Carbonate vein contain 10-90% quartz>> Light grey qzcb vein with zoned related epidote and potassic alteration on vein margins									
			72.00	73.00	1.00	337656	0.009				
			73.00	74.00	1.00	337657	0.007				
			74.00	75.00	1.00	337658	0.0025				
			75.00	76.00	1.00	337659	0.0025				
			76.00	77.00	1.00	337660	0.0025				
			77.00	77.80	0.80	337661	0.0025				
			77.80	79.00	1.20	337662	0.0025				
77.80	**83.10**	**I2 Intermediate intrusive GS2** Altered intermediate porphyritic intrusive. Faint subhedral plagiclase phhenocrysts. Sharp upper contact with a faint transitional contact									
83.10	**88.60**	**E1 mafic volcanics GS1** Very dark green mafic unit with dark green amphibole grains. Pervassive weak mixed potassic and epidote alteration. Low 1-2% disseminated pyrite.									
88.60	**90.55**	**I3A1 Alkali Feldspar Granite GS2** Typical red felsic intrusive with 25% qz and feldspar min. entire interval is pervassively potassicly altered									
90.55	**99.40**	**E1 mafic volcanics GS3** Dark green to grey in colour with fine groundmass and medium to coarse grained phenocryst/grains.(Potentialy amphibolite). Altered dark green amphiboles are responsible for the large phenocrysts with pyroxnene making up the dark ground mass. SiO2 % confi									
99.40	**99.65**	**I2 Intermediate intrusive GS2** Well defined intrusive lense with grey ground mass and distinct euhedral 1-2mm plagioclase phenocrysts.									
99.65	**100.60**	**E1 mafic volcanics GS3** Dark green to grey in colour with fine groundmass and medium to coarse grained phenocryst/grains.(Potentialy amphibolite). Altered dark green amphiboles are responsible for the large phenocrysts with pyroxnene making up the dark ground mass. SiO2 % confi									
100.60	**100.90**	**I3A1 Alkali Feldspar Granite GS2** Short well defined typical potassicly stained felsic intrusive. Pervassive potassic red colour									
100.90	**121.70**	**E1 mafic volcanics GS3** Dark green to grey in colour with fine groundmass and medium to coarse grained phenocryst/grains.(Potentialy amphibolite). Altered dark green amphiboles are responsible for the large phenocrysts with pyroxnene making up the dark ground mass. SiO2 % confi									

Hole: PAC-20-025

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 101.1 - 101.2: Quartz-Carbonate vein contain 10-90% quartz>> Light grey qzcb veinlet with related red potassic alteration													
<<Struc: 105 - 106: weak Fault>> Broken up interval with very poor RQD													
121.70	**123.45**	**E2**	**Intermediate**	**GS1**									
Light grey to green intermediate volcanic unit. Texturaly relatively homogeneous unit with faint plagiocalse grains. 3% epidote veinlets with associated very weak potassic staining.Transitional upper contact from MFL and sharp lower contact													
<<Alt: 121.7 - 123.45: moderate Epidote / moderate K-feldspar>> Interval if increased hairline veinlets of epidote. Alteration associated with potassic alt/stainingweak pervassive potassic alt leading up to felsic int													
123.45	**124.10**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Typical potassic red felsic intrusive with sharp contacts and 2cm milky qz tension vein within. Epidote alt on break surface within intrusive. Lower contact is broken up													
124.10	**124.60**	**E2**	**Intermediate**	**GS1**									
Light grey to green intermediate volcanic unit. Texturaly relatively homogeneous unit with faint plagiocalse grains. 3% epidote veinlets with associated very weak potassic staining.Transitional upper contact from MFL and sharp lower contact													
124.60	**124.85**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Typical potassic red felsic intrusive with sharp contacts. Epidote alteration on upper contact													
124.85	**134.40**	**E2**	**Intermediate**	**GS1**									
Light grey to green intermediate volcanic unit. Texturaly relatively homogeneous unit with faint plagiocalse grains. 3% epidote veinlets with associated very weak potassic staining.Transitional upper contact from MFL and sharp lower contact													
134.40	**134.80**	**I1**	**Mafic intrusive**	**GS2**									
Heterogeneous mafic intrusive. Distinct from surround mafic flow due to the medium grained groundmass. Local patches of alteration throughout. Uper contact is well defined and lower contact is a transition into MFL. Epidote veinlets throughout the interva													
134.80	**135.10**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Typical potassic red felsic intrusive with sharp contacts. Epidote alteration on lower contact													
135.10	**145.50**	**I1**	**Mafic intrusive**	**GS2**	136.00	137.00	1.00	337663	0.0025				
Heterogeneous mafic intrusive. Distinct from surround mafic flow due to the medium grained groundmass. Local patches of alteration throughout. Uper contact is well defined and lower contact is a transition into MFL. Epidote veinlets throughout the interva													
<<Alt: 140 - 145: moderate Epidote / weak K-feldspar>> Interval of increased epidote veinlets and very weak pervassive epidote alt. associated with K alterationPatchy potassic alteration. Alteration most intense where epidote veinlets are most intense. Very weak pervassive stain over entire interval but domi					137.00	138.00	1.00	337664	0.0025				
<<Vein: 139.05 - 139.1: Quartz-Carbonate vein contain 10-90% quartz>> Qzcb vein with related deep red hematite alt. No sulphide min associated					138.00	139.00	1.00	337665	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 142 - 142.1: Quartz-Carbonate vein contain 10-90% quartz>> Light grey qzcb veinlet (5mm), related zoned epidote alt.	139.00	140.00	1.00	337666	0.0025				
		<<Struc: 138.05 - 138.4: weak Fault 25 deg. >> broken up zone with upper and lower contacts at approx 25 degrees TCA	140.00	141.00	1.00	337667	0.0025				
			141.00	142.00	1.00	337668	0.0025				
			142.00	143.00	1.00	337669	0.0025				
			143.00	144.00	1.00	337671	0.0025				
145.50	**163.00**	**E1 mafic volcanics GS1** Very dark green /grey mafic unit. Massive texture without visible flow textures or pillows. Minor 1mm subhedral plagiocalse phenocrysts mineralized throughout (5%). Local chlorite green altered clasts within. Minor 1% milky qz veinlets . local epidote alt									
163.00	**164.40**	**I3A1 Alkali Feldspar Granite GS2** Typical potassic stained red granite. Well defined upper and lower contact. Qz,K feldspar, biotite grains can all be observed and are the dominant mineral assemblage. no veining within									
164.40	**183.00**	**E1 mafic volcanics GS1** Very dark green /grey mafic unit. Massive texture without visible flow textures or pillows. Minor 1mm subhedral plagiocalse phenocrysts mineralized throughout (5%). Local chlorite green altered clasts within. Minor 1% milky qz veinlets . local epidote alt									
			181.50	183.00	1.50	337672	0.0025				
183.00	**183.80**	**I3A Granite GS2** light tan to grey silicified felsic intrusion. 3-4% disseminated pyrite within. Much less K alteration relative to other felsic intrusions. Sharp contacts. Minor potassicly stained qz veinlets throughout	183.00	183.85	0.85	337673	0.0025				
		<<Alt: 183 - 183.85: strong Silicification>> Pervassive qz flooding alteration. Intrusive is bleached									
183.80	**185.30**	**E1 mafic volcanics GS1** Very dark green /grey mafic unit. Massive texture without visible flow textures or pillows. Minor 1mm subhedral plagiocalse phenocrysts mineralized throughout (5%). Local chlorite green altered clasts within. Minor 1% milky qz veinlets . local epidote alt	183.85	185.25	1.40	337674	0.0025				
			185.25	186.50	1.25	337675	0.0025				
185.30	**189.00**	**I3A1 Alkali Feldspar Granite GS2** Typical strong potassic red coloured granitic intrusion. Texturally homogeneous over the interval. 4mm qz veinlet with Ga at 188m. Dominantly Qz,K-Feldspar and biotite.	186.50	187.60	1.10	337676	0.0025				
		<<Vein: 187.9 - 188.1: with sulphides>> Light grey 2mm qz veinlet with large 1mm galena grains within.	187.60	188.10	0.50	337677	0.008				
			188.10	189.00	0.90	337678	0.007				

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
189.00	**203.75**	**E2 Intermediate GS1**	189.00	190.00	1.00	337679	0.013				
Intermediate to potentialy mafic volcanic unit. Very massive with consistent fine grained texture. Local cl green altered fragments/clasts within are very well defined. Local green epidote veinlets and potassic alteraiton. ~1% milky qz/qzcb veining. Mino											
<<Alt: 189 - 191: weak K-feldspar>> Weak pervassive potassic alt following intrusive contact			190.00	191.10	1.10	337680	0.0025				
<<Alt: 194 - 194.5: moderate Epidote>> Interval of increased epidote veinlets			191.10	192.50	1.40	337681	0.0025				
<<Vein: 189.35 - 189.4: Quartz-Carbonate vein contain 10-90% quartz>> Light grey qzcb vein with chlorite alteration on margins. Zoned pervassive mix potassic and epidote alt in local wall rock			202.00	203.70	1.70	337682	0.0025				
<<Vein: 200.65 - 200.75: Quartz-Carbonate vein contain 10-90% quartz>> Milky to light grey vein with chlorite alteration on vein margins			203.70	204.40	0.70	337683	0.0025				
<<Struc: 189.5 - 189.75: strong Fault 25 deg. >> Well defined fault zone with very broken up rock and fault gauge.											
<<Struc: 190.9 - 191: moderate Fault 70 deg. >> Minor 5-10cm well defined fault with fault gauge.											
203.75	**207.35**	**I3A1 Alkali Feldspar Granite GS2**	204.40	205.10	0.70	337684	0.0025				
Pervassive potassic stained felsic intrusive with grains of feldspars(sub to anhedral) within. 1-2% disseminated pyrite. Minor green cl flakes within(3%). Biotite mineralization 5%											
<<Vein: 204.4 - 205.1: with sulphides>> Light grey qz veins near upper contact of felsic int, veins have flooding texture and are often discontinuous. Qz veinlet at 205m contains 3% pyrite and has well defined margins			205.10	206.00	0.90	337685	0.0025				
			206.00	207.40	1.40	337686	0.0025				
207.35	**218.30**	**E2 Intermediate GS1**	207.40	209.00	1.60	337687	0.0025				
Medium grey to green fine grained intermediate to mafic volcanic. Texturaly very simlar to previous MFL with lighter grey colour as well as increased qz. Likely part of a poorly fractionated volcanic pakage. Weak potassic and epidote alteration from minor											
<<Alt: 211.5 - 214: moderate Epidote / moderate K-feldspar>> epidote green veinlets increased over the interval.Increased potasssic alt associated with epidote alt / veinlets			217.00	218.00	1.00	337688	0.0025				
			218.00	219.00	1.00	337689	0.0025				
218.30	**219.50**	**I3A1 Alkali Feldspar Granite GS2**	219.00	220.50	1.50	337691	0.0025				
Homogenerous potassic red intrusion with consistent medium grained texture. Discontinuous qz veining within with minor related py min. Sharp contact. Minor pass of wall rock within from 218.9-219.25m											
<<Vein: 218.7 - 218.8: with sulphides>> Wavy discontinous milky qz vein with minor related py min											
219.50	**234.10**	**E2 Intermediate GS1**	220.50	222.00	1.50	337692	0.0025				
Medium grey to green fine grained intermediate to mafic volcanic. Texturaly very simlar to previous MFL with lighter grey colour as well as increased qz. Likely part of a poorly fractionated volcanic pakage. Weak potassic and epidote alteration from minor											

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 224.5 - 225: Quartz vein contain >90% quartz>> Flooding light grey qz stw interval. Veining realted potassic and epidote alteration. No related sulphide min	222.00	223.00	1.00	337693	0.0025				
			223.00	224.00	1.00	337694	0.0025				
			224.00	225.00	1.00	337695	0.0025				
			225.00	226.00	1.00	337696	0.0025				
234.10	**235.60**	**I3A1 Alkali Feldspar Granite GS2**									
		Same potassic red intrusion seen from 218.3-219.5m. Homogeneous. Qz k feldspar domianted. Minor green epidote on fracture faces and contacts. Unmineralized milky qz vein within.									
		<<Vein: 235.5 - 235.6: Quartz vein contain >90% quartz>> Milky qz vein with no related alt or sulphide min									
235.60	**252.20**	**E2 Intermediate GS1**	249.00	250.00	1.00	337697	0.0025				
		Medium grey to green fine grained intermediate to mafic volcanic. Texturaly very simlar to previous MFL with lighter grey colour as well as increased qz. Likely part of a poorly fractionated volcanic pakage. Weak potassic and epidote alteration from minor									
		<<Vein: 243.4 - 243.9: with sulphides>> Light grey shallow dipping qz vein with minor related py	250.00	251.00	1.00	337698	0.0025				
		<<Vein: 244.3 - 244.35: Quartz-Carbonate vein contain 10-90% quartz>> Light grey qz vein with local potassic alt in wall rock	251.00	252.20	1.20	337699	0.0025				
		<<Vein: 247.6 - 247.65: Quartz vein contain >90% quartz>> Milky qz veins with trace py and very faint potassic alt on margins									
		<<Vein: 251.8 - 252.2: Quartz vein contain >90% quartz>> Light grey qz stw interval with strong realted epidote alt leading up to contact with felsic int. no related sulphides. No representative vein angle									
252.20	**253.25**	**I3A Granite GS3**									
		Lense of porphyritic GRT described in lith1 starting at 254.75m.Sharp contacts. Large Qz and K feldspar grains. No qz veining within or alteration on contacts									
			252.20	253.25	1.05	337700	0.0025				
253.25	**254.75**	**E2 Intermediate GS1**									
		Medium grey to green fine grained intermediate to mafic volcanic. Texturaly very simlar to previous MFL with lighter grey colour as well as increased qz. Likely part of a poorly fractionated volcanic pakage. Weak potassic and epidote alteration from minor									
254.75	**260.65**	**I3A Granite GS3**									
		Porphyritc felsic intrusive that is tan coloured and less potassicly stained relative to the described AFG units. 5mm feldspar phenocrysts mineralized throughout with up to 3-5mm qz eyes. Low ~3% cl green altered patches									
		<<Vein: 256 - 256.15: Quartz vein contain >90% quartz>> Light grey qz vein with minor related epidote alt. Minor py on vein margins									

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 258.42 - 258.45: Quartz vein contain >90% quartz>> Sub vertical light grey 5mm qz vein with trace related py min													
260.65	**268.10**	**E2**	**Intermediate**	**GS1**									
grey to green, fine grained hard to distinguish between mafic and intermediate volcanic. Fine plagioclase phenocrysts sub 1mm throughout. Pervassive epidote veinlets. Low qz veining. Approx 60% SiO2 using the XRF													
<<Alt: 267.1 - 268.1: strong Epidote>> Mix of veinlets and pervassive alt													
					266.00	267.00	1.00	337701	0.0025				
					267.00	268.00	1.00	337702	0.0025				
					268.00	268.80	0.80	337703	0.0025				
268.10	**271.55**	**I3A1**	**Alkali Feldspar Granite**	**GS2**	268.80	269.50	0.70	337704	0.0025				
Potassic red intrusive with typical K feldspat, Qz dominated composition. Minor lense of intermediate unit within. Well defined interval with finer grainsed less potassic ground mass with large 2cm feldspar phenocrysts. Sharp contacts with granitic intrus													
<<Vein: 268.1 - 268.2: Quartz vein contain >90% quartz>> Light grey flooding qz vein on felsic intrusive contact					269.50	271.00	1.50	337705	0.0025				
<<Vein: 268.9 - 269.35: with sulphides>> Light grey flat lying qz vein with pyrite min on vein margins					271.00	272.50	1.50	337706	0.0025				
<<Vein: 270.8 - 270.85: Quartz vein contain >90% quartz>> Light grey qz vein with epidote alteration on vein margins. Epidote alteration brecciates wall rock													
271.55	**282.40**	**E2**	**Intermediate**	**GS1**									
grey/green intermediate unit. Possibly intrusive unit. Minor fragments of chlorite alt mafic rock within.													
<<Alt: 280 - 282.4: strong Epidote / strong K-feldspar>> Interval of very strong alteration leading up tp upper contact of felsic int.Weak to moderate pervassive alteration leading up to contact with AFG. Alteration stains small plagioclase phenocrysts													
282.40	**283.00**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Typical potassic red granitic intrusive with up to 6mm feldspar phenocrysts. Interval is strongly silicified. Pervassive epidote veinlets within as well as pervassive epidote alt on the contact.													
283.00	**283.40**	**I2**	**Intermediate intrusive**	**GS2**	283.00	284.00	1.00	337707	0.0025				
Green/tan coloured, Medium grained crystaline texture. Pervassive epidote alt. Sharp contacts													
283.40	**284.50**	**I3A1**	**Alkali Feldspar Granite**	**GS3**									
Typical potassic red granitic intrusive with up to 6mm feldspar phenocrysts. Interval is strongly silicified. Pervassive epidote veinlets within as well as pervassive epidote alt on the contact.													
<<Vein: 284.3 - 284.4: with sulphides>> Light grey qz vein with minor py grains within vein													
					284.00	285.00	1.00	337708	0.007				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
284.50	**284.90**	**I2 Intermediate intrusive GS2**									
Green/tan coulred, Medium grianed crystaline texture. Pervassive epidote alt. Sharp contacts											
284.90	**287.65**	**I3A1 Alkali Feldspar Granite GS3**									
Typical potassic red granitic intrusive with up to 6mm feldspar phenocrysts. Interval is strongly silicified. Pervassive epidote veinlets within as well as pervassive epidote alt on the contact.											
<<Alt: 287.4 - 287.65: intense Epidote>> Very strong alt marking lower contact of felsic int											
<<Vein: 285.45 - 285.55: Quartz vein contain >90% quartz>> Light grey qz tension vein with minor py min											
<<Vein: 286.8 - 287.65: Quartz-Carbonate vein contain 10-90% quartz>> Light grey compression/tension vein on lower contact of felsic int. Strong epidote alt associated with veins. Trace py											
			285.00	286.00	1.00	337709	0.0025				
			286.00	287.00	1.00	337711	0.0025				
			287.00	288.00	1.00	337712	0.0025				
287.65	**290.40**	**E2 Intermediate GS2**									
Heterogeous green/grey unit. Pervassive sub to anhedral plagiocalse phenocryst over the interval. Rock is hard to classify due to the mix textures observed. Rock is likely a interediate volcanic or intrusive. Pervassive epidote veinlets throughout the int											
			288.00	289.00	1.00	337713	0.0025				
290.40	**290.80**	**I3A1 Alkali Feldspar Granite GS2**									
lense of potasssic red intrusive with very strong epidote alteration on margins											
<<Alt: 290.4 - 291: intense Epidote>> Very storng epdiote alt on upper and lower contact of minor AFG intrusion											
290.80	**302.80**	**E2 Intermediate GS2**									
Heterogeous green/grey unit. Pervassive sub to anhedral plagiocalse phenocryst over the interval. Rock is hard to classify due to the mix textures observed. Rock is likely a interediate volcanic or intrusive. Pervassive epidote veinlets throughout the int											
<<Alt: 301.5 - 306.5: strong Epidote>> Interval of mixed pervasssive alt and increased veinlets.											
302.80	**302.90**	**I3A1 Alkali Feldspar Granite GS2**									
Typical red potassic granitc intrusive, epidote veinlets within											
302.90	**303.30**	**E2 Intermediate GS2**									
Heterogeous green/grey unit. Pervassive sub to anhedral plagiocalse phenocryst over the interval. Rock is hard to classify due to the mix textures observed. Rock is likely a interediate volcanic or intrusive. Pervassive epidote veinlets throughout the int											

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
303.30	**303.60**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Typical red potassic granitc intrusive . Light grey qz vein with no related sulphide min												
<<Vein: 303.3 - 303.4: Quartz vein contain >90% quartz>> Light grey qz vein with no related sulphide min. Flooding texture with no rep angle												
303.60	**306.50**	**E2** **Intermediate**	**GS2**									
Heterogeous green/grey unit. Pervassive sub to anhedral plagiocalse phenocryst over the interval. Rock is hard to classify due to the mix textures observed. Rock is likely a interediate volcanic or intrusive. Pervassive epidote veinlets throughout the int												
306.50	**306.80**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Typical red potassic granitc intrusive, green epidote veinlets												
306.80	**321.50**	**E2** **Intermediate**	**GS2**									
Heterogeous green/grey unit. Pervassive sub to anhedral plagiocalse phenocryst over the interval. Rock is hard to classify due to the mix textures observed. Rock is likely a interediate volcanic or intrusive. Pervassive epidote veinlets throughout the int												
<<Alt: 317.5 - 320: strong Hematitic>> Pervassive hemaite at within fault gauge zone and on fracture faces within rubble zone												
<<Alt: 321 - 350.8: strong Epidote>> Pervassive epidote alteration following fault zone. Relatively consistent alteration intensity over the interval. Epidote alt very weakly manifested within felsic intrusive lenses												
<<Vein: 319.4 - 319.5: Quartz vein contain >90% quartz>> milky qz vein within fault zone												
<<Vein: 320 - 321.3: Quartz vein contain >90% quartz>> Highly broken up stw within fault zone. Only angular vein fragments. No related sulphide min												
<<Struc: 316.8 - 321.5: strong Fault>> Major fault centered around fault gauge zone from 318.3-319.8m. Fault gauge zone is shouldered by rubble zone. Fault zone is not healed by qz flooding but does contain very minor veining												
				312.00	313.00	1.00	337714	0.0025				
				313.00	314.00	1.00	337715	0.0025				
				314.00	315.00	1.00	337716	0.0025				
				315.00	316.00	1.00	337717	0.0025				
				316.00	317.00	1.00	337718	0.006				
				317.00	318.00	1.00	337719	0.0025				
				318.00	319.00	1.00	337720	0.0025				
				319.00	320.00	1.00	337721	0.008				
				320.00	321.00	1.00	337722	0.0025				
				321.00	322.00	1.00	337723	0.0025				

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From (m)	To (m)	Rock Type & Description		
321.50	**329.30**	**E2** **Intermediate**		**GS1**
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat				
<<Vein: 321.6 - 321.7: Quartz vein contain >90% quartz>> Milky qz vein with minor dark cl alteration on vein margins				
329.30	**329.60**	**I3A1** **Alkali Feldspar Granite**		**GS2**
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py				
329.60	**330.70**	**E2** **Intermediate**		**GS1**
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat				
330.70	**331.15**	**I3A1** **Alkali Feldspar Granite**		**GS2**
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py				
331.15	**332.30**	**E2** **Intermediate**		**GS1**
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat				
332.30	**332.80**	**I3A1** **Alkali Feldspar Granite**		**GS2**
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py				
332.80	**334.50**	**E2** **Intermediate**		**GS1**
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat				
334.50	**337.15**	**I3A1** **Alkali Feldspar Granite**		**GS2**
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py				
337.15	**340.00**	**E2** **Intermediate**		**GS1**
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
322.00	323.50	1.50	337724	0.0025				
323.50	325.00	1.50	337725	0.006				
325.00	326.50	1.50	337726	0.0025				

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
340.00	**340.50**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py												
340.50	**342.00**	**E2 Intermediate**	**GS1**									
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat												
342.00	**342.30**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py												
342.30	**342.80**	**E2 Intermediate**	**GS1**									
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat												
342.80	**343.50**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Deep potassic/hematite red felsic intrusive lense with very wavy trendless contacts. Grain size varies over the interval with rare large feldspar phenocrysts. Silicified but very low to non existent qz veining. Trace diss py												
343.50	**360.50**	**E2 Intermediate**	**GS1**									
heterogeneous , strongly altered continuation of intermediate volcanic post fault. Strong pervasssive epidote alteation iver the interval. Low sub 1% qz veining. Approx 20 felsic intrusions cut the intermediate volcanic ranginf from 5-250cm.Large carbonat												
<<Min: 350.7 - 352: 2% pyrite>> Interval with large pop marks from weathered pyrite. Minor py remaining.												
<<Alt: 350.8 - 352.2: strong Epidote / strong Hematitic>> Pervassive epidote alteration following fault zone. Relatively consistent alteration intensity over the interval. Epidote alt very weakly manifested within felsic intrusive lensesdeep hematite red interval with most intense alt concentrated where former p												
<<Alt: 352.2 - 360: strong Epidote / moderate Calcite>> Pervassive epidote alteration following fault zone. Relatively consistent alteration intensity over the interval. Epidote alt very weakly manifested within felsic intrusive lensesPervassive calcite partially dissolved calcite veinlets. Calcite dissolution												
<<Alt: 360 - 360.5: strong Epidote>> Pervassive epidote alteration following fault zone. Relatively consistent alteration intensity over the interval. Epidote alt very weakly manifested within felsic intrusive lenses												
360.50	**363.50**	**I3B Tonalite**	**GS2**	362.00	363.00	1.00	337727	0.0025				
Hematite red felsic intrusion dominated by plagioclase and Qz with a mix of pervassive hematite alt and veinlets of hematite alt. Minor lense of intermediate volcanic unit.												
<<Alt: 360.5 - 363.5: intense Hematitic>> Very strong pervassive alteration maes protolith difficult to ID				363.00	364.00	1.00	337728	0.0025				

Hole: PAC-20-025

From (m)	To (m)		Rock Type & Description	
363.50	**365.00**	**E2**	**Intermediate**	**GS1**

Lense of strongly altered intermediate volcanic within intrusion. Very strong pervassive epidote alteration. Pervassvie calcite min and calcite disolution pop mark/voids

<<Alt: 363.5 - 365: intense Epidote>> Strongly epidote altered lense of intermediate volcanic within felsic int.

365.00	**370.20**	**I3B**	**Tonalite**	**GS2**

Hematite red felsic intrusion dominated by plagioclase and Qz with a mix of pervassive hematite alt and veinlets of hematite alt. Minor lense of intermediate volcanic unit.

<<Alt: 365 - 370.2: intense Hematitic>> Strong hematite alt of tonaltite. Gives entire unit a bright red colour

370.20	**378.10**	**I2**	**Intermediate intrusive**	**GS1**

Highly altered light grey unit with consistent fine grained crytaline ground mass. Pervassive strong epidote alt and minor chlorite min. Minor xenoliths of felsic intrusive within. No qz veining over the interval

<<Alt: 370.2 - 370.5: strong Epidote / intense Hematitic>> Moderate to strong epidote alt throughout intermediate intrusive. Not observed within felsic intrusionsStrong hematite alt of tonaltite. Gives entire unit a bright red colour

<<Alt: 370.5 - 378: strong Epidote>> Moderate to strong epidote alt throughout intermediate intrusive. Not observed within felsic intrusions

378.10	**378.50**	**I3B**	**Tonalite**	**GS3**

Interval of Qz and Plagioclase phenocrysts.Minor biotite min 3-5% Very strong hematite alteration in the form of veinlets and pervasssive. Very low qz veining within.

<<Alt: 378.1 - 387: complete Hematitic>> strong hematite alteration/staining of TNL unit. Strong throughout with little local variation

378.50	**380.70**	**I2**	**Intermediate intrusive**	**GS1**

Fine grained homogeneous crystaline intermediate unit. Strong mixed epidote and chlorite alteration. No veining

380.70	**387.00**	**I3B**	**Tonalite**	**GS3**

Interval of Qz and Plagioclase phenocrysts.Minor biotite min 3-5% Very strong hematite alteration in the form of veinlets and pervasssive. Very low qz veining within.

387.00	**388.45**	**I2**	**Intermediate intrusive**	**GS2**

Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no

<<Alt: 387 - 431: moderate Epidote>> Moderate to strong epidote alt throughout intermediate intrusive. Not observed within felsic intrusions

388.45	**389.10**	**I3A1**	**Alkali Feldspar Granite**	**GS2**

Interval dominated by lense of potassic red felsic intrusions. Epidote alt on margins.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
364.00	365.00	1.00	337729	0.0025				
365.00	366.00	1.00	337730	0.0025				

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
389.10	**391.00**	**I2** **Intermediate intrusive**	**GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no												
391.00	**391.25**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Interval dominated by lense of potassic red felsic intrusions. Epidote alt on margins.												
391.25	**392.70**	**I2** **Intermediate intrusive**	**GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no												
392.70	**393.50**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Potassic red felsic intrusions with plagioclase phenocrysts throughout. Related epidote alt												
393.50	**395.00**	**I2** **Intermediate intrusive**	**GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no												
395.00	**395.85**	**I3B** **Tonalite**	**GS3**									
Qz plagioclase dominated unit with pervassive hematite alteration in the form of veinlets. Minor potassic pink staining. Sharp contacts at 60degrees TCA												
395.85	**397.20**	**I2** **Intermediate intrusive**	**GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no												
397.20	**398.25**	**I3B** **Tonalite**	**GS3**									
Qz plagioclase dominated lithology with very strong hematite alteration. Large up to 3cm plagioclase phenocrysts within. Sharp contacts marked by minor increased epidote alt realtive to wall rock baseline.												
398.25	**403.40**	**I2** **Intermediate intrusive**	**GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no												
403.40	**404.00**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Typical homogeneous medium grained crystaline potassicly stained felsic int. Sharp contacts												

Hole: PAC-20-025

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
404.00	**405.00**	**I2 Intermediate intrusive GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no											
405.00	**406.50**	**I1 Mafic intrusive GS2**									
Dark green medium grained homogeneous mafic intrusion, distinct contacts with intermediate intrusion. Dominated by amphiboles pyroxene and minor plag. Weak pervassive epidote alt throughout											
406.50	**436.90**	**I2 Intermediate intrusive GS2**									
Fine to medium grained relatively homogeneous intermediate intrusive. Minor Qz mineralization. Plagiocalse phenocrysts mineralzied over the interval. Strong pervassive epidote alteration. Mix of AKG and Tonalite intrusions within. Felsic intrusions are no											
<<Vein: 414.9 - 415: Quartz vein contain >90% quartz>> 1cm Milky qz vein with no associated sulphide min or alteration											
436.90	**441.65**	**I3A1 Alkali Feldspar Granite GS2**									
Strongly Potassicly and hemaite stained red felsic intrusive. Faint patches/veinlets of epidote within. Intrusion is strongly silicified. Mix plagioclase and k feldspar phenocryst. Wavy but sharp upper and lower contacts											
441.65	**450.00**	**I2 Intermediate intrusive GS2**									
green fine grained crytaline rock. Pervasssive dominant mix epidote and dark green colour. Faint tan coloured potassicly stained plagioclase phenocrysts. Local potasssic alteration											

End of Hole @ 450

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-026

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-05	**Core Size:**	NQ
UTM East:	436859.51	**Azimuth:**	17	**Date Completed:**	2020-04-08	**Casing Pulled?:**	☐
UTM North:	5642667.79	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	396	**Length (m):**	429	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-49.4	17.1			57585	☑	
15	Reflex			-49.6	17.2			57255	☑	
21	Reflex			-49.4	16.9			57182	☑	
24	Reflex			-49.4	16.9			57168	☑	
30	Reflex			-49.4	17.1			57164	☑	
33	Reflex			-49.6	17.3			57164	☑	
36	Reflex			-49.4	17			57100	☑	
39	Reflex			-49.3	17.2			57113	☑	
42	Reflex			-49.3	17.3			57145	☑	
51	Reflex			-49.3	17			57091	☑	
54	Reflex			-49.3	17.2			57055	☑	
57	Reflex			-49.3	17.5			57014	☑	
60	Reflex			-49.3	17.5			57142	☑	

Hole: PAC-20-026

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
63	Reflex			-49.3	17.4			57060	☑	
66	Reflex			-49.4	17.4			57081	☑	
69	Reflex			-49.4	17.3			57089	☑	
72	Reflex			-49.4	17.4			57079	☑	
75	Reflex			-49.4	17.5			57096	☑	
78	Reflex			-49.4	17.6			57045	☑	
81	Reflex			-49.4	17.4			57078	☑	
84	Reflex			-49.4	17.4			57077	☑	
87	Reflex			-49.4	17.5			57074	☑	
90	Reflex			-49.4	17.4			57085	☑	
93	Reflex			-49.4	17.5			57085	☑	
96	Reflex			-49.4	17.7			57111	☑	
99	Reflex			-49.4	18.1			56995	☑	
102	Reflex			-49.3	17.5			57053	☑	
105	Reflex			-49.3	17.8			56947	☑	
108	Reflex			-49.3	17.9			57074	☑	
111	Reflex			-49.3	18.1			57028	☑	
117	Reflex			-49.3	17.8			57116	☑	
120	Reflex			-49.4	17.9			57081	☑	
123	Reflex			-49.4	18.1			57153	☑	
129	Reflex			-49.3	17.8			57077	☑	
132	Reflex			-49.2	17.9			57062	☑	
135	Reflex			-49.3	17.9			57058	☑	
138	Reflex			-49.2	17.8			57094	☑	

Hole: PAC-20-026

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	Reflex			-49.2	17.7			57065	☑	
147	Reflex			-49.2	17.9			57088	☑	
150	Reflex			-49.2	17.8			57078	☑	
153	Reflex			-49.1	17.9			57075	☑	
156	Reflex			-49.2	17.8			57080	☑	
159	Reflex			-49.1	18			57089	☑	
162	Reflex			-49.1	17.9			57083	☑	
165	Reflex			-49	17.9			57072	☑	
168	Reflex			-49.1	17.9			57098	☑	
171	Reflex			-49	17.9			57071	☑	
174	Reflex			-49	18			57081	☑	
177	Reflex			-49	18			57077	☑	
180	Reflex			-49.1	18			57094	☑	
183	Reflex			-49.1	18.1			57072	☑	
186	Reflex			-49	18			57086	☑	
189	Reflex			-49.1	18.3			57109	☑	
192	Reflex			-49	18.2			57051	☑	
195	Reflex			-49.1	18.2			57071	☑	
198	Reflex			-49.1	18.3			57047	☑	
204	Reflex			-49	18.3			57078	☑	
210	Reflex			-48.9	18.4			57030	☑	
213	Reflex			-48.9	18.5			57008	☑	
216	Reflex			-48.9	18.8			57043	☑	
219	Reflex			-48.9	18.9			57184	☑	

Hole: PAC-20-026

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
222	Reflex			-48.9	18.5			57158	☑	
228	Reflex			-49.1	18.7			57110	☑	
231	Reflex			-49.1	18.9			57101	☑	
234	Reflex			-49	19.1			57131	☑	
237	Reflex			-49	19			57073	☑	
240	Reflex			-49	18.9			57074	☑	
249	Reflex			-49.1	19.3			57057	☑	
252	Reflex			-49	19.1			57118	☑	
255	Reflex			-49.1	19.2			57094	☑	
258	Reflex			-49.1	19.4			57057	☑	
261	Reflex			-49.1	19.5			57092	☑	
264	Reflex			-49	19.3			57119	☑	
267	Reflex			-49.1	19.5			57113	☑	
270	Reflex			-49.1	19.5			57126	☑	
273	Reflex			-49	19.5			57101	☑	
276	Reflex			-49	19.6			57095	☑	
279	Reflex			-48.9	19.5			57096	☑	
282	Reflex			-48.9	19.5			57081	☑	
285	Reflex			-48.9	19.7			57132	☑	
288	Reflex			-48.9	19.5			57104	☑	
294	Reflex			-48.8	19.7			57100	☑	
297	Reflex			-48.8	19.6			57110	☑	
300	Reflex			-48.8	19.6			57110	☑	
303	Reflex			-48.8	19.6			57089	☑	

Hole: PAC-20-026

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
306	Reflex			-48.8	19.7			57092	☑	
309	Reflex			-48.7	19.9			57092	☑	
312	Reflex			-48.7	20.4			57061	☑	
315	Reflex			-48.7	20.1			57094	☑	
318	Reflex			-48.7	20.3			57084	☑	
321	Reflex			-48.7	20.6			57090	☑	
324	Reflex			-48.8	20.4			57103	☑	
327	Reflex			-48.8	20.5			57099	☑	
330	Reflex			-48.8	20.8			57079	☑	
333	Reflex			-48.8	20.9			57098	☑	
336	Reflex			-48.8	20.8			57113	☑	
339	Reflex			-48.8	21			57097	☑	
342	Reflex			-48.8	21.1			57127	☑	
345	Reflex			-48.8	21.1			57120	☑	
348	Reflex			-48.7	21.2			57106	☑	
351	Reflex			-48.8	21.3			57054	☑	
354	Reflex			-48.9	21.2			57105	☑	
357	Reflex			-48.9	21.3			57077	☑	
360	Reflex			-48.8	21.5			57133	☑	
363	Reflex			-48.8	21.4			57107	☑	
366	Reflex			-48.8	21.4			57125	☑	
369	Reflex			-48.9	21.5			57094	☑	
372	Reflex			-48.8	21.6			57117	☑	
375	Reflex			-48.9	21.6			57106	☑	

Hole: PAC-20-026

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
378	Reflex			-48.9	21.6			57122	☑	
381	Reflex			-48.9	21.9			57111	☑	
384	Reflex			-48.8	21.7			57116	☑	
387	Reflex			-48.8	21.9			57111	☑	
390	Reflex			-48.9	22			57104	☑	
393	Reflex			-48.8	21.8			57105	☑	
396	Reflex			-48.8	22.1			57087	☑	
399	Reflex			-48.8	22			57077	☑	
402	Reflex			-48.8	22.1			57099	☑	
405	Reflex			-48.9	22.1			57086	☑	
408	Reflex			-48.9	22.2			57065	☑	
411	Reflex			-48.8	22.1			57083	☑	
414	Reflex			-48.8	22.1			57079	☑	
417	Reflex			-48.8	22.2			57074	☑	
420	Reflex			-48.8	22.3			57075	☑	
423	Reflex			-48.8	22.4			57073	☑	
426	Reflex			-48.8	22.4			57071	☑	
429	Reflex			-48.8	22.5			57065	☑	

Hole: PAC-20-026

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.74**	**OB**	**Overburden**										
2.74	**76.70**	**E2**	**Intermediate**	**GS1**	13.50	15.00	1.50	338001	0.011				
Dark green-grey to light green grey fine grained intermediate volcanic. Mineral assemblage is dominated by chlorite, quartz and lesser plagioclase. Small 0.5-1.5mm subhedral white plagioclase crystals throughout. Patchy epidote alteration throughout, most													
<<Min: 10.5 - 11.3: 2% pyrite>>					15.00	16.00	1.00	338002	0.006				
<<Min: 47.8 - 50: 2% pyrite>>					16.00	17.50	1.50	338003	0.0025				
<<Alt: 12 - 18: moderate K-feldspar>>					27.50	29.00	1.50	338004	0.0025				
<<Alt: 18 - 18.5: strong K-feldspar>>					29.00	30.00	1.00	338005	0.02				
<<Alt: 18.5 - 23: moderate Epidote / strong K-feldspar>> Hairline fractures with epidote, disseminated throughout					30.00	31.50	1.50	338006	0.0025				
<<Alt: 31.7 - 31.8: moderate K-feldspar>>					31.50	33.00	1.50	338007	0.0025				
<<Alt: 31.8 - 31.9: moderate Epidote / moderate K-feldspar>>					46.50	48.00	1.50	338008	0.0025				
<<Alt: 31.9 - 32.5: moderate K-feldspar>>					48.00	49.50	1.50	338009	0.007				
<<Alt: 32.5 - 33: moderate Epidote / moderate K-feldspar>>					49.50	51.00	1.50	338010	0.0025				
<<Alt: 33 - 36: moderate K-feldspar>>					61.00	62.40	1.40	338011	0.0025				
<<Alt: 42.5 - 45: moderate K-feldspar>>					62.40	62.90	0.50	338012	0.009				
<<Alt: 46.3 - 49: moderate K-feldspar>>					62.90	64.00	1.10	338013	0.0025				
<<Alt: 54 - 56: strong K-feldspar>>					64.00	65.50	1.50	338014	0.0025				
<<Alt: 56 - 57: moderate Epidote / strong K-feldspar>>					65.50	67.00	1.50	338015	0.0025				
<<Alt: 57 - 57.5: strong K-feldspar>>													
<<Alt: 61 - 61.2: moderate Epidote>>													
<<Alt: 70 - 73: moderate K-feldspar>>													
<<Vein: 15.55 - 15.7: Carbonate vein contain 0-10% quartz>> Opaque carbonate veins with epidote alteration													
<<Vein: 29.5 - 29.55: Quartz vein contain >90% quartz>> Light grey translucent quartz vein													
<<Vein: 62.55 - 62.65: with sulphides>> White opaque qv													
76.70	**85.70**	**I1**	**Mafic intrusive**	**GS1**									
Dark undersaturated green mafic intrusion. Relatively massive, equigranular, high interstitial quartz rich matrix for a mafic intrusion, weak disseminated epidoted alteration and fine grained pyrite mineralization. Low upper and lower angle core angle.													
<<Vein: 79.35 - 79.37: with sulphides>> White opaque crystaline qv													
					78.00	79.00	1.00	338016	0.0025				

Hole: PAC-20-026

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			79.00	79.50	0.50	338017	0.0025				
			79.50	80.50	1.00	338018	0.0025				
			84.00	85.00	1.00	338019	0.0025				
			85.00	86.00	1.00	338021	0.0025				
85.70	**98.33**	**E2 Intermediate**									
Medium to dark grey intermediate bimodal volcanic. Groundmass is grey and fine grained, mineral constituents are dominated by grey quartz, lesser chlorite, lesser biotite. ~10-15% subhedral medium grained white plagioclase crystals. Weakly disseminated fi											
<<Min: 90 - 94: 2% pyrite>>											
			86.00	87.00	1.00	338022	0.0025				
98.33	**99.10**	**I1 Mafic intrusive GS1**									
Dark green intrusion, planar upper and lower contacts. Crosscutting chlorite rich interval, quartz rich groundmass, very thin carbonate veining, weak epidote alteration.											
99.10	**105.00**	**E2 Intermediate**									
Medium to dark grey intermediate bimodal volcanic. Groundmass is grey and fine grained, mineral constituents are dominated by grey quartz, lesser chlorite, lesser biotite. ~10-15% subhedral medium grained white plagioclase crystals. Weakly disseminated fi											
<<Min: 104.5 - 105.9: 2% pyrite>>											
			104.50	105.50	1.00	338023	0.069				
105.00	**107.40**	**I2 Intermediate intrusive GS1**	105.50	106.00	0.50	338024	0.028				
Light grey intermediate intrusion with strong iddseminated pyrite mineralization throughout. Fine grained disseminated biotite throuhgout. Anhedral 5-15mm beige feldspar crystals peppered through interval. Contacts are not distinct, perhaps alteration ble											
<<Vein: 105.85 - 105.92: Quartz vein contain >90% quartz>> Light grey opaque vein			106.00	107.00	1.00	338025	0.012				
107.40	**108.19**	**E2 Intermediate**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase crystals throughout interval. Small blotches of											
108.19	**109.10**	**I1 Mafic intrusive GS1**									
Dark green mafic intrusion. Chlorite rich, quartz poor. Upper contact mixed and non distinct.											

Hole: PAC-20-026

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
109.10	**114.17**	**E2**	**Intermediate**										
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase crystals throughout interval. Small blotches of													
114.17	**115.31**	**I2**	**Intermediate intrusive**	**GS1**									
Grey intermediate intrusion. Distinct planar upper and lower contacts, intruded by several small mafic intrusions. Medium grained euhedral plagioclase and biotite set in fine grained quartz rich groundmass. Biotite forms in patchy books, plagioclase forms													
115.31	**116.44**	**I1**	**Mafic intrusive**	**GS1**									
Green grey mafic intrusion. Distinct upper and lower contacts. Matrix is massive with occasional medium grained chlorite crystals.													
116.44	**118.10**	**I2**	**Intermediate intrusive**	**GS1**									
Grey intermediate intrusion. Distinct planar upper and lower contacts, intruded by several small mafic intrusions. Medium grained euhedral plagioclase and biotite set in fine grained quartz rich groundmass. Biotite forms in patchy books, plagioclase forms													
118.10	**118.32**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion with distinct upper and lower contacts. Siliceous alteration from host intermediate bleeds into interval lightening it.													
118.32	**119.37**	**I2**	**Intermediate intrusive**	**GS1**									
Grey intermediate intrusion. Distinct planar upper and lower contacts, intruded by several small mafic intrusions. Medium grained euhedral plagioclase and biotite set in fine grained quartz rich groundmass. Biotite forms in patchy books, plagioclase forms													
119.37	**119.65**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion with aligned blotched of potassic alteration. Strong disseminated epidote alteration. Aligned elongated blotches of potassic replacement alteration.													
119.65	**120.43**	**I2**	**Intermediate intrusive**	**GS1**									
Grey intermediate intrusion. Distinct planar upper and lower contacts, intruded by several small mafic intrusions. Medium grained euhedral plagioclase and biotite set in fine grained quartz rich groundmass. Biotite forms in patchy books, plagioclase forms													
120.43	**125.90**	**E2**	**Intermediate**	**GS1**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva													
125.90	**126.82**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion with small blotches of quartz.													

Hole: PAC-20-026

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
126.82	**129.59**	**E2**	**Intermediate**	**GS1**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva													
129.59	**130.21**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion, local disseminated pyrite mineralization, potassic alteration in boundary proximal fractures.													
130.21	**137.92**	**E2**	**Intermediate**	**GS1**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva													
137.92	**138.20**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion with alteration in fractures proximal to contacts.													
138.20	**164.47**	**E2**	**Intermediate**	**GS1**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva													
<<Min: 159.5 - 160.7: 2% pyrite>>													
<<Alt: 141 - 144: moderate K-feldspar>>													
<<Alt: 144 - 145.4: strong Epidote / intense K-feldspar>>													
<<Alt: 145.4 - 146.7: intense K-feldspar>>													
<<Alt: 146.7 - 149: moderate K-feldspar>>													
<<Vein: 152.5 - 152.52: Quartz vein contain >90% quartz>> Light grey qv, proximal to py, but none with vein													
<<Vein: 154.55 - 154.57: Quartz vein contain >90% quartz>> Light grey, trace py, likely from host rock													
<<Struc: 144 - 145.4: strong Breccia>> Strong, discreet, alteration breccia. Strong potassic and light green potassic/sericite fracture fill alteration.													
					142.50	144.00	1.50	338026	0.016				
					144.00	144.75	0.75	338027	0.0025				
					144.75	145.50	0.75	338028	0.0025				
					145.50	147.00	1.50	338029	0.005				
					147.00	148.50	1.50	338030	0.014				
					148.50	150.00	1.50	338031	0.02				
					150.00	151.50	1.50	338032	0.02				

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From (m)	To (m)	Rock Type & Description		
164.47	**166.48**	**I2 Intermediate intrusive**		**GS1**
Massive quartz flooded grey intermediate intrusion. Distinct upper and lower contacts. Interval neal lower contact is less obscure and exposes weakly porphyritic texture; medium grained quartz? Phenocrysts set in obscured intermediate groundmass.				
<<Alt: 164.55 - 166: strong Silicification>>				
166.48	**167.48**	**I2 Intermediate intrusive**		**GS1**
Similar to above ITI, less obscured, distinct fine plagioclase crystals set in quartz dominated amorphous groundmass.				
167.48	**173.70**	**E2 Intermediate**		**GS1**
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva				
173.70	**174.17**	**I1 Mafic intrusive**		**GS1**
Low angle brecciating dark green mafic intrusion.				
174.17	**180.16**	**E2 Intermediate**		**GS1**
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva				
<<Alt: 175.5 - 178.5: moderate Epidote / moderate K-feldspar>>				
<<Alt: 178.5 - 178.7: moderate Epidote>>				
180.16	**180.41**	**I3A Granite**		**GS0**
Light orange aplitic granitoid intrusion. Fine grained biotite.				
180.41	**185.66**	**E2 Intermediate**		**GS1**
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
151.50	153.00	1.50	338033	0.027				
153.00	154.65	1.65	338034	0.047				
156.75	158.00	1.25	338035	0.179				
158.00	159.50	1.50	338036	0.021				
159.50	161.00	1.50	338037	0.094				
166.00	167.00	1.00	338038	0.033				
167.00	168.00	1.00	338039	0.021				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
185.66	**187.15**	**I1 Mafic intrusive**	**GS2**									
Medium green mafic intrusion. Has a dioritic texture, moderate quartz component, medium grained.												
187.15	**191.20**	**E2 Intermediate**	**GS1**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva												
<<Alt: 187.2 - 188.2: moderate K-feldspar>>												
<<Alt: 188.2 - 189.2: strong Epidote / moderate K-feldspar>>												
<<Alt: 189.2 - 195.5: moderate K-feldspar>>												
				187.40	189.00	1.60	338040	0.006				
				189.00	190.50	1.50	338041	0.013				
				190.50	191.30	0.80	338042	0.036				
191.20	**192.56**	**I1 Mafic intrusive**	**GS1**									
Medium to dark green mafic intrusion. Hairline fracture epidote alteration. Fine to medium grained euhedral pyrite near lower contact.												
192.56	**202.16**	**E2 Intermediate**	**GS1**									
Medium grey and light grey intermediate volcanic. Medium grey component is quartz rich groundmass mixed with interstitial fine grained biotite and lesser chlorite. Lighter grey component is subhedral 0.5-2mm plagioclase/quartz crystals throughout interva												
<<Alt: 195.5 - 195.95: strong K-feldspar>>												
<<Alt: 195.95 - 197.6: intense Epidote / strong K-feldspar>>												
<<Alt: 197.6 - 198.45: strong K-feldspar>>												
<<Vein: 201.95 - 201.97: Quartz vein contain >90% quartz>> Light grey compression vein with trace py and epidote alteration halo in host rock.												
				195.00	196.50	1.50	338043	0.023				
				196.50	198.00	1.50	338045	0.0025				
				200.00	201.00	1.00	338046	0.052				
				201.00	201.75	0.75	338047	0.024				
				201.75	202.25	0.50	338048	0.026				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
202.16	**207.32**	**I3B**	**Tonalite**	**GS2**	202.25	203.00	0.75	338049	0.02				
Medium to light grey felsic intrusion. Mineral assemblage is quartz dominated, with lesser plagioclase, biotite and chlorite. Groundmass is quartz dominated, light grey and amorphous. Plagioclase is medium grained and subhedral, making up 5-10% of interva					206.00	207.00	1.00	338050	0.026				
					207.00	207.50	0.50	338051	0.0025				
207.32	**208.98**	**I3A**	**Granite**	**GS2**									
Light orange medium grained granite. ~20% biotite showing no preferential alignment.													
208.98	**211.79**	**I3B**	**Tonalite**	**GS2**									
Medium to light grey felsic intrusion. Mineral assemblage is quartz dominated, with lesser plagioclase, biotite and chlorite. Groundmass is quartz dominated, light grey and amorphous. Plagioclase is medium grained and subhedral, making up 5-10% of interva													
<<Min: 209 - 219.6: 2% pyrite>>													
211.79	**211.93**	**E2**	**Intermediate**	**GS1**									
Grey and orange intermediate volcanic. Very difficult to distinguish from a granite, but very similar to above ITV but with much stronger and obscuring potassic alteration.													
211.93	**212.66**	**I3C**	**Granodiorite**	**GS1**									
Appears to be mineralogically similar to host rock, but has distinct upper and lower contacts, planar and not planar with a bizarre mottled potassic alteration distinguishing it from the surrounding rock.													
212.66	**216.65**	**E2**	**Intermediate**	**GS1**									
Grey and orange intermediate volcanic. Very difficult to distinguish from a granite, but very similar to above ITV but with much stronger and obscuring potassic alteration.													
216.65	**219.57**	**I3A**	**Granite**	**GS0**									
Aplitic light orange interval. Fracture filling epidote alteration. Weak fine disseminated pyrite mineralization. Potassic alteration is blotchy and its intensity is mottled.													
219.57	**225.00**	**I3C**	**Granodiorite**	**GS2**									
Fine to medium grained granitoid. Uneven and patchy potassic alteration throughout interval, averaging to a granodiorite. Massive, no distinct structure, fracture and contact related potassic alteration.													
225.00	**236.53**	**I2A**	**Diorite**	**GS2**	234.00	235.25	1.25	338052	0.0025				
Fine to medium grained green diorite. Mineral assemblage is dominated by chlorite, lesser biotite, quartz and plagioclase. Relatively similar to above ITV with a huge surge in chlorite and biotite. Upper contact appears transition, lower contact distinct.													
<<Struc: 235.4 - 235.45: weak Fault>> Small rubbled zone with the chlorite alteration reduced to R0, no fault gouge, slickenlines, no displacement.					235.25	235.75	0.50	338053	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					235.75	237.00	1.25	338054	0.0025				
236.53	**248.62**	**E2**	**Intermediate**	**GS1**									
Fine to very fine grained intermediate volcanic. Medium grey with mottled lighter grey parts. Mottled alteration and discolouration suggests a flow or sorts. Patchy and mottled epidote and potassic alteration. <<Alt: 236.53 - 237.45: moderate Epidote>> <<Alt: 239.1 - 239.75: moderate Epidote>> <<Alt: 245.5 - 246.3: strong Epidote>> Some intense epidote bands with pure chlorite <<Vein: 245.63 - 245.73: Carbonate vein contain 0-10% quartz>> Comp carb vein with epidote and potassic alteration													
					237.00	238.25	1.25	338055	0.0025				
					238.25	239.50	1.25	338056	0.0025				
					239.50	240.75	1.25	338057	0.0025				
					240.75	241.75	1.00	338058	0.0025				
					241.75	243.00	1.25	338059	0.0025				
					243.00	244.50	1.50	338061	0.0025				
					244.50	246.00	1.50	338062	0.0025				
					246.00	247.50	1.50	338063	0.0025				
					247.50	249.00	1.50	338064	0.0025				
248.62	**249.00**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion or large intense band of chlorite alteration.													
249.00	**254.76**	**E2**	**Intermediate**	**GS1**	249.00	250.50	1.50	338065	0.0025				
Fine to very fine grained intermediate volcanic. Medium grey with mottled lighter grey parts. Mottled alteration and discolouration suggests a flow or sorts. Patchy and mottled epidote and potassic alteration. <<Alt: 249 - 249.2: moderate Epidote>>													
254.76	**258.32**	**I2A**	**Diorite**	**GS2**									
Medium grained green diorite. Distinct upper contact with siliceous alteration bleed into it, lower contact is lost is cummulate flow intrusion. Interval is chlorite rich.													
258.32	**258.60**	**I3C**	**Granodiorite**	**GS2**									
Small band of chunky potassic altered plagioclase crystals set in fine dark grey groundmass. Cumulate flow?													

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
258.60	**290.17**	**E2**	**Intermediate**	**GS1**	260.00	261.00	1.00	338066	0.0025				
Medium grey intermediate volcanic with wide range of alteration. Ranges from unaltered grey to intervals with strong potassic and epidote alteration. Carbonate vein with most intense epidote altereation/veins. Largely unveined and undeformed. Groundmass i													
<<Alt: 260 - 260.4: moderate K-feldspar>>					261.00	262.00	1.00	338067	0.0025				
<<Alt: 260.4 - 260.6: strong Epidote / moderate K-feldspar>>					262.00	263.00	1.00	338068	0.0025				
<<Alt: 260.6 - 264: moderate K-feldspar>>					263.00	264.00	1.00	338069	0.0025				
<<Alt: 264.4 - 267.5: moderate Epidote>>					264.00	265.00	1.00	338070	0.0025				
<<Alt: 272 - 272.6: moderate Epidote>>					265.00	266.00	1.00	338071	0.0025				
<<Alt: 272.6 - 273.8: moderate Epidote / moderate K-feldspar>>					266.00	267.00	1.00	338072	0.0025				
<<Alt: 273.8 - 275.55: strong Epidote / moderate K-feldspar>>					273.00	274.00	1.00	338073	0.0025				
<<Alt: 275.55 - 276.15: moderate K-feldspar>>					274.00	275.00	1.00	338074	0.0025				
<<Alt: 276.15 - 280: strong Epidote / moderate K-feldspar>>					275.00	276.00	1.00	338075	0.0025				
<<Alt: 280 - 280.15: strong Epidote>>					276.00	277.00	1.00	338076	0.0025				
<<Alt: 285.5 - 288.5: moderate Epidote>>					277.00	278.00	1.00	338077	0.0025				
<<Vein: 260.4 - 260.45: Carbonate vein contain 0-10% quartz>>			Comp carb vein with epidote and potassic alteration		278.00	279.00	1.00	338078	0.0025				
<<Vein: 265.3 - 265.32: Carbonate vein contain 0-10% quartz>>			Comp carb vein with epidote and potassic alteration										
<<Vein: 266.1 - 266.15: Carbonate vein contain 0-10% quartz>>			Comp carb vein with epidote and potassic alteration										
<<Struc: 273.9 - 274.75: strong Breccia>>			Alteration breccia, strong epidote brecciation.										
290.17	**294.80**	**E1**	**mafic volcanics**	**GS1**									
Green grey mafic interval. Increased chlortie in comparisson to surrounding unit. Distinct upper and lower contacts, unlikely that itâ€™s an alteration front. Light green crystaline epidote disseminated through interval. Fine pyrite disseminated through i													
294.80	**310.68**	**E2**	**Intermediate**	**GS1**									
Medium grey fine grained volcanic. Chlorite throughout interval, patches and lenses of stronger chlorite alteration. Patchy fracture related epidote and potassic alteration, epidote also present as fine crystaline disseminated alteration. Lesser biotite m													
<<Alt: 294.8 - 295.65: moderate Epidote>>													
<<Alt: 303.9 - 309.9: moderate Epidote>>													
310.68	**311.90**	**E1**	**mafic volcanics**	**GS1**									
Distinct upper contact. Possibly just a distinct chlorite alteration front as opposed to separate rock type.													
<<Alt: 311.7 - 314.9: moderate K-feldspar>>													

Hole: PAC-20-026

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
311.90	**346.22**	**E2 Intermediate GS1**									
Medium grey fine grained volcanic. Chlorite throughout interval, patches and lenses of stronger chlorite alteration. Patchy fracture related epidote and potassic alteration, epidote also present as fine crystaline disseminated alteration. Lesser biotite m											
<<Min: 343 - 345: 2% pyrite>> disseminated and in thin qtz veinlets											
<<Alt: 314.9 - 315.2: complete Epidote / moderate K-feldspar>> qtz-ser-ep fluid in large fracture											
<<Alt: 315.2 - 315.25: moderate Epidote / moderate K-feldspar>>											
<<Alt: 315.25 - 315.75: intense K-feldspar / moderate Epidote>>											
<<Alt: 318.7 - 318.75: moderate K-feldspar>>											
<<Alt: 318.75 - 319.4: moderate Epidote / moderate K-feldspar>>											
<<Alt: 319.4 - 320.4: moderate Epidote>>											
<<Alt: 320.4 - 320.7: moderate Epidote / strong K-feldspar>>											
<<Alt: 320.7 - 321.7: moderate Epidote / strong K-feldspar>>											
<<Alt: 321.7 - 327.65: moderate Epidote / moderate K-feldspar>> 10-15%											
<<Alt: 340.6 - 345.6: moderate K-feldspar>>											
<<Vein: 344.35 - 344.36: with sulphides>> Thin qtz veinlet with pyrite and epidote/sericite alteration halo											
			314.00	315.00	1.00	338079	0.0025				
			315.00	315.75	0.75	338081	0.0025				
			315.75	317.00	1.25	338082	0.0025				
			342.00	343.00	1.00	338083	0.0025				
			343.00	344.00	1.00	338084	0.0025				
			344.00	345.00	1.00	338085	0.0025				
346.22	**347.50**	**I1 Mafic intrusive GS1**									
Dark green mafic intrusion with strong fine grained disseminated epidote alteration. Some internal fracturing with frf ep/qtz/ser. Poor rqd, not strong.											
<<Alt: 346.22 - 348.25: moderate Epidote>>											
347.50	**416.45**	**E2 Intermediate GS1**	348.25	349.25	1.00	338086	0.0025				
Medium grey fine grained volcanic. Chlorite throughout interval, patches and lenses of stronger chlorite alteration. Patchy fracture related epidote and potassic alteration, epidote also present as fine crystaline disseminated alteration. Lesser biotite m											
<<Min: 355 - 356.8: 2% pyrite>>			349.25	350.00	0.75	338087	0.0025				

Hole: PAC-20-026

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Min: 381 - 382.8: 2% pyrite>>	350.00	351.00	1.00	338088	0.0025				
		<<Alt: 349.25 - 349.5: intense K-feldspar>>	366.00	367.00	1.00	338089	0.0025				
		<<Alt: 349.5 - 350: intense Epidote / intense K-feldspar>>	367.00	368.00	1.00	338090	0.0025				
		<<Alt: 350 - 350.75: intense K-feldspar>>	368.00	369.00	1.00	338091	0.008				
		<<Alt: 357.3 - 358.7: moderate Epidote>>	369.00	370.00	1.00	338092	0.0025				
		<<Alt: 360.3 - 363.2: moderate Epidote>>	370.00	371.00	1.00	338093	0.0025				
		<<Alt: 365.8 - 366.5: moderate Epidote>>									
		<<Alt: 367.15 - 367.45: strong Epidote>>									
		<<Alt: 367.9 - 368: moderate Epidote>>									
		<<Alt: 368 - 374: moderate Epidote / moderate K-feldspar / strong Silicification>>									
		<<Alt: 374 - 378: moderate K-feldspar / strong Silicification>>									
		<<Alt: 378 - 378.8: strong Silicification>>									
		<<Alt: 378.8 - 379.7: strong Silicification / moderate Epidote>>									
		<<Alt: 379.7 - 381: strong Silicification>>									
		<<Alt: 384.9 - 385: strong K-feldspar>>									
		<<Alt: 385 - 385.6: strong K-feldspar / weak Epidote>>									
		<<Alt: 389.5 - 390.5: moderate K-feldspar>>									
		<<Alt: 390.5 - 390.8: weak Epidote / moderate K-feldspar>>									
		<<Alt: 390.8 - 392.5: moderate K-feldspar>>									
		<<Alt: 394.4 - 394.7: strong K-feldspar>>									
		<<Alt: 394.7 - 395.1: moderate Epidote / strong K-feldspar>>									
		<<Alt: 395.1 - 396.2: strong K-feldspar>>									
		<<Alt: 397.2 - 401.7: moderate K-feldspar>>									
		<<Alt: 412.2 - 415: moderate Epidote>>									
		<<Vein: 367.25 - 367.27: Carbonate vein contain 0-10% quartz>> Grey carb vein with epidote alteration, fracture									
		<<Vein: 379 - 379.05: Quartz vein contain >90% quartz>> Light grey crystaline qv									
		<<Struc: 349.5 - 350: strong Breccia>> Alteration breccia, strong epidote brecciation.									
416.45	**417.22**	**I1 Mafic intrusive** **GS1**									
		Dark green mafic intrusion with parallel planar contacts. Weak fine grained pyrite mineralization. Weak background potassic alteration, fine hairline epidote alteration.									

Hole: PAC-20-026

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
417.22	**429.00**	**E2 Intermediate GS1** Medium grey fine grained volcanic. Chlorite throughout interval, patches and lenses of stronger chlorite alteration. Patchy fracture related epidote and potassic alteration, epidote also present as fine crystaline disseminated alteration. Lesser biotite m <<Alt: 422.6 - 422.7: moderate Epidote>> <<Alt: 422.7 - 425.4: moderate Epidote / moderate Silicification>> <<Alt: 425.4 - 429: moderate Epidote>>									
End of Hole @ 429											

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-027

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-09	**Core Size:**	NQ
UTM East:	436313.71	**Azimuth:**	204	**Date Completed:**	2020-04-13	**Casing Pulled?:**	☐
UTM North:	5642723.24	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	397	**Length (m):**	393	**Drill Rig:**		**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
30	Reflex			-49.8	203.7			56830	☑	
33	Reflex			-48.9	204			56832	☑	
36	Reflex			-49.1	203.6			56824	☑	
39	Reflex			-49	203.6			56822	☑	
42	Reflex			-49	203.2			56834	☑	
45	Reflex			-48.9	203.6			56836	☑	
48	Reflex			-48.8	203.5			56824	☑	
51	Reflex			-48.9	203.6			56828	☑	
54	Reflex			-48.8	203.8			56823	☑	
57	Reflex			-48.8	203.7			56811	☑	
60	Reflex			-48.7	203.4			56806	☑	
87	Reflex			-48.5	204			56803	☑	
90	Reflex			-49.1	203.4			56807	☑	

Hole: PAC-20-027

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
96	Reflex			-48.9	204.1			56786	☑	
99	Reflex			-49.1	203.5			56780	☑	
102	Reflex			-48.8	203.8			56768	☑	
105	Reflex			-48.9	203.8			56778	☑	
108	Reflex			-49	204.1			56761	☑	
111	Reflex			-49.1	203.8			56776	☑	
114	Reflex			-49	204			56771	☑	
117	Reflex			-48.8	203.7			56765	☑	
120	Reflex			-48.8	204			56777	☑	
123	Reflex			-48.8	203.6			56766	☑	
126	Reflex			-48.8	203.8			56771	☑	
129	Reflex			-48.8	203.5			56782	☑	
132	Reflex			-49	203.8			56793	☑	
177	Reflex			-49.1	204.1			56821	☑	
189	Reflex			-48.9	204.1			56800	☑	
198	Reflex			-48.6	204.1			56809	☑	
201	Reflex			-48.7	204.3			56673	☑	
204	Reflex			-48.7	204.3			56772	☑	
207	Reflex			-48.7	204.3			56783	☑	
210	Reflex			-48.7	204			56789	☑	
213	Reflex			-48.6	204			56796	☑	
216	Reflex			-48.5	204.1			56770	☑	
222	Reflex			-48.5	204.1			56821	☑	
225	Reflex			-48.6	204.1			56814	☑	

Hole: PAC-20-027

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
228	Reflex			-48.6	204.2			56812	☑	
231	Reflex			-48.6	204.2			56796	☑	
234	Reflex			-48.6	204.4			56832	☑	
237	Reflex			-48.5	204.3			56777	☑	
240	Reflex			-48.5	204.3			56900	☑	
270	Reflex			-48.7	204.3			56801	☑	
273	Reflex			-48.7	204.7			56871	☑	
276	Reflex			-48.8	204.8			56844	☑	
279	Reflex			-48.7	204.7			56861	☑	
282	Reflex			-48.7	204.6			56808	☑	
285	Reflex			-48.8	204.9			56808	☑	
288	Reflex			-48.6	204.7			56830	☑	
291	Reflex			-48.6	204.6			56832	☑	
294	Reflex			-48.6	204.8			56832	☑	
297	Reflex			-48.5	204.9			56842	☑	
300	Reflex			-48.4	205.2			56853	☑	
303	Reflex			-48.6	205.3			56847	☑	
306	Reflex			-48.5	205.1			56852	☑	
309	Reflex			-48.6	205.1			56842	☑	
312	Reflex			-48.6	205			56818	☑	
315	Reflex			-48.6	204.9			56753	☑	
321	Reflex			-48.6	205.3			56798	☑	
324	Reflex			-48.6	205.3			56795	☑	
327	Reflex			-48.6	205.1			56827	☑	

Hole: PAC-20-027

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
333	Reflex			-48.4	205.5			56792	☑	
336	Reflex			-48.5	205.5			56792	☑	
339	Reflex			-48.5	205.4			56746	☑	
354	Reflex			-48.3	205.8			56804	☑	
357	Reflex			-48.4	205.6			56807	☑	
360	Reflex			-48.3	205.5			56801	☑	
363	Reflex			-48.3	205.8			56901	☑	
366	Reflex			-48.3	205.7			56809	☑	
369	Reflex			-48.2	206			56828	☑	
372	Reflex			-48.3	205.8			56809	☑	
375	Reflex			-48.3	205.7			56568	☑	
378	Reflex			-48.2	206			56762	☑	
381	Reflex			-48.2	206			56728	☑	
384	Reflex			-48.3	206			56818	☑	
387	Reflex			-48.2	206.1			56778	☑	
390	Reflex			-48.2	206.1			56795	☑	
393	Reflex			-48.2	205.8			56808	☑	

Hole: PAC-20-027

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**1.50**	**OB**	**Overburden**										
1.50	**8.38**	**I2**	**Intermediate intrusive**	**GS2**	7.00	8.00	1.00	337732	0.007				
Dark grey ground mass intrusive with off-white coloured plagioclase phenocryst mineralized over the interval. Phenocryst are up tp 3mm in diameter and are often lightly stained/altered to give them a tan colour. Phenocryst become less dominant near lower													
<<Alt: 3.3 - 4: moderate Epidote>> light bleached green interval with well defined contacts.					8.00	9.00	1.00	337733	0.0025				
8.38	**8.70**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Wavy shallow dipping typical potassic red felsic intrusive. Interval is strongly silicified.													
<<Vein: 8.5 - 8.6: Quartz vein contain >90% quartz>> Flooding milky qz vein with no related sulphide min. Likely responsible for silicification of felsic i=nt													
8.70	**22.70**	**I2**	**Intermediate intrusive**	**GS2**									
Dark grey ground mass intrusive with off-white coloured plagioclase phenocryst mineralized over the interval. Phenocryst are up tp 3mm in diameter and are often lightly stained/altered to give them a tan colour. Phenocryst become less dominant near lower													
<<Alt: 9.22 - 10.8: moderate Epidote / strong K-feldspar>> Interval with increased epidote veinlets and pervassive very weak potassic altModerate pervassive potassic red staining over a well defined interval													
<<Alt: 14 - 15.8: moderate Epidote / moderate K-feldspar>> Slighly bleached interval with light pervassive epidote alt. Associated weak potasssic altweak pervassive well defined alt													
<<Struc: 10.3 - 10.4: weak Fault>> minor fault zone with oxidized brown fault gauge													
					9.00	10.00	1.00	337734	0.0025				
					10.00	10.80	0.80	337735	0.0025				
					10.80	12.00	1.20	337736	0.005				
22.70	**24.35**	**I3B**	**Tonalite**	**GS0**									
Tan coloured homogeneous extremely silified intrusion with sharp contacts. Aphanitic texture making identifying protolith difficult													
24.35	**28.75**	**I2**	**Intermediate intrusive**	**GS2**									
Dark grey ground mass intrusive with off-white coloured plagioclase phenocryst mineralized over the interval. Phenocryst are up tp 3mm in diameter and are often lightly stained/altered to give them a tan colour. Phenocryst become less dominant near lower													
28.75	**29.70**	**I3A1**	**Alkali Feldspar Granite**	**GS1**									
Fine grained to aphanitic potassic felsic intrusive. Pervasssive silicification . Approx 1% dissemianted pyrite													

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
29.70	**40.65**	**I2 Intermediate intrusive GS2**									
Dark grey ground mass intrusive with off-white coloured plagioclase phenocryst mineralized over the interval. Phenocryst are up tp 3mm in diameter and are often lightly stained/altered to give them a tan colour. Phenocryst become less dominant near lower											
<<Alt: 32.3 - 32.6: intense Epidote>> Interval with epidote alt/veinlets brecciating wall rock											
40.65	**95.60**	**E2 Intermediate GS1**	46.50	48.00	1.50	337737	0.0025				
Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati											
<<Alt: 43.5 - 44.5: moderate K-feldspar>> Interval with increased potassic alteration			48.00	49.50	1.50	337738	0.0025				
<<Alt: 53 - 56: strong Hematitic>> Strong alteration over fault zone. Most intense within fault gauge and on fracture faces			49.50	51.00	1.50	337739	0.0025				
<<Alt: 56 - 67.5: moderate Hematitic>> weak alteraiton within broken up rock mix of hematite is found within fracrute and pervassive staining			51.00	52.50	1.50	337740	0.0025				
<<Alt: 67.5 - 72: strong Epidote / moderate Hematitic>> Pervassive strong to moderate epidote alteration. Highly broken up intervalweak alteraiton within broken up rock mix of hematite is found within fracrute and pervassive staining			52.50	54.00	1.50	337741	0.0025				
<<Alt: 72 - 74.3: complete Silicification / strong Hematitic>> Interval of extreme Qz alteration. Protolith is unrecognizable due to Qz replacementPervassive hematite alteration within silicified interval			54.00	55.00	1.00	337742	0.0025				
<<Alt: 74.3 - 80: complete Silicification / strong Hematitic / moderate Epidote>> Interval of extreme Qz alteration. Protolith is unrecognizable due to Qz replacementPervassive hematite alteration within silicified intervalVery weak pervassive light green epidote alteration throughout silicified interval.			55.00	56.00	1.00	337743	0.0025				
<<Alt: 80 - 82.3: complete Silicification / strong Hematitic>> Interval of extreme Qz alteration. Protolith is unrecognizable due to Qz replacementPervassive hematite alteration within silicified interval			56.00	57.00	1.00	337744	0.0025				
<<Alt: 82.3 - 84: strong Hematitic>> Pervassive hematite alteration within silicified interval			57.00	58.50	1.50	337745	0.0025				
<<Alt: 84 - 96.6: moderate Hematitic>> Weak to moderate red pervassive hematite alteration. Most intense within veinlets			58.50	60.00	1.50	337746	0.0025				
<<Vein: 53 - 61: Quartz vein contain >90% quartz>> very weakly brecciating qz veinlets 2-4%. Varying orientation. Veins often assocaited with red hematite alteration. Veinlets as well as all textures are hard to observe du to the extremely broken up nature of the interval.			60.00	61.50	1.50	337747	0.0025				
<<Vein: 61 - 72: Quartz vein contain >90% quartz>> increased qz veining intensity (5-10%) veins have more of a flooding texture and wall rock is now weakly to moderatly silicified. Interval is still very broken up and altered. No observed realted sulphide min			61.50	63.00	1.50	337748	0.0025				
<<Vein: 72 - 82.3: Quartz vein contain >90% quartz>> Qz stw/ alteration zone that is almost completely Silica replaced. Vein boundries are often not distincy due to over 50% Qz host rock.			63.00	64.50	1.50	337750	0.0025				

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 82.3 - 99: Quartz vein contain >90% quartz>> Interval of strong milky to light grey qz veining with varying angles. Veins brecciates wall rock at times. Veins have associated hematite. STW within felsic intrusion and intermediate volcanic unit.	64.50	66.00	1.50	337751	0.0025				
		<<Struc: 46 - 54: weak Foliation 30 deg. >> Weak foliation leading up to fault zone. Weak alteration allignment parallel to folation. Preferential break plane parallel to foliation	66.00	67.50	1.50	337752	0.0025				
		<<Struc: 54 - 55: strong Fault 35 deg. >> Strong fault zone with extensive hematite altered fault gauge. Faint 35 degree TCA observed	67.50	69.00	1.50	337753	0.0025				
		<<Struc: 55 - 61: moderate Fault>> Altered highly broken up zone with little to no fault gauge.	69.00	70.50	1.50	337754	0.0025				
		<<Struc: 61 - 62: moderate Fault>> Extremely highly broken up interval with minor fault gauge	70.50	72.00	1.50	337755	0.0025				
		<<Struc: 62 - 72: weak Fault>> Interval of rubble with little ot no rock over 10cm over the entire described interval	72.00	73.50	1.50	337756	0.0025				
		<<Struc: 72 - 83: weak Fault>> Rubble zone of moderate intensity. Rock is broken into large fragments (typically 5-10cm) Rock is highly silicified and thus more resistant to the structure.	73.50	75.00	1.50	337757	0.0025				
			75.00	76.50	1.50	337758	0.0025				
			76.50	78.00	1.50	337759	0.0025				
			78.00	79.50	1.50	337760	0.0025				
			79.50	81.00	1.50	337761	0.006				
			81.00	82.50	1.50	337762	0.0025				
			82.50	84.00	1.50	337763	0.007				
			84.00	85.50	1.50	337764	0.0025				
			85.50	87.00	1.50	337765	0.005				
			87.00	88.50	1.50	337766	0.0025				
			88.50	90.00	1.50	337767	0.0025				
			90.00	91.50	1.50	337768	0.0025				
			91.50	93.00	1.50	337769	0.0025				
			93.00	94.50	1.50	337771	0.0025				
			94.50	96.00	1.50	337772	0.0025				
95.60	**96.60**	**I3A1 Alkali Feldspar Granite** **GS2**									
		Mixed potassic hematite red felsic intrusive with well defined contacts. Pervassive qz veinlets within.									
			96.00	97.50	1.50	337773	0.0025				

Hole: PAC-20-027

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
96.60	**100.90**	**E2**	**Intermediate**	**GS1**									
Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati													
<<Vein: 99 - 105.6: Quartz vein contain >90% quartz>> Continuation of light grey qz veinlets stw within both intermediate volcanic and felsic intrusions. No consistent vein trend. No related sulphide min													
					97.50	99.00	1.50	337774	0.0025				
					99.00	100.50	1.50	337775	0.0025				
					100.50	102.00	1.50	337776	0.0025				
100.90	**102.60**	**I3A1**	**Alkali Feldspar Granite**	**GS2**	102.00	103.50	1.50	337777	0.0025				
Red hematite stained potassic felsic intrusion. Minor fault zone within. Minor milky qz vein within													
<<Alt: 100.9 - 104.4: moderate Hematitic>> interval of patches of hematie alteration most intense where fault gauge is most intense.													
102.60	**107.80**	**E2**	**Intermediate**	**GS1**									
Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati													
<<Alt: 105.6 - 106.6: strong Hematitic>> Strong to moderate pervassive hematite alteration within fault zone													
<<Vein: 106.6 - 106.8: Quartz vein contain >90% quartz>> Light grey qz vein with no related sulphide													
<<Struc: 105.6 - 106.5: strong Fault 25 deg. >> Local well defined fault zon with strong fault gauge													
					103.50	105.00	1.50	337778	0.0025				
					105.00	106.50	1.50	337779	0.0025				
					106.50	108.00	1.50	337780	0.0025				
107.80	**110.00**	**I2**	**Intermediate intrusive**		108.00	109.50	1.50	337781	0.0025				
Grey ground mass with off white/tan subhedral plagioclase phenocrysts. Epidote veinlets throughout . Well defined contacts													
<<Vein: 108 - 108.15: Quartz vein contain >90% quartz>> Light grey qz tension vein													
110.00	**112.25**	**E2**	**Intermediate**	**GS1**									
Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati													
112.25	**115.00**	**I3B**	**Tonalite**	**GS2**									
Light grey silicified intrusion with strong mixed hematite alteration. Visibel qz and plagioclase gains medium grained													

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 114.4 - 115: Quartz vein contain >90% quartz>> Light grey qz veinlet stw within.									
115.00	**116.90**	**E2 Intermediate GS1** Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati	115.00	116.50	1.50	337782	0.0025				
			116.50	118.00	1.50	337783	0.0025				
116.90	**118.20**	**I2 Intermediate intrusive** grey to green porphyritic intermediate intrusions. Off white plagiocalse phenocrysts. Well defined interval with sharp contacts	118.00	119.50	1.50	337784	0.0025				
118.20	**123.40**	**E2 Intermediate GS1** Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati									
123.40	**124.40**	**I1 Mafic intrusive GS2** Dark green interval with crystaline amphibole grains (up to 3mm). Epidote veinlets within.									
124.40	**126.00**	**I2 Intermediate intrusive GS2** Grey unit with light tan/off-white 2mm plagioclase phenocrysts. Phenocrysts are subhedral. <<Vein: 125 - 125.15: Quartz vein contain >90% quartz>> milky qz vein with minor py min on vein margins									
126.00	**135.10**	**E2 Intermediate GS1** Highly heterogenous unit best described as an intermediate but is so deformed and altered that protolith is very hard to identify. Large fault zone from 54 to 108m (most intense from 58-72. Hetergeneous mixed hematite, epidote,potassic and silica alterati									
135.10	**139.50**	**I3A1 Alkali Feldspar Granite GS2** Mixed potassic and hematite red felsic intrusion. Mixed Qz, K feldspar and minor biotite. Minor light grey qz veinlets within. Sharp upper and lower contact <<Vein: 135.5 - 136.2: Quartz vein contain >90% quartz>> Light grey qz vein with no related sulphide									
139.50	**142.90**	**I2 Intermediate intrusive GS1** Dark grey to green intrusive with subhedral plagioclase phenocrysts. Pervassive fine epidote veinlets. Plagioclase phenocryst are slighly off white in colour. Weakly silicifed with qz mineralziation visible <<Struc: 140.5 - 141: moderate Fault>> Minor rubble zone with trace fault gauge. Fault zone is confined to the interval									
142.90	**161.40**	**I3A1 Alkali Feldspar Granite GS2** Potassic red felsic intrusive with medium to coarse grain. Weak pervassive silicification. Pervassive deep red hematite alteration									

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 149.3 - 149.4: Quartz vein contain >90% quartz>> Very light grey qz veining with trace pyrite min within									
			148.00	149.00	1.00	337785	0.0025				
			149.00	150.00	1.00	337786	0.0025				
			150.00	151.00	1.00	337787	0.0025				
161.40	**167.70**	**E2 Intermediate GS2**									
		Grey to green intermediate unit with pervassive epidote alteration. Local plagioclase phenocrysts. Green colour is determined to be alteration related. Very minor milky qz veinlets. Several lenses of intrusive and passes of well defined alteration. Giving									
		<<Vein: 163.8 - 164.1: Quartz vein contain >90% quartz>> Very light grey tesnion vein with minor epidote alt on margins									
		<<Struc: 163.3 - 163.5: weak Fault>> Rubble zone with very minor fault gauge. Extremely minimal displacement									
167.70	**168.40**	**I3A Granite GS1**									
		Highly silicified hematite stained felsic intrusion . Sharp upper and lower contact at 60 degrees TCA									
168.40	**185.10**	**E2 Intermediate GS2**									
		Grey to green intermediate unit with pervassive epidote alteration. Local plagioclase phenocrysts. Green colour is determined to be alteration related. Very minor milky qz veinlets. Several lenses of intrusive and passes of well defined alteration. Giving									
		<<Alt: 172.6 - 172.7: strong Epidote>> Well defiend interval if mixed pervasssive silica and epidote alt									
		<<Alt: 172.7 - 172.85: strong Epidote / strong Silicification>> Well defiend interval if mixed pervasssive silica and epidote altInterval of mixed epidote and qz alteration/flooding									
		<<Vein: 176.9 - 177.2: Quartz vein contain >90% quartz>> Milky qz vein									
185.10	**188.40**	**I3A1 Alkali Feldspar Granite GS2**									
		Red hematite stained felsic intrusive. Pervassive weak potassic staining. Relatively homogeneous intrusion with the exception of fine epidote veinlets within.									
188.40	**198.00**	**E2 Intermediate GS1**									
		light grey to light green intermediate volcanic unit. Pervassive epidote veinlets within. Local variation in grain size ranging from fine to medium. Several lenses of AFG intrusions (1m to 2cm) within with well defined contacts.									
		<<Alt: 190.75 - 191.95: intense Silicification>> Extremely strong pervassive silicification. Alteration is extremely strong and destroys all textures from protolith. Sharp upper and lower contact									
		<<Vein: 192.6 - 192.8: Quartz vein contain >90% quartz>> Milky qz vein marking the upper contact of a felsic intrusive lense									
198.00	**198.80**	**I3A1 Alkali Feldspar Granite GS2**									
		Mixed potassic and weak hematite red coloured. Dominated by Qz and feldspar as well as minor biotite									

Hole: PAC-20-027

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
198.80	**199.35**	**E2**	**Intermediate**	**GS1**									
light grey to light green intermediate volcanic unit. Pervassive epidote veinlets within. Local variation in grain size ranging from fine to medium. Several lenses of AFG intrusions (1m to 2cm) within with well defined contacts.													
199.35	**200.00**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Mixed potassic and weak hematite red coloured. Dominated by Qz and feldspar as well as minor biotite													
200.00	**208.85**	**E2**	**Intermediate**	**GS1**									
light grey to light green intermediate volcanic unit. Pervassive epidote veinlets within. Local variation in grain size ranging from fine to medium. Several lenses of AFG intrusions (1m to 2cm) within with well defined contacts.													
<<Vein: 202.8 - 203: Quartz vein contain >90% quartz>> Light grey qz vein with very minor related zoned potassic alteration. Trace py min in local wall rock. Veins is trendless and discontinuous													
208.85	**209.45**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Mixed potassic and weak hematite red coloured. Dominated by Qz and feldspar as well as minor biotite													
209.45	**216.45**	**E2**	**Intermediate**	**GS1**									
light grey to light green intermediate volcanic unit. Pervassive epidote veinlets within. Local variation in grain size ranging from fine to medium. Several lenses of AFG intrusions (1m to 2cm) within with well defined contacts.													
216.45	**216.60**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
Very highly silicified potassic pink stained intusive with well defined contacts													
216.60	**216.65**	**I3A1**	**Alkali Feldspar Granite**	**GS2**									
216.65	**225.85**	**I2**	**Intermediate intrusive**	**GS2**									
grey intermediate crystaline intrusion with sharp upper contact marked by felsic intrusio lense. 1-2mm plagioclase phenocrysts. Pervassive weak light potassic staining. Minor epidote veinlets throughout.													
225.85	**226.60**	**I3A**	**Granite**	**GS2**									
Qz anf plagiocalse dominated intrusive with pervassive potassic alteration, Minor epidote veinelts within and storngest on contacts													
<<Alt: 225.9 - 226.6: moderate Hematitic>> pervassive hematite alteration within intrusive lense. Some of the red alteration may be potassic as well													
226.60	**235.40**	**I2**	**Intermediate intrusive**	**GS2**									
grey intermediate crystaline intrusion with sharp upper contact marked by felsic intrusio lense. 1-2mm plagioclase phenocrysts. Pervassive weak light potassic staining. Minor epidote veinlets throughout.													
<<Alt: 235 - 237.5: strong K-feldspar>> Pervassive weak to moderate potassic alteration Intensity decreases near lower contact													
<<Vein: 231.6 - 231.7: Quartz vein contain >90% quartz>> Light grey flooding qz vein with minor epidote alteration on vein margins													

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
235.40	**241.50**	**I3B** **Tonalite**	**GS3**									
Light grey to tan coloured highly silicified. Coarse grained with plagioclase phenocrysts. Upper half of the unit is potassicly stained with a gradual transition into the less potassicly stained lower contact.												
241.50	**248.35**	**I2** **Intermediate intrusive**	**GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
<<Alt: 242.7 - 245.5: strong Epidote>> Mix of pervassive and fine veinlets												
248.35	**249.00**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Mixed potassic and weak hematite red coloured. Dominated by Qz and feldspar as well as minor biotite												
249.00	**250.40**	**I2** **Intermediate intrusive**	**GS2**	249.00	250.00	1.00	337788	0.0025				
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
				250.00	251.00	1.00	337789	0.0025				
250.40	**250.80**	**I3A** **Granite**	**GS3**									
Highly silicified felsic intrusion with reduced potassic minerals/alteration. Pervasssive hematite alteration. Large cream coloured phenocryst												
<<Alt: 250.45 - 250.8: intense Silicification>> Pervassive qz flooding within felsic intrusion												
250.80	**252.30**	**I2** **Intermediate intrusive**	**GS2**	251.00	252.00	1.00	337791	0.0025				
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
				252.00	253.20	1.20	337792	0.0025				
252.30	**253.40**	**I3A1** **Alkali Feldspar Granite**	**GS2**	253.20	254.00	0.80	337793	0.0025				
Red mix potassic hematite stained felsic int. Medium to fine grained crystaline ground mass. Epidote veinlets throughout												
253.40	**275.50**	**I2** **Intermediate intrusive**	**GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
<<Alt: 266 - 269: strong Epidote>> Light green epidote veinlets over the interval. Minor pervassive zone alteration on the margins of veinlets												
<<Vein: 254 - 254.6: Quartz vein contain >90% quartz>> Light grey qz stw interval with varying TCA. No pyrite mineralization												

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 256 - 256.65: Quartz vein contain >90% quartz>> Very weak stw interval with light grey qz veins									
		<<Vein: 256.8 - 257.2: Quartz vein contain >90% quartz>> Light grey flooding qz vein with no related wall alt or sulphide min. waby poorly defined vein contacts.									
		<<Vein: 269.7 - 269.8: Quartz vein contain >90% quartz>> 5cm milky qz vein with potassic alteration on the vein margins									
			254.00	255.00	1.00	337794	0.0025				
			255.00	256.00	1.00	337795	0.0025				
			256.00	256.80	0.80	337796	0.0025				
			256.80	257.50	0.70	337797	0.0025				
			257.50	259.00	1.50	337798	0.0025				
275.50	**276.40**	**I3B Tonalite GS2**									
		Weakly hematite stained grey tonalite intrusion. Sharp upper and lower contact									
276.40	**279.00**	**I2 Intermediate intrusive GS2**									
		Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I									
		<<Vein: 278.3 - 278.4: Quartz vein contain >90% quartz>> Minor discontinuous qz vein. No rep angle									
279.00	**281.25**	**I3B Tonalite GS2**									
		light grey crytaline unit made up of mixed plagioclase and qz grains. Weak hematite stain/alteration near upper contact									
281.25	**282.90**	**I2 Intermediate intrusive GS2**									
		Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I									
282.90	**284.00**	**I3A Granite GS2**									
		Wavy lenses of felsic intrusion with homgeneous crystaline texture. Non parallel no									
284.00	**290.50**	**I2 Intermediate intrusive GS2**									
		Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I									
290.50	**290.70**	**I3A Granite GS3**									
		Medium to coarse grained felsic intrusive. Pervasssive hematite alteraiton. Very silicified									

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
290.70	**296.90**	**I2**	**Intermediate intrusive** **GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
<<Vein: 293.4 - 293.6: Quartz vein contain >90% quartz>> Milky qz vein with no related alteration or sulphide min												
296.90	**297.20**	**I3A1**	**Alkali Feldspar Granite** **GS1**									
Fine grained homogeneous potassicly stained felsic intrusion.												
297.20	**311.15**	**I2**	**Intermediate intrusive** **GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
<<Alt: 297.2 - 298: strong Epidote>> Interval with increreased epidote alt in the form of veinlets and pervassive throughout												
311.15	**312.15**	**I3A**	**Granite** **GS2**									
Medium grained homogeneous crystaline texture felsic intrusive. Euhedral plagioclase phenocrysts up to 4mm. Pervassively silicified												
312.15	**314.80**	**I2**	**Intermediate intrusive** **GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
314.80	**315.00**	**I3A**	**Granite** **GS2**									
Red/pink felsinc intriusive with pervassive potassic and hematite staining												
315.00	**322.95**	**I2**	**Intermediate intrusive** **GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
322.95	**323.90**	**I3B**	**Tonalite** **GS2**									
Grey/tlight tan coloured porphyritic intrusiv ewith dominant euhedral to subheral plagioclase grains. Very strong qz mineralization. Weak local potassic staining												
323.90	**324.70**	**I1**	**Mafic intrusive** **GS1**									
Dark greento dark grey MFI with very weak 45 TCA fabric (highlighted by green amphiboles). Very homogeneous												

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
324.70	**325.60**	**I2** **Intermediate intrusive**	**GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
325.60	**326.50**	**I3B** **Tonalite**	**GS2**									
Light grey/green intrusive with faint plagioclase phenocrysts. Pervassively silicified												
326.50	**329.40**	**I2** **Intermediate intrusive**	**GS2**									
Green to grey unit with medium grained pervassive crystaline texture. Minor qz mineralization over the interval ~5% but perhaps alteration. Local weak potassic alteration. Unit is potentially mafic but bleached due to weak pervassive alteration. Several I												
329.40	**334.20**	**E1A** **Basalt**	**GS1**									
Green unit with strong pervassive epidote veinlets within. Fine grained texture. Sharp upper and lower contact												
<<Alt: 329.5 - 329.8: intense Epidote>> well defined pervassive epidote alteration												
334.20	**334.50**	**I3A** **Granite**	**GS1**									
Fine ground mass with pervassive hematite alteration. Sharp well define contacts with coarser grained silicified intrusive												
<<Alt: 334.2 - 342.8: strong Hematitic>> Pervassive alteration within all of the felsic intrusions within												
334.50	**337.80**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Vert highly silicified/quartz rich intrusion witin, Large subhedral plagioclase phenocryst within. Pervassive hematite alteration most intense in minor veinlets. Several lenses hematite stained intrusive within.												
337.80	**340.50**	**I3A** **Granite**	**GS1**									
Fine ground mass with pervassive hematite alteration. Sharp well define contacts with coarser grained silicified intrusive												
340.50	**342.80**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Vert highly silicified/quartz rich intrusion witin, Large subhedral plagioclase phenocryst within. Pervassive hematite alteration most intense in minor veinlets. Several lenses hematite stained intrusive within.												
342.80	**343.60**	**E2** **Intermediate**	**GS1**									
Dark grey silified intermediate unit volcanic. Pervassive 5% epidote veinelts over the interval. 1-2% dissemianted pyrite min. Local intervals with more crystaline texture. Groundmass is too rich to be classified as mafic unit.												
343.60	**343.80**	**I3A** **Granite**	**GS1**									
Fine ground mass with pervassive hematite alteration. Sharp well define contacts with coarser grained silicified intrusive												
343.80	**376.20**	**E2** **Intermediate**	**GS1**									
Dark grey silified intermediate unit volcanic. Pervassive 5% epidote veinelts over the interval. 1-2% dissemianted pyrite min. Local intervals with more crystaline texture. Groundmass is too rich to be classified as mafic unit.												

Hole: PAC-20-027

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Min: 367 - 376: 2% pyrite>>									
		<<Alt: 376 - 376.5: complete Epidote>> Band of very strong epidote alteration on contact									
		<<Vein: 369.2 - 369.4: Quartz vein contain >90% quartz>> Light purple qz vein with no related sulphide min									
			368.00	369.00	1.00	337799	0.0025				
			369.00	370.00	1.00	337800	0.0025				
			370.00	371.00	1.00	337801	0.0025				
			371.00	372.00	1.00	337802	0.0025				
			372.00	373.50	1.50	337803	0.0025				
			373.50	375.00	1.50	337804	0.0025				
			375.00	376.20	1.20	337805	0.0025				
			376.20	377.30	1.10	337806	0.0025				
376.20	**377.30**	**I3B Tonalite GS2** Light grey porphyritic tonalite. Interval is very silicified. Very weak pervassive alteraiton. Plagioclase phenocryst are very faint.									
377.30	**384.60**	**E2 Intermediate GS1** Dark grey silified intermediate unit volcanic. Pervassive 5% epidote veinelts over the interval. 1-2% dissemianted pyrite min. Local intervals with more crystaline texture. Groundmass is too rich to be classified as mafic unit.									
			377.30	378.30	1.00	337807	0.0025				
384.60	**387.30**	**I3A Granite GS1** Red hematite stained felsic intrusive. Pervassive silicification. Very strong epidote alt on lower contact <<Alt: 387 - 388: complete Epidote>> band of very storng epidote alteration marking contact of felsic intrusive									
387.30	**393.00**	**E2 Intermediate GS1** Dark grey silified intermediate unit volcanic. Pervassive 5% epidote veinelts over the interval. 1-2% dissemianted pyrite min. Local intervals with more crystaline texture. Groundmass is too rich to be classified as mafic unit.									
End of Hole @ 393											

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-028

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-14	**Core Size:**	NQ
UTM East:	435815.7303	**Azimuth:**	26	**Date Completed:**	2020-04-17	**Casing Pulled?:**	☐
UTM North:	5642868.267	**Dip:**	-51.5	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	418.84	**Length (m):**	297	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-51.1	26.7			57923	☑	
18	Reflex			-51.2	26.5			57607	☑	
21	Reflex			-51.1	26.5			57391	☑	
24	Reflex			-51.2	26.6			57262	☑	
27	Reflex			-51.2	26.4			57200	☑	
30	Reflex			-51.1	26.4			57135	☑	
33	Reflex			-51	26.5			57118	☑	
36	Reflex			-50.8	26.9			57096	☑	
39	Reflex			-50.9	26.5			57103	☑	
42	Reflex			-51	26.8			57074	☑	
45	Reflex			-50.9	26.9			57075	☑	
48	Reflex			-50.8	27			57081	☑	
51	Reflex			-50.9	26.7			57091	☑	

Hole: PAC-20-028

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
57	Reflex			-50.9	26.8			57072	☑	
60	Reflex			-50.7	26.7			57069	☑	
63	Reflex			-50.7	26.7			57070	☑	
66	Reflex			-50.5	26.7			57057	☑	
69	Reflex			-50.6	26.5			57056	☑	
72	Reflex			-50.6	26.6			57066	☑	
75	Reflex			-50.7	26.3			57084	☑	
78	Reflex			-50.5	26.5			57075	☑	
84	Reflex			-50.7	26.4			57074	☑	
87	Reflex			-50.3	26.5			57064	☑	
90	Reflex			-50.8	26.9			57082	☑	
93	Reflex			-50.8	26.3			57073	☑	
96	Reflex			-50.5	26.3			57079	☑	
102	Reflex			-50.5	26.5			57085	☑	
105	Reflex			-50.5	26.5			57096	☑	
108	Reflex			-50.5	26.4			57098	☑	
111	Reflex			-50.7	26.6			57098	☑	
114	Reflex			-50.4	26.6			57108	☑	
120	Reflex			-50.3	26.8			57117	☑	
123	Reflex			-50.3	26.5			57101	☑	
126	Reflex			-50.3	26.6			57111	☑	
129	Reflex			-50.3	26.7			57109	☑	
132	Reflex			-50.2	26.6			57111	☑	
135	Reflex			-50.2	26.7			57119	☑	

Hole: PAC-20-028

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	Reflex			-50.1	26.6			57118	☑	
147	Reflex			-50.1	26.6			57118	☑	
150	Reflex			-50	26.5			57119	☑	
156	Reflex			-49.9	26.5			57128	☑	
159	Reflex			-49.8	26.6			57123	☑	
168	Reflex			-49.5	26.7			57130	☑	
171	Reflex			-49.5	26.8			57129	☑	
174	Reflex			-49.4	27.1			57070	☑	
177	Reflex			-49.5	27			57101	☑	
180	Reflex			-49.4	26.8			57138	☑	
186	Reflex			-49.3	26.8			57181	☑	
189	Reflex			-49.3	27			57169	☑	
192	Reflex			-49.2	27			57166	☑	
195	Reflex			-49.2	27			57149	☑	
198	Reflex			-49.2	27			57148	☑	
201	Reflex			-49.1	27			57147	☑	
204	Reflex			-49.1	26.9			57155	☑	
207	Reflex			-49	26.9			57158	☑	
210	Reflex			-49.1	27			57156	☑	
213	Reflex			-49	26.8			57151	☑	
216	Reflex			-48.9	26.6			57156	☑	
219	Reflex			-48.9	26.8			57168	☑	
222	Reflex			-48.9	26.8			57173	☑	
228	Reflex			-48.7	26.9			57181	☑	

Hole: PAC-20-028

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
231	Reflex			-48.7	27.1			57185	☑	
234	Reflex			-48.6	26.8			57177	☑	
237	Reflex			-48.5	26.9			57192	☑	
240	Reflex			-48.4	26.9			57174	☑	
243	Reflex			-48.4	27			57178	☑	
246	Reflex			-48.3	27			57196	☑	
249	Reflex			-48.3	27			57205	☑	
252	Reflex			-48.1	27			57199	☑	
258	Reflex			-48	27			57217	☑	
261	Reflex			-47.9	27.2			57210	☑	
264	Reflex			-47.8	27.1			57209	☑	
267	Reflex			-47.8	27.3			57223	☑	
270	Reflex			-47.6	27			57229	☑	
273	Reflex			-47.7	27.4			57217	☑	
276	Reflex			-47.6	27.3			57184	☑	
279	Reflex			-47.6	27.4			57183	☑	
282	Reflex			-47.5	27.5			57199	☑	
285	Reflex			-47.5	27.6			57196	☑	
288	Reflex			-47.5	27.8			57329	☑	
291	Reflex			-47.5	27.5			57107	☑	
294	Reflex			-47.4	27.8			57537	☑	

Hole: PAC-20-028

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB Overburden**									
3.00	**8.30**	**E1A Basalt GS1**									
Green to grey texturaly homgeneous fine grained unit. 1mm green amphibole grained visible localy over about 40% of the interval with no strong observed controls. Several AFG lenses within with no notable veining or alteration. Possibly Described as interm											
<<Vein: 6.15 - 6.25: Quartz vein contain >90% quartz>> Light grey qz vein with no associated sulphide min or alt											
8.30	**9.20**	**I3A1 Alkali Feldspar Granite GS2**									
Red/Pink potassic stained Qz,feldspar and biotite dominated unit. Homogeneous crystaline texture. Same as the AFG unit described starting at 28.15m											
9.20	**13.00**	**E1A Basalt GS1**									
Green to grey texturaly homgeneous fine grained unit. 1mm green amphibole grained visible localy over about 40% of the interval with no strong observed controls. Several AFG lenses within with no notable veining or alteration. Possibly Described as interm											
<<Vein: 12.15 - 12.25: Quartz vein contain >90% quartz>> Light grey qz veinlet with strong associated epidote alt in local wall rock											
13.00	**13.74**	**I3A1 Alkali Feldspar Granite GS2**									
Red/Pink potassic stained Qz,feldspar and biotite dominated unit. Homogeneous crystaline texture. Same as the AFG unit described starting at 28.15m											
13.74	**28.15**	**E1A Basalt GS1**									
Green to grey texturaly homgeneous fine grained unit. 1mm green amphibole grained visible localy over about 40% of the interval with no strong observed controls. Several AFG lenses within with no notable veining or alteration. Possibly Described as interm											
<<Alt: 24.4 - 28.15: strong Epidote>> Increased intensity of epdiote veinlets leading up to contact with felsic intrusive											
<<Vein: 16.95 - 17: Quartz vein contain >90% quartz>> Light grey qz vein with trace py min											
28.15	**33.60**	**I3A1 Alkali Feldspar Granite GS2**									
Very homogeneous medium to coarse grained crystaline intrusive. Pervassive euhedral plagioclase and K feldspar grains. Pervvassive pink/red colour. Silicified but lacking qz veining. 3-5% pervassive epidote veinlets with varying angles. Several basalt len											
33.60	**35.40**	**E1A Basalt GS1**									
Green basalt unit described surrounding felsic intrusive unit. Pervassive fine epdiote veinlets with various angles. No veining or contact realted alteration											

Hole: PAC-20-028

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
35.40	**39.55**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Very homogeneous medium to coarse grained crystaline intrusive. Pervassive euhedral plagioclase and K feldspar grains. Pervvassive pink/red colour. Silicified but lacking qz veining. 3-5% pervassive epidote veinlets with varying angles. Several basalt len												
39.55	**40.40**	**E1A Basalt**	**GS1**									
Fine grained lense of green basalt within. Local patches of hematite/potassic staining.												
40.40	**44.45**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Very homogeneous medium to coarse grained crystaline intrusive. Pervassive euhedral plagioclase and K feldspar grains. Pervvassive pink/red colour. Silicified but lacking qz veining. 3-5% pervassive epidote veinlets with varying angles. Several basalt len												
44.45	**51.00**	**E1A Basalt**	**GS1**									
Continuation of fine grained green to grey/grey mafic unit. Minor 1mm dark amphibole grains. 5% fine epidote veinlets. Trace anhedral to subhedral faint plagioclase grains.												
51.00	**53.20**	**I3A1 Alkali Feldspar Granite**	**GS2**	51.00	52.50	1.50	337808	0.0025				
Typical lense homogeneous crystaline texture medium grained felsic intrusive domianted by QZ feldspars. No veining or contact related alteration/mineralization												
<<Vein: 51.6 - 51.7: Quartz vein contain >90% quartz>> Light grey discontinuous qz vein. Trace related py mineralization				52.50	54.00	1.50	337809	0.0025				
53.20	**54.00**	**E1A Basalt**	**GS1**									
Continuation of fine grained green to grey/grey mafic unit. Minor 1mm dark amphibole grains. 5% fine epidote veinlets. Trace anhedral to subhedral faint plagioclase grains.												
54.00	**56.80**	**I2 Intermediate intrusive**	**GS1**	54.00	55.50	1.50	337811	0.0025				
Very dark grey fine grained unknown intrusive with faint light plagioclase phenocrysts. Minor faint patches of chlorite alteration.												
<<Struc: 54.3 - 54.5: weak Fault 45 deg. >> 1cm band of hematite stained fault gauge				55.50	57.00	1.50	337812	0.0025				
56.80	**58.80**	**I3B Tonalite**	**GS2**									
Qz dominated felsic intrusive. Mixed weak potassic and hematite alteration. Grey coloured where unis is not altered. Homogeneous crystaline crytaline texture.												
				57.00	58.50	1.50	337813	0.0025				
				58.50	60.00	1.50	337814	0.005				
58.80	**59.60**	**I2 Intermediate intrusive**	**GS1**									
Very dark grey fine grained unknown intrusive with faint light plagioclase phenocrysts. Minor faint patches of chlorite alteration.												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 59 - 59.7: weak Fault>> Broken up rubble zone with fragments typicaly around 4cm.												
59.60	**61.70**	**E1A** **Basalt**	**GS1**									
Lense of green basalt with minor patches of epidote alteration. Minor grains of amphiboles within. Local interval of storng hematite alteration.												
<<Alt: 61.4 - 62.5: strong Hematitic>> Local strong pervassive red/brown oxidation.												
<<Struc: 60.6 - 61: weak Fault>> Broken up rubble zone with fragments typicaly around 4cm.												
				60.00	61.50	1.50	337815	0.0025				
				61.50	63.00	1.50	337816	0.0025				
61.70	**66.35**	**I3A1** **Alkali Feldspar Granite**	**GS2**	63.00	64.50	1.50	337817	0.0025				
Homogeneous crystaline texture. Medium to Coarse grained. Qz, feldspar and plagioclase dominated intrusive. Trace qz veining. Minor biotite min within												
<<Vein: 63.05 - 63.1: Quartz vein contain >90% quartz>> Grey qz vein with a minor veinlet of un oxidized silver hematite				64.50	66.00	1.50	337818	0.0025				
66.35	**69.60**	**E1A** **Basalt**	**GS1**									
Lense of green/grey basalt with very faint plagioclase phenocryst. Very weak minor mixed epdiote alt and chlorite alt. Local patches tan coloured alteration. Red hematite alteration common on fracture faces. Several highly fractured intervals. Lense of d												
69.60	**72.80**	**E2** **Intermediate**	**GS2**									
Dark grey unit with transitional contacts with greener basalt on upper and lower contacts. Increased mineralization of faint cream coloured plagioclase grains.												
<<Alt: 70.5 - 71.5: moderate Hematitic>> Deep red hematite alteration on fracture faces												
<<Struc: 70.5 - 71.3: weak Fault>> Oxidized brown stained rubble zone with trace fault gauge. Fragments typically around 3-5cm.												
72.80	**76.10**	**E1A** **Basalt**	**GS1**									
Lense of green/grey basalt with very faint plagioclase phenocryst. Very weak minor mixed epdiote alt and chlorite alt. Local patches tan coloured alteration. Red hematite alteration common on fracture faces. Several highly fractured intervals. Lense of d												
<<Alt: 73.3 - 76.1: intense Silicification / moderate Hematitic>> Strong interval of pervassive silicification with well defined and start and end. Tan coloured with red hematite alteration.Interval with pervassive hematite alt strongest within fractures												
76.10	**76.55**	**I3B** **Tonalite**	**GS2**									
Qz dominated intrusive with very weak hematite staining. Sharp upper and lower contacts. Fracture veinlets of epidote alteration												

Hole: PAC-20-028

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
76.55	**93.00**	**E1A Basalt GS1** Lense of green/grey basalt with very faint plagioclase phenocryst. Very weak minor mixed epdiote alt and chlorite alt. Local patches tan coloured alteration. Red hematite alteration common on fracture faces. Several highly fractured intervals. Lense of d <<Alt: 81.6 - 82.5: moderate Hematitic>> Weak deep red hematite alteration within highly fractured interval. <<Alt: 90 - 90.7: weak Hematitic>> Interval with deep red hematite alteraiton on fracture faces. <<Alt: 90.7 - 94: moderate Epidote / weak Hematitic>> Patchy tan/bleached coloured alteration.Interval with deep red hematite alteraiton on fracture faces. <<Struc: 81.5 - 82.6: weak Fault>> Broken up zone with angular fragments typicallt from 2-4cm in diameter. Pervassive oxidation on break surfaces. No observed fault gauge									
93.00	**93.30**	**I3A Granite GS2** Qz dominated lense of felsic intrusive. Weak potassic staining throughout. Fine to medium grained crytaline texture. No veining <<Struc: 93 - 95: weak Fault>> Interval with poor RQD angular oxidized fragments ranging from 2-8cm in diameter.	93.00	94.50	1.50	337819	0.007				
93.30	**97.25**	**E1A Basalt GS1** Lense of green/grey basalt with very faint plagioclase phenocryst. Very weak minor mixed epdiote alt and chlorite alt. Local patches tan coloured alteration. Red hematite alteration common on fracture faces. Several highly fractured intervals. Lense of d <<Alt: 94 - 100: weak Hematitic>> Interval with deep red hematite alteraiton on fracture faces. <<Vein: 95.25 - 96: Quartz vein contain >90% quartz>> Light grey trendless qz veins with very minor grains of specular hematite on vein margins	94.50	96.00	1.50	337820	0.0025				
			96.00	97.50	1.50	337821	0.0025				
97.25	**97.50**	**I3A Granite GS2** Qz dominated lense of felsic intrusive. Weak potassic staining throughout. Fine to medium grained crytaline texture. No veining									
97.50	**100.00**	**E1A Basalt GS1** Lense of green/grey basalt with very faint plagioclase phenocryst. Very weak minor mixed epdiote alt and chlorite alt. Local patches tan coloured alteration. Red hematite alteration common on fracture faces. Several highly fractured intervals. Lense of d	97.50	99.00	1.50	337822	0.0025				
			99.00	100.50	1.50	337823	0.0025				
100.00	**103.00**	**I2 Intermediate intrusive GS1** Dark grey intrusive with pervassive faint plagioclase phenocrysts 1mm. Very transitional upper contact. Loss of green chlorite realted colour from the basalt unit. Pervassive hematite alteration strongest on fracture faces. <<Alt: 100 - 103.2: moderate Hematitic>> deep red/brown hematite alteration on fracture faces. <<Struc: 101.6 - 102.4: weak Fault>> Broken up interval with angular hematite oxidized fragments.									

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
103.00	**107.80**	**I3A Granite GS2** Strongly hematite stained granitic intrusion, Homogeneous crystaline texture. Interval is highly fractures. Qz,plagioclase and feldspar dominated <<Alt: 107.7 - 111.9: moderate Hematitic>> deep red/brown hematite alteration on fracture faces. Weak pervassive alteration									
107.80	**111.90**	**I2 Intermediate intrusive GS2** Dark grey hematite stained intrusive. Pervassive subhedral plagioclase phenocrysts up to 3mm. Dark grey ground mass is fine to very fine grained and hard to ID.Trace veining over the interval. Interval is highly fractured. Broken up upper contact.	108.00	109.50	1.50	337824	0.0025				
		<<Vein: 110.4 - 110.6: Quartz vein contain >90% quartz>> Light grey tension veins with no related py min.	109.50	111.00	1.50	337825	0.0025				
		<<Vein: 111.8 - 111.9: Quartz vein contain >90% quartz>> Light grey qz vein with wavy contacts. No related sulphide min or alteration.	111.00	112.50	1.50	337826	0.0025				
		<<Struc: 108.3 - 111.9: weak Fault>> Broken up interval with angular hematite oxidized fragments.									
111.90	**117.90**	**I3A Granite GS2** Pervassive red/brown hematite staining. Homogeneous medium grained crystalie texture. Trace qz floodig veins withi. Same unit described from 103-107.8. wavy sharp upper contact	112.50	114.00	1.50	337827	0.0025				
		<<Vein: 114.2 - 115: Quartz vein contain >90% quartz>> Light grey qz stw with varying vein TCA. Veins are discontinous with a flooding like texture. No related sulphide min	114.00	115.50	1.50	337828	0.0025				
			115.50	117.00	1.50	337829	0.0025				
117.90	**123.80**	**E1 mafic volcanics GS1** Light green to grey mafic unit. Fine grained ground mass with sub to anhedral plagioclase grains. ~1mm. Local intervals with increased "phenocryst" with o strong control or defined contacts. Rare rounded felsic clast/xenolith within. 2-4% epidote veinlets									
		<<Struc: 120 - 122: Fault>> NCR from 120-122m no indication that the ground interval is fault or structure related									
123.80	**125.50**	**E2 Intermediate GS2** Grey intermediateintrusive with sub hedral plagioclase phenocrysts up to 3mm. Contacts are transitional.									
125.50	**136.10**	**E1 mafic volcanics GS1** Light green to grey mafic unit. Fine grained ground mass with sub to anhedral plagioclase grains. ~1mm. Local intervals with increased "phenocryst" with o strong control or defined contacts. Rare rounded felsic clast/xenolith within. 2-4% epidote veinlets	129.00	130.50	1.50	337831	0.0025				
		<<Alt: 127 - 129.2: moderate Hematitic>> Interval where red brown hem alt is stongest in fracture/rubble zone. Pervassive alt creates a red/purple coloured faint stain	130.50	132.00	1.50	337832	0.0025				
		<<Alt: 129.2 - 132: strong Silicification / moderate Hematitic>> Pervassive silificication cause wall rock to bleach. Interval is brecciated into angular fragmentsInterval where red brown hem alt is stongest in fracture/rubble zone. Pervassive alt creates a red/purple coloured faint stain	132.00	133.50	1.50	337834	0.013				

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From (m)	To (m)	Rock Type & Description
		<<Alt: 132 - 132.8: strong Silicification>> Pervassive silificication cause wall rock to bleach. Interval is brecciated into angular fragments
		<<Struc: 127 - 130: weak Fault>> Broken up interval with angular hematite oxidized fragments.
		<<Struc: 130 - 131.9: moderate Breccia>> Brecciation of a silicified interval. Silicified rock is broken up into angular fragments.
		<<Struc: 131.9 - 132: moderate Fault 40 deg. >> 1 cm band of fault gauge. Fault gauge is strongly hematite alteration
136.10	**137.95**	**I3A Granite GS0**
		Tan coloured aphanitic felsic intrusive. Interval is highly silicified. No veining. Pervassive epdiote veinlets.
137.95	**162.00**	**E1 mafic volcanics GS1**
		Light green to grey mafic unit. Fine grained ground mass with sub to anhedral plagioclase grains. ~1mm. Local intervals with increased "phenocryst" with o strong control or defined contacts. Rare rounded felsic clast/xenolith within. 2-4% epidote veinlets
		<<Alt: 152 - 155.2: strong Epidote>> Mixed fracture/veinlets of epdiote alt. Minor pervassive alt.
162.00	**170.30**	**I2 Intermediate intrusive GS1**
		Fine to medium grained grey intermediate unit. Interval is dominated by a crystaline texture. 2% disseminated pyrite. Pervassive weak silicification. 35 degree banding /foliation. Several minor felsic lenses within. 25% 2mm subhedral plagioclase phenocry
170.30	**172.40**	**I3A Granite**
		Tan to light grey intrusve with anhedral plagioclase phenocrysts. Highly silicified. Sharp upper and lower contacts. Minor epidote veinlets throughout.
172.40	**192.60**	**I2 Intermediate intrusive GS1**
		Fine to medium grained grey intermediate unit. Interval is dominated by a crystaline texture. 2% disseminated pyrite. Pervassive weak silicification. 35 degree banding /foliation. Several minor felsic lenses within. 25% 2mm subhedral plagioclase phenocry
		<<Struc: 183 - 197: moderate Foliation 35 deg. >> Weak to moderate foliation within intermediate intrusive interval. Grains are elongated parallel to structure. Structure fades in and out on upper and lower contact.
192.60	**201.00**	**E2 Intermediate GS1**
		Light grey to green weakly silicified intermediate volcanic. Loss of crystaline texture observed in intermediate intrusive

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
186.00	187.50	1.50	337835	0.008				
187.50	189.00	1.50	337836	0.079				
189.00	190.50	1.50	337837	0.047				
190.50	192.00	1.50	337838	0.007				

Hole: PAC-20-028

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
201.00	**206.80**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Homogeneous red/brown coloured intrusive. Pervassive epidote veinlets throughout. Qz and feldspar dominated. Pervassive hematite staining over the interval.												
206.80	**208.20**	**E2** **Intermediate**	**GS1**									
green to grey heterogeneous volcanic unit with patchy tan to red coloured hematite alteration. Local alteration variations as well as textural changes throughout. Hematite alt is typicaly patchy, on fracture faces or in veinlets. Lower contact is a transi												
208.20	**209.00**	**I3A** **Granite**	**GS2**									
Lense of medium grained red crystaline felsic intrusive described in lith 1 starting at 201m. Homogenerous texture and pervassive hematite altertation.												
209.00	**216.60**	**E2** **Intermediate**	**GS1**									
green to grey heterogeneous volcanic unit with patchy tan to red coloured hematite alteration. Local alteration variations as well as textural changes throughout. Hematite alt is typicaly patchy, on fracture faces or in veinlets. Lower contact is a transi												
216.60	**217.40**	**I2** **Intermediate intrusive**	**GS2**									
Hematite stained intermediate intrusive with dominated plagioclase phenocrysts.												
217.40	**230.20**	**E2** **Intermediate**	**GS1**									
green to grey heterogeneous volcanic unit with patchy tan to red coloured hematite alteration. Local alteration variations as well as textural changes throughout. Hematite alt is typicaly patchy, on fracture faces or in veinlets. Lower contact is a transi												
<<Vein: 222.45 - 222.55: Quartz vein contain >90% quartz>> Light grey qz vein with tourmaline within. No related sulphide min												
				228.00	229.00	1.00	337839	0.0025				
				229.00	230.20	1.20	337840	0.0025				
230.20	**232.00**	**I3A** **Granite**	**GS1**									
Aphanitic extremely silicified intrusive lense with well defined wavy upper and lower contacts. 2% disseminated pyrite. Aphanitic texture with no grains observed. Homogeneous												
<<Min: 230.2 - 232: 2% pyrite>>												
<<Alt: 230.2 - 232: complete Silicification>> Extremely silicified intrusive lense. Alteration is constrained to the felsic int.												
				230.20	231.00	0.80	337841	0.0025				
				231.00	232.00	1.00	337842	0.0025				

Hole: PAC-20-028

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
232.00	**244.60**	**E2 Intermediate GS1**	232.00	233.00	1.00	337843	0.0025				
green to grey heterogeneous volcanic unit with patchy tan to red coloured hematite alteration. Local alteration variations as well as textural changes throughout. Hematite alt is typicaly patchy, on fracture faces or in veinlets. Lower contact is a transi											
<<Alt: 237.75 - 242: strong Epidote / strong Hematitic>> Local increased peidote alt in the form of veinlets and pervassive wall rock alt. related increased hematite alt.Increased red/tan coloured pervassive hem alt associated with increased epidote alt.			233.00	234.00	1.00	337844	0.0025				
<<Struc: 234 - 234.3: moderate Fault 15 deg. >> Very shallow dipping well defined contact between wall rock and fault gauge.. Fault gauge is a dark brown colour			234.00	235.00	1.00	337845	0.0025				
<<Struc: 242 - 262: weak Foliation 45 deg. >> Weak foliation best observed within the ITI. Grains elongated parallel to foliation and some alteration veinelts also parallel to structure. No qz veining parallel to foliation			235.00	236.00	1.00	337846	0.0025				
244.60	**254.10**	**I2 Intermediate intrusive GS2**	252.00	253.00	1.00	337847	0.028				
Weakly to moderatly foliated grey crystaline rock. Interval is relatively homogeneous over the interval. 2% dissemainted py min. Foliation approx 40 degrees TCA. Lower contact is transitional.											
<<Vein: 253.9 - 254: Quartz vein contain >90% quartz>> Wavy light grey qz vein. With trace realted py min. vein does not mark upper contact			253.00	253.80	0.80	337849	0.038				
			253.80	254.50	0.70	337850	0.0025				
254.10	**254.50**	**I3A Granite GS2**									
Ligght tan coloured silicified intrusive with muscovite mineralization throuhgout. Lower contact is marked by a milky qz veins											
<<Vein: 254.35 - 254.45: Quartz vein contain >90% quartz>> Wavy milky to light grey qz vein with related tourmaline min on lower granitic contact											
254.50	**261.00**	**I2 Intermediate intrusive GS2**	254.50	256.00	1.50	337851	0.0025				
Weakly to moderatly foliated grey crystaline rock. Interval is relatively homogeneous over the interval. 2% dissemainted py min. Foliation approx 40 degrees TCA. Lower contact is transitional.											
261.00	**268.30**	**E2 Intermediate GS1**									
Fine grained dark grey altered unit. Heterogeneous patchy alteration											
268.30	**273.10**	**I3A Granite GS2**									
Highly silicified felsic intrusive. Pervassive hematite alteration over 90% of the interval.											
273.10	**288.30**	**E2 Intermediate GS1**									
Fine grained light grey to green. Faint tan coloured. Minor green epidote veinlet throughout.											
<<Alt: 273.1 - 276: moderate Hematitic>> Weak hematite alt following contact with felsic in. give local wall rock a faint brown/purple stain. Most visible on fracture faces											
<<Alt: 286.5 - 288.3: moderate Epidote>> Local minor increase in epidote veinlets.											

Hole: PAC-20-028

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
288.30	**297.00**	**I2** **Intermediate intrusive**	**GS2**									

Silicified green to grey unit with anhedral grey plagioclase phenocrysts. Very quick textural transition from upper contact with intermediate volcanic.

End of Hole @ 297

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-029

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-17	**Core Size:**	NQ
UTM East:	437914.0941	**Azimuth:**	197	**Date Completed:**	2020-04-21	**Casing Pulled?:**	☐
UTM North:	5643610.011	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	420.86	**Length (m):**	421.5	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
18	Reflex			-49.7	197			56859	☑	
21	Reflex			-49.7	196.2			57040	☑	
27	Reflex			-49.7	195.9			56876	☑	
30	Reflex			-49.6	195.9			56788	☑	
33	Reflex			-49.8	195.8			56727	☑	
36	Reflex			-49.5	195.6			56829	☑	
39	Reflex			-49.7	196.6			56606	☑	
45	Reflex			-49.7	195.9			56762	☑	
48	Reflex			-49.7	196.2			56704	☑	
51	Reflex			-49.6	196.3			56698	☑	
54	Reflex			-49.8	195.5			56673	☑	
57	Reflex			-49.6	196.3			56635	☑	
63	Reflex			-49.4	196.1			56783	☑	

Hole: PAC-20-029

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
66	Reflex			-49.2	196.7			57179	☑	
75	Reflex			-48.8	196.4			56958	☑	
78	Reflex			-48.6	195.5			56908	☑	
81	Reflex			-48.6	195.8			56912	☑	
84	Reflex			-48.5	195.8			56950	☑	
90	Reflex			-48.3	195.5			56732	☑	
93	Reflex			-48.3	195.1			57194	☑	
96	Reflex			-48.3	195.9			56597	☑	
99	Reflex			-48.3	195.7			56622	☑	
102	Reflex			-48.3	195.7			56652	☑	
105	Reflex			-48.3	195.8			56656	☑	
108	Reflex			-48.3	195.5			56659	☑	
111	Reflex			-48.3	195.7			56661	☑	
114	Reflex			-48.3	195.5			56682	☑	
117	Reflex			-48.3	195.2			56657	☑	
120	Reflex			-48.4	196.3			56656	☑	
123	Reflex			-48.2	195.5			56660	☑	
126	Reflex			-48	195.2			56666	☑	
129	Reflex			-48.2	195.5			56661	☑	
132	Reflex			-48.2	195.1			56667	☑	
135	Reflex			-48.1	195.3			56668	☑	
138	Reflex			-48.1	195.5			56678	☑	
141	Reflex			-48.1	195.2			56680	☑	
144	Reflex			-48.1	194.9			56679	☑	

Hole: PAC-20-029

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
147	Reflex			-48	194.8			56693	☑	
150	Reflex			-48.1	195.2			56683	☑	
153	Reflex			-48	195.2			56709	☑	
156	Reflex			-47.9	194.9			56711	☑	
159	Reflex			-48	195			56718	☑	
162	Reflex			-48	194.7			56735	☑	
168	Reflex			-48.1	194.5			56764	☑	
171	Reflex			-48	195.4			56840	☑	
174	Reflex			-48	195.5			56859	☑	
177	Reflex			-48	195.6			56946	☑	
180	Reflex			-47.9	194.8			56917	☑	
183	Reflex			-48	195.8			56744	☑	
186	Reflex			-47.8	195.1			56499	☑	
189	Reflex			-47.8	195.1			57318	☑	
192	Reflex			-47.7	194.6			57136	☑	
195	Reflex			-47.7	194.6			57117	☑	
198	Reflex			-47.6	195			57297	☑	
201	Reflex			-47.6	195.2			56885	☑	
204	Reflex			-47.5	195.4			57124	☑	
207	Reflex			-47.5	194.6			57653	☑	
210	Reflex			-47.3	194.7			57028	☑	
216	Reflex			-47.3	195			56886	☑	
219	Reflex			-47.2	194.9			56774	☑	
228	Reflex			-47.1	194			57099	☑	

Hole: PAC-20-029

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
243	Reflex			-47	194.4			58120	☑	
255	Reflex			-46.7	194.2			57270	☑	
258	Reflex			-46.6	194			57120	☑	
261	Reflex			-46.6	194.7			57047	☑	
270	Reflex			-46.3	194.1			56788	☑	
273	Reflex			-46.2	194.2			56788	☑	
276	Reflex			-46.2	194.6			56872	☑	
279	Reflex			-46.1	194.5			56684	☑	
282	Reflex			-46.1	193.5			57307	☑	
285	Reflex			-46	193.5			56453	☑	
288	Reflex			-46	194.2			56677	☑	
291	Reflex			-46	194.1			56784	☑	
294	Reflex			-45.9	193.9			56826	☑	
297	Reflex			-46	193.9			56823	☑	
300	Reflex			-45.9	193.9			56839	☑	
303	Reflex			-45.9	194.1			56837	☑	
306	Reflex			-45.9	194			56856	☑	
309	Reflex			-45.8	194			56881	☑	
312	Reflex			-45.8	193.3			56886	☑	
315	Reflex			-45.8	194			56876	☑	
318	Reflex			-45.5	194.3			56895	☑	
321	Reflex			-45.6	194			56902	☑	
324	Reflex			-45.4	193.9			56906	☑	
327	Reflex			-45.4	194.1			56912	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
330	Reflex			-45.3	193.5			56855	☑	
333	Reflex			-45.2	193.8			56931	☑	
336	Reflex			-45.1	193.9			56940	☑	
339	Reflex			-45	193.8			56940	☑	
342	Reflex			-45	193.7			56931	☑	
345	Reflex			-44.9	193.7			56925	☑	
354	Reflex			-44.7	193.5			56873	☑	
360	Reflex			-44.5	193.5			56842	☑	
363	Reflex			-44.5	193.8			56858	☑	
366	Reflex			-44.4	193.9			56919	☑	
369	Reflex			-44.3	193.8			56894	☑	
372	Reflex			-44.3	193.8			56898	☑	
375	Reflex			-44.3	193.7			56906	☑	
378	Reflex			-44.2	194.2			56895	☑	
381	Reflex			-44.2	193.8			56896	☑	
384	Reflex			-44.2	193.8			56890	☑	
387	Reflex			-44.1	193.8			56864	☑	
390	Reflex			-44.1	193.9			56862	☑	
393	Reflex			-44	193.8			56866	☑	
396	Reflex			-44	194			56859	☑	
399	Reflex			-44	193.9			56846	☑	
402	Reflex			-44	194			56842	☑	
405	Reflex			-43.9	193.8			56840	☑	
408	Reflex			-44.2	193.3			56888	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
411	Reflex			-43.9	194			56813	☑	
414	Reflex			-43.8	194.1			56815	☑	
417	Reflex			-43.8	194			56791	☑	
420	Reflex			-43.8	194.1			56768	☑	

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB**	**Overburden**										
3.00	**4.30**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey sub to anhedral plagioclase grains throughout. Interval is extrememly silicifed. Interval is likely either tonalite or grano diorite. Patchy potassic alteration over the interval. Very strong 55 degree lineation. Elongated grains paralle to lin <<Alt: 3 - 8: moderate K-feldspar / strong Silicification>> Patchy potassic alteration surrounding minor red felsic intrusive.Highly silicified intermediate intrusive. Pervassive silicification as well as qz grains <<Struc: 3 - 44.4: moderate Foliation 55 deg. >> Moderate to weak pervassive lineation/ folation within the intermediate intrusive lense. Structure not visible within the mafic lenses within ITI												
4.30	**4.45**	**I3A**	**Granite**	**GS1**									
Red/brown very fine grained homogeneous silicified felsic intrusive with sharp contacts.													
4.45	**8.20**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey sub to anhedral plagioclase grains throughout. Interval is extrememly silicifed. Interval is likely either tonalite or grano diorite. Patchy potassic alteration over the interval. Very strong 55 degree lineation. Elongated grains paralle to lin <<Alt: 8 - 37: strong Silicification>> Highly silicified intermediate intrusive. Pervassive silicification as well as qz grains													
8.20	**9.65**	**E1A**	**Basalt**	**GS1**									
Dark green homogeneous fine grained baslt unit with no veining or alteration within.													
9.65	**12.30**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey sub to anhedral plagioclase grains throughout. Interval is extrememly silicifed. Interval is likely either tonalite or grano diorite. Patchy potassic alteration over the interval. Very strong 55 degree lineation. Elongated grains paralle to lin					10.50	12.00	1.50	337852	0.0025				
					12.00	13.00	1.00	337853	0.0025				
12.30	**13.10**	**E1A**	**Basalt**	**GS1**	13.00	14.50	1.50	337854	0.0025				
Green to light grey basalt unit with sharp contacts													
13.10	**17.00**	**I2**	**Intermediate intrusive**	**GS2**	14.50	16.00	1.50	337855	0.0025				
Light grey sub to anhedral plagioclase grains throughout. Interval is extrememly silicifed. Interval is likely either tonalite or grano diorite. Patchy potassic alteration over the interval. Very strong 55 degree lineation. Elongated grains paralle to lin <<Vein: 13.1 - 13.4: Quartz vein contain >90% quartz>> Light grey (1cm) wavy qz vein with my min on the margins. Minor trace chlorite alt patches. <<Vein: 13.85 - 14.1: Quartz vein contain >90% quartz>> Light grey 3cm wavy qz vein with minor associated py min					16.00	17.50	1.50	337856	0.0025				
17.00	**17.45**	**I3A**	**Granite**	**GS1**									
Red/brown very fine grained highly silicified felsic intrusive. Minor grains of pyrite within.													

Hole: PAC-20-029

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
17.45	**34.95**	**I2 Intermediate intrusive GS2** Light grey sub to anhedral plagioclase grains throughout. Interval is extrememly silicifed. Interval is likely either tonalite or grano diorite. Patchy potassic alteration over the interval. Very strong 55 degree lineation. Elongated grains paralle to lin									
34.95	**35.50**	**I1 Mafic intrusive GS1** Dark green very homogeneous gabbroic unit, No veining, alteration. Trave diss py min									
35.50	**44.40**	**I2 Intermediate intrusive GS2** Light grey sub to anhedral plagioclase grains throughout. Interval is extrememly silicifed. Interval is likely either tonalite or grano diorite. Patchy potassic alteration over the interval. Very strong 55 degree lineation. Elongated grains paralle to lin	42.00	43.50	1.50	337857	0.0025				
		<<Alt: 37 - 44.4: moderate K-feldspar / strong Silicification>> Patchy weak red/brown potasic staining near lower contact of major intermediate intrusive .Highly silicified intermediate intrusive. Pervassive silicification as well as qz grains	43.50	45.00	1.50	337858	0.0025				
		<<Vein: 40.2 - 40.3: Quartz vein contain >90% quartz>> 3cm light grey qz vein with very minor py min on the margins									
44.40	**55.90**	**I1 Mafic intrusive GS1** Dark green crystaline mafic intrusive rock. Texture ranges from fine to medium grained. Local well defined with porphyritic texture within. 4% carbonate veinlets. Lower contact is fine grained but sharp and marked by a sudden magnetism within the ultramaf	45.00	46.50	1.50	337859	0.0025				
		<<Alt: 44.4 - 44.7: moderate K-feldspar>> Patchy weak red/brown potasic staining near lower contact of major intermediate intrusive .									
55.90	**56.05**	**I3A Granite GS1** Red/brown very fine grained homogeneous silicified felsic intrusive with sharp contacts.									
56.05	**61.65**	**I1 Mafic intrusive GS1** Dark green crystaline mafic intrusive rock. Texture ranges from fine to medium grained. Local well defined with porphyritic texture within. 4% carbonate veinlets. Lower contact is fine grained but sharp and marked by a sudden magnetism within the ultramaf									
61.65	**95.00**	**E0 Ultramafic (undifferenciated) GS1** Very dark green magnetic unit. 5% carbonate veinlets with varying angles. Pervassive Chlorite alteration makes unit soft..	78.00	79.50	1.50	337860	0.0025				
		<<Alt: 61.65 - 65.5: strong Chlorite>> Pervassive strong chlorite alteration	79.50	81.00	1.50	337861	0.0025				
		<<Alt: 92.5 - 93: moderate Silicification>> Increased silificicatrion proximal to UM-BASALTcontact and fault	91.00	92.00	1.00	337862	0.0025				
		<<Alt: 93 - 94: moderate Epidote / moderate Silicification>> Pervassive mixed cl and epidote alt .Increased silificicatrion proximal to UM-BASALTcontact and fault	92.00	93.00	1.00	337863	0.0025				
		<<Alt: 94 - 95: moderate Epidote>> Pervassive mixed cl and epidote alt .	93.00	94.00	1.00	337864	0.006				
		<<Vein: 92.9 - 93.6: Carbonate vein contain 0-10% quartz>> Qz alteration/stw interval with very minimal pyrite mineralization.	94.00	94.80	0.80	337865	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 94.9 - 95.5: moderate Fault>> Local strong cl altered fault gauge zone. No representative angle to the structure.				94.80	96.00	1.20	337866	0.009				
95.00	**115.50**	**E1A** **Basalt**	**GS1**	96.00	97.00	1.00	337867	0.009				
Homogeneous grey/green likely basalt unit but possibly intermediate volcanic unit due to Qz. ID of mafic minerals hard to to fine grained nature. Pervassive fracture fill light grey carbonate veinlets throughout. Upper contact is marked by fault zone. St												
<<Vein: 115.43 - 115.5: Quartz-Carbonate vein contain 10-90% quartz>> Light grey unmineralized QZCb vein on upper contact of felsic intrusive				114.00	115.50	1.50	337868	0.0025				
115.50	**117.45**	**I3B** **Tonalite**	**GS1**	115.50	116.50	1.00	337869	0.0025				
Extremely silicified grey felsic intursive with 2% diss pyrite over the interval. No realted veining. Extremely faint anhedral plagiocalse phenocrysts. Wavy upper contact												
				116.50	117.50	1.00	337871	0.0025				
117.45	**132.46**	**E1A** **Basalt**	**GS1**									
Homogeneous grey/green likely basalt unit but possibly intermediate volcanic unit due to Qz. ID of mafic minerals hard to to fine grained nature. Pervassive fracture fill light grey carbonate veinlets throughout. Upper contact is marked by fault zone. St												
<<Vein: 118.4 - 118.45: Quartz vein contain >90% quartz>> Light grey qz vein with no associated alt or mineralization												
				117.50	118.80	1.30	337872	0.0025				
132.46	**158.10**	**E2** **Intermediate**	**GS1**	135.00	136.50	1.50	337873	0.0025				
Intermediate to felsic aphanitic to fine grained volcanic unit. Extremely light grey/green carbonate fracture fill veinlets throughout. Local visible banding within rock (likely primary bedding) at 55 degrees TCA. Possible and ash tuff. Extremely silicifi												
<<Alt: 143.1 - 143.5: intense Epidote>> Interval woth increased mixed eppidote and carbonate				136.50	138.00	1.50	337874	0.0025				
<<Alt: 155.9 - 157: strong Epidote>> Local interval of increased epdiote alt. Un altered clasts within alterated matrix.												
158.10	**158.60**	**I3B** **Tonalite**	**GS1**									
Extremely silicified grey felsic intursive with 2% diss pyrite over the interval. No related veining. Extremely faint anhedral plagiocalse phenocrysts. Sharp contacts												
158.60	**164.80**	**E2** **Intermediate**	**GS1**									
Intermediate to felsic aphanitic to fine grained volcanic unit. Extremely light grey/green carbonate fracture fill veinlets throughout. Local visible banding within rock (likely primary bedding) at 55 degrees TCA. Possible and ash tuff. Extremely silicifi												

Hole: PAC-20-029

From (m)	To (m)		Rock Type & Description	
164.80	**198.00**	**E1**	**mafic volcanics**	**GS2**

Heterogeneous green mafic volcanic unit. Fine to medium grained texture of the interval. Local intervals with local 60 degree TCA bedding/foliation. Sub angular clasts/xenoliths within. Local magnetic intervals typicaly in coarser grained intervals. Amphi

<<Min: 174 - 178.9: 2% Magnetite>>

<<Min: 181 - 208: 2% Magnetite>>

<<Alt: 178.9 - 181: strong Chlorite>> Local interval of pervassive moderate well defined chlorite alteration.

<<Vein: 189.45 - 189.55: with sulphides>> Milky to light grey qz vein with trace tourmaline within and minor cl alt.

<<Struc: 174 - 204: moderate Foliation 55 deg. >> Moderate to weak foliation within fmafic vocanic unit. Foliation is hihglighted by elongation of grains parallel to foliation,

From (m)	To (m)		Rock Type & Description	
198.00	**199.60**	**I3B**	**Tonalite**	**GS2**

Light grey homogeneous crystaline groundmass. Dominated by Qz and plag with minor biotite.

From (m)	To (m)		Rock Type & Description	
199.60	**214.50**	**E1**	**mafic volcanics**	**GS2**

Heterogeneous green mafic volcanic unit. Fine to medium grained texture of the interval. Local intervals with local 60 degree TCA bedding/foliation. Sub angular clasts/xenoliths within. Local magnetic intervals typicaly in coarser grained intervals. Amphi

<<Alt: 199.65 - 201.5: moderate Garnet>> Local brass/brown coloured vitreous patches od alteration.

From (m)	To (m)		Rock Type & Description	
214.50	**229.90**	**I2**	**Intermediate intrusive**	**GS1**

Grey to tan coloured very silicified intrusive. Local flooding light grey qz vein with related minor py min. Light tan coloured alteration patches. Due extreme silicification the protolith is very difficult to ID.

<<Alt: 214.5 - 228.9: strong Silicification>> Pervassive silicification of the intermediate intrusive. Mix of flooding and pervassive alteration.

<<Vein: 215.35 - 215.6: with sulphides>> Light grey wavy qz vein with 2% py min on margins

<<Vein: 220.26 - 220.65: with sulphides>> Wavy 2cm flat lying vein with local patches of py min. grains up to 1cm.

From (m)	To (m)		Rock Type & Description	
229.90	**235.00**	**E2**	**Intermediate**	**GS1**

Grey lithology with pervasive silicification. Biotite mineralization over the interval. Very minor sub 10cm mafic lenses starting at 249m. Local grey qz veins withi with associated epidote/carbonate alteration. Unit is massive relative to the more foliate

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
188.00	189.00	1.00	337875	0.0025				
189.00	190.00	1.00	337876	0.0025				
190.00	191.00	1.00	337877	0.0025				
198.50	199.50	1.00	337878	0.0025				
199.50	201.00	1.50	337879	0.0025				
201.00	202.50	1.50	337880	0.0025				
202.50	204.00	1.50	337881	0.0025				
213.50	214.50	1.00	337882	0.0025				
214.50	216.00	1.50	337883	0.0025				
216.00	217.50	1.50	337884	0.0025				
217.50	219.00	1.50	337885	0.0025				
219.00	220.00	1.00	337886	0.006				
220.00	221.00	1.00	337887	0.0025				
221.00	222.00	1.00	337888	0.0025				
222.00	223.50	1.50	337889	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 232.7 - 232.9: with sulphides>> Light grey qz vein with py min on margins and minor tourmaline within													
					231.00	232.00	1.00	337891	0.0025				
					232.00	233.00	1.00	337892	0.0025				
					233.00	234.00	1.00	337893	0.0025				
235.00	**235.80**	**E1**	**mafic volcanics**	**GS1**									
Lense of weakly foliated green mafic unit with minor chlorite altered elongated grains within.													
235.80	**249.15**	**E2**	**Intermediate**	**GS1**									
Grey lithology with pervasive silicification. Biotite mineralization over the interval. Very minor sub 10cm mafic lenses starting at 249m. Local grey qz veins withi with associated epidote/carbonate alteration. Unit is massive relative to the more foliate													
<<Vein: 240 - 240.15: Quartz vein contain >90% quartz>> Grey qz vein with related epidote.carbonate and py min. Very wavy													
<<Vein: 240.3 - 240.45: Quartz vein contain >90% quartz>> Grey qz vein with related epidote.carbonate and py min. Very wavy													
249.15	**324.90**	**E1**	**mafic volcanics**	**GS1**									
Dark green pervassively chlorite altered mafic unit (likely basalt. Dominant 50 degree TCA foliation. Trace flooding qz vein over the interval. Chlorite altered elongated grains parallel to foliation. Very fine magnetite mineralzied within gives most of t													
<<Vein: 254.6 - 254.7: with sulphides>> Cream coloured very wavy/flooding qz vein with minor related py min on margins													
<<Vein: 270.2 - 270.25: Quartz vein contain >90% quartz>> Milky to light grey qz vein with no related sulphide min. parallel upper and lower contacts													
<<Vein: 272.6 - 272.65: Quartz vein contain >90% quartz>> Milky qz vein with related py min and cl alteration.													
<<Struc: 249.15 - 300: moderate Foliation 50 deg. >> Pervassive foliation very apparent within the mafic unit. Grains are elongated parallel to fol and many break follow foliation plane. Foliation gradualy fades out around 300m													
					268.50	270.00	1.50	337894	0.008				
					270.00	271.50	1.50	337895	0.0025				
					271.50	273.00	1.50	337896	0.0025				
324.90	**325.50**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey homogeneous crystaline groundmass. Sub to an hedral white plagioclase phenocrysts throughout													
325.50	**327.00**	**I1**	**Mafic intrusive**	**GS1**									
Fine grained homogeneous very dark green to black mafic unit. Sharp upper and lower contactss													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
327.00	**363.00**	**E1 mafic volcanics GS1** Dark green pervassively chlorite altered mafic unit (likely basalt. Dominant 50 degree TCA foliation. Trace flooding qz vein over the interval. Chlorite altered elongated grains parallel to foliation. Very fine magnetite mineralzied within gives most of t <<Vein: 338.5 - 338.8: Quartz vein contain >90% quartz>> Light grey tension vein with no related sulphide min or alteration <<Struc: 348 - 369: weak Foliation 60 deg. >> Pervassive foliation within the mafic unit. Local banded intervals. Alteration is elongated parallel to foliation. Possibly primary bedding planes from mafic volcanic unit.									
363.00	**365.70**	**E2 Intermediate GS1** Light grey very homogeneous unit. Minor fracture fill veinlets bleach localy bleach the wall rock. Very faint green stain. Sharp upper and lower contact. Texturaly very similar to surrounding mafic unit. Trace to 1% py min									
365.70	**367.00**	**E1 mafic volcanics GS1** Dark green pervassively chlorite altered mafic unit (likely basalt. Dominant 50 degree TCA foliation. Trace flooding qz vein over the interval. Chlorite altered elongated grains parallel to foliation. Very fine magnetite mineralzied within gives most of t									
367.00	**367.50**	**I2 Intermediate intrusive GS1** Light grey intrusive with very fine subhedral plagioclase phenocrysts.Sharp contacts <<Vein: 367.45 - 367.5: with sulphides>> 5mm light grey qz vein with very strong py min									
367.50	**369.00**	**E1 mafic volcanics GS1** Dark green pervassively chlorite altered mafic unit (likely basalt. Dominant 50 degree TCA foliation. Trace flooding qz vein over the interval. Chlorite altered elongated grains parallel to foliation. Very fine magnetite mineralzied within gives most of t									
369.00	**398.40**	**I1 Mafic intrusive GS1** Green to grey mafic unit with green porphyritic subhedral 5mm amphibole grains. Very fine fracture fill veinlets made up of mixed carbonate and epidote brecciates wall rock .									
398.40	**419.70**	**E1 mafic volcanics GS1** Highly altered and deformed unit that transitions from upper contact. Irrratic qz and qzcb veinlets with varying TCA. Pervassive silicification, epidote, hematite alteration. Unit is so altered that the protolith is hard to identify. Very patchy alteratio <<Alt: 399 - 403: strong Epidote>> Broken up interval with angular patches/fragments of epidote alteration and veinlets within. <<Alt: 403 - 408: strong Epidote / strong Hematitic>> Broken up interval with angular patches/fragments of epidote alteration and veinlets within.Red/brown patchy hematite alteration gradually fading out and out on both contacts. <<Alt: 408 - 416.71: strong Epidote>> Broken up interval with angular patches/fragments of epidote alteration and veinlets within.									

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Vein: 403 - 414.3: Quartz vein contain >90% quartz>> Light grey to milky qz veins with varying TCA. Veinlets brecciate wall rock. Patches of epidote and hematite alteration. Wall rock is silicified due to veining. Veinlets contain very minor related sulphides.									
		<<Struc: 407 - 417: weak Breccia>> Interval that is brecciated by qz veining. Wall rock is broken up into angular fragments.									
		<<Struc: 417 - 417.2: Fault>> Very faint healed potential fault. Rock is competent with good RQD.									
			399.00	400.50	1.50	337897	0.006				
			400.50	402.00	1.50	337898	0.0025				
			402.00	403.50	1.50	337899	0.006				
			403.50	405.00	1.50	337900	0.0025				
			405.00	406.50	1.50	337901	0.005				
			406.50	408.00	1.50	337902	0.0025				
			408.00	409.50	1.50	337903	0.0025				
			409.50	411.00	1.50	337904	0.0025				
			411.00	412.50	1.50	337905	0.0025				
			412.50	414.00	1.50	337906	0.0025				
			414.00	415.50	1.50	337907	0.0025				
			415.50	417.00	1.50	337908	0.0025				
			417.00	418.00	1.00	337909	0.0025				
			418.00	419.00	1.00	337911	0.0025				
			419.00	419.70	0.70	337912	0.008				
			419.70	420.45	0.75	337913	0.0025				
419.70	**420.40**	**I3A Granite** **GS1**									
		light pink to brown coloured fine grained intrusive with extremely faint plagioclase subhedral phenocrysts. Milky qz veins and minor epidote veinlets within.									
		<<Vein: 419.95 - 420.25: Quartz vein contain >90% quartz>> Milky qz veins making up minor stw. Py mineralization patches within veins. Veins have very inconsistent thickness and angles									
420.40	**421.50**	**E1 mafic volcanics** **GS1**									
		Highly altered and deformed unit that transitions from upper contact. Irrratic qz and qzcb veinlets with varying TCA. Pervassive silicification, epidote, hematite alteration. Unit is so altered that the protolith is hard to identify. Very patchy alteratio									
			420.45	421.50	1.05	337914	0.012				

Hole: PAC-20-029

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 421.5

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-030

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-21	**Core Size:**	NQ
UTM East:	438489.5286	**Azimuth:**	193	**Date Completed:**	2020-04-25	**Casing Pulled?:**	☐
UTM North:	5643465.78	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	429.86	**Length (m):**	402	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	Reflex			-50.1	193.5			58030	☑	
9	Reflex			-53.9	193			58068	☑	
27	Reflex			-50.1	193			57867	☑	
45	Reflex			-49.6	192.6			56340	☑	
72	Reflex			-49.1	193.7			57583	☑	
75	Reflex			-49.1	193.3			57025	☑	
78	Reflex			-49.1	193.9			57003	☑	
81	Reflex			-49	194.2			57029	☑	
84	Reflex			-49	194.3			57075	☑	
90	Reflex			-49	194.2			57071	☑	
93	Reflex			-48.9	194.6			56978	☑	
96	Reflex			-48.9	194.6			56936	☑	
99	Reflex			-48.7	194.7			56945	☑	

Hole: PAC-20-030

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
102	Reflex			-48.7	194.5			56921	☑	
105	Reflex			-48.6	194.6			56927	☑	
108	Reflex			-48.6	194.8			56960	☑	
111	Reflex			-48.5	194.4			56981	☑	
114	Reflex			-48.5	194.5			56962	☑	
117	Reflex			-48.4	194.4			56969	☑	
120	Reflex			-48.5	194.7			56958	☑	
123	Reflex			-48.3	194.6			56952	☑	
126	Reflex			-48.2	194.7			56938	☑	
132	Reflex			-48.2	195.1			57044	☑	
135	Reflex			-48.1	194.8			56970	☑	
138	Reflex			-48	194.9			56977	☑	
141	Reflex			-47.8	194.6			56970	☑	
144	Reflex			-47.8	194.6			57268	☑	
147	Reflex			-47.6	195			57162	☑	
150	Reflex			-47.1	195			57095	☑	
153	Reflex			-47.5	194.9			56993	☑	
156	Reflex			-47.5	195			57014	☑	
159	Reflex			-47.4	194.8			56988	☑	
162	Reflex			-47.3	195.1			57012	☑	
165	Reflex			-47.4	194.7			56990	☑	
168	Reflex			-47.4	194.8			57002	☑	
171	Reflex			-47.3	195			57007	☑	
174	Reflex			-47.4	195.1			57035	☑	

Hole: PAC-20-030

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
177	Reflex			-47.4	194.8			56979	☑	
180	Reflex			-47.4	194.6			57065	☑	
183	Reflex			-47.4	194.6			57035	☑	
186	Reflex			-47.3	195.3			57012	☑	
189	Reflex			-47.4	195			57083	☑	
192	Reflex			-47.2	195.2			57183	☑	
195	Reflex			-47.3	195.4			56986	☑	
201	Reflex			-47	195.2			57031	☑	
204	Reflex			-47.2	194.7			57032	☑	
207	Reflex			-47.2	195.4			57005	☑	
210	Reflex			-47.1	194.7			57041	☑	
213	Reflex			-47	194.8			57021	☑	
216	Reflex			-47	194.4			57175	☑	
219	Reflex			-47	194.9			57053	☑	
222	Reflex			-46.9	194.1			57068	☑	
225	Reflex			-46.9	194.7			57072	☑	
228	Reflex			-46.9	194.6			57052	☑	
231	Reflex			-46.9	194.4			57044	☑	
234	Reflex			-46.8	194.5			56960	☑	
237	Reflex			-46.7	194.7			57032	☑	
240	Reflex			-46.6	194.4			57028	☑	
246	Reflex			-46.3	194.2			57010	☑	
249	Reflex			-46.2	193.8			57008	☑	
252	Reflex			-46	193.8			57033	☑	

Hole: PAC-20-030

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
258	Reflex			-46	193.5			56986	☑	
261	Reflex			-45.9	194			57092	☑	
267	Reflex			-45.9	193.8			57211	☑	
270	Reflex			-45.8	193.4			57101	☑	
273	Reflex			-45.7	194			57040	☑	
276	Reflex			-45.6	193.9			57048	☑	
279	Reflex			-45.6	193.8			57030	☑	
282	Reflex			-45.5	194.1			56994	☑	
285	Reflex			-45.5	194.2			56926	☑	
288	Reflex			-45.5	194			57007	☑	
291	Reflex			-45.4	194			56997	☑	
294	Reflex			-45.3	193.9			57001	☑	
297	Reflex			-45.3	193.9			57006	☑	
300	Reflex			-45.2	193.9			57007	☑	
303	Reflex			-45.2	193.9			57010	☑	
306	Reflex			-45.2	193.9			56999	☑	
309	Reflex			-45	194.1			56997	☑	
312	Reflex			-45	194.3			56999	☑	
315	Reflex			-45	194.1			57003	☑	
318	Reflex			-44.9	194.3			56965	☑	
321	Reflex			-44.9	194.2			56975	☑	
324	Reflex			-44.8	194.1			56971	☑	
327	Reflex			-44.8	194.3			56970	☑	
330	Reflex			-44.8	194.3			56956	☑	

Hole: PAC-20-030

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
333	Reflex			-44.8	194.3			56955	☑	
336	Reflex			-44.8	194.3			56987	☑	
339	Reflex			-44.7	194.8			57048	☑	
348	Reflex			-44.7	194.1			56959	☑	
351	Reflex			-44.7	194.3			57250	☑	
354	Reflex			-44.7	194.3			57468	☑	
360	Reflex			-44.6	194.1			56918	☑	
363	Reflex			-44.6	194.2			57046	☑	
366	Reflex			-44.6	194.6			56929	☑	
369	Reflex			-44.6	194.8			56926	☑	
372	Reflex			-44.6	194.7			56925	☑	
375	Reflex			-44.6	194.8			56937	☑	
378	Reflex			-44.6	194.5			56882	☑	
384	Reflex			-44.5	195			57082	☑	
387	Reflex			-44.4	195.1			56981	☑	
390	Reflex			-44.4	194.4			57198	☑	
393	Reflex			-44.4	194.8			57024	☑	
396	Reflex			-44.3	194.4			56928	☑	
399	Reflex			-44.3	194.4			57168	☑	
402	Reflex			-44.2	194.4			57017	☑	

Hole: PAC-20-030

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB Overburden**									
3.00	**10.60**	**E1 mafic volcanics GS1**									
Dark green mafic untit. Mix of massive intervals and local mixed carbonate and epdiote alteration.											
<<Vein: 7 - 7.1: Quartz vein contain >90% quartz>> Light grey qz vein with carbonate min on vein margins.											
10.60	**16.50**	**I1 Mafic intrusive**									
Green to grey mafic unit with angular needle like subhedral plagioclase phenocrysts. Matrix is fine grained and green. Patches of green epidote alteration over the interval. Weak pervassive carbonate alteration											
16.50	**17.30**	**I1 Mafic intrusive GS1**									
Light grey to green massive homogeneous intrusive lense. Mafic to intermediate in composition. Disseminated grained of elongated magnetite grains within.											
17.30	**32.20**	**I1 Mafic intrusive**									
Green to grey mafic unit with angular needle like subhedral plagioclase phenocrysts. Matrix is fine grained and green. Patches of green epidote alteration over the interval. Weak pervassive carbonate alteration											
<<Vein: 18 - 18.05: Quartz vein contain >90% quartz>> Grey qz vein with pyrite mineralization on vein margins.											
32.20	**33.35**	**I1 Mafic intrusive GS1**									
Light grey to green massive homogeneous intrusive lense. Mafic to intermediate in composition. Disseminated grained of elongated magnetite grains within.											
33.35	**49.25**	**I1 Mafic intrusive**									
Green to grey mafic unit with angular needle like subhedral plagioclase phenocrysts. Matrix is fine grained and green. Patches of green epidote alteration over the interval. Weak pervassive carbonate alteration											
<<Vein: 48.35 - 48.4: Quartz-Carbonate vein contain 10-90% quartz>> Wavy QzCb vein											
49.25	**50.90**	**I1 Mafic intrusive GS1**	50.00	51.00	1.00	337915	0.0025				
Grey to green very homogeneous mafic unit. Pervassive cl cb alteration. Sharp upper and lower contacts											
50.90	**51.00**	**I1 Mafic intrusive**									
Green to grey mafic unit with angular needle like subhedral plagioclase phenocrysts. Matrix is fine grained and green. Patches of green epidote alteration over the interval. Weak pervassive carbonate alteration											
51.00	**64.20**	**E1 mafic volcanics GS1**	51.00	52.50	1.50	337916	0.018				
Fine grained dark green to mafic unit with banding at approx 45 degrees TCA. Fine stringers of magnetite mineralization. Interval has aflow textures and more mafic fragments. Minor calcite veinlets within paralel to beeding/foliation.											
<<Vein: 52 - 52.1: Quartz vein contain >90% quartz>> Light grey qz vein parallel to local bedding			52.50	54.00	1.50	337917	0.0025				
<<Vein: 54.1 - 54.8: Carbonate vein contain 0-10% quartz>> Minor qz veining/qz alteration interval parallel to the foliation.			54.00	55.50	1.50	337918	0.0025				

Hole: PAC-20-030

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 51 - 106: weak Foliation 60 deg. >> Weak foliaiton/beddding that is most defined within the mafic flow units and less apparent within the mafic intrusive.	55.50	57.00	1.50	337919	0.0025				
64.20	**65.05**	**I2 Intermediate intrusive GS2**									
		Homogeneous porphyrititc intrusive unit. Subhedral plagiocalse phenocryst. Trace diss py min. Pervassive silicification. Mafic xenolith within intrusive.									
65.05	**78.60**	**E1 mafic volcanics GS1**	68.00	69.00	1.00	337920	0.0025				
		Fine grained dark green to mafic unit with banding at approx 45 degrees TCA. Fine stringers of magnetite mineralization. Interval has aflow textures and more mafic fragments. Minor calcite veinlets within paralel to beeding/foliation.	69.00	70.00	1.00	337921	0.007				
			70.00	71.00	1.00	337922	0.0025				
			71.00	72.00	1.00	337923	0.0025				
			72.00	73.00	1.00	337924	0.005				
78.60	**87.30**	**I1 Mafic intrusive**									
		Quick transtion into a grey/green mafic unit with the return of the angular plagioclase phenocrysts.									
87.30	**108.00**	**E1 mafic volcanics**									
		Dark green banded/foliated mafic flow unit. Minor fine stringers of pyrite and pyrrhotite									
		<<Alt: 99 - 102: moderate Silicification>> bleached wall rock due to pervassive sillicification alteration.									
		<<Vein: 102.5 - 102.6: Quartz vein contain >90% quartz>> grey subvertical qz vein									
108.00	**153.90**	**E1 mafic volcanics GS1**	143.00	144.00	1.00	337925	0.0025				
		Dark green mafic unit with local fine to medium grained crystaline interval. Local zone with amphibole grains up to 5mm throughout. Pervassive chlorite alteration with patches of biotite alteration. Lower contact is a sharp contact with a gabbroic intrusi									
		<<Alt: 110.1 - 110.5: intense Silicification>> Strongly bleached tan coloured interval, well defined.	144.00	145.00	1.00	337926	0.0025				
		<<Alt: 128.8 - 130: strong Hematitic>> Well defined red/brown hematite alteration. No strong observed control	145.00	146.00	1.00	337927	0.0025				
		<<Alt: 131.67 - 132.5: strong Hematitic>> Well defined red/brown hematite alteration. No strong observed control	151.00	152.00	1.00	337928	0.0025				
		<<Alt: 133.8 - 134.8: strong Hematitic>> Well defined red/brown hematite alteration. No strong observed control	152.00	153.00	1.00	337929	0.0025				
		<<Alt: 152 - 153: strong Hematitic>> Well defined red/brown hematite alteration. No strong observed control	153.00	154.00	1.00	337931	0.0025				
		<<Alt: 153 - 153.2: complete Epidote / strong Hematitic>> Very strong epidote alteration marking upper contact of gabbroWell defined red/brown hematite alteration. No strong observed control									
		<<Alt: 153.2 - 153.8: complete Epidote>> Very strong epidote alteration marking upper contact of gabbro									
		<<Vein: 111.65 - 111.7: Quartz vein contain >90% quartz>> milky qz vein									
		<<Vein: 148.4 - 148.5: with sulphides>> Milky discontinuous qz vein with minor related py min									

Hole: PAC-20-030

From (m)	To (m)	Rock Type & Description
		<<Vein: 149.1 - 149.2: with sulphides>> red/tan qz vein with pyrite mineralization within vein. Vein is potassicly stained.
		<<Struc: 144.4 - 144.8: weak Fault>> Minor fault zone with chlorite altered fault gauge
		<<Struc: 152.95 - 153: weak Fault 60 deg. >> minor 5cm fault gauge zone
153.90	**186.95**	**I1A Gabbro GS3**
		Dark green mafic unit. Crystaline medium to coarse grained mafic intrusive. Homogeneous texture mixed euhedral grains of amphibole, pyroxene and plagioclase phenocrysts. Amphibole grains are cl altered. Pervassive weal cb alteration. Local passes of finer
186.95	**205.25**	**E1 mafic volcanics GS1**
		Green banded mafic unit with heterogeneous textures. Local green amphibole grains. Local tanned alteration patches. 60 degree fabric throughout the unit most prominent near lower contact. Minor felsic lenses within typicaly not marked by veining or altera
205.25	**206.40**	**I2 Intermediate intrusive GS2**
		Light grey to tan coloured porphyritic intrusive with faint subhedral plagiolcase phenocrysts. Interval is weakly silicified. Sharp upper and lower contacts with no related veining or alteration.
206.40	**235.85**	**E1 mafic volcanics GS1**
		Green banded mafic unit with heterogeneous textures. Local green amphibole grains. Local tanned alteration patches. 60 degree fabric throughout the unit most prominent near lower contact. Minor felsic lenses within typicaly not marked by veining or altera
		<<Alt: 223.7 - 224.3: intense Epidote>> Local interval strong banded epidote alteration.
		<<Vein: 222.2 - 222.28: Quartz vein contain >90% quartz>> Light grey to milky qz vein with related dark chlorite alteration and trace py min

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
154.00	155.00	1.00	337932	0.065				
203.50	205.00	1.50	337933	0.0025				
205.00	206.50	1.50	337934	0.0025				
206.50	208.00	1.50	337935	0.0025				
221.00	222.00	1.00	337936	0.0025				
222.00	223.00	1.00	337937	0.007				
223.00	224.00	1.00	337938	0.005				
234.00	235.50	1.50	337939	0.0025				
235.50	236.60	1.10	337940	0.006				

Hole: PAC-20-030

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
235.85	**236.60**	**I3A** **Granite**	**GS1**									
Aphanitic tan coloured felsic intrusive. Interval is highly silicified. Sharp contacts. No wall rock alteration of the MFL. 1% diss py min.				236.60	238.00	1.40	337941	0.0025				
236.60	**264.00**	**E1** **mafic volcanics**	**GS1**									
Green banded mafic unit with heterogeneous textures. Local green amphibole grains. Local tanned alteration patches. 60 degree fabric throughout the unit most prominent near lower contact. Minor felsic lenses within typicaly not marked by veining or altera												
<<Alt: 259.5 - 262.7: intense Epidote>> Interval of increased patchy epidote alteration and veinlets.												
264.00	**266.95**	**I2** **Intermediate intrusive**	**GS1**									
Brown/tan coloured fine grained crystaline textured homogeneous intrusive. Very fine epidote veinlets within.												
266.95	**327.10**	**E1** **mafic volcanics**	**GS1**	312.00	313.50	1.50	337942	0.005				
Green banded mafic unit with heterogeneous textures. Local green amphibole grains. Local tanned alteration patches. 60 degree fabric throughout the unit most prominent near lower contact. Minor felsic lenses within typicaly not marked by veining or altera												
<<Alt: 313 - 319.6: moderate Silicification>> Weak pervassive sillicification. Interval is slightly bleached. And tan coloured.				313.50	315.00	1.50	337943	0.0025				
<<Vein: 292.7 - 293: Quartz vein contain >90% quartz>> light pink potassicly stained vein with no related sulphide min and related wall rock alt.				315.00	316.50	1.50	337944	0.0025				
<<Struc: 310 - 327.2: moderate Foliation 60 deg. >> moderate foliation within mafic flow unit. Transitional upper contact. Lower contact is marked by intrusive lense. Alteration is banded parallel to foliation.				316.50	318.00	1.50	337945	0.0025				
				318.00	319.50	1.50	337946	0.0025				
				319.50	321.00	1.50	337947	0.0025				
327.10	**338.80**	**I2** **Intermediate intrusive**										
Tan/brown homogeneous. Intrusive with subhedral cream coloured plagioclase phenocrysts. Weal pervassive epidote alteration. Sharp upper and lower contacts.												
338.80	**350.25**	**E1** **mafic volcanics**	**GS1**									
Green banded mafic unit with heterogeneous textures. Local green amphibole grains. Local tanned alteration patches. 60 degree fabric throughout the unit most prominent near lower contact. Minor felsic lenses within typicaly not marked by veining or altera												
<<Struc: 338.8 - 342.35: weak Foliation 60 deg. >> Weal foliation following lower contact of an intermediate intrusive.												
350.25	**355.70**	**I1A** **Gabbro**	**GS3**									
Coarse grained mafic intrusive with euhedral grains of pyroxene, plagioclase and amphibole. Intrusive is weakly moderatly magnetic throughout. Plagioclase phenocrysts are light red/tan stained.												

Hole: PAC-20-030

From (m)	To (m)		Rock Type & Description	
355.70	**360.90**	**E1**	**mafic volcanics**	**GS1**

Grey to green fine grained lense of the mafic unit decribed before 350.4m. Trace epidote veinlets within. Minor veinlets within that bleach local wall rock.

From (m)	To (m)		Rock Type & Description	
360.90	**361.90**	**I1A**	**Gabbro**	**GS3**

Coarse grained mafic intrusive with euhedral grains of pyroxene, plagioclase and amphibole. Intrusive is weakly moderatly magnetic throughout. Plagioclase phenocrysts are light red/tan stained.

From (m)	To (m)		Rock Type & Description	
361.90	**362.85**	**E1**	**mafic volcanics**	**GS1**

Grey to green fine grained lense of the mafic unit decribed before 350.4m. Trace epidote veinlets within. Minor veinlets within that bleach local wall rock.

From (m)	To (m)		Rock Type & Description	
362.85	**402.00**	**I1A**	**Gabbro**	**GS3**

Coarse grained mafic intrusive with euhedral grains of pyroxene, plagioclase and amphibole. Intrusive is weakly moderatly magnetic throughout. Plagioclase phenocrysts are light red/tan stained.

<<Alt: 364.35 - 364.6: complete Epidote>> band of extremely strong epidote alteration.

End of Hole @ 402

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
357.00	358.50	1.50	337948	0.104				
358.50	360.00	1.50	337950	0.0025				
360.00	360.80	0.80	337951	0.0025				
360.80	362.00	1.20	337952	0.0025				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-031

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-25	**Core Size:**	NQ
UTM East:	436835.1663	**Azimuth:**	176	**Date Completed:**	2020-04-26	**Casing Pulled?:**	☐
UTM North:	5643346.618	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	425.31	**Length (m):**	201	**Drill Rig:**		**Casing Depth (m):**	2
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	Reflex			-49.4	176			58100	☑	
48	Reflex			-48.8	175.9			57433	☑	
51	Reflex			-48.8	176.8			58006	☑	
54	Reflex			-48.9	177.6			57418	☑	
57	Reflex			-48.8	177.5			57263	☑	
60	Reflex			-48.5	177.9			57277	☑	
63	Reflex			-48.6	178			57253	☑	
66	Reflex			-48.5	178.1			57304	☑	
72	Reflex			-48.2	179.2			57249	☑	
75	Reflex			-47.9	179.4			57175	☑	
78	Reflex			-47.8	179.6			57206	☑	
81	Reflex			-47.8	179.7			57367	☑	
84	Reflex			-47.8	179.5			57417	☑	

Hole: PAC-20-031

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
87	Reflex			-47.3	179.7			57208	☑	
90	Reflex			-47.4	180			57269	☑	
93	Reflex			-47.3	180.3			57339	☑	
96	Reflex			-47.4	180.2			57511	☑	
99	Reflex			-47.3	179.5			57183	☑	
102	Reflex			-47.4	178.6			57093	☑	
105	Reflex			-47.4	180.2			57103	☑	
108	Reflex			-47.2	178.8			57192	☑	
114	Reflex			-47	178.6			57198	☑	
126	Reflex			-47.1	178.6			57199	☑	
132	Reflex			-46.8	178.4			57199	☑	
135	Reflex			-46.7	178.4			57206	☑	
138	Reflex			-46.7	179.1			57211	☑	
141	Reflex			-46.4	178.6			57205	☑	
144	Reflex			-46.5	179			57230	☑	
147	Reflex			-46.5	179.2			57214	☑	
150	Reflex			-46.4	179.1			57211	☑	
153	Reflex			-46.4	179.3			57215	☑	
156	Reflex			-46	180.3			57218	☑	
159	Reflex			-45.9	180.1			57220	☑	
162	Reflex			-46.1	179.3			57210	☑	
165	Reflex			-46	179.5			57203	☑	
168	Reflex			-45.9	179.8			57207	☑	
171	Reflex			-45.8	179.7			57212	☑	

Hole: PAC-20-031

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
174	Reflex			-45.8	179.9			57177	☑	
177	Reflex			-45.8	180.2			57203	☑	
180	Reflex			-45.7	179.7			57198	☑	
183	Reflex			-45.7	180.6			57186	☑	
186	Reflex			-45.7	180.4			57190	☑	
189	Reflex			-45.7	180.6			57181	☑	
192	Reflex			-45.6	180.7			57176	☑	
195	Reflex			-45.6	180.8			57182	☑	
198	Reflex			-45.6	180.7			57187	☑	
201	Reflex			-45.6	181			57159	☑	

Hole: PAC-20-031

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**1.80**	**OB**	**Overburden**										
1.80	**43.80**	**I2**	**Intermediate intrusive**	**GS2**									
Grey unit dominated by crystaline texture. Pervassive disseminated magnetite throughout with local semimassive magnetite min. Patches/clasts of green mafic units throughout entire interval. Clasts frequently have poorly defined grain margins. Unit has a f													
<<Min: 26 - 27.4: 10% Magnetite>> Increased semimassive and dissmeidated mag min relative to background													
<<Vein: 4.25 - 4.3: with sulphides>> Light grey qz vein with minor py min on margins													
					3.00	4.00	1.00	337953	0.0025				
					4.00	5.00	1.00	337954	0.0025				
					5.00	6.00	1.00	337955	0.0025				
43.80	**50.50**	**E1A**	**Basalt**	**GS1**									
Very dark green fine grained homogeneous basalt. Sub 1% diss py min. Trace carbonate veinlets													
					49.00	50.50	1.50	337956	0.012				
50.50	**52.95**	**I2**	**Intermediate intrusive**		50.50	52.00	1.50	337957	0.0025				
Grey fine grained ground mass with subhedral 5mm off white plagioclase phenocrysts. Sharp upper and lower contact. Homogeneous throughout. Lenses of basalt within.													
					52.00	53.00	1.00	337958	0.0025				
52.95	**56.20**	**E1A**	**Basalt**	**GS1**	53.00	54.00	1.00	337959	0.009				
Lense of chlorite altered foliated basalt. minor carbonate alteration.													
56.20	**58.30**	**I2**	**Intermediate intrusive**										
Grey fine grained ground mass with subhedral 5mm off white plagioclase phenocrysts. Sharp upper and lower contact. Homogeneous throughout. Lenses of basalt within.													
58.30	**68.78**	**E1A**	**Basalt**	**GS1**									
Dark green basalt with sub 1% carbonate veinlets. Local green amphibole grains mineralized over the interval. Light to medium grey intermediate magnetic intrusives within the interval. Patchy 55 degree foliation throughout the interval.													
68.78	**70.30**	**I2**	**Intermediate intrusive**	**GS1**									
Light grey crystaline textured intrusive with green elongated grains of amphibole. Moderately magnetic.													
<<Vein: 69 - 69.1: Quartz vein contain >90% quartz>> Light grey qz vein with no related sulphide min													
70.30	**75.40**	**E1A**	**Basalt**	**GS1**									
Dark green basalt with sub 1% carbonate veinlets. Local green amphibole grains mineralized over the interval. Light to medium grey intermediate magnetic intrusives within the interval. Patchy 55 degree foliation throughout the interval.													

Hole: PAC-20-031

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
75.40	**77.70**	**I2** **Intermediate intrusive**	**GS1**									
Light grey crystaline texture intrusive with green elongated grains of amphibole. Moderately magnetic.												
77.70	**84.00**	**E1A** **Basalt**	**GS1**									
Dark green basalt with sub 1% carbonate veinlets. Local green amphibole grains mineralized over the interval. Light to medium grey intermediate magnetic intrusives within the interval. Patchy 55 degree foliation throughout the interval.												
84.00	**88.30**	**I2** **Intermediate intrusive**	**GS1**									
Light grey homogeneous lense with a fine grained crystaline texture with pervassive moderate magnetism. Disseminated pyrite thoughout interval. Subhedral dark green amphibole grains within (10 modal%)												
88.30	**100.25**	**E1** **mafic volcanics**	**GS1**									
Dark green basalt unit with pervassive Cl alteration. Local sub 4mm green amphibole grains throughout.												
100.25	**103.70**	**I2** **Intermediate intrusive**										
Grey silicified intusive unit with subhedral plagioclase phenocrysts. Plagioclase grains are Tan/red stained.												
103.70	**122.65**	**E1** **mafic volcanics**	**GS1**									
Grey to green mafic fine grained unit. Local intervals with green amphibole phenocrysts. Trace epidote veinlets throughout. Local inconsistent 55 degree TCA fabric within the unit. Several intrusive lense within with sharp well defined contacts not marked												
<<Vein: 119.95 - 120.05: with sulphides>> milky qz vein with strong py min within vein												
122.65	**124.50**	**I2** **Intermediate intrusive**	**GS1**									
Grey intrusive lense with a pervassive weak epidote green stain. Anhedral tan coloured plagioclase phenocrysts.												
124.50	**133.25**	**E1** **mafic volcanics**	**GS1**									
Grey to green mafic fine grained unit. Local intervals with green amphibole phenocrysts. Trace epidote veinlets throughout. Local inconsistent 55 degree TCA fabric within the unit. Several intrusive lense within with sharp well defined contacts not marked												
<<Alt: 129.9 - 133.1: strong Epidote>> Large patches and veinlets of strong epidote alteration,												
133.25	**135.85**	**I2** **Intermediate intrusive**										
Grey intrusive lense with porphyritic 3mm subhedral plagioclase grains, Very weak pervassive green epidote stain. ~2-4% diss pyrite throughout the unit. Likely responsible for surrounding wall rock alt												
135.85	**171.55**	**E1** **mafic volcanics**	**GS1**	142.00	143.00	1.00	337960	0.005				
Grey to green mafic fine grained unit. Local intervals with green amphibole phenocrysts. Trace epidote veinlets throughout. Local inconsistent 55 degree TCA fabric within the unit. Several intrusive lense within with sharp well defined contacts not marked												
<<Alt: 137.7 - 141.3: strong Epidote>> Zone of increased epidote veinlets shortly after intermediate intrusive.				143.00	144.00	1.00	337961	0.0025				
<<Vein: 145.1 - 145.2: with sulphides>> Light grey qz vein with minor py min diss within.				144.00	145.00	1.00	337962	0.0025				

Hole: PAC-20-031

From (m)	To (m)	Rock Type & Description
		<<Vein: 149.9 - 150.3: Quartz vein contain >90% quartz>> Light grey qz stw interval with no consistent orientation. Cl alteration on margins.
171.55	**173.10**	**I3A Granite GS0**
		light brown/red aphanitic felsic intrusive . Highly silicified. Minor epidote veinlets within that brecciates local wall rock.
173.10	**188.20**	**E1 mafic volcanics GS1**
		Grey to green mafic fine grained unit. Local intervals with green amphibole phenocrysts. Trace epidote veinlets throughout. Local inconsistent 55 degree TCA fabric within the unit. Several intrusive lense within with sharp well defined contacts not marked
188.20	**188.60**	**I3A Granite**
		Light brown/pink stained porphyritic intrusive. Silicified and homogeneous.
188.60	**191.65**	**E1 mafic volcanics GS1**
		Grey to green mafic fine grained unit. Local intervals with green amphibole phenocrysts. Trace epidote veinlets throughout. Local inconsistent 55 degree TCA fabric within the unit. Several intrusive lense within with sharp well defined contacts not marked
191.65	**192.60**	**I3A Granite**
		Red/brown stained intrusive lense with off white subhedral plagioclase phenocrysts. Sharp upper and lower contact. Minor epidote veinlets within.
192.60	**201.00**	**E1 mafic volcanics GS1**
		Grey to green mafic fine grained unit. Local intervals with green amphibole phenocrysts. Trace epidote veinlets throughout. Local inconsistent 55 degree TCA fabric within the unit. Several intrusive lense within with sharp well defined contacts not marked

End of Hole @ 201

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
170.00	171.50	1.50	337963	0.0025				
171.50	173.00	1.50	337964	0.0025				
173.00	174.00	1.00	337965	0.0025				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-032

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-26	**Core Size:**	NQ
UTM East:	436835.1663	**Azimuth:**	357	**Date Completed:**	2020-04-28	**Casing Pulled?:**	☐
UTM North:	5643346.618	**Dip:**	-51	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	425.31	**Length (m):**	261	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
3	Reflex			-50.8	357.7			57775	☑	
6	Reflex			-51.1	357.8			58403	☑	
12	Reflex			-50.8	356.6			58033	☑	
15	Reflex			-50.4	356.8			57655	☑	
18	Reflex			-51	357.5			57485	☑	
21	Reflex			-51	356.6			57219	☑	
27	Reflex			-51	357.2			57242	☑	
33	Reflex			-51	357.5			57061	☑	
36	Reflex			-51	357.2			57070	☑	
39	Reflex			-50.7	358.3			57005	☑	
42	Reflex			-51.2	357.6			57082	☑	
48	Reflex			-51	358.3			57142	☑	
51	Reflex			-51	357.5			57023	☑	

Hole: PAC-20-032

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
57	Reflex			-51.1	358.5			57076	☑	
60	Reflex			-51	357.8			56861	☑	
63	Reflex			-51	358.5			56988	☑	
66	Reflex			-51.2	358.8			57018	☑	
69	Reflex			-50.8	358.2			57277	☑	
72	Reflex			-51	358.2			56850	☑	
78	Reflex			-50.9	358.8			56704	☑	
81	Reflex			-50.8	358.8			57044	☑	
84	Reflex			-50.6	359			57056	☑	
87	Reflex			-50.7	358.6			57027	☑	
90	Reflex			-50.7	358.9			57028	☑	
93	Reflex			-50.6	358.7			56989	☑	
96	Reflex			-50.5	358.5			57127	☑	
99	Reflex			-50.5	358.6			57065	☑	
102	Reflex			-50.5	358.5			57017	☑	
108	Reflex			-50.7	358.9			57120	☑	
117	Reflex			-50.9	358.5			56953	☑	
120	Reflex			-50.3	358.5			56952	☑	
123	Reflex			-50.4	358.8			57143	☑	
126	Reflex			-50.2	358.1			56920	☑	
129	Reflex			-50.4	358.8			57103	☑	
132	Reflex			-50.3	358.1			57176	☑	
135	Reflex			-50.4	358.8			57057	☑	
141	Reflex			-50.4	358.4			57121	☑	

Hole: PAC-20-032

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	Reflex			-50.4	359.1			57009	☑	
147	Reflex			-50.4	359			56947	☑	
150	Reflex			-50.4	358.1			56971	☑	
153	Reflex			-50.5	358.8			57237	☑	
156	Reflex			-50.4	358.6			57181	☑	
159	Reflex			-50.4	358.5			57090	☑	
162	Reflex			-50.4	358.8			57097	☑	
165	Reflex			-50.4	357.3			56598	☑	
168	Reflex			-50.4	358.2			57158	☑	
171	Reflex			-50.3	358.2			57178	☑	
177	Reflex			-50.2	357.3			57124	☑	
180	Reflex			-50.2	357.3			57128	☑	
183	Reflex			-50.1	357.2			57266	☑	
186	Reflex			-50.1	357.6			57087	☑	
192	Reflex			-49.9	357.5			56890	☑	
204	Reflex			-49.8	356.8			57012	☑	
207	Reflex			-49.7	357			57150	☑	
210	Reflex			-49.7	356.9			57141	☑	
213	Reflex			-49.7	356.7			57176	☑	
216	Reflex			-49.6	356.6			57271	☑	
219	Reflex			-49.6	356.8			57327	☑	
222	Reflex			-49.6	356.5			57230	☑	
225	Reflex			-49.6	356.5			57343	☑	
228	Reflex			-49.6	356.4			57335	☑	

Hole: PAC-20-032

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
231	Reflex			-49.5	356.8			57285	☑	
240	Reflex			-49.4	356.7			56520	☑	
243	Reflex			-49.3	356.9			57493	☑	
249	Reflex			-49.2	357.2			57480	☑	
258	Reflex			-49.1	357.2			57142	☑	
261	Reflex			-49.1	357.2			57164	☑	

Hole: PAC-20-032

From (m)	To (m)	Rock Type & Description
0.00	2.00	OB Overburden
2.00	85.50	I2 Intermediate intrusive GS2
		Grey heterogeneous fine to medium grained unit. Unit is a mix of of volcanic flow to intrusive textures. Pervassive magnetite mineralization responsible for moderate to strong magnetism. Anhedral crystaline texture through most of the interval, plagioclas
		<<Alt: 49 - 50.5: strong Epidote>> Interval if strong frf hailine epidote veinlets forming larger bands
		<<Vein: 13.7 - 13.75: Quartz vein contain >90% quartz>> Light grey qz vein with minor cl alteration on margins.
		<<Vein: 29.2 - 29.25: with sulphides>> Minor light grey qz vein with chalcopyrite within the vein
85.50	85.90	I2 Intermediate intrusive
		Dark grey porphyritic intursive lense with 5mm plagioclase phenocrysts. Sharp upper and lower contact. Trace diss py min.
85.90	175.50	I2 Intermediate intrusive GS2
		Grey heterogeneous fine to medium grained unit. Unit is a mix of of volcanic flow to intrusive textures. Pervassive magnetite mineralization responsible for moderate to strong magnetism. Anhedral crystaline texture through most of the interval, plagioclas
		<<Vein: 108.2 - 108.4: Quartz vein contain >90% quartz>> Light grey qz vein with wall rock xenoliths within. Trave py min
		<<Vein: 121.45 - 121.5: Quartz vein contain >90% quartz>> Light grey qz vein
		<<Vein: 136.3 - 136.5: Quartz vein contain >90% quartz>> Milky qz tension vein with no related sulphide min
		<<Vein: 145.5 - 146.8: Quartz vein contain >90% quartz>> Milkt qz vein with large patches of tourmaline within.
175.50	179.90	E2 Intermediate GS1
		transitioncal upper contact into a fine grained grey unit with weal silicification Sharp lower contact at 30 degrees.
179.90	185.50	I2 Intermediate intrusive
		Homogeneous grey coloured intrusive unit. Pervassive patches of magnetite min throughout. Subhedral off white coloured plagioclase phenocrysts. Weakly Silicified

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
28.00	29.00	1.00	337966	0.006				
29.00	30.00	1.00	337967	0.0025				
30.00	31.00	1.00	337968	0.0025				
107.00	108.00	1.00	337969	0.0025				
108.00	109.00	1.00	337971	0.0025				
109.00	110.00	1.00	337972	0.0025				
135.00	136.00	1.00	337973	0.0025				
136.00	137.00	1.00	337974	0.008				
137.00	138.00	1.00	337975	0.008				
144.00	145.00	1.00	337976	0.0025				
145.00	146.00	1.00	337977	0.011				
146.00	147.00	1.00	337978	0.009				
177.00	178.00	1.00	337979	0.009				
178.00	179.00	1.00	337980	0.0025				
179.00	180.00	1.00	337981	0.007				

Hole: PAC-20-032

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
185.50	**211.85**	**I2 Intermediate intrusive**	**GS2**	194.00	195.00	1.00	337982	0.0025				
Grey heterogeneous fine to medium grained unit. Unit is a mix of of volcanic flow to intrusive textures. Pervassive magnetite mineralization responsible for moderate to strong magnetism. Anhedral crystaline texture through most of the interval, plagioclas												
<<Alt: 190 - 193.1: strong Biotite>> weakly foliated disseminated biotite				195.00	196.00	1.00	337983	0.0025				
<<Alt: 193.1 - 193.6: moderate Epidote / strong Biotite>> weakly foliated disseminated biotite				196.00	197.00	1.00	337984	0.0025				
<<Alt: 193.6 - 195.55: strong Biotite>> weakly foliated disseminated biotite				197.00	198.00	1.00	337985	0.0025				
<<Alt: 195.55 - 195.7: intense Silicification / strong Biotite>> weakly foliated disseminated biotite				206.50	207.50	1.00	337986	0.0025				
<<Alt: 195.7 - 196.2: strong Biotite>> weakly foliated disseminated biotite				207.50	208.50	1.00	337987	0.0025				
<<Alt: 196.2 - 198: intense Silicification / strong Biotite>> weakly foliated disseminated biotite				208.50	209.50	1.00	337988	0.0025				
<<Alt: 198 - 204.8: strong Biotite>> weakly foliated disseminated biotite												
<<Alt: 204.8 - 207: moderate Epidote / strong Biotite>> Strong bands of ep alt, seldomweakly foliated disseminated biotite												
<<Alt: 207 - 210.25: moderate Epidote / strong K-feldspar / strong Biotite>> Strong bands of ep alt, seldomBackground potassic alterationweakly foliated disseminated biotite												
<<Alt: 210.25 - 212: strong K-feldspar / strong Biotite>> Background potassic alterationweakly foliated disseminated biotite												
<<Vein: 208 - 208.03: Quartz vein contain >90% quartz>> Unusual quartz vein, non parallel boundary, chlorite and carbonate alteration												
211.85	**212.33**	**I1 Mafic intrusive**	**GS1**									
Fine grained dark green mafic intrusion. Grains difficult to make out, massive, slight potassic alteration in fracturing.												
<<Alt: 212 - 217: strong K-feldspar>> Background potassic alteration												
212.33	**221.60**	**I2 Intermediate intrusive**	**GS2**									
Grey heterogeneous fine to medium grained unit. Unit is a mix of of volcanic flow to intrusive textures. Pervassive magnetite mineralization responsible for moderate to strong magnetism. Anhedral crystaline texture through most of the interval, plagioclas												
221.60	**222.10**	**I1 Mafic intrusive**	**GS1**									
As above												
<<Alt: 222 - 229.5: strong Biotite>> weakly foliated disseminated biotite												
222.10	**229.70**	**I2 Intermediate intrusive**	**GS2**									
Grey heterogeneous fine to medium grained unit. Unit is a mix of of volcanic flow to intrusive textures. Pervassive magnetite mineralization responsible for moderate to strong magnetism. Anhedral crystaline texture through most of the interval, plagioclas												

Hole: PAC-20-032

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
229.70	**230.10**	**I1**	**Mafic intrusive**	**GS1**									
Fine grained dark green mafic intrusion. Intrusion is distinctly chlorite rich and slightly softer. Small fault or ~3cm zone of weak soft rock from alteration. Likely not a larger scale feature/structure.													
230.10	**238.40**	**I2**	**Intermediate intrusive**	**GS2**									
Grey heterogeneous fine to medium grained unit. Unit is a mix of of volcanic flow to intrusive textures. Pervassive magnetite mineralization responsible for moderate to strong magnetism. Anhedral crystaline texture through most of the interval, plagioclas													
238.40	**242.85**	**I3C**	**Granodiorite**	**GS1**									
Fine grained grey-green granodiorite intrusion. Fine grained disseminated chlorite alteration throughout, pushing the interval towards intermediate. Fine grained light green crystaline disseminated epidote alteration. Massive, no structure.													
242.85	**247.40**	**I2**	**Intermediate intrusive**	**GS2**	244.50	245.50	1.00	337989	0.0025				
Light to dark grey intermediate intrusion. No distinct crosscutting texture, crystaline, fine to medium grained. Resembles granodiorite with much more chlorite and biotite. Fine chlorite whisps in fractures. Weak local background potassic alteration.													
<<Vein: 246.55 - 246.58: with sulphides>> White to light grey vein					245.50	246.50	1.00	337991	0.0025				
					246.50	247.00	0.50	337992	0.364				
					247.00	248.00	1.00	337993	0.0025				
247.40	**252.60**	**E2**	**Intermediate**	**GS1**									
Light to dark grey interval. Could be same rock as surrounding "ITI" but has relatively distinct boundaries resembling lithological contacts or distinct alteration front. Interval is finer grained and more silicified, but could be a product of alteration.													
<<Alt: 248 - 255: strong Silicification>>													
252.60	**252.95**	**I1**	**Mafic intrusive**	**GS1**									
Chlorite rich lens. Distinct upper and lower contact. Non chlorite compotents of groundmass resemble surrounding rock, potentially the same rock.													
252.95	**254.95**	**E2**	**Intermediate**	**GS1**									
Light to dark grey interval. Could be same rock as surrounding "ITI" but has relatively distinct boundaries resembling lithological contacts or distinct alteration front. Interval is finer grained and more silicified, but could be a product of alteration.													
254.95	**261.00**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Local granular garnet alteration. Weak, somewhat turbulent, foliation.													
<<Alt: 257.65 - 258.5: moderate Garnet>> granular anhedral blotches / deformed garnet accretions.													

Hole: PAC-20-032

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 261

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-033

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-04-28	**Core Size:**	NQ
UTM East:	435680.2945	**Azimuth:**	207	**Date Completed:**	2020-05-02	**Casing Pulled?:**	☐
UTM North:	5643133.941	**Dip:**	-49	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	436.11	**Length (m):**	402	**Drill Rig:**		**Casing Depth (m):**	4.5
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
6	Reflex			-48.9	207.2			57702	☑	
12	Reflex			-48.9	207.4			57747	☑	
21	Reflex			-48.9	207.2			57191	☑	
27	Reflex			-48.9	207.4			57099	☑	
30	Reflex			-49.1	207			57019	☑	
33	Reflex			-49	207.5			57070	☑	
36	Reflex			-49	207.2			57088	☑	
39	Reflex			-48.9	207.5			57025	☑	
51	Reflex			-49	207.5			56995	☑	
54	Reflex			-49	207.7			56998	☑	
60	Reflex			-48.9	208.1			56998	☑	
63	Reflex			-48.9	207.8			56985	☑	
66	Reflex			-49	207.5			56989	☑	

Hole: PAC-20-033

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
69	Reflex			-49.1	207.6			56993	☑	
72	Reflex			-48.8	208.3			56993	☑	
75	Reflex			-49.1	207.5			57004	☑	
78	Reflex			-49	207.4			56915	☑	
81	Reflex			-48.9	207.9			56962	☑	
84	Reflex			-48.9	207.9			56962	☑	
87	Reflex			-49	207.9			56882	☑	
90	Reflex			-49	208.2			56929	☑	
93	Reflex			-48.9	207.6			57177	☑	
96	Reflex			-48.9	208.3			56992	☑	
99	Reflex			-48.9	208			56971	☑	
102	Reflex			-48.8	208			56965	☑	
105	Reflex			-48.8	208.1			56989	☑	
108	Reflex			-48.7	207.9			56992	☑	
111	Reflex			-48.7	208.2			57041	☑	
114	Reflex			-48.8	207.9			56986	☑	
117	Reflex			-48.8	207.9			56992	☑	
120	Reflex			-48.7	208.3			56986	☑	
123	Reflex			-48.7	207.9			57006	☑	
126	Reflex			-48.7	207.9			56992	☑	
129	Reflex			-48.6	207.7			56988	☑	
132	Reflex			-48.6	207.9			56994	☑	
135	Reflex			-48.6	208			56973	☑	
138	Reflex			-48.4	208.1			56994	☑	

Hole: PAC-20-033

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
141	Reflex			-48.5	208			56989	☑	
144	Reflex			-48.5	207.8			56980	☑	
147	Reflex			-48.5	208.1			56981	☑	
150	Reflex			-48.4	208.2			56987	☑	
153	Reflex			-48.5	208			56976	☑	
156	Reflex			-48.5	208			57003	☑	
159	Reflex			-48.4	208.3			56991	☑	
162	Reflex			-48.4	208.1			56981	☑	
165	Reflex			-48.5	208			56981	☑	
168	Reflex			-48.5	208			56998	☑	
171	Reflex			-48.5	207.8			56982	☑	
174	Reflex			-48.6	208.1			56994	☑	
177	Reflex			-48.7	207.8			56983	☑	
180	Reflex			-48.6	207.6			56979	☑	
183	Reflex			-48.7	207.4			56995	☑	
186	Reflex			-48.7	207.6			57009	☑	
189	Reflex			-48.6	207.6			57001	☑	
192	Reflex			-48.6	207.6			56987	☑	
195	Reflex			-48.8	207.6			56994	☑	
198	Reflex			-48.9	207.8			56989	☑	
201	Reflex			-49	207.7			57002	☑	
204	Reflex			-49.1	207.7			57006	☑	
207	Reflex			-49	208.2			57005	☑	
213	Reflex			-48.7	208.4			57004	☑	

Hole: PAC-20-033

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
216	Reflex			-48.6	208.5			57020	☑	
219	Reflex			-48.6	208.5			57005	☑	
222	Reflex			-48.4	208.6			57019	☑	
225	Reflex			-48.2	208.7			57019	☑	
228	Reflex			-48	209			57019	☑	
231	Reflex			-47.9	209.1			57019	☑	
234	Reflex			-47.9	208.9			57016	☑	
237	Reflex			-47.9	209.1			57022	☑	
240	Reflex			-48.1	208.7			57018	☑	
243	Reflex			-48	208.8			57010	☑	
246	Reflex			-47.9	208.7			57019	☑	
249	Reflex			-47.8	208.9			57020	☑	
252	Reflex			-47.9	208.5			57034	☑	
255	Reflex			-47.8	208.9			57021	☑	
258	Reflex			-47.9	208.5			57026	☑	
261	Reflex			-47.8	209.1			57031	☑	
264	Reflex			-47.9	209			57034	☑	
270	Reflex			-47.9	209			57027	☑	
273	Reflex			-47.8	208.9			57031	☑	
276	Reflex			-47.8	208.9			57059	☑	
279	Reflex			-47.8	208.9			57042	☑	
282	Reflex			-47.7	208.6			57028	☑	
285	Reflex			-47.7	208.6			57033	☑	
288	Reflex			-47.7	208.7			57024	☑	

Hole: PAC-20-033

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
291	Reflex			-47.7	208.6			57031	☑	
294	Reflex			-47.7	208.7			57055	☑	
297	Reflex			-47.7	208.8			57038	☑	
300	Reflex			-47.7	208.6			57017	☑	
303	Reflex			-47.7	208.7			57025	☑	
306	Reflex			-47.7	208.8			57016	☑	
309	Reflex			-47.7	208.6			57021	☑	
312	Reflex			-47.6	208.8			57048	☑	
315	Reflex			-47.6	208.8			57037	☑	
318	Reflex			-47.6	209			57040	☑	
324	Reflex			-47.6	209			57034	☑	
327	Reflex			-47.6	208.8			57029	☑	
330	Reflex			-47.6	208.9			57020	☑	
333	Reflex			-47.6	208.7			57030	☑	
336	Reflex			-47.5	208.6			57031	☑	
339	Reflex			-47.5	208.4			57014	☑	
342	Reflex			-47.5	208.3			57027	☑	
345	Reflex			-47.5	208.8			57023	☑	
348	Reflex			-47.5	208.6			57018	☑	
351	Reflex			-47.5	208.5			57020	☑	
354	Reflex			-47.4	208.4			57003	☑	
357	Reflex			-47.5	208.3			57008	☑	
363	Reflex			-47.4	208.7			57006	☑	
369	Reflex			-47.5	208.3			57000	☑	

Hole: PAC-20-033

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
372	Reflex			-47.5	208.8			56983	☑	
375	Reflex			-47.5	208.4			56988	☑	
378	Reflex			-47.4	208.6			56994	☑	
381	Reflex			-47.5	208.7			56967	☑	
384	Reflex			-47.5	208.6			56980	☑	
387	Reflex			-47.4	208.6			56978	☑	
390	Reflex			-47.5	208.7			56994	☑	
393	Reflex			-47.5	208.7			56971	☑	
396	Reflex			-47.5	208.6			56981	☑	
399	Reflex			-47.5	208.7			56968	☑	
402	Reflex			-47.4	209			56959	☑	

Hole: PAC-20-033

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**4.50**	**OB**	**Overburden**										
4.50	**15.90**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Altered and late fracturing making it difficult to make out original texture. Late fracturing is undeformed, angular, brecciating, filled with light green alteration fluid/mineral. Entire interval is somewhat silicified. Fine t													
15.90	**16.20**	**I3B**	**Tonalite**	**GS1**									
Light red potassic/hematite stained quartz rich felsic intrusion.													
16.20	**22.45**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Altered and late fracturing making it difficult to make out original texture. Late fracturing is undeformed, angular, brecciating, filled with light green alteration fluid/mineral. Entire interval is somewhat silicified. Fine t													
22.45	**24.90**	**I3A**	**Granite**	**GS2**									
Quartz rich felsic intrusion, crosscutting. Feldspar makes up very little of the groundmass, lots of potassic staining but likely very little kspar. Closer to tonalite? No structure, relatively massive.													
24.90	**34.30**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Altered and late fracturing making it difficult to make out original texture. Late fracturing is undeformed, angular, brecciating, filled with light green alteration fluid/mineral. Entire interval is somewhat silicified. Fine t													
<<Alt: 26.5 - 29.25: weak Hematitic>> Lots of joints with hematite faces, hairline fractures													
34.30	**59.15**	**E2**	**Intermediate**	**GS1**									
As above ITV but the alteration has dropped out revealing a clearer intermediate protolith. Grey-green fine grained intermediate volcanic. Small fault zone at ~46m with kspar and silica alteration above. Large hematite alteration zone radiating from fault													
<<Alt: 43.7 - 45.5: moderate Hematitic>>													
<<Alt: 45.5 - 46: strong Hematitic>>													
<<Alt: 46 - 47.2: moderate Hematitic>>													
<<Alt: 47.2 - 51: weak Hematitic>>													
<<Alt: 56 - 77: moderate K-feldspar>> Background potassic alteration													
<<Struc: 43.7 - 45.45: moderate Breccia>> Healed fracturing/breccia above fault													
<<Struc: 45.45 - 45.55: moderate Fault>> Reduced to R0, hematite rich, fault gauge zone													
<<Struc: 45.55 - 47.3: weak Breccia>> Slightly fractured and healed interval													
					43.00	44.00	1.00	337994	0.0025				
					44.00	45.00	1.00	337995	0.0025				
					45.00	46.00	1.00	337996	0.0025				
					46.00	47.00	1.00	337997	0.0025				

Hole: PAC-20-033

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			47.00	48.00	1.00	337998	0.0025				
			48.00	49.00	1.00	337999	0.0025				
59.15	**62.60**	**I3A1 Alkali Feldspar Granite GS2** Orange kspar rich granitoid intrusion. Medium grained with euhedral constituents. Weak internal fracturing filled with light green alteration/mineral.									
62.60	**86.97**	**E2 Intermediate GS1** Medium green-grey intermediate volcanic, same as 34.3-59.15m ITV interval. Slightly more patchy potassic alteration. Local brecciation adjacent to felsic/kspar intrusions.									
			86.00	87.00	1.00	338000	0.0025				
86.97	**87.94**	**I3C Granodiorite GS0** Brecciated beige and orange felsic intrusion or very distinct alteration zone. Replacement? <<Struc: 87 - 89: moderate Breccia>>	87.00	88.00	1.00	338095	0.0025				
87.94	**89.32**	**E2 Intermediate GS1** Medium green-grey intermediate volcanic, same as 34.3-59.15m ITV interval. Slightly more patchy potassic alteration. Local brecciation adjacent to felsic/kspar intrusions. <<Struc: 89 - 90.3: strong Breccia>>	88.00	89.00	1.00	338096	0.0025				
			89.00	90.00	1.00	338097	0.0025				
89.32	**90.30**	**I3C Granodiorite GS0** As above brecciated intrusion. Replacement alteration? Aphanitic.									
			90.00	91.00	1.00	338098	0.006				
90.30	**90.72**	**E2 Intermediate GS1** Medium green-grey intermediate volcanic, same as 34.3-59.15m ITV interval. Slightly more patchy potassic alteration. Local brecciation adjacent to felsic/kspar intrusions. <<Struc: 90.3 - 90.7: weak Breccia>>									
90.72	**94.32**	**I3C Granodiorite GS2** Medium grained orange and dark intrusion. Dark components push it closer to intermediate, relatively massive. Whispy light green alteration. Carbonate alteration with quartz in internal fracturing. Often intruded by later kspar rich felsic intrusions.									
94.32	**94.57**	**I3A1 Alkali Feldspar Granite GS0** Orange-red intrusion.									

Hole: PAC-20-033

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
94.57	**97.26**	**I3C Granodiorite GS2**									
Medium grained orange and dark intrusion. Dark components push it closer to intermediate, relatively massive. Whispy light green alteration. Carbonate alteration with quartz in internal fracturing. Often intruded by later kspar rich felsic intrusions.											
97.26	**98.25**	**I3A1 Alkali Feldspar Granite GS2**									
Red-orange intrusion.											
98.25	**105.35**	**I3C Granodiorite GS2**									
Medium grained orange and dark intrusion. Dark components push it closer to intermediate, relatively massive. Whispy light green alteration. Carbonate alteration with quartz in internal fracturing. Often intruded by later kspar rich felsic intrusions.											
105.35	**107.05**	**E2 Intermediate GS1**									
As above ITV, lots of late healed internal fracturing filled with light green mineral/alteration. Silicified and potassicly altered. <<Alt: 106.9 - 107.9: strong Epidote>> Strong fracture fill ser/ep mix			106.00	107.00	1.00	338099	0.0025				
			107.00	107.75	0.75	338100	0.0025				
107.05	**107.50**	**E2C Intense Carb Alt E2 GS1**									
Light grey interval, unique, previously unseen. Interval is carbonate dominated, difficult to tell if there is quartz component mixed in, whispy cream green alteration mineral throughought, instances of more vitreous green epidote whisps, fine disseminate <<Vein: 107.05 - 107.65: with sulphides>> Also broken out as a minor litho, very altered lending credence to older age.											
107.50	**107.65**	**E2C Intense Carb Alt E2 GS1**									
Light grey interval, unique, previously unseen. Interval is carbonate dominated, difficult to tell if there is quartz component mixed in, whispy cream green alteration mineral throughought, instances of more vitreous green epidote whisps, fine disseminate											
107.65	**110.40**	**I3A Granite GS0**	107.75	108.75	1.00	338101	0.0025				
Glassy very fine grained red interval with strong internal angular fracturing infilled with beige/light green mineral/alteration. Orange brown interval. Difficult to tell if it is a granitoid or an alteration interval whose alteration has completely repla <<Alt: 107.9 - 110.3: strong Epidote / complete K-feldspar>> Strong fracture fill ser/ep mixUnclear if it's an intrusion or a aphanitic replacement potassic alteration			108.75	110.00	1.25	338102	0.0025				
<<Alt: 110.3 - 113: strong Epidote>> Strong fracture fill ser/ep mix			110.00	111.00	1.00	338103	0.0025				
110.40	**115.75**	**E2 Intermediate GS1**									
Green and brown presumptive intermediate volcanic. Heavy healed fracturing, potassic alteration with glassy replacement texture. Original texture and protolith completely unrecognizable, given context, ITV. Carbonate in thin fractures.											

Hole: PAC-20-033

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
115.75	**119.00**	**I3S Feldspar porphyry GS3** Mostly dark intrusion with light orange phenocrysts. Distinct planar upper contact, distinct irregular lower contact. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are euhedral to anhderal, light orange, li									
119.00	**129.75**	**E2 Intermediate GS1** Green, with lesser orange-brown, fine grained intermediate volcanic. Strong late healed angular internal fracturing filled with cream green alteration/mineral. Trace pyrite mineralization. Weak replacement texture from silica. Pealed away of its alteratio	122.75	123.75	1.00	338104	0.011				
		<<Alt: 120 - 123: moderate Carbonate>>	123.75	124.25	0.50	338105	0.0025				
		<<Alt: 123 - 124: strong Epidote / moderate Carbonate>> Strong fracture fill ser/ep mix	124.25	125.25	1.00	338106	0.0025				
		<<Alt: 124 - 130: strong Epidote>> Strong fracture fill ser/ep mix	125.25	126.25	1.00	338107	0.0025				
		<<Vein: 120 - 125: Carbonate vein contain 0-10% quartz>> Weakly aligned carbonate veinlets, perhaps only weakly aligned fractures filled with carbonate, ~3%									
129.75	**132.11**	**I3A Granite GS2** Red-brown to orange granitoid intrusion. Variable kspar and hematite staining througout. Hematite alteration strong proximal to lower contact. Could be two separate intrusion, upper part has stronger kspar component and is closer to granite and lower part									
132.11	**132.57**	**E2 Intermediate GS1** As surrounding ITV, small lense of host rock to larger surrounding intrusion.									
132.57	**138.15**	**I3A Granite GS2** Red-brown to orange granitoid intrusion. Variable kspar and hematite staining througout. Hematite alteration strong proximal to lower contact. Could be two separate intrusion, upper part has stronger kspar component and is closer to granite and lower part	136.00	137.00	1.00	338109	0.0025				
		<<Alt: 136 - 138.15: moderate Hematitic>>	137.00	138.00	1.00	338110	0.01				
			138.00	139.00	1.00	338111	0.012				
138.15	**144.15**	**E2 Intermediate GS1** Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th									
		<<Alt: 138.15 - 142: strong Hematitic>>									
		<<Alt: 143 - 152.8: moderate K-feldspar>> Patchy background potassic alteration	139.00	140.00	1.00	338112	0.013				
			140.00	141.00	1.00	338113	0.011				

Hole: PAC-20-033

From (m)	To (m)		Rock Type & Description	
144.15	**144.45**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
Orange-red granitoid intrusion, hematite staining.				
144.45	**146.42**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
146.42	**147.05**	**I3S**	**Feldspar porphyry**	**GS3**
Mostly dark intrusion with light orange phenocrysts. Distinct planar upper contact, lower contact is lost in fracture. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are euhedral to anhderal, light orange, l				
147.05	**150.65**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
150.65	**151.05**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
Orange-red granitoid intrusion. Likely hematite stained as well.				
151.05	**153.15**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
<<Alt: 152.8 - 153: moderate Hematitic / moderate K-feldspar>> Patchy background potassic alteration				
<<Alt: 153 - 153.2: moderate Hematitic>>				
153.15	**153.65**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
Upper contact irregular from hairline fracturing with hematite, lower contact lost in rubble. Kspar granitoid.				
153.65	**161.75**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
<<Alt: 156 - 165: moderate Hematitic>>				
<<Struc: 156.3 - 156.5: weak Breccia>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
141.00	142.00	1.00	338114	0.0025				
142.00	143.00	1.00	338115	0.011				
143.00	144.00	1.00	338116	0.0025				

Hole: PAC-20-033

From (m)	To (m)		Rock Type & Description	
161.75	**163.65**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
Orange and brown-orange granitoid intrusion. Hematite alteration in hairline fractures, slightly brecciated with rounded components.				
163.65	**167.00**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
<<Alt: 166.6 - 167.5: moderate Hematitic>>				
<<Vein: 165.7 - 167.85: Quartz-Carbonate vein contain 10-90% quartz>> Irregular quartz carbonate vein/array				
167.00	**167.55**	**I3B**	**Tonalite**	**GS1**
Dark ograng-brown hematite stained quartz rich intrusion. Vitreous, not a distinct crystaline matrix, flowy.				
<<Alt: 167.5 - 171: moderate Hematitic>>				
167.55	**167.73**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
167.73	**167.95**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
Red-orange kspar hematite stained intrusion.				
167.95	**168.70**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
168.70	**169.25**	**I3C**	**Granodiorite**	**GS2**
Orange-brown hematite stained granitic intrusion.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
154.90	156.00	1.10	338117	0.0025				
156.00	157.00	1.00	338118	0.0025				
157.00	158.00	1.00	338119	0.0025				
158.00	159.10	1.10	338120	0.01				
162.50	163.50	1.00	338121	0.0025				
163.50	164.50	1.00	338122	0.0025				
164.50	165.00	0.50	338123	0.0025				
165.00	166.00	1.00	338124	0.0025				
166.00	167.00	1.00	338125	0.0025				

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From (m)	To (m)		Rock Type & Description	
169.25	**170.32**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
170.32	**170.80**	**I3C**	**Granodiorite**	**GS2**
Orange-red kspar hematite stained intrusion.				
170.80	**176.80**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
<<Alt: 171 - 171.4: strong Hematitic>>				
<<Alt: 171.4 - 174: moderate Hematitic>>				
<<Alt: 174 - 175: strong Hematitic>>				
<<Struc: 171 - 171.45: weak Breccia>> hydrothermal flow breccia				
<<Struc: 174 - 175: weak Breccia>> hydrothermal flow breccia				
176.80	**177.07**	**I3S**	**Feldspar porphyry**	**GS3**
Mostly dark intrusion with light orange phenocrysts. Distinct planar upper contact, lower contact is lost in fracture. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are euhedral to anhderal, light orange, l				
177.07	**181.02**	**E2**	**Intermediate**	**GS1**
Large brown to green intermediate interval. Wide range of hematite, potassic, and hairline ser/ep alteration throughout interval. Hematite most common on joint surfaces, hairline fractures, but from ~138-142 hematite alteration is pervasive and darkens th				
<<Alt: 178 - 187: moderate Hematitic>>				
181.02	**190.03**	**I3S**	**Feldspar porphyry**	**GS3**
Grey brown intermediate porphyritic interval. Very similar to other QFP's above. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are subhedral and slightly rounded, light orange, likely feldspar, makes up ~4				
190.03	**190.70**	**I3A1**	**Alkali Feldspar Granite**	**GS3**
Orange kspar rich granitoid intrusion, well formed kspar crystals.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
170.80	172.00	1.20	338126	0.0025				
172.00	173.00	1.00	338127	0.0025				
173.00	174.00	1.00	338129	0.0025				
174.00	175.00	1.00	338130	0.0025				
175.00	176.00	1.00	338131	0.0025				
176.00	177.00	1.00	338132	0.0025				

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
190.70	**191.78**	**I3S** **Feldspar porphyry**	**GS3**									
Grey brown intermediate porphyritic interval. Very similar to other QFP's above. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are subhedral and slightly rounded, light orange, likely feldspar, makes up ~4												
<<Alt: 190.7 - 193.3: moderate Hematitic>>												
191.78	**194.25**	**E2** **Intermediate**	**GS1**									
Small lens(?) of ITV within QFP which is within identical ITV to this lens.												
<<Alt: 193.3 - 193.5: intense Epidote / moderate Hematitic>>												
<<Alt: 193.5 - 197: moderate Hematitic>>												
				192.00	193.00	1.00	338133	0.0025				
				193.00	193.50	0.50	338134	0.0025				
				193.50	194.65	1.15	338135	0.0025				
194.25	**198.45**	**I3S** **Feldspar porphyry**	**GS3**	198.00	199.00	1.00	338136	0.0025				
Grey brown intermediate porphyritic interval. Very similar to other QFP's above. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are subhedral and slightly rounded, light orange, likely feldspar, makes up ~4												
<<Alt: 198.4 - 200.5: strong Hematitic>>												
198.45	**204.45**	**E2** **Intermediate**	**GS1**									
Mostly dark brown ITV. Strong pervasive dark brown hematite alteration in hairline fracturing. Rock is not overly competent, rubbled intervals, instances of fault gouge with structure. Parts with less hematite alteration are more green and similar to othe												
<<Alt: 202.1 - 204: strong Hematitic>>												
<<Alt: 204 - 208.7: moderate Hematitic>>												
<<Struc: 198.6 - 200.4: weak Breccia>> strong internal hairline fracturing with hematite alteration												
<<Struc: 202.8 - 203.45: moderate Breccia>> strong internal hairline fracturing with hematite alteration, visible dislodged clasts												
<<Struc: 203.45 - 203.5: weak Fault>> hematite rich fault gouge, fault plane difficult to see because of rubble zone												
				199.00	200.00	1.00	338137	0.0025				
				200.00	201.00	1.00	338138	0.0025				
				201.00	202.00	1.00	338139	0.0025				
				202.00	203.00	1.00	338140	0.0025				
				203.00	204.00	1.00	338141	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					204.00	205.00	1.00	338142	0.009				
204.45	**206.35**	**I3S**	**Feldspar porphyry**	**GS2**									
Mostly dark intrusion with light orange phenocrysts. Groundmass is VF to FG, dark, appears to be dark quartz with lesser fine chlorite. Phenocrysts are euhedral to anhderal, light orange, likely feldspar, makes up ~40% of interval. Most of interval is red													
<<Struc: 206 - 206.4: weak Fault>> angular rubble zone													
					205.00	206.00	1.00	338143	0.0025				
					206.00	207.00	1.00	338144	0.011				
206.35	**208.00**	**E2**	**Intermediate**	**GS1**	207.00	208.00	1.00	338145	0.0025				
Mostly dark brown ITV. Strong pervasive dark brown hematite alteration in hairline fracturing. Rock is not overly competent, rubbled intervals, instances of fault gouge with structure. Parts with less hematite alteration are more green and similar to othe													
<<Struc: 206.4 - 206.5: weak Fault>> angular rubble zone with trace fault gouge like material													
<<Struc: 206.5 - 207.4: weak Fault>> angular rubble zone													
208.00	**208.60**	**I3A1**	**Alkali Feldspar Granite**	**GS2**	208.00	209.00	1.00	338146	0.0025				
Kspar rich granitoid intrusion. Below lower contact in ITV there is a small fault zone parallel to contact													
208.60	**209.90**	**E2**	**Intermediate**	**GS1**	209.00	210.00	1.00	338147	0.0025				
Mostly dark brown ITV. Strong pervasive dark brown hematite alteration in hairline fracturing. Rock is not overly competent, rubbled intervals, instances of fault gouge with structure. Parts with less hematite alteration are more green and similar to othe													
<<Struc: 208.6 - 208.7: moderate Fault>> fractured zone with fault gouge													
209.90	**211.18**	**I2**	**Intermediate intrusive**	**GS2**									
Green and orange intermediate. Similar to other QFP intrusions but phenocrysts are smaller and groundmass is chlorite rich.													
211.18	**212.10**	**E2**	**Intermediate**	**GS1**									
Mostly dark brown ITV. Strong pervasive dark brown hematite alteration in hairline fracturing. Rock is not overly competent, rubbled intervals, instances of fault gouge with structure. Parts with less hematite alteration are more green and similar to othe													
212.10	**220.15**	**I3S**	**Feldspar porphyry**	**GS2**	214.00	215.00	1.00	338149	0.012				
Dark and orange feldspar porphyry. Medium grained subhedral light orange kspar crystals make up ~30% of interval, no preferred orientation. Groundmass is very fine grained, dark, has chlorititc compotents. Greener parts of interval is more epidote rich. M													
					215.00	216.00	1.00	338150	0.0025				

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From (m)	To (m)		Rock Type & Description	
220.15	**220.40**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
Orange-red kspar rich granitoid intrusion, non parallel contacts.				
220.40	**233.40**	**I3S**	**Feldspar porphyry**	**GS2**
Dark and orange feldspar porphyry. Medium grained subhedral light orange kspar crystals make up ~30% of interval, no preferred orientation. Groundmass is very fine grained, dark, has chlorititc compotents. Greener parts of interval is more epidote rich. M				
<<Alt: 222.7 - 226: intense Epidote>>				
<<Vein: 233.2 - 233.3: Quartz vein contain >90% quartz>> White opaque irregular qv				
233.40	**264.70**	**E2**	**Intermediate**	**GS1**
Grey green intermediate volcanic. Variable potassic, ser/ep fracture filling epidote alteration, hematite alteration on joint surfaces. Groundmass is quartz and chlorite dominated, patchy weak foliation.				
<<Alt: 243.9 - 246: moderate Epidote>>				
<<Alt: 258.3 - 258.9: weak Carbonate>>				
<<Alt: 258.9 - 259: moderate Epidote / weak Carbonate>>				
<<Alt: 259 - 264.75: moderate Epidote>>				
264.70	**269.82**	**I3S**	**Feldspar porphyry**	**GS2**
Dark and orange feldspar porphyry. Medium grained subhedral light orange kspar crystals make up ~30% of interval, no preferred orientation. Groundmass is very fine grained, dark, has chlorititc compotents. Greener parts of interval is more epidote rich. M				
<<Alt: 268.8 - 269.8: moderate Hematitic>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
216.00	217.00	1.00	338151	0.0025				
219.00	220.00	1.00	338152	0.0025				
220.00	221.00	1.00	338153	0.0025				
221.00	222.00	1.00	338154	0.0025				
222.00	223.00	1.00	338155	0.0025				
223.00	224.00	1.00	338156	0.008				
224.00	225.00	1.00	338157	0.0025				
225.00	226.00	1.00	338158	0.01				
232.00	233.00	1.00	338159	0.0025				
233.00	233.50	0.50	338160	0.0025				
233.50	234.50	1.00	338161	0.02				
268.00	269.00	1.00	338162	0.0025				
269.00	270.00	1.00	338163	0.0025				

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From (m)	To (m)		Rock Type & Description	
269.82	**271.60**	**E2**	**Intermediate**	**GS1**
Altered intermediate volcanic. Turbulent, flow like alt.				
<<Alt: 270.85 - 271.5: intense Hematitic>>				
<<Alt: 271.5 - 273.2: strong Epidote / intense Hematitic>> fine disseminated light green crystaline epidote				
<<Vein: 271.4 - 271.42: Quartz vein contain >90% quartz>> Light grey qv with alteration				
271.60	**275.88**	**I3S**	**Feldspar porphyry**	**GS2**
Dark and orange feldspar porphyry. Medium grained subhedral light orange kspar crystals make up ~30% of interval, no preferred orientation. Groundmass is very fine grained, dark, has chlorititc compotents. Greener parts of interval is more epidote rich. M				
<<Alt: 273.2 - 274: intense Hematitic>>				
<<Alt: 274 - 276: strong Hematitic>>				
275.88	**277.50**	**E2**	**Intermediate**	**GS1**
Light green-grey to medium brown-green fine grained intermediate volcanic. Intruded by many small irregular granitoid intrusions that are not broken out in minor lithos. Groundmass is fine grained, no preferential orientation, dominated by darker quartz,				
<<Alt: 276 - 281.15: intense Hematitic>>				
277.50	**277.75**	**I3B**	**Tonalite**	**GS2**
Hematite staining bleeding outwards from internal fractures.				
277.75	**287.25**	**E2**	**Intermediate**	**GS1**
Light green-grey to medium brown-green fine grained intermediate volcanic. Intruded by many small irregular granitoid intrusions that are not broken out in minor lithos. Groundmass is fine grained, no preferential orientation, dominated by darker quartz,				
<<Alt: 282 - 283: strong Epidote>> fine disseminated light green crystaline epidote				
287.25	**293.93**	**I3S**	**Feldspar porphyry**	**GS2**
As above FPO, smaller phenocrysts, more green.				
293.93	**297.65**	**E2**	**Intermediate**	**GS1**
As other ITV's.				
297.65	**310.85**	**I3S**	**Feldspar porphyry**	**GS2**
As above FPO.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
270.00	271.00	1.00	338164	0.0025				
271.00	272.00	1.00	338165	0.0025				
303.00	303.75	0.75	338166	0.0025				
303.75	304.25	0.50	338167	0.0025				
304.25	305.00	0.75	338169	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
310.85	**322.32**	**E2**	**Intermediate**	**GS1**	313.00	314.00	1.00	338170	0.012				
Green fine grained ITV, as other ITV's from hole.													
<<Alt: 313.5 - 317: strong Hematitic>>					314.00	315.00	1.00	338171	0.005				
<<Alt: 318.6 - 319.1: moderate Hematitic>>					315.00	316.00	1.00	338172	0.01				
<<Struc: 314 - 315: weak Fault>> large angular rubble zone, weakened from hematite alteraiton					316.00	317.00	1.00	338173	0.006				
					317.00	318.00	1.00	338174	0.0025				
322.32	**322.70**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion or ultra intense large chlorite alteration lens.													
322.70	**328.24**	**E2**	**Intermediate**	**GS1**									
Green fine grained ITV, as other ITV's from hole.													
<<Alt: 327.6 - 331.4: moderate Hematitic>>													
328.24	**331.45**	**I3A**	**Granite**	**GS2**									
Granitoid intrusion with hematite and potassic staining.													
<<Alt: 331.4 - 332: strong Hematitic>>													
					330.00	331.00	1.00	338175	0.009				
					331.00	332.00	1.00	338176	0.009				
331.45	**343.03**	**E2**	**Intermediate**	**GS1**	332.00	333.00	1.00	338177	0.0025				
Brecciated meta-intermediate volcanic. Strong breccia texture throughout interval. Brown intervals from hematite alteraiton, light green-cream coloured clasts, clasts are completely bleached and replaced. Quartz brecciation and adjacent siliceous alterati													
<<Alt: 332 - 334: strong Silicification / strong Hematitic>> Siliceous flooding adjacent to brecciating quartz stockwork					333.00	334.00	1.00	338178	0.0025				
<<Alt: 334 - 337.25: strong Silicification / moderate Hematitic>> Siliceous flooding adjacent to brecciating quartz stockwork					334.00	335.00	1.00	338179	0.007				
<<Alt: 337.25 - 338.85: strong Silicification / strong Hematitic>> Siliceous flooding adjacent to brecciating quartz stockwork					335.00	336.00	1.00	338180	0.0025				
<<Alt: 338.85 - 342: strong Silicification>> Siliceous flooding adjacent to brecciating quartz stockwork					336.00	337.00	1.00	338181	0.0025				
<<Vein: 331.9 - 337.8: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, 5-10% of interval is quartz					337.00	338.00	1.00	338182	0.0025				
<<Vein: 337.8 - 338.85: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, ~30% of interval is quartz					338.00	339.00	1.00	338183	0.0025				
<<Vein: 338.85 - 339.5: Quartz vein contain >90% quartz>> Unmineralized weakly brecciating stockwork, ~5% of interval is quartz					339.00	340.00	1.00	338184	0.0025				

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From (m)	To (m)		Rock Type & Description	
			<<Struc: 331.5 - 331.7: weak Fault>> Brown and red hematite rich fault zone, R0	
			<<Struc: 331.7 - 341: moderate Breccia>> Interval is brecciated throughout, healed, silicified from sil alt and quartz stockwork	
343.03	**346.70**	**I1**	**Mafic intrusive**	**GS1**
			Dark green mafic intrusion. Chlorite rich, soft. Small irregular clasts/broken intrusion components entrained in interval.	
346.70	**348.63**	**E2**	**Intermediate**	**GS1**
			Green and orange fine grained intermediate volcanic. Patchy replacement potassic alteration. Turbulent.	
			<<Alt: 348.5 - 354.7: strong Silicification>> Siliceous flooding adjacent to brecciating quartz stockwork	
			<<Vein: 346.7 - 347.2: Quartz vein contain >90% quartz>> Unmineralized qv stw, <5% of interval	
348.63	**354.70**	**I3A1**	**Alkali Feldspar Granite**	**GS2**
			Orange kspar rich granitoid intrusion. Medium grained with euhedral constituents. Weak internal fracturing filled with light green alteration/mineral. Interval is brecciated by quartz stockwork and has adjacent siliceous alteration.	
			<<Vein: 348.7 - 351: Quartz vein contain >90% quartz>> Unmineralized qv stw, <5% of interval	
			<<Vein: 351 - 353: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, ~50% of interval	
			<<Vein: 353 - 355.15: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, ~5-10% of interval	
			<<Struc: 351 - 352.5: moderate Breccia>> Breccia, as a byproduct of quartz stockwork, not purely structural.	
354.70	**360.55**	**E2**	**Intermediate**	**GS1**
			Light green fine grained intermediate volcanic. Late angular hairline fractures filled with light green ser/ep alteration.	
			<<Alt: 354.7 - 356.6: strong Epidote / strong Silicification>> Fracture fill ser/ep mixSiliceous flooding adjacent to brecciating quartz stockwork	
			<<Alt: 356.6 - 363.25: strong Epidote>> Fracture fill ser/ep mix	
			<<Vein: 355.15 - 355.35: Quartz vein contain >90% quartz>> Unmineralized late white opaque unmineralized qv	
			<<Vein: 355.35 - 356.6: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, ~5-10% of interval	
			<<Vein: 360 - 360.55: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, ~15% of interval	
360.55	**361.60**	**E1**	**mafic volcanics**	**GS1**
			Fine grained dark green turbulent interval. Chlorite rich, sfot, appears early because of veining and alteration.	
361.60	**364.65**	**E2**	**Intermediate**	**GS1**
			Light green fine grained intermediate volcanic. Late angular hairline fractures filled with light green ser/ep alteration.	

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
340.00	341.00	1.00	338185	0.0025				
341.00	342.00	1.00	338186	0.0025				
346.70	348.00	1.30	338187	0.0025				
348.00	349.00	1.00	338189	0.0025				
349.00	350.00	1.00	338190	0.0025				
350.00	351.00	1.00	338191	0.0025				
351.00	352.00	1.00	338192	0.0025				
352.00	353.00	1.00	338193	0.0025				
353.00	354.00	1.00	338194	0.0025				
354.00	355.00	1.00	338195	0.0025				
355.00	356.00	1.00	338196	0.0025				
356.00	357.00	1.00	338197	0.0025				
361.50	362.50	1.00	338198	0.0025				
362.50	363.50	1.00	338199	0.0025				

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From (m)	To (m)	Rock Type & Description
		<<Alt: 363.25 - 364: strong Epidote / moderate Silicification>> Fracture fill ser/ep mixAddional silica in already silica rich AFG interval, associated with quartz stockwork.
		<<Alt: 364 - 375.5: moderate Silicification>> Addional silica in already silica rich AFG interval, associated with quartz stockwork.
		<<Vein: 364.6 - 370: Quartz vein contain >90% quartz>> Unmineralized brecciating stockwork, ~5-10% of interval.
364.65	**385.30**	**I3A1 Alkali Feldspar Granite GS2**
		Light to medium orange kspar rich granitoid. Thin quartz stockwork weakly brecciates entire interval. Deep red hematite in some hairline fractures.
		<<Alt: 375.5 - 378: moderate Silicification / moderate Hematitic>> Addional silica in already silica rich AFG interval, associated with quartz stockwork.
		<<Alt: 378 - 385.4: moderate Hematitic>>
		<<Vein: 372.5 - 378: Quartz vein contain >90% quartz>> White brecciating qv stw. Trace py and apy mineralization at ~372.75m
385.30	**392.60**	**E2 Intermediate GS1**
		Fine grained green intermediate volcanic. Relatively unaltered and undeformed, relatively massive. Late angular internal healed fracturing with ser/ep infill, more common proximal to felsic intrusions.
392.60	**392.90**	**I3B Tonalite GS3**
		Quartz rich intrusion, so quartz rich that it might be an early vein. Lots of internal fracturing filled with hematite.
392.90	**393.05**	**E2 Intermediate GS1**
		Fine grained green intermediate volcanic. Relatively unaltered and undeformed, relatively massive. Late angular internal healed fracturing with ser/ep infill, more common proximal to felsic intrusions.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
363.50	364.50	1.00	338200	0.0025				
364.50	366.00	1.50	338201	0.0025				
366.00	367.50	1.50	338202	0.0025				
367.50	369.00	1.50	338203	0.0025				
369.00	370.00	1.00	338204	0.0025				
370.00	371.00	1.00	338205	0.0025				
371.00	372.50	1.50	338206	0.0025				
372.50	373.00	0.50	338207	0.0025				
373.00	374.50	1.50	338209	0.0025				
374.50	376.00	1.50	338210	0.0025				
376.00	377.50	1.50	338211	0.0025				
377.50	379.00	1.50	338212	0.0025				
379.00	380.50	1.50	338213	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
393.05	**393.65**	**I3B**	**Tonalite**	**GS3**									
As above TNL, more hematite staining in fractures.													
393.65	**394.30**	**E2**	**Intermediate**	**GS1**									
Fine grained green intermediate volcanic. Relatively unaltered and undeformed, relatively massive. Late angular internal healed fracturing with ser/ep infill, more common proximal to felsic intrusions.													
394.30	**394.70**	**I3C**	**Granodiorite**	**GS3**									
Strong hematite staining in fractures, bright red, some potassic staining as well.													
394.70	**394.83**	**E2**	**Intermediate**	**GS1**									
Fine grained green intermediate volcanic. Relatively unaltered and undeformed, relatively massive. Late angular internal healed fracturing with ser/ep infill, more common proximal to felsic intrusions.													
394.83	**395.60**	**I3B**	**Tonalite**	**GS3**									
As above TNL, more hematite staining in fractures.													
395.60	**398.30**	**E2**	**Intermediate**	**GS1**									
Fine grained green intermediate volcanic. Relatively unaltered and undeformed, relatively massive. Late angular internal healed fracturing with ser/ep infill, more common proximal to felsic intrusions.													
398.30	**398.75**	**I3A**	**Granite**	**GS2**									
Light red to red-orange granitoid intrusion. Kspar modal percentage varies throughout inteval. Parts with less kspar still have potassic staining and hematite staining.													
398.75	**399.17**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV, small lense of host rock to larger surrounding intrusion.													
399.17	**402.00**	**I3A**	**Granite**	**GS2**									
Light red to red-orange granitoid intrusion. Kspar modal percentage varies throughout inteval. Parts with less kspar still have potassic staining and hematite staining.													

End of Hole @ 402

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-034

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-05-02	**Core Size:**	NQ
UTM East:	435457.5602	**Azimuth:**	204	**Date Completed:**	2020-05-05	**Casing Pulled?:**	☐
UTM North:	5643316.643	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	438.56	**Length (m):**	378	**Drill Rig:**		**Casing Depth (m):**	15
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	Reflex			-50.1	204.1			57760	☑	
21	Reflex			-50.1	204.4			57323	☑	
33	Reflex			-50	204.6			57226	☑	
36	Reflex			-50	204.6			57221	☑	
42	Reflex			-50	204.3			57221	☑	
48	Reflex			-49.9	204.7			57220	☑	
51	Reflex			-49.9	204.4			57202	☑	
54	Reflex			-49.9	204.6			57203	☑	
57	Reflex			-50	204.3			57205	☑	
60	Reflex			-50	204.7			57199	☑	
63	Reflex			-49.9	204.8			57193	☑	
69	Reflex			-50	204.6			57203	☑	
72	Reflex			-49.9	204.6			57184	☑	

Hole: PAC-20-034

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
75	Reflex			-50	204.8			57184	☑	
78	Reflex			-50	204.8			57187	☑	
81	Reflex			-50	205			57170	☑	
84	Reflex			-49.9	204.8			57177	☑	
87	Reflex			-49.9	204.9			57178	☑	
90	Reflex			-49.9	204.7			57178	☑	
93	Reflex			-49.8	204.8			57170	☑	
96	Reflex			-49.8	204.9			57179	☑	
99	Reflex			-49.7	204.5			57178	☑	
102	Reflex			-49.7	204.7			57196	☑	
105	Reflex			-49.8	204.8			57174	☑	
108	Reflex			-49.7	204.8			57185	☑	
111	Reflex			-49.7	204.7			57180	☑	
114	Reflex			-49.6	204.7			57186	☑	
117	Reflex			-49.6	204.7			57182	☑	
120	Reflex			-49.6	204.8			57178	☑	
123	Reflex			-49.6	204.6			57186	☑	
129	Reflex			-49.5	204.7			57179	☑	
132	Reflex			-49.5	204.6			57182	☑	
135	Reflex			-49.6	204.6			57181	☑	
138	Reflex			-49.4	204.6			57177	☑	
141	Reflex			-49.7	204.6			57190	☑	
147	Reflex			-49.7	204.4			57178	☑	
150	Reflex			-49.5	203.9			57179	☑	

Hole: PAC-20-034

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
153	Reflex			-49.5	204.1			57176	☑	
156	Reflex			-49.5	204.2			57161	☑	
159	Reflex			-49.4	204.1			57181	☑	
162	Reflex			-49.4	204.2			57178	☑	
165	Reflex			-49.3	203.9			57175	☑	
168	Reflex			-49.2	203.8			57187	☑	
171	Reflex			-49.1	203.9			57181	☑	
174	Reflex			-49.1	203.8			57178	☑	
177	Reflex			-49.1	203.6			57179	☑	
180	Reflex			-49.1	203.8			57179	☑	
183	Reflex			-49	203.4			57187	☑	
186	Reflex			-48.9	203.4			57187	☑	
189	Reflex			-48.9	203.3			57189	☑	
192	Reflex			-48.9	203.5			57204	☑	
195	Reflex			-48.9	203.5			57188	☑	
198	Reflex			-48.9	203.3			57198	☑	
204	Reflex			-48.9	203.7			57201	☑	
207	Reflex			-48.9	203.7			57193	☑	
210	Reflex			-48.9	203.9			57151	☑	
216	Reflex			-48.8	203.7			57181	☑	
219	Reflex			-48.8	203.6			57257	☑	
222	Reflex			-48.8	203.7			57198	☑	
225	Reflex			-48.8	203.7			57201	☑	
228	Reflex			-48.7	203.8			57203	☑	

Hole: PAC-20-034

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
231	Reflex			-48.7	203.6			57238	☑	
234	Reflex			-48.7	203.5			57143	☑	
237	Reflex			-48.7	203.7			57523	☑	
240	Reflex			-48.7	203.6			57508	☑	
246	Reflex			-48.7	203.7			57210	☑	
249	Reflex			-48.7	203.9			57263	☑	
252	Reflex			-48.6	203.6			57223	☑	
255	Reflex			-48.5	203.8			57212	☑	
258	Reflex			-48.5	203.8			57196	☑	
261	Reflex			-48.4	203.6			57209	☑	
264	Reflex			-48.1	203.8			57224	☑	
267	Reflex			-48.1	203.9			57181	☑	
270	Reflex			-48.1	203.6			57325	☑	
273	Reflex			-48.1	203.5			57335	☑	
276	Reflex			-48	203.5			57286	☑	
279	Reflex			-48	203.2			57294	☑	
282	Reflex			-47.9	203.1			57336	☑	
285	Reflex			-47.9	203.4			57298	☑	
288	Reflex			-47.8	203.7			57270	☑	
294	Reflex			-47.8	203.4			57386	☑	
297	Reflex			-47.7	204.1			57551	☑	
300	Reflex			-47.7	203.1			57357	☑	
303	Reflex			-47.6	203.2			57806	☑	
306	Reflex			-47.6	202.9			57672	☑	

Hole: PAC-20-034

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
309	Reflex			-47.6	203.1			57651	☑	
312	Reflex			-47.5	204.7			57874	☑	
315	Reflex			-47.5	203.8			57415	☑	
318	Reflex			-47.5	204.2			57453	☑	
321	Reflex			-47.4	204			57283	☑	
324	Reflex			-47.4	203.7			57808	☑	
327	Reflex			-47.4	203.2			57275	☑	
330	Reflex			-47.3	204.8			57653	☑	
333	Reflex			-47.4	203.9			57651	☑	
336	Reflex			-47.3	204.3			57411	☑	
339	Reflex			-47.3	203.8			57356	☑	
342	Reflex			-47.2	203.8			57286	☑	
345	Reflex			-47.2	203.9			57378	☑	
348	Reflex			-47.2	203.8			57326	☑	
351	Reflex			-47.1	204.8			57423	☑	
354	Reflex			-47.1	204.5			57435	☑	
357	Reflex			-47.1	203.9			57791	☑	
360	Reflex			-47.1	204.4			57332	☑	
363	Reflex			-47	204.7			57331	☑	
366	Reflex			-47	204.1			57358	☑	
369	Reflex			-47	204.8			57250	☑	
372	Reflex			-47	204.4			57141	☑	
375	Reflex			-47	204.4			57153	☑	
378	Reflex			-47	204.6			57163	☑	

Hole: PAC-20-034

Hole: PAC-20-034

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**15.00**	**OB**	**Overburden**										
15.00	**24.95**	**E1**	**mafic volcanics**	**GS1**									
Dark grey-green mafic volcanic. Relatively massive, weak local foliation. Mostly unaltered, local ser/ep fracture filling and proximal weak potassic alteration. Poor RQD, weakened from increased chlorite?													
<<Alt: 21 - 22.4: moderate Epidote>>													
<<Struc: 19.75 - 23: moderate Foliation 45 deg. >>													
					24.95	27.00	2.05	338214	0.0025				
24.95	**27.20**	**I3S**	**Feldspar porphyry**	**GS2**	27.00	28.50	1.50	338215	0.0025				
Orange and light green FPO. Heavily obscured and altered by ser/ep fracture alteration. Medium grained subhedral orange kspar crystals throughout interval. Upper contact lost in rubble, lower contact distinct but not planar.													
<<Struc: 24.95 - 25: weak Fault>> Rubble zone. Likely mechanical, likely not a fault zone													
<<Struc: 25.25 - 25.3: weak Fault>> Rubble zone. Appears to have fault gouge but "gouge" is bound by drill spin, so likely mechanical from weak interval.													
27.20	**36.52**	**E2**	**Intermediate**	**GS1**	28.50	30.00	1.50	338216	0.0025				
Green and orange intermediate volcanic. Strong potassic and foliation parallel patches of epidote alteration, late ser/ep fracture alteration. Weak to moderate foliation throughout interval.													
<<Alt: 30.5 - 34: moderate Hematitic>>					30.00	31.50	1.50	338217	0.0025				
<<Alt: 34 - 36: strong Epidote / moderate Hematitic>> Fracture fill and bands of disseminated ep					31.50	33.00	1.50	338218	0.0025				
<<Alt: 36 - 41.4: strong Epidote>> Fracture fill and bands of disseminated ep													
<<Struc: 27.2 - 39: moderate Foliation 60 deg. >> Weak to moderate foliation													
36.52	**37.26**	**I3S**	**Feldspar porphyry**	**GS2**									
Orange and light green FPO. Heavily obscured and altered by ser/ep fracture alteration. Medium grained subhedral orange kspar crystals throughout interval.													
37.26	**39.34**	**E2**	**Intermediate**	**GS1**									
Green and orange intermediate volcanic. Strong potassic and foliation parallel patches of epidote alteration, late ser/ep fracture alteration. Weak to moderate foliation throughout interval.													
39.34	**40.90**	**I3S**	**Feldspar porphyry**	**GS2**									
As above FPO, texture is more obsucred by siliceous flooding and fine disseminated light green epidote alteration.													
40.90	**41.55**	**E2**	**Intermediate**	**GS1**									
Small lens of ITV within FPO which is hosted within the same ITV													

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
41.55	**42.18**	**I3S Feldspar porphyry GS2**									
As above FPO, texture is more obsucred by siliceous flooding and fine disseminated light green epidote alteration.											
42.18	**54.47**	**E2 Intermediate GS1**									
Green and orange intermediate volcanic. Strong potassic and foliation parallel patches of epidote alteration, late ser/ep fracture alteration. Weak to moderate foliation throughout interval.											
<<Alt: 45.5 - 50.5: strong Epidote>> Fracture fill and bands of disseminated ep											
<<Alt: 50.5 - 64: strong Epidote / moderate Hematitic>> Fracture fill and bands of disseminated ep											
54.47	**56.75**	**I3S Feldspar porphyry GS2**									
Orange and light green FPO. Heavily obscured and altered by ser/ep fracture alteration. Medium grained subhedral orange kspar crystals throughout interval. In addition, interval has some siliceous flooding, further obscuring texture by replacement. Some h											
56.75	**68.50**	**E2 Intermediate**	68.00	69.00	1.00	338219	0.0025				
Green, light green, and orange-brown fine grained intermediate volcanic. Texture is strongly obscured by ser/ep hairline fracture infill, potassic alteration, and pot/sil replacment/flooding alteration.											
<<Alt: 64 - 68: strong Epidote>> Fracture fill and bands of disseminated ep											
68.50	**71.85**	**I3S Feldspar porphyry**	69.00	70.00	1.00	338220	0.0025				
Brown-red glassy interval. Difficult to assess, but likely the same FPO as above, but has much more siliceous flooding, potassic alteration, and pervasive hematite alteration all destroying texture of rock Small fault zone at 69m.											
<<Alt: 68.5 - 71.4: intense Hematitic>>			70.00	71.00	1.00	338221	0.0025				
<<Struc: 69 - 69.2: moderate Fault>> Hematite rich fault gouge			71.00	72.00	1.00	338222	0.0025				
71.85	**72.89**	**E2 Intermediate GS1**									
Small lens of ITV within FPO which is hosted within the same ITV											
			72.00	73.00	1.00	338223	0.0025				
72.89	**78.80**	**I3S Feldspar porphyry**									
Brown-red glassy interval. Difficult to assess, but likely the same FPO as above, but has much more siliceous flooding, potassic alteration, and pervasive hematite alteration all destroying texture of rock Small fault zone at 69m.											
<<Alt: 73 - 74.6: strong Epidote>>											
<<Alt: 74.6 - 78.5: strong Epidote / strong Hematitic>>											
<<Alt: 78.5 - 78.8: moderate Epidote / strong Hematitic>>											
			73.00	74.00	1.00	338224	0.0025				
			74.00	75.00	1.00	338225	0.0025				
			75.00	76.00	1.00	338226	0.0025				

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			76.00	77.00	1.00	338227	0.0025				
			77.00	78.00	1.00	338228	0.0025				
			78.00	79.00	1.00	338229	0.0025				
78.80	**93.55**	**E2 Intermediate GS1**	79.00	80.00	1.00	338230	0.0025				
Medium to dark green intermediate volcanic. Late hairline fractures filled and healed with ser/ep alteration, patchy uncommon weak potassic alteration, massive, no foliation, little to no quartz veining. Ser/ep fractures are so strong sometimes there are											
<<Alt: 78.8 - 97: moderate Epidote>>			80.00	81.00	1.00	338231	0.0025				
<<Vein: 79.4 - 79.42: Quartz vein contain >90% quartz>>			81.00	82.00	1.00	338232	0.0025				
<<Vein: 79.6 - 79.64: Quartz vein contain >90% quartz>>			82.00	83.00	1.00	338233	0.0025				
			83.00	84.00	1.00	338235	0.0025				
			84.00	85.00	1.00	338236	0.0025				
			85.00	86.00	1.00	338237	0.0025				
			86.00	87.00	1.00	338238	0.0025				
			87.00	88.00	1.00	338239	0.0025				
			88.00	89.00	1.00	338240	0.0025				
93.55	**93.85**	**I3S Feldspar porphyry GS2**									
Light orange FPO, siliceous flooding obscuring details of original texture.											
93.85	**133.16**	**E2 Intermediate GS1**									
Medium to dark green intermediate volcanic. Late hairline fractures filled and healed with ser/ep alteration, patchy uncommon weak potassic alteration, massive, no foliation, little to no quartz veining. Ser/ep fractures are so strong sometimes there are											
<<Alt: 97 - 102: moderate Epidote / weak Hematitic>>											
<<Alt: 102 - 104: weak Hematitic>>											
<<Alt: 104 - 107: strong Epidote / moderate Hematitic>>											
<<Alt: 107 - 117: moderate Hematitic>>											
<<Alt: 119 - 135: strong Epidote>>											
<<Struc: 104 - 107: weak Breccia>>											
<<Struc: 114.5 - 115.1: weak Fault>> Rubble zone, large angular pieces, correlated to hematite alteration/joints											
			102.00	103.50	1.50	338241	0.0025				
			103.50	105.00	1.50	338242	0.0025				

Hole: PAC-20-034

From (m)	To (m)		Rock Type & Description	
133.16	**134.45**	**I3S**	**Feldspar porphyry**	**GS2**

Orange and light green FPO. Heavily obscured and altered by ser/ep fracture alteration. Medium grained subhedral orange kspar crystals throughout interval.

From (m)	To (m)		Rock Type & Description	
134.45	**152.35**	**E2**	**Intermediate**	**GS1**

Medium to dark green intermediate volcanic. Late hairline fractures filled and healed with ser/ep alteration, patchy uncommon weak potassic alteration, massive, no foliation, little to no quartz veining. Ser/ep fractures are so strong sometimes there are

<<Alt: 135 - 145: moderate Hematitic>>

<<Alt: 145 - 148.5: strong Epidote / moderate Hematitic>>

<<Alt: 148.5 - 161: moderate Hematitic>>

<<Struc: 136.4 - 137: weak Fault>> Rubble zone, large angular pieces, correlated to hematite alteration/joints

<<Struc: 140.5 - 141: weak Fault>> Rubble zone, large angular pieces, correlated to hematite alteration/joints

From (m)	To (m)		Rock Type & Description	
152.35	**154.65**	**I3A**	**Granite**	**GS0**

Orange and light green interval. Difficult to say if it its own litho or just intense potassic replacement interval. Replacement texture, original rock completely destroyed if there was an original rock.

From (m)	To (m)		Rock Type & Description	
154.65	**179.65**	**E2**	**Intermediate**	**GS1**

Medium to dark green intermediate volcanic. Late hairline fractures filled and healed with ser/ep alteration, patchy uncommon weak potassic alteration, massive, no foliation, little to no quartz veining. Ser/ep fractures are so strong sometimes there are

From (m)	To (m)		Rock Type & Description	
179.65	**181.53**	**I3A1**	**Alkali Feldspar Granite**	**GS2**

Light to medium orange kspar rich granitoid intrusion, weak light grey qv ith blebby pyrite.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
105.00	106.50	1.50	338243	0.0025				
106.50	108.00	1.50	338244	0.0025				
117.00	118.00	1.00	338245	0.0025				
118.00	119.00	1.00	338246	0.0025				
119.00	120.00	1.00	338247	0.0025				
120.00	121.00	1.00	338248	0.0025				
152.00	153.00	1.00	338249	0.0025				
153.00	154.00	1.00	338250	0.0025				
154.00	155.00	1.00	338251	0.0025				

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
181.53	**198.20**	**E2 Intermediate**	**GS1**									
Medium to dark green intermediate volcanic. Late hairline fractures filled and healed with ser/ep alteration, patchy uncommon weak potassic alteration, massive, no foliation, little to no quartz veining. Ser/ep fractures are so strong sometimes there are <<Alt: 191.5 - 197: moderate Epidote>>												
198.20	**201.42**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Orange-red kspar rich granitoid intrusion. Weak internal hairline fracturing with dark chlorite infill. Larger hairline fractures have light green ser/ep infill.												
201.42	**201.85**	**E2 Intermediate**	**GS2**									
Orange and green medium grainted intermediate volcanic interval wedged between kspar rich intrusions and strong epidote alteration fracturing. Well formed medium grained chlorite crystals, subhedral light orange feldspar crystals.												
201.85	**202.36**	**I2H Syenite**	**GS0**									
Orange aphanitic massive kspar rich intrusion. Difficult to tell if intrusion is aphanitic or if there is secondary alteration replacing original texture. Weak thin internal hairline fracturing filled with light green alt.												
202.36	**203.45**	**E2 Intermediate**	**GS2**	203.00	204.00	1.00	338252	0.0025				
Orange and green medium grainted intermediate volcanic interval wedged between kspar rich intrusions and strong epidote alteration fracturing. Well formed medium grained chlorite crystals, subhedral light orange feldspar crystals. <<Alt: 202.85 - 204: strong Epidote>>												
203.45	**204.00**	**I3A1 Alkali Feldspar Granite**	**GS1**									
Light orange and green kspar rich intrusion. Contacts are distinct but irregular.												
204.00	**205.43**	**E2 Intermediate**	**GS2**	204.00	205.00	1.00	338253	0.0025				
Orange and green medium grainted intermediate volcanic interval wedged between kspar rich intrusions and strong epidote alteration fracturing. Well formed medium grained chlorite crystals, subhedral light orange feldspar crystals. <<Alt: 204 - 205.5: complete Epidote>>				205.00	206.00	1.00	338255	0.0025				
205.43	**205.65**	**I3A1 Alkali Feldspar Granite**	**GS1**									
Light orange and green kspar rich intrusion. Contacts are distinct but irregular. <<Alt: 205.5 - 206.1: moderate Epidote>>												
205.65	**206.17**	**E2 Intermediate**	**GS2**									
Orange and green medium grainted intermediate volcanic interval wedged between kspar rich intrusions and strong epidote alteration fracturing. Well formed medium grained chlorite crystals, subhedral light orange feldspar crystals.												
206.17	**209.77**	**E1 mafic volcanics**	**GS1**									
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												

Hole: PAC-20-034

From (m)	To (m)		Rock Type & Description	
209.77	**211.67**	**I2H**	**Syenite**	**GS0**

Red orange kspar rich intrusion. Glassy aphanitic texture, product of replacement alteration or original crystal size? Disseminated pyrite throughout, associated with fractures and weak qv.

211.67	**213.95**	**E1**	**mafic volcanics**	**GS1**

Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr

213.95	**214.53**	**I2H**	**Syenite**	**GS0**

As above. Red orange kspar rich intrusion. Glassy aphanitic texture, product of replacement alteration or original crystal size? Disseminated pyrite throughout, associated with fractures and weak qv.

214.53	**219.34**	**E1**	**mafic volcanics**	**GS1**

Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr

<<Alt: 215 - 218: weak Hematitic>>

<<Struc: 217.15 - 218.1: weak Fault>> Rubble zone, exacerbated by hematite alteration on joints.

219.34	**219.60**	**I3A**	**Granite**	**GS2**

Light orange and dark green granitoid intrusion.

219.60	**220.67**	**E1**	**mafic volcanics**	**GS1**

Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr

<<Alt: 220.4 - 223.5: moderate Epidote>>

220.67	**220.93**	**I2H**	**Syenite**	**GS0**

Red orange kspar rich intrusion. Glassy aphanitic texture, product of replacement alteration or original crystal size? Disseminated pyrite throughout, associated with fractures. Small hairline fractures with ser/ep infill alt.

220.93	**222.70**	**I3C**	**Granodiorite**	**GS2**

Light grey and orange interval. Texture is strongly obscured by sil(?) flooding and fine light green ep(?) alteration. Foggy subhedral light orange kspar crystals can be roughly made out.

222.70	**223.40**	**E1**	**mafic volcanics**	**GS1**

Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
208.50	209.00	0.50	338256	0.0025				
209.00	210.00	1.00	338257	0.0025				
210.00	211.00	1.00	338258	0.0025				
211.00	212.00	1.00	338259	0.0025				

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
223.40	**226.90**	**I3A1 Alkali Feldspar Granite**	**GS2**									
Medium grained crystaline massive kspar rich granitoid intrusion.												
226.90	**228.68**	**E1 mafic volcanics**	**GS1**									
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												
228.68	**229.78**	**I3A Granite**	**GS2**									
Granitoid with strong interstitial chlorite alteration.												
229.78	**238.50**	**E1 mafic volcanics**	**GS1**									
Dark green and orange-light orange turbulent mafic interval with pinched and elongated clasts from adjacent granitoid intrusions/veins. Groundmass is identical to above mafic volcanic. Sporadic irregular kspar rich granitoid veins. Proximal potassic alter												
<<Struc: 230 - 241: weak Foliation 50 deg. >>												
				238.00	239.00	1.00	338260	0.0025				
238.50	**238.85**	**I2H Syenite**	**GS0**									
Glassy kspar rich intrusion, replacement texture												
238.85	**242.42**	**E1 mafic volcanics**	**GS1**	239.00	240.00	1.00	338261	0.0025				
Dark green and orange-light orange turbulent mafic interval with pinched and elongated clasts from adjacent granitoid intrusions/veins. Groundmass is identical to above mafic volcanic. Sporadic irregular kspar rich granitoid veins. Proximal potassic alter												
				240.00	241.00	1.00	338262	0.0025				
242.42	**244.36**	**I3A Granite**	**GS1**									
Granitoid intrusion with potassic replacement texture related to fractures and epiodte alteration.												
244.36	**244.75**	**E1 mafic volcanics**	**GS1**									
Dark green and orange-light orange turbulent mafic interval with pinched and elongated clasts from adjacent granitoid intrusions/veins. Groundmass is identical to above mafic volcanic. Sporadic irregular kspar rich granitoid veins. Proximal potassic alter												
244.75	**247.23**	**E1 mafic volcanics**	**GS1**	246.00	246.75	0.75	338263	0.02				
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												
<<Alt: 245 - 259: moderate Epidote>>				246.75	247.25	0.50	338264	0.0025				
<<Vein: 246.2 - 246.21: Quartz vein contain >90% quartz>> Weak carbonate mixed in, epidote alteration on outside of vein.												
<<Vein: 247 - 247.05: Carbonate vein contain 0-10% quartz>> Mixed with epidote alteration												

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
247.23	**248.14**	**I2** **Intermediate intrusive**	**GS2**									
Light orange and grey intermediate intrusion. Fine quartz rich ground mass with medium pinched chlorite, subhedral feldspar crystals.												
				247.25	248.00	0.75	338265	0.0025				
				248.00	249.00	1.00	338266	0.0025				
248.14	**248.17**	**E1** **mafic volcanics**	**GS1**									
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												
248.17	**248.65**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
Weak internal fractures with epidote alteration.												
248.65	**250.41**	**E1** **mafic volcanics**	**GS1**									
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												
<<Vein: 248.85 - 248.88: Carbonate vein contain 0-10% quartz>> Epidote alteration on outside bleeding into host rock												
250.41	**251.00**	**I3A** **Granite**	**GS2**									
Mixture of different granitoid intrusions, difficult to classify and break apart.												
251.00	**252.42**	**E1** **mafic volcanics**	**GS1**									
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												
252.42	**252.60**	**I3A1** **Alkali Feldspar Granite**	**GS2**									
<5% interstitial dark green chlorite crystals												
252.60	**267.00**	**E1** **mafic volcanics**	**GS1**	255.00	256.00	1.00	338267	0.008				
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr												
<<Vein: 255.45 - 255.49: Quartz-Carbonate vein contain 10-90% quartz>>				256.00	257.00	1.00	338268	0.005				
<<Vein: 263.45 - 263.47: Quartz-Carbonate vein contain 10-90% quartz>>				257.00	258.00	1.00	338269	0.0025				
				258.00	259.00	1.00	338270	0.0025				
				259.00	260.00	1.00	338271	0.0025				
267.00	**271.76**	**I2** **Intermediate intrusive**	**GS2**	271.00	272.00	1.00	338272	0.13				
Medium grey intermediate intrusion with lighter subhedral feldspar crystals. Quartz rich groundmass with interstitial fine dark chlorite. Weak consistent foliation throughout. Fine disseminated pyrite mineralization.												

Hole: PAC-20-034

From (m)	To (m)		Rock Type & Description	
271.76	**280.84**	**E1**	**mafic volcanics**	**GS1**
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr				
<<Vein: 277.9 - 277.92: Quartz-Carbonate vein contain 10-90% quartz>>				
280.84	**282.00**	**I2H**	**Syenite**	**GS1**
Potassium/kspar rich granitoid intrusion. Glassy/aphanitc parts likely the result of a replacement alteration.				
<<Vein: 281 - 281.1: Quartz-Carbonate vein contain 10-90% quartz>>				
282.00	**290.75**	**E1**	**mafic volcanics**	**GS1**
Dark green fine to very fine grained mafic volcanic interval. Largely unaltered, weak thin hairline fracturing filled with light green ser/ep alteration. Epitdote and potassic alteration tied to fractuing. Weak alignment of fine grained chlorite. Aside fr				
290.75	**296.40**	**I3A**	**Granite**	**GS2**
Orange and dark medium grained granite. Local intervals of coarse grained pegmatitic texture. Dark component is a mixture of biotite and chlorite that are associated and adjacent/mixed. Non pegmatitic parts are massive, homogeneous.				
296.40	**300.70**	**E1**	**mafic volcanics**	**GS1**
As above mafic intervals, disseminated epidote alteration in patchy bands.				
<<Alt: 296.4 - 300.7: moderate Epidote>>				
<<Vein: 297.3 - 297.35: Quartz vein contain >90% quartz>>				
<<Vein: 297.97 - 298: Quartz vein contain >90% quartz>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
272.00	273.00	1.00	338273	0.022				
277.75	278.75	1.00	338275	0.0025				
278.75	279.75	1.00	338276	0.0025				
279.75	280.75	1.00	338277	0.0025				
280.75	281.25	0.50	338278	0.0025				
281.25	282.25	1.00	338279	0.0025				
282.25	283.25	1.00	338280	0.0025				
283.25	284.25	1.00	338281	0.007				
284.25	285.25	1.00	338282	0.0025				
297.00	298.10	1.10	338283	0.0025				
298.10	299.00	0.90	338284	0.0025				
299.00	300.00	1.00	338285	0.0025				
300.00	301.00	1.00	338286	0.0025				

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
300.70	**307.09**	**I3S** **Feldspar porphyry**	**GS3**									
Light orange and dark feldspar porphyry intrusion. Feldpar crystals are tabular, coarse, euhedral, and unorganized, make up ~50% of interval. Light orange from potassic staining/alteration. Darker groundmass is fine grained chlorite and mostly grey amorph												
307.09	**308.55**	**E1** **mafic volcanics**	**GS1**									
Lens of MFV within FPO which crosscuts larger FPO. Lower contact with FPO has ~0.5m very strong carbonate alteration.												
				307.50	308.50	1.00	338287	0.0025				
				308.50	309.00	0.50	338288	0.0025				
308.55	**310.75**	**I3S** **Feldspar porphyry**	**GS3**									
Light orange and dark feldspar porphyry intrusion. Feldpar crystals are tabular, coarse, euhedral, and unorganized, make up ~50% of interval. Light orange from potassic staining/alteration. Darker groundmass is fine grained chlorite and mostly grey amorph												
<<Alt: 308.55 - 309: complete Carbonate>> Strong carb alteration in interstitial space of brecciated contact of MFV and FPO												
<<Vein: 310.6 - 310.75: Carbonate vein contain 0-10% quartz>> Calcite												
				309.00	310.00	1.00	338289	0.0025				
310.75	**313.83**	**I1** **Mafic intrusive**	**GS1**	313.00	314.00	1.00	338290					
Dark green mafic intrusion. Fine disseminated light green crystaline epidote alteration, fine chlorite, and dark quartz.												
<<Vein: 313.04 - 313.83: Carbonate vein contain 0-10% quartz>> Calcite												
313.83	**321.58**	**E2** **Intermediate**	**GS2**									
Dark grey-light orange-light green intermediate volcanic with subhedral medium grained beinge feldspar crystals. Interals with distinct and very strong carbonate alteration.												
<<Vein: 317.15 - 318.1: Carbonate vein contain 0-10% quartz>> Calcite												
				314.00	315.00	1.00	338291	0.0025				
				315.00	316.00	1.00	338292	0.0025				
				316.00	317.00	1.00	338293	0.0025				
				317.00	318.10	1.10	338295	0.0025				
321.58	**322.90**	**I3S** **Feldspar porphyry**	**GS3**									
Light orange and light green FPO. Crystals are up to 10mm, tabular, euhedral to subhedral, beige with orange staining, weakly aligned. Fine magnetite throughout.												
322.90	**323.57**	**I1** **Mafic intrusive**	**GS1**									
Dark green mafic intrusion. Mineral assemblage is dominated by chlorite, epidote, and grey quartz.												

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
323.57	**326.15**	**I2A** **Diorite**	**GS2**									
Dark green, light orange, and beige diorite interval. Medium grained, mineral assemblage is dominated by chlorite, feldspar and quartz.												
<<Vein: 323.57 - 324.35: Carbonate vein contain 0-10% quartz>> Calcite												
326.15	**329.30**	**I3S** **Feldspar porphyry**	**GS3**									
Light orange pegmatitic FPO. Some parts have large feldspar pegmatitic crystals that are welded together and boundaries that are difficult to make out. Dark green interstitial chlorite throughout between 10-30%. Fine light green crystaline disseminated ep												
<<Vein: 327.45 - 328.2: Carbonate vein contain 0-10% quartz>>												
<<Vein: 328.6 - 329.05: Carbonate vein contain 0-10% quartz>>												
				327.00	328.00	1.00	338296	0.0025				
				328.00	329.00	1.00	338297	0.0025				
				329.00	330.00	1.00	338298	0.0025				
329.30	**330.00**	**I1** **Mafic intrusive**	**GS1**									
Medium green chlorite rich intrusion, upper contact has strong carbonate alteration breccriating through it.												
330.00	**332.25**	**I3S** **Feldspar porphyry**	**GS3**									
Light orange pegmatitic FPO. Some parts have large feldspar pegmatitic crystals that are welded together and boundaries that are difficult to make out. Dark green interstitial chlorite throughout between 10-30%. Fine light green crystaline disseminated ep												
332.25	**333.95**	**I1** **Mafic intrusive**	**GS1**									
Medium to dark green mafic intrusion. Chlorite dominated, fine epidote.												
333.95	**335.70**	**I3S** **Feldspar porphyry**	**GS3**									
Light orange pegmatitic FPO. Some parts have large feldspar pegmatitic crystals that are welded together and boundaries that are difficult to make out. Dark green interstitial chlorite throughout between 10-30%. Fine light green crystaline disseminated ep												
335.70	**337.07**	**I1** **Mafic intrusive**	**GS1**									
Medium to dark green mafic intrusion. Chlorite dominated, fine epidote.												
337.07	**349.45**	**I3S** **Feldspar porphyry**	**GS3**	340.00	340.75	0.75	338299	0.0025				
Light orange pegmatitic FPO. Some parts have large feldspar pegmatitic crystals that are welded together and boundaries that are difficult to make out. Dark green interstitial chlorite throughout between 10-30%. Fine light green crystaline disseminated ep												
<<Vein: 340.94 - 341.3: Carbonate vein contain 0-10% quartz>>				340.75	341.25	0.50	338300	0.0025				
				341.25	342.00	0.75	338301	0.0025				

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
349.45	**357.07**	**I2A** **Diorite**	**GS2**									
Dark green and beige diorite unit. Massive and crystaline throughout, well formed interlocking crystals. Mineral assemblage is dominated by chlorite, fine disseminated light green epidote and interstitial quartz and feldspar. <<Vein: 351.35 - 351.55: Carbonate vein contain 0-10% quartz>>												
357.07	**357.50**	**I1** **Mafic intrusive**	**GS1**									
Dark green mafic intrusion. Chlorite, epidote and quartz dominated. Fine disseminated pyrite.												
357.50	**360.50**	**I2A** **Diorite**	**GS2**									
Dark green and beige diorite unit. Massive and crystaline throughout, well formed interlocking crystals. Mineral assemblage is dominated by chlorite, fine disseminated light green epidote and interstitial quartz and feldspar.												
360.50	**361.50**	**I3B** **Tonalite**	**GS3**									
Crosscutting quartz rich felsic intrusion. Hematite staining throughout.												
361.50	**362.77**	**I2A** **Diorite**	**GS2**									
Dark green and beige diorite unit. Massive and crystaline throughout, well formed interlocking crystals. Mineral assemblage is dominated by chlorite, fine disseminated light green epidote and interstitial quartz and feldspar.												
362.77	**363.13**	**I1** **Mafic intrusive**	**GS1**									
Dark green mafic intrusion. Well fomed crystals, weak carbonate in thin fractures.												
363.13	**369.22**	**I2A** **Diorite**	**GS2**									
Dark green and beige diorite unit. Massive and crystaline throughout, well formed interlocking crystals. Mineral assemblage is dominated by chlorite, fine disseminated light green epidote and interstitial quartz and feldspar.												
369.22	**370.38**	**E1** **mafic volcanics**	**GS1**									
Mostly dark green mafic volcanic. Range of textures; intervals resembling late MFI and other intervals with dark finer and more phenocrystic textures. Crosscut by multiple late potassic felsic intrusions.												
370.38	**370.73**	**I3A** **Granite**	**GS0**									
Light orange felsic intrusion with potassic alteration. Appears very fine grained/aphanitic, but could be welded larger crystals whose boundaries have been lost.												
370.73	**372.65**	**E1** **mafic volcanics**	**GS1**									
Mostly dark green mafic volcanic. Range of textures; intervals resembling late MFI and other intervals with dark finer and more phenocrystic textures. Crosscut by multiple late potassic felsic intrusions. <<Vein: 371.6 - 371.7: Carbonate vein contain 0-10% quartz>>												
372.65	**373.75**	**I3A** **Granite**	**GS0**									
Light orange felsic intrusion with potassic alteration. Appears very fine grained/aphanitic, but could be welded larger crystals whose boundaries have been lost.												

Hole: PAC-20-034

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
373.75	**378.00**	**E1 mafic volcanics GS1**	375.00	376.00	1.00	338302	0.0025				
Mostly dark green mafic volcanic. Range of textures; intervals resembling late MFI and other intervals with dark finer and more phenocrystic textures. Crosscut by multiple late potassic felsic intrusions.											
<<Vein: 375.45 - 376.15: Carbonate vein contain 0-10% quartz>> 40% of interval is Calcite			376.00	377.00	1.00	338303	0.0025				
<<Vein: 377.3 - 377.32: with sulphides>> Py min on outside of vein, slight mixing with carbonate			377.00	377.50	0.50	338304	0.01				
<<Vein: 377.65 - 377.85: Carbonate vein contain 0-10% quartz>>			377.50	378.00	0.50	338306	0.0025				

End of Hole @ 378

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-035

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-05-05	**Core Size:**	NQ
UTM East:	437055.8785	**Azimuth:**	207	**Date Completed:**	2020-05-11	**Casing Pulled?:**	☐
UTM North:	5642747.852	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	420.26	**Length (m):**	594	**Drill Rig:**		**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	Reflex			-49.5	207.5			58602	☑	
15	Reflex			-49.5	206.4			58444	☑	
18	Reflex			-49.3	207.5			58119	☑	
21	Reflex			-49.3	207.7			57808	☑	
24	Reflex			-49.2	208.1			57439	☑	
27	Reflex			-49.3	209			57452	☑	
30	Reflex			-49.2	208.6			57232	☑	
33	Reflex			-49.1	208.8			57252	☑	
36	Reflex			-49.5	206.6			57265	☑	
39	Reflex			-49	208.4			57150	☑	
42	Reflex			-49.1	207.6			57208	☑	
45	Reflex			-49	207.6			57216	☑	
48	Reflex			-49	208			57173	☑	

Hole: PAC-20-035

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-48.9	209.3			57144	☑	
54	Reflex			-49	207.6			57110	☑	
57	Reflex			-49	207.8			57112	☑	
60	Reflex			-49	207.9			57147	☑	
63	Reflex			-48.9	208			57171	☑	
66	Reflex			-49	208			57079	☑	
69	Reflex			-49	208.1			57109	☑	
72	Reflex			-48.9	208.1			57141	☑	
75	Reflex			-48.9	207.9			57104	☑	
78	Reflex			-48.9	207.9			57087	☑	
87	Reflex			-48.9	207.9			57097	☑	
90	Reflex			-48.8	208.5			57071	☑	
93	Reflex			-48.9	208.6			57272	☑	
96	Reflex			-48.8	208.3			57352	☑	
99	Reflex			-48.9	208			57481	☑	
102	Reflex			-48.8	208.1			57076	☑	
105	Reflex			-48.9	207.6			57131	☑	
111	Reflex			-48.8	207.5			57090	☑	
114	Reflex			-48.8	207.5			57102	☑	
117	Reflex			-48.7	207.5			57097	☑	
120	Reflex			-48.8	206.8			57117	☑	
123	Reflex			-48.7	207.3			57090	☑	
126	Reflex			-48.7	207.1			57147	☑	
129	Reflex			-48.7	207.8			57136	☑	

Hole: PAC-20-035

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
132	Reflex			-48.6	206.9			57118	☑	
135	Reflex			-48.6	206.8			57111	☑	
138	Reflex			-48.7	206.7			57073	☑	
141	Reflex			-48.6	206.8			57122	☑	
144	Reflex			-48.6	206.9			57096	☑	
147	Reflex			-48.6	206.9			57106	☑	
153	Reflex			-48.5	206.7			57094	☑	
156	Reflex			-48.6	206.9			57112	☑	
159	Reflex			-48.6	206.6			57116	☑	
162	Reflex			-48.6	206.8			57109	☑	
165	Reflex			-48.5	206.5			57115	☑	
168	Reflex			-48.5	206.5			57109	☑	
171	Reflex			-48.5	207.2			57104	☑	
177	Reflex			-48.4	206.2			57118	☑	
180	Reflex			-48.4	206.4			57198	☑	
183	Reflex			-48.4	206.4			57161	☑	
186	Reflex			-48.3	206.4			57300	☑	
189	Reflex			-48.3	206.4			57117	☑	
192	Reflex			-48.3	206.4			57132	☑	
195	Reflex			-48.2	206.4			57137	☑	
198	Reflex			-48.3	206			57135	☑	
201	Reflex			-48.3	206.1			57142	☑	
207	Reflex			-48.3	206.1			57137	☑	
210	Reflex			-48.3	206.2			57188	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
213	Reflex			-48.2	206			57361	☑	
216	Reflex			-48.2	205.6			57158	☑	
222	Reflex			-48.2	205.9			57147	☑	
225	Reflex			-48.2	205.8			57148	☑	
228	Reflex			-48.2	205.8			57144	☑	
231	Reflex			-48.2	205.6			57186	☑	
234	Reflex			-48.2	205.8			57162	☑	
237	Reflex			-48.2	205.2			57181	☑	
240	Reflex			-48.2	205.7			57200	☑	
243	Reflex			-48.3	205.7			57263	☑	
246	Reflex			-48.1	205.8			57179	☑	
249	Reflex			-48.2	205.5			57168	☑	
252	Reflex			-48.2	205.8			57157	☑	
255	Reflex			-48.2	205.7			57206	☑	
258	Reflex			-48.2	205.6			57205	☑	
261	Reflex			-48.2	205.4			57154	☑	
267	Reflex			-48.2	205.9			57113	☑	
270	Reflex			-48.2	206.3			57071	☑	
273	Reflex			-48.2	205.6			57295	☑	
276	Reflex			-48.2	205.4			57208	☑	
279	Reflex			-48.2	205.4			57177	☑	
282	Reflex			-48.2	205.2			57196	☑	
285	Reflex			-48.2	205.2			57177	☑	
288	Reflex			-48.2	205.3			57176	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
291	Reflex			-48.2	205.3			57186	☑	
294	Reflex			-48.2	205.1			57227	☑	
297	Reflex			-48.1	205			57166	☑	
300	Reflex			-48.2	206			57155	☑	
303	Reflex			-48.2	204.7			57134	☑	
306	Reflex			-48.2	205.2			57206	☑	
309	Reflex			-48.1	205.1			57170	☑	
312	Reflex			-48.1	205.1			57167	☑	
315	Reflex			-48.1	205.2			57185	☑	
318	Reflex			-48.1	205.2			57190	☑	
321	Reflex			-48.1	204.9			57182	☑	
324	Reflex			-48.1	204.7			57208	☑	
327	Reflex			-48.1	204.8			57232	☑	
330	Reflex			-48.1	204.8			57212	☑	
333	Reflex			-48.1	204.5			57219	☑	
336	Reflex			-48.1	204.7			57204	☑	
339	Reflex			-48.1	204.9			57186	☑	
342	Reflex			-48.1	204.7			57353	☑	
345	Reflex			-48.1	205.5			57397	☑	
348	Reflex			-48.3	205.2			57184	☑	
351	Reflex			-48.2	205.5			57558	☑	
354	Reflex			-48.2	204.9			57208	☑	
357	Reflex			-48.2	204.9			57194	☑	
360	Reflex			-48.3	205.4			57587	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
363	Reflex			-48.3	204.2			57236	☑	
366	Reflex			-48.3	203.4			57223	☑	
369	Reflex			-48.2	204.1			57180	☑	
375	Reflex			-48.2	205.4			57218	☑	
378	Reflex			-48.2	204.7			57176	☑	
381	Reflex			-48.2	204.1			57140	☑	
384	Reflex			-48.2	204			57144	☑	
387	Reflex			-48.2	203.6			57327	☑	
390	Reflex			-48.2	204			57374	☑	
393	Reflex			-48.2	204			57236	☑	
396	Reflex			-48.2	204.3			57299	☑	
399	Reflex			-48.2	204			57175	☑	
402	Reflex			-48.2	203.6			57184	☑	
405	Reflex			-48.2	203.6			57199	☑	
408	Reflex			-48.2	203.4			57212	☑	
411	Reflex			-48.3	203.5			57214	☑	
414	Reflex			-48.2	203.5			57229	☑	
417	Reflex			-48.3	203.5			57231	☑	
420	Reflex			-48.2	203.5			57232	☑	
423	Reflex			-48.3	203.5			57226	☑	
429	Reflex			-48.3	203.4			57230	☑	
432	Reflex			-48.3	203.2			57232	☑	
435	Reflex			-48.3	203.2			57267	☑	
438	Reflex			-48.4	202.9			57291	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
441	Reflex			-48.4	203.1			57329	☑	
444	Reflex			-48.4	203.1			57194	☑	
447	Reflex			-48.3	203.2			57221	☑	
450	Reflex			-48.3	202.9			57184	☑	
453	Reflex			-48.3	203.1			57195	☑	
456	Reflex			-48.2	203			57205	☑	
459	Reflex			-48.2	203			57219	☑	
462	Reflex			-48.2	203			57215	☑	
465	Reflex			-48.2	202.9			57222	☑	
468	Reflex			-48.2	202.7			57220	☑	
471	Reflex			-48.1	202.9			57208	☑	
474	Reflex			-48.1	203			57214	☑	
477	Reflex			-48.1	202.9			57195	☑	
480	Reflex			-48.1	202.9			57203	☑	
483	Reflex			-48.1	203			57209	☑	
486	Reflex			-48.2	203			57224	☑	
489	Reflex			-48.1	202.9			57201	☑	
492	Reflex			-48.1	203			57201	☑	
495	Reflex			-48.1	203			57204	☑	
498	Reflex			-48.2	203.1			57214	☑	
501	Reflex			-48.1	203.1			57206	☑	
504	Reflex			-48.2	203.1			57211	☑	
507	Reflex			-48.1	203			57211	☑	
510	Reflex			-48.2	203			57207	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
513	Reflex			-48.2	203			57223	☑	
516	Reflex			-48.2	203			57208	☑	
519	Reflex			-48.1	203.1			57213	☑	
522	Reflex			-47.8	202.9			57220	☑	
525	Reflex			-48.1	203			57229	☑	
528	Reflex			-48.1	203			57209	☑	
531	Reflex			-48.1	203.1			57205	☑	
534	Reflex			-48.1	203.1			57212	☑	
537	Reflex			-48.1	203			57212	☑	
540	Reflex			-48.1	203.2			57225	☑	
543	Reflex			-48.1	203.1			57206	☑	
546	Reflex			-48.1	203			57217	☑	
549	Reflex			-48.1	203.1			57223	☑	
552	Reflex			-48.1	203.1			57216	☑	
555	Reflex			-48.1	203.1			57216	☑	
558	Reflex			-48.1	203.1			57198	☑	
561	Reflex			-48.1	203.1			57206	☑	
564	Reflex			-48.1	203.3			57224	☑	
567	Reflex			-48.1	203.1			57222	☑	
570	Reflex			-48.1	203.1			57178	☑	
573	Reflex			-48.1	203			57235	☑	
576	Reflex			-48.3	202.4			57239	☑	
579	Reflex			-48.2	202.1			57273	☑	
582	Reflex			-48.2	202.3			57252	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
585	Reflex			-48.2	202.4			57208	☑	
588	Reflex			-48.3	202.1			57228	☑	
591	Reflex			-48.3	202.3			57218	☑	

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.80**	**OB**	**Overburden**										
2.80	**3.42**	**E1**	**mafic volcanics**	**GS1**									
Dark green massive fine grained mafic volcanic. Fine disseminated pyrite mineralization throughout.													
3.42	**6.60**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.													
6.60	**7.15**	**I2**	**Intermediate intrusive**	**GS2**									
Medium grained dark gren and dull orange intermediate intrusion. Mineral assemblage is dominated by quartz, chlorite, feldspar, kspar or potassic/hematite stained feldspars.													
7.15	**9.05**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.													
9.05	**9.80**	**E2**	**Intermediate**	**GS2**									
Dark grey-green volcanic													
9.80	**11.87**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.													
11.87	**12.21**	**I1**	**Mafic intrusive**	**GS2**									
Dark green MFI with medium grained weakly aligned chlorite crystals.													
12.21	**12.55**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.													
12.55	**14.42**	**E1**	**mafic volcanics**	**GS1**									
Fine grained dark grey mafic volcanic.													
14.42	**19.10**	**E2**	**Intermediate**	**GS1**									
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.													
19.10	**21.30**	**I2**	**Intermediate intrusive**	**GS1**									
Medium grey intermediate intrusion, groundmass is quartz rich, larger more distinct chlorite crystals. Not crystaline. <<Struc: 21 - 31: weak Foliation>>													

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From (m)	To (m)		Rock Type & Description	
21.30	**30.57**	**E2**	**Intermediate**	**GS1**
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich. <<Vein: 22.9 - 23: Quartz vein contain >90% quartz>> Vitreous light grey qv				
30.57	**31.13**	**I1**	**Mafic intrusive**	**GS1**
Fine grained dark green mafic intrusion.				
31.13	**31.72**	**E2**	**Intermediate**	**GS1**
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.				
31.72	**32.28**	**I2**	**Intermediate intrusive**	**GS1**
Dark and orange intermediate intrusion, pervasive potassic alteration throughout.				
32.28	**32.36**	**E2**	**Intermediate**	**GS1**
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.				
32.36	**32.66**	**I1**	**Mafic intrusive**	**GS1**
Dark green fine grained mafic intrusion.				
32.66	**33.15**	**E2**	**Intermediate**	**GS1**
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.				
33.15	**33.90**	**I1**	**Mafic intrusive**	**GS2**
Dark green mafic intrusion, medium grained, chlorite rich alteration lens?				
33.90	**34.15**	**E2**	**Intermediate**	**GS1**
Grey intermediate volcanic. Pinched bands of siliceous rich parts, sporadic dark green pinched and elongated clasts oriented with with foliation. Fracture proximal potassic alteration. Groundmass is quartz rich.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
22.00	22.75	0.75	338307	0.0025				
22.75	23.25	0.50	338308	0.0025				
23.25	24.00	0.75	338309	0.0025				
24.00	25.00	1.00	338310	0.022				
25.00	26.00	1.00	338311	0.052				
26.00	27.00	1.00	338312	0.0025				

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
34.15	**34.65**	**I2**	**Intermediate intrusive**	**GS2**									
Dark green medium grained intermediate intrusion with weak background potassic alteration.													
<<Alt: 34.5 - 45.5: strong K-feldspar>>													
34.65	**43.45**	**I2**	**Intermediate intrusive**	**GS1**									
Dark grey and orange intermediate intrusion. Groundmass is fine quartz and chlorite. Pervasive potassic alteration throughout, more evident in more felsic parts of interval. Medium grained subhedral feldspar crystals throughout.													
43.45	**66.16**	**E2**	**Intermediate**	**GS1**	48.00	48.75	0.75	338313	0.0025				
Light grey intermediate volcanic with some light orange parts. Pinched and deformed chlorite clasts throughout interval, subhedral medium grained beige feldspar crystals. Fracture related epidote alteration.													
<<Alt: 45.5 - 46.15: strong Epidote / strong K-feldspar>> Ser/ep brecciating rock					48.75	49.25	0.50	338314	0.0025				
<<Alt: 46.15 - 47.5: strong K-feldspar>>					49.25	50.00	0.75	338315	0.0025				
<<Alt: 54 - 62: moderate Epidote / moderate K-feldspar>>					56.00	57.00	1.00	338317	0.0025				
<<Vein: 48.9 - 49.2: Quartz vein contain >90% quartz>> Vitreous light grey qv stw ~30% of interval					57.00	58.00	1.00	338318	0.013				
<<Vein: 57.6 - 57.8: Carbonate vein contain 0-10% quartz>> Light grey carb stw, ~10% of interval					58.00	59.00	1.00	338319	0.0025				
<<Struc: 55 - 66: weak Foliation>>													
66.16	**67.92**	**E1**	**mafic volcanics**	**GS1**									
Dark green-grey mafic volcanic interval. Weak foliation, massive, relatively unaltered and featureless. Patchy phases of weak fine disseminated pyrite mineralization.													
67.92	**68.51**	**I3A**	**Granite**	**GS2**									
Dark and light orange granitoid intrusion.													
68.51	**69.23**	**E1**	**mafic volcanics**	**GS1**									
Dark green-grey mafic volcanic interval. Weak foliation, massive, relatively unaltered and featureless. Patchy phases of weak fine disseminated pyrite mineralization.													
69.23	**69.55**	**I3A**	**Granite**	**GS2**									
Dark and light orange granitoid intrusion.													
69.55	**70.35**	**E1**	**mafic volcanics**	**GS1**									
Dark green-grey mafic volcanic interval. Weak foliation, massive, relatively unaltered and featureless. Patchy phases of weak fine disseminated pyrite mineralization.													
70.35	**70.60**	**I3S**	**Feldspar porphyry**										
Light orange intrusion with pegmatitic crystals, some appear welded together and its borders are obscured.													

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
70.60	**70.73**	**E1 mafic volcanics**	**GS1**									
Dark green-grey mafic volcanic interval. Weak foliation, massive, relatively unaltered and featureless. Patchy phases of weak fine disseminated pyrite mineralization.												
70.73	**73.50**	**I3A Granite**	**GS2**									
Light orange granitoid intrusion, weak fine grained pyrite mineralization.												
73.50	**82.37**	**E1 mafic volcanics**	**GS1**	79.25	80.25	1.00	338320	0.0025				
Dark green-grey mafic volcanic interval. Weak foliation, massive, relatively unaltered and featureless. Patchy phases of weak fine disseminated pyrite mineralization.												
<<Vein: 75.65 - 75.68: Quartz vein contain >90% quartz>> Light grey irregular vein				80.25	81.25	1.00	338321	0.23				
<<Vein: 81.4 - 81.42: Quartz vein contain >90% quartz>> Light grey qv with trace py				81.25	81.75	0.50	338322	0.0025				
				81.75	82.75	1.00	338323	0.0025				
82.37	**84.05**	**I2 Intermediate intrusive**	**GS2**									
Medium grey medium grained intermediate intrusion. Lower contact has light grey components replaced by light orange from potassic alteration. Massive, undeformed,												
84.05	**85.34**	**I3A Granite**	**GS2**									
Light orange and grey granitoid intrusion. Some subhedral obscured pegmatitic crystals, largely medium grained.												
85.34	**90.90**	**I2 Intermediate intrusive**	**GS2**									
Medium grey medium grained intermediate intrusion. Lower contact has light grey components replaced by light orange from potassic alteration. Massive, undeformed,												
<<Alt: 90 - 92: moderate Epidote>>												
				90.00	90.75	0.75	338324	0.0025				
				90.75	91.25	0.50	338325	0.0025				
90.90	**93.60**	**I3A Granite**	**GS2**	91.25	92.00	0.75	338326	0.009				
Light orange and grey granitoid intrusion. Some subhedral obscured pegmatitic crystals, largely medium grained. Fracture related ep alteration.												
<<Vein: 90.98 - 91.021: Quartz vein contain >90% quartz>> Light grey qv, ser/ep alt fractures running through												
<<Vein: 91.15 - 91.17: Quartz vein contain >90% quartz>> Irregular light grey qv												
93.60	**97.10**	**I2 Intermediate intrusive**	**GS2**									
Medium grey medium grained intermediate intrusion. Lower contact has light grey components replaced by light orange from potassic alteration. Massive, undeformed,												

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From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
97.10	**103.60**	**I2A Diorite**	**GS2**									
Dark green and medium grey medium grained massive diorite. Weak foliation shown by weakly aligned chlorite crystals. Mineral assemblage is dominated by chlorite, biotite, and quartz. ~50% quartz.				103.00	104.00	1.00	338327	0.0025				
103.60	**103.97**	**I3A Granite**	**GS2**									
Light orange granitoid intrusion with dark chlorite parts				104.00	104.50	0.50	338328	0.0025				
103.97	**104.44**	**I2A Diorite**	**GS2**									
Dark green and medium grey medium grained massive diorite. Weak foliation shown by weakly aligned chlorite crystals. Mineral assemblage is dominated by chlorite, biotite, and quartz. ~50% quartz.												
<<Struc: 104.1 - 104.15: moderate Fault>> Small rubble zone with dark fault gouge												
104.44	**114.50**	**E2 Intermediate**	**GS2**	104.50	105.50	1.00	338329	0.0025				
Medium grained intermediate volcanic. Subhedral light felsic crystals throughout. Small lenses of stronger chlorite alteration. Contact with lower MFV is difficult to discern, non distinct. ~1m of potassic and epiodte alteration associated with lower RQD.												
<<Alt: 110.8 - 111.5: moderate K-feldspar>>												
<<Alt: 111.5 - 113: moderate Epidote / moderate K-feldspar>>												
114.50	**129.78**	**E1 mafic volcanics**	**GS1**	125.00	126.00	1.00	338330	0.014				
Dark grey fine grained mafic volcanic. Largely featureless, some lenses with stronger chlorite alteration and granular fine to medium feldspar phenocrysts/crystals												
<<Min: 126.3 - 126.35: 40% pyrite>>				126.00	126.50	0.50	338331	0.017				
				126.50	127.50	1.00	338332	0.057				
129.78	**132.41**	**I3C Granodiorite**	**GS2**									
Light-medium grey and light orange granitoid intrusion. Feldspar crystals are subhedral, quartz is mostly amorphous and interstitial as part of the groundmass, fine chlorite and fine disseminated pyrite throughout. Fracture related and weak pervasive pota												
132.41	**132.68**	**E2 Intermediate**	**GS1**									
Small lens of ITV, host of GRD												
132.68	**132.98**	**I3C Granodiorite**	**GS2**									
Light-medium grey and light orange granitoid intrusion. Feldspar crystals are subhedral, quartz is mostly amorphous and interstitial as part of the groundmass, fine chlorite and fine disseminated pyrite throughout. Fracture related and weak pervasive pota												
132.98	**134.22**	**E2 Intermediate**	**GS1**									
Small lens of ITV, host of GRD												

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From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 134 - 142: moderate Epidote>>													
134.22	**134.83**	**I1**	**Mafic intrusive**	**GS1**									
Likely chlorite altered ITV with distinct boundaries.													
134.83	**136.37**	**I3C**	**Granodiorite**	**GS2**	135.00	136.00	1.00	338333	0.0025				
Light-medium grey and light orange granitoid intrusion. Feldspar crystals are subhedral, quartz is mostly amorphous and interstitial as part of the groundmass, fine chlorite and fine disseminated pyrite throughout. Fracture related and weak pervasive pota					136.00	137.00	1.00	338334	0.009				
136.37	**145.00**	**E2**	**Intermediate**	**GS1**									
Light to dark grey intermediate volcanic. Orange parts from potassic alteration associated with fracturing. Fine grained, homogeneous, massive (excluding local alteration). Some thin potassium rich granitoid veins. Lower contact with MFV is non distinct,					137.00	138.00	1.00	338335	0.0025				
145.00	**146.66**	**I3C**	**Granodiorite**	**GS2**									
Light grey and light orange granitoid intrusion. Potassic staining associated with fracturing, pervasive alt bleeding from fractures.													
<<Alt: 146.6 - 146.66: intense Carbonate>>													
146.66	**148.55**	**E2**	**Intermediate**	**GS1**									
Light to dark grey intermediate volcanic. Orange parts from potassic alteration associated with fracturing. Fine grained, homogeneous, massive (excluding local alteration). Some thin potassium rich granitoid veins. Lower contact with MFV is non distinct,													
148.55	**149.23**	**I3C**	**Granodiorite**	**GS2**	149.00	149.75	0.75	338337	0.0025				
Light grey and light orange granitoid intrusion. Potassic staining associated with fracturing, pervasive alt bleeding from fractures.													
149.23	**149.95**	**E2**	**Intermediate**	**GS1**									
Light to dark grey intermediate volcanic. Orange parts from potassic alteration associated with fracturing. Fine grained, homogeneous, massive (excluding local alteration). Some thin potassium rich granitoid veins. Lower contact with MFV is non distinct,					149.75	150.25	0.50	338338	0.0025				
149.95	**150.21**	**I3C**	**Granodiorite**	**GS2**									
Altered granitoid intrusion.													
<<Alt: 149.98 - 150.12: complete Epidote>>													

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
150.21	**150.65**	**E2**	**Intermediate**	**GS1**	150.25	151.00	0.75	338339	0.0025				
Light to dark grey intermediate volcanic. Orange parts from potassic alteration associated with fracturing. Fine grained, homogeneous, massive (excluding local alteration). Some thin potassium rich granitoid veins. Lower contact with MFV is non distinct,													
150.65	**150.93**	**I1**	**Mafic intrusive**	**GS1**									
Dark green mafic intrusion, groundmass is fine grained, some larger medium grained slightly deformed chlorite crystals.													
150.93	**152.00**	**E2**	**Intermediate**	**GS1**									
Light to dark grey intermediate volcanic. Orange parts from potassic alteration associated with fracturing. Fine grained, homogeneous, massive (excluding local alteration). Some thin potassium rich granitoid veins. Lower contact with MFV is non distinct,													
152.00	**162.14**	**E1**	**mafic volcanics**	**GS1**	160.00	161.00	1.00	338340	0.0025				
Dark grey-green mafic volcanic. Largely featureless, small patches of weakly disseminated pyrite mineralization. Weak fracture related ser/ep alteration.													
<<Min: 160.6 - 165: 2% pyrite>>					161.00	162.00	1.00	338341	0.0025				
<<Vein: 161 - 161.01: Quartz vein contain >90% quartz>> Thin low angle wiggling qv, unclear if pyrite is from host rock or qv, likely host rock					162.00	163.00	1.00	338342	0.0025				
162.14	**162.68**	**I1**	**Mafic intrusive**	**GS2**									
Medium to dark green mafic intrusion. Fine epidote disseminated throughout, quartz mixed with chlorite in groundmass.													
162.68	**176.00**	**E1**	**mafic volcanics**	**GS1**									
Dark grey-green mafic volcanic. Largely featureless, small patches of weakly disseminated pyrite mineralization. Weak fracture related ser/ep alteration.													
<<Min: 169.25 - 172.25: 2% pyrite>>													
<<Vein: 169.1 - 169.11: Quartz vein contain >90% quartz>> light grey qv													
					163.00	164.00	1.00	338343	0.0025				
					164.00	165.00	1.00	338344	0.0025				
					168.00	169.00	1.00	338345	0.0025				
					169.00	170.00	1.00	338346	0.0025				
					170.00	171.00	1.00	338347	0.0025				
176.00	**176.74**	**E2**	**Intermediate**	**GS2**									
Medium grey volcanic, fine to medium grained euhedral cream coloured feldspar crystals making up ~5% of interval.													
176.74	**177.37**	**I1**	**Mafic intrusive**	**GS1**									
Dark green fine grained mafic intrusion or super distinct and altered chlorite lens.													

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description	
177.37	**179.26**	**E1**	**mafic volcanics**	**GS1**
Dark grey-green mafic volcanic. Largely featureless, small patches of weakly disseminated pyrite mineralization. Weak fracture related ser/ep alteration.				
179.26	**184.17**	**I2**	**Intermediate intrusive**	**GS2**
Medium grey intermediate intrusion, fine to medium grained subhedral phenocrysts through making up ~30% of interval. Texuture slightly obscured by weak siliceous flooding and disseminated fine grained epidote alt. Fracture related potassic alteration.				
184.17	**185.40**	**E2**	**Intermediate**	**GS1**
Light grey intermediate volcanic interval. Fine to medium grained euhedral to subhedral quartz(?) crystals throughout. Fracture related ser/ep infill alteration. Weak patchy pervasive potassic alteration.				
185.40	**187.10**	**E2**	**Intermediate**	**GS1**
Medium grey interval, fine grained ground mass, medium grained subhedral off white crystlas making up ~10% of interval. Potassic staining in lower half of interval.				
187.10	**194.78**	**E2**	**Intermediate**	**GS1**
Light grey intermediate volcanic interval. Fine to medium grained euhedral to subhedral quartz(?) crystals throughout. Fracture related ser/ep infill alteration. Weak patchy pervasive potassic alteration.				
<<Vein: 192.65 - 192.67: Quartz vein contain >90% quartz>> white opaque qv, irregular				
<<Struc: 190.95 - 191.15: weak Breccia>> Small rubble zone associated with hydrothermal breccia				
194.78	**195.65**	**I3C**	**Granodiorite**	**GS1**
Beige and light orange felsic intrusion. Fine disseminated py mineralization throughout. Crystals appear reworked and texture has been altered.				
195.65	**205.32**	**E2**	**Intermediate**	**GS1**
Light grey intermediate volcanic interval. Fine to medium grained euhedral to subhedral quartz(?) crystals throughout. Fracture related ser/ep infill alteration. Weak patchy pervasive potassic alteration.				
205.32	**205.70**	**I3A**	**Granite**	**GS2**
Granitoid intrusion with potassic staining. Slightly obscured by fine disseminated epidote alteration.				
205.70	**205.90**	**E2**	**Intermediate**	**GS1**
Light grey intermediate volcanic interval. Fine to medium grained euhedral to subhedral quartz(?) crystals throughout. Fracture related ser/ep infill alteration. Weak patchy pervasive potassic alteration.				
205.90	**206.13**	**I2**	**Intermediate intrusive**	**GS2**
Intermediate intrusion with potassic staining. Fine to medium subhedral felsic crystals, qtz/felds?				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
190.00	191.00	1.00	338348	0.0025				
191.00	192.00	1.00	338349	0.0025				
192.00	193.00	1.00	338350	0.0025				
193.00	194.00	1.00	338351	0.0025				

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
206.13	**206.75**	**E2**	**Intermediate**	**GS1**									
Light grey intermediate volcanic interval. Fine to medium grained euhedral to subhedral quartz(?) crystals throughout. Fracture related ser/ep infill alteration. Weak patchy pervasive potassic alteration.													
206.75	**211.70**	**I3C**	**Granodiorite**	**GS2**									
Light grey and orange granodiorite/tonaline with potassic staining associated with fractures. Fine disseminated epidote throughout. Massive, medium grained.													
211.70	**216.07**	**E2**	**Intermediate**	**GS1**									
Grey with dull green intermediate volcanic. Fine hairline fracturing with ser/ep alteration infill, weak pervasive potassic staining. Medium grained deformed chlorite crystals throughout. Small patches with stronger pervasive disseminated chlorite alterat													
216.07	**216.52**	**I3A**	**Granite**	**GS2**									
Light orange and grey granitoid intrusion with potassic staining.													
216.52	**224.97**	**E2**	**Intermediate**	**GS1**									
Grey with dull green intermediate volcanic. Fine hairline fracturing with ser/ep alteration infill, weak pervasive potassic staining. Medium grained deformed chlorite crystals throughout. Small patches with stronger pervasive disseminated chlorite alterat													
224.97	**226.30**	**I2H**	**Syenite**	**GS2**									
Orange red kspar rich granitoid intrusion.													
226.30	**229.88**	**E2**	**Intermediate**	**GS1**									
Grey with dull green intermediate volcanic. Fine hairline fracturing with ser/ep alteration infill, weak pervasive potassic staining. Medium grained deformed chlorite crystals throughout. Small patches with stronger pervasive disseminated chlorite alterat													
229.88	**230.46**	**I2**	**Intermediate intrusive**	**GS2**									
Intermediate intrusion with potassic staining. Fine to medium subhedral felsic crystals, qtz/felds?													
230.46	**231.78**	**E2**	**Intermediate**	**GS1**	231.00	232.00	1.00	338352	0.0025				
Grey with dull green intermediate volcanic. Fine hairline fracturing with ser/ep alteration infill, weak pervasive potassic staining. Medium grained deformed chlorite crystals throughout. Small patches with stronger pervasive disseminated chlorite alterat													
231.78	**234.46**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey and orange intermediate intrusion. Pervasive potassive staining associated and transported by fractures and epidote alteration. Fine to medium grained euhderal equant light felsic crystals. Groundmass has granular texture.													
<<Vein: 232.8 - 233.1: Carbonate vein contain 0-10% quartz>> ~10% carb					232.00	233.00	1.00	338353	0.0025				

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				233.00	234.00	1.00	338354	0.0025				
234.46	**236.15**	**E2 Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining, darker less siliceous intervals with more chlorite. Darker intervals could be labelled as MFV b												
236.15	**237.05**	**I2 Intermediate intrusive**	**GS2**									
Intermediate intrusion with potassic staining. Fine to medium subhedral felsic crystals, qtz/felds?												
237.05	**237.83**	**E2 Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining, darker less siliceous intervals with more chlorite. Darker intervals could be labelled as MFV b												
237.83	**239.06**	**I2 Intermediate intrusive**	**GS2**									
Intermediate intrusion with potassic staining. Fine to medium subhedral felsic crystals, qtz/felds?												
239.06	**243.27**	**E2 Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining, darker less siliceous intervals with more chlorite. Darker intervals could be labelled as MFV b												
243.27	**243.65**	**I1 Mafic intrusive**	**GS1**									
Appears to be an MFV but has a distinct lower contact, crosscutting chlorite alteration front?												
243.65	**245.90**	**E2 Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining, darker less siliceous intervals with more chlorite. Darker intervals could be labelled as MFV b												
<<Alt: 245 - 250: strong Epidote>>												
245.90	**247.17**	**I1 Mafic intrusive**	**GS1**									
Appears to be an MFV but has a distinct upper contact, crosscutting chlorite alteration front?												
247.17	**256.80**	**E2 Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining, darker less siliceous intervals with more chlorite. Darker intervals could be labelled as MFV b												
256.80	**258.30**	**E1 mafic volcanics**	**GS1**									
No distinct contact, darker, less siliceous interval with more chlorite.												

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
258.30	**258.67**	**E2**	**Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining, darker less siliceous intervals with more chlorite. Darker intervals could be labelled as MFV b													
258.67	**265.90**	**I2**	**Intermediate intrusive**	**GS2**									
Medium grey intermediate intrusion, fine to medium grained euhedral white-beige feldspar crystals throughout making up 5-10% of interval. Fine biotite mixed with amorphous quartz making up the groundmass. Fracture related epidote and pervasive potassic st													
265.90	**266.29**	**I2H**	**Syenite**	**GS2**									
Irregular wavy upper and lower contacts, crystaline, appears to have slight hematite staining as well.													
266.29	**267.82**	**I2**	**Intermediate intrusive**	**GS2**	267.00	267.75	0.75	338355	0.0025				
Medium grey intermediate intrusion, fine to medium grained euhedral white-beige feldspar crystals throughout making up 5-10% of interval. Fine biotite mixed with amorphous quartz making up the groundmass. Fracture related epidote and pervasive potassic st													
					267.75	268.25	0.50	338357	0.0025				
267.82	**268.20**	**I2H**	**Syenite**	**GS0**									
Aphanitic or completed replaced/reworked granitoid intrusion with strong potassic alteration. Difficult to say if it is primary or secondary.													
268.20	**268.99**	**I2**	**Intermediate intrusive**	**GS2**	268.25	269.00	0.75	338358	0.0025				
Medium grey intermediate intrusion, fine to medium grained euhedral white-beige feldspar crystals throughout making up 5-10% of interval. Fine biotite mixed with amorphous quartz making up the groundmass. Fracture related epidote and pervasive potassic st													
268.99	**269.55**	**I2H**	**Syenite**	**GS2**									
Fracture related hematite staining.													
269.55	**271.34**	**I2**	**Intermediate intrusive**	**GS2**									
Medium grey intermediate intrusion, fine to medium grained euhedral white-beige feldspar crystals throughout making up 5-10% of interval. Fine biotite mixed with amorphous quartz making up the groundmass. Fracture related epidote and pervasive potassic st													
271.34	**274.00**	**E1**	**mafic volcanics**	**GS1**									
Dark grey-green mafic volcanic interval. Small pulses of medium grey ITV intervals/minor lithos within MFV. Difficult to always find a contact, slight changes in colour, chlorite content, and fine to medium grained felsic minerals (or at least they are mo													

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
274.00	**277.15**	**E2 Intermediate GS1** Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining. Patchy intervals with medium grained subhedral-euhedral feldspar crystals throughout. Little t <<Vein: 276.23 - 276.25: Quartz vein contain >90% quartz>> White qv with hairline ep alt									
277.15	**278.15**	**E1 mafic volcanics GS1** Dark grey-green mafic volcanic interval. Small pulses of medium grey ITV intervals/minor lithos within MFV. Difficult to always find a contact, slight changes in colour, chlorite content, and fine to medium grained felsic minerals (or at least they are mo									
278.15	**279.90**	**E2 Intermediate GS1** Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining. Patchy intervals with medium grained subhedral-euhedral feldspar crystals throughout. Little t									
279.90	**280.26**	**I2 Intermediate intrusive GS2** Medium grey intermediate intrusion, fine to medium grained euhedral white-beige feldspar crystals throughout making up 5-10% of interval. Fine biotite mixed with amorphous quartz making up the groundmass. Fracture related epidote and pervasive potassic st									
280.26	**281.16**	**E2 Intermediate GS1** Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining. Patchy intervals with medium grained subhedral-euhedral feldspar crystals throughout. Little t									
281.16	**285.26**	**E1 mafic volcanics GS1** Dark grey-green mafic volcanic interval. Small pulses of medium grey ITV intervals/minor lithos within MFV. Difficult to always find a contact, slight changes in colour, chlorite content, and fine to medium grained felsic minerals (or at least they are mo									
285.26	**287.11**	**E2 Intermediate GS1** Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining. Patchy intervals with medium grained subhedral-euhedral feldspar crystals throughout. Little t									
287.11	**292.40**	**E1 mafic volcanics GS1** Dark grey-green mafic volcanic interval. Small pulses of medium grey ITV intervals/minor lithos within MFV. Difficult to always find a contact, slight changes in colour, chlorite content, and fine to medium grained felsic minerals (or at least they are mo									

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
292.40	**293.75**	**E2 Intermediate**	**GS1**									
Medium grey to grey-green fine grained intermediate volcanic. Interval is heterogeneous; variable ser/ep fracture alteration, weak pervasive potassic staining. Patchy intervals with medium grained subhedral-euhedral feldspar crystals throughout. Little t												
				293.00	294.00	1.00	338359	0.0025				
293.75	**298.66**	**E1 mafic volcanics**	**GS1**	294.00	295.00	1.00	338360	0.0025				
Dark grey-green mafic volcanic interval. Small pulses of medium grey ITV intervals/minor lithos within MFV. Difficult to always find a contact, slight changes in colour, chlorite content, and fine to medium grained felsic minerals (or at least they are mo												
<<Vein: 295.78 - 295.8: Quartz vein contain >90% quartz>> White qv with hairline ep alt				295.00	296.00	1.00	338361	0.0025				
				296.00	297.00	1.00	338362	0.0025				
298.66	**305.47**	**I3A Granite**	**GS1**									
Medium grained massive granitoid intrusion. Potassic and hematite staining throughout. Hairline fracture related epidote alteration. No structure, featureless.												
305.47	**310.57**	**E2 Intermediate**	**GS2**									
Medium to dark grey-green intermediate volcanic. Fine to medium grained white-beige-light orange subhedral feldspar/felsic crystals throughout. Lighter parts in interval are not always more felsic, the quartz is simply lighter in colour. Fracture related												
310.57	**310.87**	**I3A Granite**	**GS2**									
Hematite staining, thin hairline fracture epidote alteration												
<<Vein: 310.7 - 310.75: Quartz vein contain >90% quartz>> White opaque qv												
310.87	**330.88**	**E2 Intermediate**	**GS2**									
Medium to dark grey-green intermediate volcanic. Fine to medium grained white-beige-light orange subhedral feldspar/felsic crystals throughout. Lighter parts in interval are not always more felsic, the quartz is simply lighter in colour. Fracture related												
330.88	**331.83**	**I2 Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to												
331.83	**332.23**	**E2 Intermediate**	**GS1**									
As surrounding ITV, but with more fine grained epidote alteration.												

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
332.23	**336.15**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													
336.15	**337.60**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV.													
337.60	**338.85**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													
338.85	**339.44**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV.													
339.44	**339.68**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													
339.68	**340.95**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV.													
340.95	**341.70**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													
341.70	**342.60**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV.													
342.60	**345.38**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													
345.38	**347.21**	**I3C**	**Granodiorite**	**GS2**									
Potassic staining radiating outward from from epidote fractures.													
347.21	**347.49**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
347.49	**349.25**	**E2**	**Intermediate**	**GS1**									
As surrounding ITV.													
349.25	**350.29**	**I2**	**Intermediate intrusive**	**GS2**									
Light to dark grey intermediate intrusion. Fine to medium grained euhedral-subhedral white feldspar crystals throughout making up ~10% of the interval. Groundmass is amorphous grey quartz with fine grained chlorite. Pervasive potassic staining related to													
350.29	**354.89**	**E1**	**mafic volcanics**	**GS1**	353.50	354.50	1.00	338363	0.0025				
Dark grey-green mafic volcanic interval. Mineral assemblage is dominated fine grained quartz and chlorite. Weak fracture ser/ep infill alteration.													
					354.50	355.00	0.50	338364	0.0025				
354.89	**355.29**	**I2**	**Intermediate intrusive**	**GS2**	355.00	356.00	1.00	338365	0.0025				
As above ITI													
355.29	**356.79**	**E1**	**mafic volcanics**	**GS1**									
Dark grey-green mafic volcanic interval. Mineral assemblage is dominated fine grained quartz and chlorite. Weak fracture ser/ep infill alteration.													
356.79	**358.65**	**I2**	**Intermediate intrusive**	**GS2**									
As above ITI, weakly foliated.													
358.65	**368.01**	**E1**	**mafic volcanics**	**GS1**									
Dark grey-green mafic volcanic interval. Mineral assemblage is dominated fine grained quartz and chlorite. Weak fracture ser/ep infill alteration.													
368.01	**370.54**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.													
370.54	**370.80**	**E1**	**mafic volcanics**	**GS1**									
Dark grey-green MFV lens within ITI													
370.80	**374.50**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts. <<Alt: 371.5 - 417: moderate Epidote>>													
374.50	**375.13**	**E2**	**Intermediate**	**GS1**									
Likely same as above MFV lens, lighter													

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
375.13	**377.71**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
377.71	**378.28**	**E1** **mafic volcanics**	**GS1**									
Dark green MFV lens												
378.28	**379.41**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
379.41	**381.15**	**E2** **Intermediate**	**GS1**									
Lens of ITV ith subhedral felsic phenocrysts, irregular lower contact												
381.15	**390.50**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
				389.00	390.00	1.00	338366	0.0025				
				390.00	390.50	0.50	338367	0.0025				
390.50	**392.40**	**I3A** **Granite**	**GS2**	390.50	391.50	1.00	338368	0.0025				
Red and orange granitic intrusion, dark red hematite staining in fractures. Irregular contact.												
				391.50	392.50	1.00	338369	0.0025				
392.40	**395.92**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
395.92	**396.28**	**I1** **Mafic intrusive**	**GS1**									
Dark dull green mafic intrusion. Undeformed, hairline epidote alteration.												
396.28	**396.50**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
396.50	**396.80**	**I3A** **Granite**	**GS2**									
Red and orange granitic intrusion, dark red hematite staining in fractures. Irregular contact.												
396.80	**398.35**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
398.35	**398.60**	**I3A** **Granite**	**GS2**									
Red and orange granitic intrusion, dark red hematite staining in fractures. Irregular contact.												
398.60	**399.90**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
399.90	**400.32**	**I3A** **Granite**	**GS2**									
Red and orange granitic intrusion, dark red hematite staining in fractures. Irregular contact.												
400.32	**409.90**	**I2** **Intermediate intrusive**	**GS2**									
Light grey intermediate intrusion. Light orange parts with weak pervasive potassic staining proximal to hairline fracutre with light green epidote alteration. Weakly foliated in parts, groundmass appears finer, subhedral felsic phenocrysts.												
409.90	**412.15**	**I3A** **Granite**	**GS2**									
Medium grained granitic intrusion, lower part of interval has strong fracture related epitodate alteration and siliceous flooding or additional secondary potassic alteration.												
412.15	**412.82**	**E2** **Intermediate**										
Dark green-grey intermediate volcanic, strong hairline fracturing with light green ser/ep alteration. Small lens between intrusions.												
412.82	**416.98**	**I3S** **Feldspar porphyry**	**GS2**									
FPO with light orange subedral-euhedral felspar phenocrysts. Groundmass is medium grey, fine, quartz rich. Fine dull green hairline ser/ep alteration.												
416.98	**419.70**	**E2** **Intermediate**	**GS1**									
As other ITV.												
419.70	**420.50**	**I3A** **Granite**	**GS2**									
Granitoid intrusion with porphyritic and medium equigranular texture, rubbled and difficult to make out if there is a contact/boundary.												
420.50	**422.75**	**E2** **Intermediate**	**GS1**									
As other ITV.												
422.75	**428.08**	**I2H** **Syenite**	**GS1**									
Red and green fine grained kspar rich granitoid intrusion. Strong disseminated fine grained epidote alteration obscurring interval.												
428.08	**429.70**	**E2** **Intermediate**	**GS1**									
As other ITV's, fine grained tabluar to equant beige feldspar crystals weakly aligned.												

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
429.70	**430.13**	**I3A** **Granite**	**GS2**									
Potassic replacement texture.												
430.13	**431.11**	**E2** **Intermediate**	**GS1**									
As other ITV's, fine grained tabluar to equant beige feldspar crystals weakly aligned.												
431.11	**431.97**	**I3S** **Feldspar porphyry**	**GS2**									
Medium to coarse subhedral feldspar crystals set in fine darker quartz rich groundmass..												
431.97	**432.15**	**E2** **Intermediate**	**GS1**									
As other ITV's, fine grained tabluar to equant beige feldspar crystals weakly aligned.												
432.15	**432.95**	**I3S** **Feldspar porphyry**	**GS2**									
Light orange FPO with 3-6mm subhedral crystals.												
432.95	**434.50**	**E2** **Intermediate**	**GS1**	433.00	434.00	1.00	338370	0.0025				
As other ITV's, fine grained tabluar to equant beige feldspar crystals weakly aligned.												
<<Alt: 433 - 434.6: strong Epidote>>				434.00	434.50	0.50	338371	0.0025				
434.50	**435.60**	**I3A** **Granite**	**GS2**	434.50	435.50	1.00	338372	0.0025				
Dark orange to light orange granitoid intrusion, upper part has stronger hematite/potassic staining.												
435.60	**436.00**	**E2** **Intermediate**	**GS1**									
As other ITV's, fine grained tabluar to equant beige feldspar crystals weakly aligned.												
436.00	**441.40**	**E1** **mafic volcanics**	**GS1**									
Dark grey-green fine grained mafic volcanic interval. Hairlines fractures filled with epidote alteration, small patches of increased disseminated epidote alteration. Some ~1mm chlorite crystals aligned with weak structure.												
<<Alt: 440.65 - 440.95: intense Epidote>>												
441.40	**441.66**	**I3A** **Granite**	**GS2**									
Orange granitoid intrusion.												
441.66	**443.27**	**E1** **mafic volcanics**	**GS1**									
Dark grey-green fine grained mafic volcanic interval. Hairlines fractures filled with epidote alteration, small patches of increased disseminated epidote alteration. Some ~1mm chlorite crystals aligned with weak structure.												
443.27	**443.60**	**I1** **Mafic intrusive**	**GS2**									
Dark green mafic intrusion with equant subhedral 2-3mm chlorite crystals, minor interstitial light orange feldspar and potassic staining.												

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
443.60	**444.15**	**E1 mafic volcanics GS1** Dark grey-green fine grained mafic volcanic interval. Hairlines fractures filled with epidote alteration, small patches of increased disseminated epidote alteration. Some ~1mm chlorite crystals aligned with weak structure.									
444.15	**444.35**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
444.35	**446.50**	**I3A Granite GS2** Light orange intrusion ith pervasive weak potassic staining. Euhedral light feldspar crystals throughout making up 15% of interval.									
446.50	**456.10**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se <<Alt: 452.5 - 453.25: strong Epidote>>									
456.10	**456.77**	**I1 Mafic intrusive GS2** Dark green mafic intrusion with well formed chlorite crystals, potassic staining in groundmass mixed with quartz.									
456.77	**458.45**	**I3A Granite GS2** Slightly obscured interval, amorphous groundmass, euhedral fine to medium light feldspar crystals throughout.									
458.45	**459.39**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se <<Alt: 459 - 465: strong Epidote>>									
459.39	**459.74**	**I3A Granite GS1** Orange altered granitoid intrusion. Some medium grained parts, other more aphanitic, likely the result of potassic replacement.									
459.74	**460.33**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
			460.00	461.00	1.00	338373	0.0025				

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
460.33	**460.58**	**I3S**	**Feldspar porphyry**	**GS2**									
Granitoid intrusion with porphyritic texture.													
460.58	**463.03**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
					461.00	462.00	1.00	338374	0.0025				
					462.00	463.00	1.00	338375	0.0025				
					463.00	464.00	1.00	338377	0.0025				
463.03	**463.58**	**I3A**	**Granite**	**GS1**									
Light orange felsic intrusion. Disseased potassic/hematite staining. Groundmass is bleached/fine/replaced.													
463.58	**464.96**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
464.96	**466.00**	**I3A**	**Granite**	**GS0**									
Light to dark orange granitoid intrusion. Mottled colouring/potassic staining. Matrix is mostly aphanitic, likely the result of replacement and bleaching.													
466.00	**468.21**	**I3A**	**Granite**	**GS2**									
Orange fine to medium grained, hovering around 1mm, granitoid intrusion. Massive, undeformed, fracture related epidote alt.													
468.21	**475.68**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
<<Alt: 470 - 491.5: strong Epidote>>													
<<Vein: 474.15 - 474.25: Quartz vein contain >90% quartz>> Light grey qv with brecciated pieces of host rock													
<<Struc: 472 - 473: moderate Foliation 65 deg. >> Presumed foliation, hairline fracture fill ser/ep strongly aligned													
					470.00	471.00	1.00	338378	0.0025				
					471.00	472.00	1.00	338379	0.0025				
					472.00	473.00	1.00	338380	0.0025				
					473.00	474.00	1.00	338381	0.0025				

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
475.68	**476.27**	**I3A Granite GS0** Orange potassic alteration interval or granitoid intrusion with potassic replacement and bleaching. Strong hairline fracturing with ser/ep alteration. <<Struc: 476 - 508.4: weak Breccia>> Strong increase in late hairline fracture fill ser/ep alteration, granitoid intrusions are brecciated and mixed with bleach alteration.									
476.27	**477.00**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
477.00	**477.18**	**I3A Granite GS0** Orange potassic alteration interval or granitoid intrusion with potassic replacement and bleaching. Strong hairline fracturing with ser/ep alteration.									
477.18	**477.36**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
477.36	**477.56**	**I3A Granite GS2** Orange potassic stained granitoid intrusion.									
477.56	**478.38**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
478.38	**480.17**	**I3A Granite GS0** Orange potassic alteration interval or granitoid intrusion with potassic replacement and bleaching. Strong hairline fracturing with ser/ep alteration.									
480.17	**482.06**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
482.06	**482.36**	**I3S Feldspar porphyry GS2** FPO with weak pervasive potassic staining.									

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
482.36	**483.85**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
483.85	**484.93**	**I3A Granite GS0** Orange potassic alteration interval or granitoid intrusion with potassic replacement and bleaching. Strong hairline fracturing with ser/ep alteration.									
484.93	**489.06**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se									
489.06	**489.80**	**I3B Tonalite GS2** Hematite stained light pink-orange felsic intrusion.									
489.80	**492.55**	**I3A Granite GS2** Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration. <<Alt: 491.5 - 517.5: intense Epidote>>	492.00	493.00	1.00	338382	0.0025				
492.55	**493.29**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se	493.00	494.00	1.00	338383	0.0025				
493.29	**493.55**	**I3A Granite GS2** Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.									
493.55	**495.81**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se	494.00	495.00	1.00	338384	0.0025				
			495.00	496.00	1.00	338385	0.0025				
495.81	**497.12**	**I3A Granite GS2** Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.	496.00	497.12	1.12	338386	0.0025				

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
497.12	**498.86**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se	497.12	498.00	0.88	338387	0.0025				
			498.00	498.86	0.86	338388	0.017				
498.86	**499.54**	**I3A Granite GS2** Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.	498.86	500.00	1.14	338389	0.0025				
499.54	**524.31**	**E2 Intermediate GS1** Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se	500.00	501.50	1.50	338391	0.0025				
		<<Struc: 508.4 - 516: strong Breccia>> Strong braccia zone in volcanics. Medium to coarse grained clasts hematized. Fine matrix epidotized.	501.50	503.00	1.50	338392	0.0025				
		<<Struc: 516 - 516.5: moderate Fault>> Gouge and fault mud strongly hematized	503.00	504.50	1.50	338393	0.035				
		<<Struc: 516.5 - 517.3: strong Breccia>> Strong braccia zone in volcanics. Medium to coarse grained clasts hematized. Fine matrix epidotized.	504.50	506.00	1.50	338394	0.0025				
		<<Struc: 517.3 - 518: weak Fault>> Blocky and hematized . Coarse blocks no gouge	506.00	507.50	1.50	338395	0.0025				
			507.50	509.00	1.50	338396	0.0025				
			509.00	510.50	1.50	338398	0.0025				
			510.50	512.00	1.50	338399	0.0025				
			512.00	513.50	1.50	338400	0.0025				
			513.50	515.00	1.50	338401	0.0025				
			515.00	516.00	1.00	338402	0.0025				
			516.00	517.00	1.00	338403	0.0025				
			517.00	518.00	1.00	338404	0.0025				
			518.00	519.00	1.00	338405	0.0025				
			519.00	520.00	1.00	338406	0.0025				
			520.00	521.00	1.00	338407	0.0025				
			521.00	522.00	1.00	338408	0.0025				
			522.00	523.00	1.00	338409	0.0025				

Hole: PAC-20-035

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					523.00	524.00	1.00	338410	0.0025				
					524.00	525.00	1.00	338411	0.0025				
524.31	**525.31**	**I3A**	**Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.													
					525.00	526.00	1.00	338412	0.0025				
525.31	**554.24**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
554.24	**555.23**	**I3A**	**Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.													
555.23	**556.07**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
556.07	**557.13**	**I3A**	**Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.													
557.13	**557.84**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
557.84	**558.45**	**I3A**	**Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.													
558.45	**559.70**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													
559.70	**561.25**	**I3A**	**Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.													
561.25	**563.11**	**E2**	**Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se													

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
563.11	**564.74**	**I3A** **Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.												
564.74	**565.85**	**E2** **Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se												
565.85	**566.45**	**I3A** **Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.												
566.45	**569.50**	**E2** **Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se												
569.50	**571.20**	**I3A** **Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.												
571.20	**574.83**	**E2** **Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se												
574.83	**575.30**	**I3A** **Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.												
575.30	**580.55**	**E2** **Intermediate**	**GS1**									
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se												
580.55	**582.00**	**I3A** **Granite**	**GS2**									
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.												
582.00	**589.25**	**E2** **Intermediate**	**GS1**	588.00	589.25	1.25	338413	0.0025				
Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se												
589.25	**590.14**	**I3A** **Granite**	**GS3**	589.25	590.14	0.89	338414	0.0025				
Orange granitoid intrusion with potassic and likely hematite staining. Strong hairline fracturing filled with ser/ep alteration.												
				590.14	591.00	0.86	338415	0.0025				

Hole: PAC-20-035

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
590.14	**594.00**	**E2 Intermediate GS1**	591.00	592.00	1.00	338416	0.0025				

Large intermediate volcanic interval. Contact with upper MFV is transitional and geochemical (silica) mostly and not a large texture shift, certainly no distinct contact. ITV is crosscut by many different types of granitoid intrusions. Fracture related se

End of Hole @ 594

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-036

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-05-11	**Core Size:**	NQ
UTM East:	437664.4989	**Azimuth:**	198	**Date Completed:**	2020-05-16	**Casing Pulled?:**	☐
UTM North:	5643738.833	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	422.03	**Length (m):**	360	**Drill Rig:**		**Casing Depth (m):**	
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
21	Reflex			-49.1	193.3			57219	☑	
24	Reflex			-49.1	193.6			56681	☑	
27	Reflex			-49.1	193.4			57041	☑	
42	Reflex			-48.8	193.6			57222	☑	
45	Reflex			-48.8	193.4			57239	☑	
48	Reflex			-48.8	193.7			57042	☑	
51	Reflex			-48.7	193.6			57026	☑	
54	Reflex			-48.7	193.6			56858	☑	
66	Reflex			-48.6	193.5			57119	☑	
69	Reflex			-48.6	193.5			57084	☑	
72	Reflex			-48.5	193.7			56833	☑	
75	Reflex			-48.5	193.7			56870	☑	
78	Reflex			-48.4	193.6			56877	☑	

Hole: PAC-20-036

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
81	Reflex			-48.3	193.7			56923	☑	
84	Reflex			-48.2	193.8			56941	☑	
87	Reflex			-48.2	193.7			56880	☑	
90	Reflex			-48.1	193.7			56899	☑	
93	Reflex			-48.1	192.8			57360	☑	
96	Reflex			-48	193.3			56971	☑	
99	Reflex			-48.1	194.3			57342	☑	
102	Reflex			-47.8	193.8			56951	☑	
105	Reflex			-47.8	193.7			56915	☑	
108	Reflex			-48	193.6			56844	☑	
111	Reflex			-47.8	193.8			56841	☑	
114	Reflex			-47.8	193.8			56847	☑	
117	Reflex			-47.8	193.6			56829	☑	
120	Reflex			-47.8	193.5			56824	☑	
123	Reflex			-47.8	193.5			56822	☑	
126	Reflex			-47.7	193.5			56824	☑	
129	Reflex			-47.6	193.4			56818	☑	
132	Reflex			-47.6	193.4			56847	☑	
135	Reflex			-47.5	193.5			56850	☑	
138	Reflex			-47.4	193.6			56820	☑	
141	Reflex			-47.3	193.3			56818	☑	
144	Reflex			-47.2	193.2			56798	☑	
147	Reflex			-47.2	193.6			56825	☑	
150	Reflex			-47.3	192.5			56784	☑	

Hole: PAC-20-036

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
156	Reflex			-47	192.9			56751	☑	
159	Reflex			-46.9	193.4			56854	☑	
162	Reflex			-46.9	192.5			56874	☑	
165	Reflex			-46.8	193			56735	☑	
168	Reflex			-46.8	193.8			56887	☑	
171	Reflex			-46.7	192.4			57029	☑	
174	Reflex			-46.7	193.2			56721	☑	
177	Reflex			-46.7	193.2			56732	☑	
180	Reflex			-46.6	193.1			56744	☑	
183	Reflex			-46.6	193.1			56853	☑	
186	Reflex			-46.6	193.1			56747	☑	
192	Reflex			-46.5	193.8			56781	☑	
195	Reflex			-46.4	193.6			56861	☑	
198	Reflex			-46.4	193.4			56830	☑	
201	Reflex			-46.3	193.5			56845	☑	
204	Reflex			-46.3	193.5			56813	☑	
207	Reflex			-46.2	192.5			57354	☑	
210	Reflex			-46.2	193.4			57563	☑	
216	Reflex			-46.1	193.3			57062	☑	
219	Reflex			-46	193.3			56920	☑	
222	Reflex			-46	193.4			56932	☑	
225	Reflex			-45.9	193.2			57395	☑	
231	Reflex			-45.8	193.8			56968	☑	
234	Reflex			-45.7	193.4			57617	☑	

Hole: PAC-20-036

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
237	Reflex			-45.6	194			56927	☑	
240	Reflex			-45.7	193.6			57235	☑	
243	Reflex			-45.7	193.7			56891	☑	
246	Reflex			-45.6	193.4			56992	☑	
249	Reflex			-45.4	192.9			57102	☑	
252	Reflex			-45.4	193.2			57052	☑	
255	Reflex			-45.3	193.3			57120	☑	
258	Reflex			-45.2	193.7			57321	☑	
261	Reflex			-45.3	193.2			57166	☑	
264	Reflex			-45.2	193.3			57228	☑	
267	Reflex			-45.1	193.5			57148	☑	
270	Reflex			-45.1	193.9			57088	☑	
273	Reflex			-45	194.5			57276	☑	
276	Reflex			-45	194.1			57111	☑	
279	Reflex			-44.9	193.3			56970	☑	
285	Reflex			-44.7	193			57506	☑	
288	Reflex			-44.9	193.8			56874	☑	
291	Reflex			-44.7	193.8			58203	☑	
294	Reflex			-44.6	194			57417	☑	
297	Reflex			-44.6	194.4			57093	☑	
300	Reflex			-44.6	193.5			57238	☑	
303	Reflex			-44.5	194.1			57674	☑	
306	Reflex			-44.5	193.6			56931	☑	
309	Reflex			-44.4	193.6			56952	☑	

Hole: PAC-20-036

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
312	Reflex			-44.4	194.2			57481	☑	
315	Reflex			-44.3	193.5			56945	☑	
318	Reflex			-44.2	193.5			56910	☑	
321	Reflex			-44.2	193.2			56918	☑	
324	Reflex			-44	193.3			56898	☑	
327	Reflex			-44	193.2			56915	☑	
330	Reflex			-43.9	193.1			56916	☑	
333	Reflex			-43.7	193.3			56913	☑	
336	Reflex			-43.8	192.8			56909	☑	
339	Reflex			-43.8	193.7			57013	☑	
342	Reflex			-43.7	193.3			56957	☑	
348	Reflex			-43.6	193.5			56958	☑	
351	Reflex			-43.5	193.4			56957	☑	
354	Reflex			-43.4	193.4			56949	☑	
357	Reflex			-43.4	193.3			56900	☑	
360	Reflex			-43.3	193.3			56853	☑	

Hole: PAC-20-036

From (m)	To (m)		Rock Type & Description	
0.00	**3.45**	**OB**	**Overburden**	
3.45	**9.70**	**I1A**	**Gabbro**	**GS2**
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite				
<<Min: 8.47 - 8.53: 20% pyrite>>				
<<Vein: 5.5 - 8.5: Quartz vein contain >90% quartz>> Centimetric veinlets with epidote and Mn- Rich Garnet and Pyrite traces				
9.70	**9.98**	**I3C**	**Granodiorite**	**GS2**
Red potassic altered intrusive. Millimetric veining with traces of Pyrite.				
9.98	**21.80**	**I1A**	**Gabbro**	**GS2**
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite				
21.80	**25.21**	**I2**	**Intermediate intrusive**	**GS1**
Light Grey fine grained intermdeiate intrusive. Weak pervasive hematite alteartion into fractures.				
25.21	**29.73**	**I1A**	**Gabbro**	**GS2**
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite				
29.73	**30.28**	**I2**	**Intermediate intrusive**	**GS1**
Light Grey fine grained intermdeiate intrusive. Weak pervasive hematite alteartion into fractures.				
30.28	**36.68**	**E2**	**Intermediate**	
Fine grained grey volcanics with light background chlorite alt and local epidote centimetric veining				
36.68	**56.46**	**I3R**	**Quartz-feldspar porphyry**	
Light grey very altered porphyric intrusive. Strong silification and light potassic alt. Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 70CA				
<<Alt: 40.5 - 67: moderate K-feldspar>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
3.00	4.00	1.00	338417	0.008				
4.00	5.00	1.00	338419	0.009				
5.00	6.00	1.00	338420	0.014				
6.00	7.00	1.00	338421	0.008				
7.00	8.00	1.00	338422	0.006				
8.00	8.70	0.70	338423	0.008				
8.70	10.00	1.30	338424	0.0025				
10.00	11.00	1.00	338425	0.008				
45.00	46.00	1.00	338426	0.0025				
46.00	47.00	1.00	338427	0.0025				
47.00	48.00	1.00	338428	0.014				
48.00	48.50	0.50	338429	0.017				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			48.50	49.00	0.50	338430	0.01				
			49.00	50.00	1.00	338431	0.0025				
			50.00	51.00	1.00	338432	0.0025				
			51.00	52.00	1.00	338433	0.012				
			52.00	53.00	1.00	338434	0.0025				
56.46	**57.77**	**E2 Intermediate GS1**									
Fine grained grey volcanics with light background chlorite alt and local epidote centimetric veining											
57.77	**60.80**	**I3R Quartz-feldspar porphyry**									
Light grey very altered porphyric intrusive. Strong silification and light potassic alt. Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 70CA											
60.80	**61.58**	**E2 Intermediate GS1**									
Fine grained grey volcanics with light background chlorite alt and local epidote centimetric veining											
61.58	**69.83**	**I3R Quartz-feldspar porphyry**									
Light grey very altered porphyric intrusive. Strong silification and light potassic alt. Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 70CA											
69.83	**89.96**	**I1A Gabbro GS2**	85.00	86.00	1.00	338435	0.0025				
Dark grey porphyric mafic to intermediate intruisve. Local Reddish hematite alteration along fractures. Traces to 1 % diss Pyrite											
<<Min: 86 - 88: 2% pyrite>>			86.00	87.00	1.00	338436	0.012				
			87.00	88.00	1.00	338437	0.0025				
			88.00	89.00	1.00	338438	0.005				
89.96	**101.60**	**E1 mafic volcanics GS1**									
Dark very fine grained mafic volcanics with low chlorite background alteration											
			101.00	101.60	0.60	338440	0.0025				
101.60	**105.40**	**I3R Quartz-feldspar porphyry GS2**									
Very altered reddish porphyric intrusive. Hemtaite and light green sericite alteartion. Up to 5% diss automorph Pyrite.											
			101.60	103.00	1.40	338441	0.0025				
			103.00	104.00	1.00	338442	0.0025				
			104.00	104.50	0.50	338443	0.0025				
			104.50	105.40	0.90	338444	0.0025				
			105.40	106.00	0.60	338445	0.0025				

Hole: PAC-20-036

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
105.40	**114.95**	**E2**	**Intermediate**	**GS1**	106.00	107.00	1.00	338446	0.0025				
Light grey altered banded very fine grained volcanics. Local epidote-sericite alteration stockwerk													
<<Alt: 107.2 - 126: strong Silicification>> centimertic light grey silicified bands					107.00	108.00	1.00	338447	0.0025				
<<Struc: 106 - 107.2: moderate Breccia>> Brecciated volcanics and weal shear zone stringly altered					108.00	109.00	1.00	338448	0.0025				
114.95	**115.93**	**I3R**	**Quartz-feldspar porphyry**	**GS2**									
Porphyric intermediate light grey intrusive 5 & very fine epidote-sericte veinlets.													
115.93	**123.71**	**E2**	**Intermediate**	**GS1**									
Light grey altered banded very fine grained volcanics. Local epidote-sericite alteration stockwerk													
123.71	**124.28**	**I3R**	**Quartz-feldspar porphyry**										
Porphyric dark grey weakly hematized intrusive													
124.28	**137.26**	**E2**	**Intermediate**	**GS1**									
Light grey altered banded very fine grained volcanics. Local epidote-sericite alteration stockwerk													
137.26	**161.89**	**I1A**	**Gabbro**	**GS2**									
Dark grey porphyric mafic to intermediate intruisve. Local Reddish hematite alteration along fractures. Traces to 1 % diss Pyrite													
<<Vein: 159 - 159.1: Quartz vein contain >90% quartz>> Quartz tension milky quartz vein													
					158.00	158.95	0.95	338449	0.0025				
					158.95	159.50	0.55	338450	0.025				
					159.50	160.00	0.50	338451	0.009				
161.89	**163.86**	**I3R**	**Quartz-feldspar porphyry**	**GS2**									
Porphyric light grey intrusive. 10% porphyric plagioclases. Well preserved no alteration.													
163.86	**168.16**	**I1A**	**Gabbro**	**GS2**	168.00	169.00	1.00	338452	0.0025				
Dark grey porphyric mafic to intermediate intruisve. Local Reddish hematite alteration along fractures. Traces to 1 % diss Pyrite													
168.16	**171.53**	**E1**	**mafic volcanics**	**GS1**	169.00	170.00	1.00	338453	0.0025				
Fine grained dark grey unit, mafic volcanics. Low chlorite alteartion and very small local higher grained texture. Traces to 1 % of very fine grained diss. Pyrite													
<<Min: 170.1 - 171.4: 2% pyrite / 2% sphalerite>> Brownish to yellowish sphalerite stringers along shear zones					170.00	170.70	0.70	338454	0.042				
<<Vein: 170.1 - 171.4: with sulphides>> Centimetric veinlets of quartz -carbonates along shear fabric.					170.70	171.10	0.40	338455	0.0025				
<<Struc: 170.1 - 171.4: Shear / mylonitic foliation 50 deg. >> Moderate shear zone with different intensity along the interval. Garnet-Chlorite alteration					171.10	171.55	0.45	338456	0.0025				

Hole: PAC-20-036

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
171.53	**174.03**	**I3R** **Quartz-feldspar porphyry**	**GS2**									
Porphyric light grey intrusive. 10% porphyric plagioclases. Weak K-par alteration 5% of sericitre veinlets with local breccia inside the veinlets.												
				171.55	172.00	0.45	338457	0.0025				
				172.00	173.00	1.00	338458	0.0025				
				173.00	174.00	1.00	338460	0.0025				
				174.00	175.00	1.00	338461	0.0025				
174.03	**196.31**	**E1** **mafic volcanics**	**GS1**									
Fine grained dark grey unit, mafic volcanics. Low chlorite alteartion and very small local higher grained texture. Traces to 1 % of very fine grained diss. Pyrite												
<<Alt: 188.1 - 189.2: strong Hematitic>> Reddis diffues hmeatite alteration												
<<Struc: 183.28 - 184.72: Shear / mylonitic foliation 55 deg. >> Moderate shear zone with different intensity along the interval. Garnet-Chlorite-Carbonate alteration												
				175.00	176.00	1.00	338462	0.0025				
				182.00	183.28	1.28	338463	0.0025				
				183.28	184.00	0.72	338464	0.0025				
				184.00	184.60	0.60	338465	0.008				
				184.60	186.00	1.40	338466	0.007				
196.31	**197.42**	**I2** **Intermediate intrusive**	**GS2**									
Dark grey porphyric intrusive with reddish K-par Alteration on plagioclases porphyric cristals												
197.42	**203.45**	**E1** **mafic volcanics**	**GS1**									
Fine grained dark grey unit, mafic volcanics. Low chlorite alteartion and very small local higher grained texture. Traces to 1 % of very fine grained diss. Pyrite												
203.45	**241.02**	**I1A** **Gabbro**										
Dark grey porphyric mafic to intermediate intruisve. Local Reddish hematite alteration along fractures. Traces to 1 % diss Pyrite												
<<Min: 209.15 - 209.22: 20% pyrite>> Diss autom along S1 main fabric												
<<Min: 210 - 211.15: 10% pyrite / 2% chalcopyrite>> Diss autom along S1 main fabric												
<<Min: 225 - 227: 2% pyrite / 2% chalcopyrite / 0.5% pyrrhotite>> local small sulfide clusters along weak shear zone												
<<Vein: 207 - 207.05: Quartz vein contain >90% quartz>>												
<<Struc: 225 - 227: Shear / mylonitic foliation 55 deg. >> Weak shear zone with local Garnet-Chlorite-Carbonate veinlets												

Hole: PAC-20-036

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					206.00	207.00	1.00	338467	0.01				
					207.00	207.50	0.50	338468	0.008				
					207.50	208.00	0.50	338469	0.0025				
					208.00	209.00	1.00	338470	0.005				
					209.00	210.00	1.00	338471	0.014				
					210.00	211.00	1.00	338472	0.091				
					211.00	212.00	1.00	338473	0.008				
					212.00	213.00	1.00	338474	0.0025				
					213.00	214.00	1.00	338475	0.0025				
					214.00	215.00	1.00	338476	0.0025				
					215.00	216.00	1.00	338477	0.006				
					216.00	217.00	1.00	338478	0.0025				
					217.00	218.00	1.00	338479	0.008				
					218.00	219.00	1.00	338481	0.055				
					225.00	226.00	1.00	338482	0.011				
					226.00	227.00	1.00	338483	0.059				
					227.00	228.00	1.00	338484	0.0025				
					228.00	229.00	1.00	338485	0.005				
241.02	**242.23**	**E1**	**mafic volcanics**	**GS1**									
Fine grained dark green volcanics 5% carbonates and 5% tardive carbonates veinlets													
242.23	**301.55**	**I1A**	**Gabbro**										
Dark grey porphyric mafic to intermediate intruisve. Local Reddish hematite alteration along fractures. Traces to 1 % diss Pyrite													
<<Min: 267.79 - 269.08: 2% pyrite / 2% chalcopyrite>> local small sulfide clusters along foliation													
<<Min: 282.88 - 283.35: 2% pyrite>>													
<<Min: 289 - 289.5: 2% pyrite>> Automorph medium grained Py with Garnet alteration													
<<Struc: 282.88 - 283.35: Shear / mylonitic foliation 70 deg. >> Weak shear with epidote alteration and 1% sulfides													
					267.00	268.00	1.00	338486	0.0025				
					268.00	269.00	1.00	338487	0.098				
					269.00	270.00	1.00	338488	0.009				

Hole: PAC-20-036

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			281.00	281.89	0.89	338489	0.0025				
			281.89	283.00	1.11	338490	0.022				
			283.00	283.50	0.50	338491	0.0025				
			283.50	284.00	0.50	338492	0.0025				
			284.00	285.00	1.00	338493	0.0025				
			285.00	286.00	1.00	338494	0.0025				
301.55	**336.82**	**E1 mafic volcanics GS1**									
Darke grey to black fine grained mafic volcanics 60 to 70 degrees well marked foliation. Carbonates and biotite alteration along foliation											
<<Min: 312 - 314.4: 0.5% pyrite / 2% chalcopyrite>> Semi massive local sulfides veinlets along foliation											
<<Min: 316.56 - 316.9: 2% pyrite / 2% chalcopyrite>> Semi massive local sulfides veinlets along foliation											
<<Min: 321.46 - 321.6: 2% pyrite / 2% chalcopyrite>> Semi massive local sulfides veinlets along foliation											
<<Alt: 303 - 330: strong Biotite>> Biotite along foliation											
			311.00	312.00	1.00	338495	0.047				
			312.00	312.90	0.90	338496	0.045				
			312.90	314.00	1.10	338497	0.329				
			314.00	315.00	1.00	338498	0.229				
			315.00	316.00	1.00	338499	0.032				
			316.00	317.00	1.00	338500	0.034				
			317.00	318.00	1.00	338501	0.011				
			318.00	319.00	1.00	338502	0.018				
			319.00	320.00	1.00	338503	0.034				
			320.00	321.00	1.00	338504	0.005				
			321.00	322.00	1.00	338505	0.039				
			322.00	323.00	1.00	338506	0.048				
			323.00	324.00	1.00	338507	0.032				
336.82	**338.22**	**I3R Quartz-feldspar porphyry GS2**									
Light grey porphyry no alteration late intrusion											

Hole: PAC-20-036

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
338.22	**360.00**	**E1 mafic volcanics GS1**									
Darke grey to black fine grained mafic volcanics 60 to 70 degrees well marked foliation. Carbonates and biotite alteration along foliation											
End of Hole @ 360											

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-037

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-05-17	**Core Size:**	NQ
UTM East:	437664.4989	**Azimuth:**	18	**Date Completed:**	2020-05-19	**Casing Pulled?:**	☐
UTM North:	5643739	**Dip:**	-50	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	422.03	**Length (m):**	378	**Drill Rig:**		**Casing Depth (m):**	
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	Reflex			-50.5	20.6			59266	☑	
15	Reflex			-50.4	20.3			57827	☑	
18	Reflex			-50.3	19.7			57739	☑	
27	Reflex			-50.2	18.1			57121	☑	
30	Reflex			-50.3	18.3			57261	☑	
33	Reflex			-50.1	18.4			57319	☑	
36	Reflex			-50.4	19.1			57324	☑	
39	Reflex			-50.3	18.9			57384	☑	
45	Reflex			-49.9	18.9			57396	☑	
48	Reflex			-49.8	19			57370	☑	
51	Reflex			-49.9	18.9			57363	☑	
57	Reflex			-49.8	18.8			57377	☑	
60	Reflex			-49.8	18.6			57396	☑	

Hole: PAC-20-037

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
63	Reflex			-49.8	18.3			57375	☑	
66	Reflex			-49.8	18.4			57299	☑	
69	Reflex			-49.7	18.4			57306	☑	
72	Reflex			-49.8	18.6			57249	☑	
78	Reflex			-49.6	18.1			56806	☑	
81	Reflex			-49.6	20.2			58750	☑	
90	Reflex			-49.6	20.6			57140	☑	
99	Reflex			-50.1	17.6			56594	☑	
102	Reflex			-49.6	18.4			56761	☑	
105	Reflex			-49.9	19.6			57261	☑	
108	Reflex			-49.8	19.8			57065	☑	
120	Reflex			-49.8	17.8			57645	☑	
123	Reflex			-49.7	20.1			56771	☑	
126	Reflex			-49.7	19.5			57806	☑	
129	Reflex			-49.7	16.9			56044	☑	
132	Reflex			-49.8	20.1			57565	☑	
135	Reflex			-50.1	18.9			57326	☑	
138	Reflex			-49.8	20.8			57021	☑	
141	Reflex			-50.2	20.7			56480	☑	
144	Reflex			-49.8	18.9			57298	☑	
147	Reflex			-50	19.2			57077	☑	
150	Reflex			-49.8	16.2			56009	☑	
153	Reflex			-49.9	18.2			56876	☑	
156	Reflex			-49.9	19.9			56709	☑	

Hole: PAC-20-037

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
159	Reflex			-49.7	17			56521	☑	
162	Reflex			-49.6	16.2			56771	☑	
165	Reflex			-49.7	17.9			56655	☑	
168	Reflex			-49.7	17.5			56991	☑	
171	Reflex			-49.6	17.8			56970	☑	
174	Reflex			-49.6	18.5			57317	☑	
177	Reflex			-49.6	17.9			57273	☑	
180	Reflex			-49.6	18.2			57154	☑	
183	Reflex			-49.6	18.2			57319	☑	
186	Reflex			-49.6	18.6			57336	☑	
189	Reflex			-49.5	18.2			57443	☑	
195	Reflex			-49.6	17.7			56433	☑	
198	Reflex			-49.6	18.4			56910	☑	
201	Reflex			-49.6	19.3			57127	☑	
210	Reflex			-49.4	17.3			57476	☑	
213	Reflex			-49.3	16.7			57485	☑	
216	Reflex			-49.3	19.8			57685	☑	
219	Reflex			-49.3	17.8			57250	☑	
222	Reflex			-49.3	18			57246	☑	
225	Reflex			-49.2	17.9			57256	☑	
228	Reflex			-49.2	17.8			57148	☑	
231	Reflex			-49.2	18.1			57169	☑	
234	Reflex			-49.2	18.3			57210	☑	
237	Reflex			-49.1	18.3			57228	☑	

Hole: PAC-20-037

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
240	Reflex			-49.1	18.1			57183	☑	
243	Reflex			-49.1	18.2			57242	☑	
246	Reflex			-49.1	18.4			57224	☑	
249	Reflex			-49	18.4			57233	☑	
255	Reflex			-49	18.3			57248	☑	
258	Reflex			-49	18.4			57176	☑	
261	Reflex			-49	18.4			57237	☑	
264	Reflex			-48.9	18.5			57226	☑	
270	Reflex			-48.9	18.3			57230	☑	
273	Reflex			-48.8	18.5			57217	☑	
276	Reflex			-48.8	18.5			57189	☑	
279	Reflex			-48.8	18.6			57217	☑	
282	Reflex			-48.8	18.6			57227	☑	
285	Reflex			-48.8	18.5			57229	☑	
288	Reflex			-48.8	18.7			57247	☑	
291	Reflex			-48.8	18.5			57264	☑	
294	Reflex			-48.8	18.6			57255	☑	
297	Reflex			-48.8	18.7			57260	☑	
300	Reflex			-48.8	18.7			57284	☑	
303	Reflex			-48.7	18.6			57284	☑	
306	Reflex			-48.7	18.5			57389	☑	
309	Reflex			-48.7	18.7			57272	☑	
312	Reflex			-48.7	19.1			57257	☑	
315	Reflex			-48.6	19.5			57374	☑	

Hole: PAC-20-037

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
318	Reflex			-48.5	19.1			57221	☑	
321	Reflex			-48.5	19.4			57391	☑	
324	Reflex			-48.5	18.8			57260	☑	
327	Reflex			-48.5	18.7			57250	☑	
330	Reflex			-48.4	18.7			57314	☑	
333	Reflex			-48.4	19			57216	☑	
336	Reflex			-48.3	18.8			57208	☑	
339	Reflex			-48.2	19			57358	☑	
342	Reflex			-48.2	18.9			57165	☑	
345	Reflex			-48.1	19			57309	☑	
348	Reflex			-47.9	18.9			57307	☑	
351	Reflex			-47.9	19.1			57347	☑	
354	Reflex			-47.7	19.2			57308	☑	
357	Reflex			-47.7	19.3			57492	☑	
360	Reflex			-47.7	19.3			57320	☑	
363	Reflex			-47.6	19.3			57323	☑	
366	Reflex			-47.6	19.4			57364	☑	
369	Reflex			-47.5	19.6			57131	☑	
372	Reflex			-47.5	20			57261	☑	
375	Reflex			-47.5	19.4			57071	☑	
378	Reflex			-47.5	19.5			57278	☑	

Hole: PAC-20-037

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB**	**Overburden**										
3.00	**8.04**	**E1**	**mafic volcanics**	**GS1**									
Very fine grained dark grey to dark green mafic volcanics. No alteration or veining. Local traces of very fine grained Pyrite													
8.04	**9.05**	**I3C**	**Granodiorite**	**GS2**									
Pinkish very altered felsic intrusive. Strong K-par alteration. Traces of very fine grained pyrite. Late tardive centinteric smoky quartz veinlets													
9.05	**24.66**	**E1**	**mafic volcanics**	**GS1**	20.50	21.00	0.50	338508	0.021				
Very fine grained dark grey to dark green mafic volcanics. No alteration or veining. Local traces of very fine grained Pyrite													
<<Alt: 21.08 - 21.33: complete Epidote>> Strong light green alteration with 5% garnets					21.00	21.50	0.50	338509	0.009				
<<Vein: 21.08 - 21.33: with sulphides>> Smoky quartz vine with strong Epidote alteration and 5 % garnets					21.50	22.00	0.50	338510	0.0025				
24.66	**27.55**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey porphyric intrusive no alteration. 5% Blue quartz eyes and traces to 1 % of very fine diss Pyrite													
27.55	**49.32**	**E1**	**mafic volcanics**	**GS1**									
Very fine grained dark grey to dark green mafic volcanics. No alteration or veining. Local traces of very fine grained Pyrite													
49.32	**53.57**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey porphyric intrusive no alteration. 5% Blue quartz eyes and traces to 1 % of very fine diss Pyrite													
53.57	**64.10**	**E1**	**mafic volcanics**	**GS1**									
Very fine grained dark grey to dark green mafic volcanics. No alteration or veining. Local traces of very fine grained Pyrite													
64.10	**70.70**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey porphyric intrusive no alteration. 5% Blue quartz eyes and traces to 1 % of very fine diss Pyrite													
70.70	**74.70**	**E2**	**Intermediate**	**GS1**									
Banded light grey very fina grained volcanics. Poss fine grained sed with millimteric cherty bands.													
74.70	**78.40**	**E1**	**mafic volcanics**	**GS1**									
Very fine grained dark grey to dark green mafic volcanics. No alteration or veining. Local traces of very fine grained Pyrite													
78.40	**101.40**	**I1A**	**Gabbro**	**GS2**	99.00	99.50	0.50	338511	0.0025				
Dark medium grained Gabbro with carbonates and chlorite alteration. Traces of diss. Pyrite. Strong Magnetism.													
					99.50	100.00	0.50	338512	0.0025				
					100.00	101.00	1.00	338513	0.0025				
					101.00	101.40	0.40	338514	0.006				
					101.40	102.00	0.60	338515	0.0025				

Hole: PAC-20-037

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
101.40	**107.39**	**I3C** **Granodiorite**	**GS2**									
Medium grained light grey to pinkish altered felsic intrusive. Traces of diss fine grained pyrite.												
107.39	**114.68**	**I1A** **Gabbro**	**GS2**									
Dark medium grained Gabbro with carbonates and chlorite alteration. Traces of diss. Pyrite. Strong Magnetism.												
114.68	**117.30**	**I3C** **Granodiorite**	**GS2**									
Medium grained light grey to pinkish altered felsic intrusive. Traces of diss fine grained pyrite.												
117.30	**123.28**	**I1A** **Gabbro**	**GS2**	121.00	121.60	0.60	338517	0.0025				
Dark medium grained Gabbro with carbonates and chlorite alteration. Traces of diss. Pyrite. Strong Magnetism.												
<<Vein: 121.69 - 121.74: with sulphides>> Milky late quartz vein				121.60	122.00	0.40	338518	0.0025				
				122.00	123.00	1.00	338519	0.0025				
				123.00	124.00	1.00	338520	0.0025				
123.28	**124.16**	**E1** **mafic volcanics**	**GS1**									
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite												
				124.00	124.90	0.90	338521	0.019				
124.16	**124.95**	**I3C** **Granodiorite**	**GS2**	124.90	125.30	0.40	338522	0.0025				
Medium grained light grey to pinkish altered felsic intrusive. Traces of diss fine grained pyrite.												
124.95	**131.00**	**E1** **mafic volcanics**	**GS1**									
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite												
<<Struc: 125 - 125.15: Shear / mylonitic foliation 15 deg. >> Shear with smoky quartz veinlets and traces of pyrite within a epidote altered zone												
				125.30	126.00	0.70	338523	0.0025				
131.00	**134.58**	**I3C** **Granodiorite**	**GS2**									
Medium grained light grey to pinkish altered felsic intrusive. Traces of diss fine grained pyrite.												
134.58	**149.10**	**E1** **mafic volcanics**	**GS1**	136.70	137.20	0.50	338524	0.0025				
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite												
<<Vein: 137.2 - 137.37: with sulphides>> Quartz veinlets with epidote alteration				137.20	137.60	0.40	338525	0.0025				
				137.60	138.00	0.40	338526	0.0025				
149.10	**168.43**	**I1A** **Gabbro**	**GS2**									
Dark medium grained Gabbro with carbonates and chlorite alteration. Traces of diss. Pyrite. Strong Magnetism. Local porphryic texture												

Hole: PAC-20-037

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
168.43	**174.60**	**I3C**	**Granodiorite**	**GS2**									
Medium grained light grey to pinkish altered felsic intrusive. Traces of diss fine grained pyrite.													
174.60	**177.57**	**I1A**	**Gabbro**	**GS2**									
Dark medium grained Gabbro with carbonates and chlorite alteration. Traces of diss. Pyrite. Strong Magnetism. Local porphryic texture													
177.57	**180.40**	**I3C**	**Granodiorite**	**GS2**									
Pinkish very altered felsic intrusive. Strong K-par alteration. Traces of very fine grained pyrite. Late tardive centinteric smoky quartz veinlets													
180.40	**190.20**	**I1A**	**Gabbro**	**GS2**									
Dark medium grained Gabbro with carbonates and chlorite alteration. Traces of diss. Pyrite. Strong Magnetism. Local porphryic texture													
190.20	**207.90**	**E1**	**mafic volcanics**	**GS1**									
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite													
207.90	**209.73**	**I3C**	**Granodiorite**	**GS2**									
Medium grained light grey to pinkish altered felsic intrusive. Traces of diss fine grained pyrite.													
209.73	**213.23**	**E1**	**mafic volcanics**	**GS1**									
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite													
213.23	**213.60**	**I3C**	**Granodiorite**	**GS2**									
Pinkish very altered felsic intrusive. Strong K-par alteration. Traces of very fine grained pyrite. Late tardive centinteric smoky quartz veinlets													
213.60	**287.39**	**E1**	**mafic volcanics**	**GS1**									
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite													
287.39	**287.92**	**I3C**	**Granodiorite**	**GS2**									
Pinkish very altered felsic intrusive. Strong K-par alteration. Traces of very fine grained pyrite. Late tardive centinteric smoky quartz veinlets													
287.92	**301.90**	**E1**	**mafic volcanics**	**GS1**									
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite													
<<Vein: 288.77 - 288.87: Quartz vein contain >90% quartz>> White to smoky quartz vein													
301.90	**305.35**	**I3R**	**Quartz-feldspar porphyry**	**GS1**									
Very fine grained banded silciifed light grey intrusion with local porphyric texture and sharp contact. Local K-Par weak altearation.													

Hole: PAC-20-037

From (m)	To (m)		Rock Type & Description	
305.35	**313.73**	**E1**	**mafic volcanics**	**GS1**
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite				
<<Vein: 306.62 - 306.93: Quartz-Carbonate vein contain 10-90% quartz>> White quartz vein with epidote alteration				
<<Vein: 308.2 - 308.32: with sulphides>> Quartz carbonate vein with low K-par alteration.				
<<Struc: 305.5 - 306.51: weak Fault>> Blocky fault zone				
313.73	**314.86**	**I3R**	**Quartz-feldspar porphyry**	**GS1**
Very fine grained banded silciifed light grey intrusion with local porphyric texture and sharp contact.				
314.86	**316.16**	**E1**	**mafic volcanics**	**GS1**
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite				
316.16	**326.00**	**E2**	**Intermediate**	**GS1**
Light grey bedde very fine grained volcanics				
326.00	**331.50**	**E1**	**mafic volcanics**	**GS1**
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite				
331.50	**333.00**	**LC**	**lost core**	
333.00	**354.20**	**E1**	**mafic volcanics**	**GS1**
Dark green fine grained mafic volcanics with chlorite background alteration and traces of very fine grained diss Pyrite				
354.20	**364.80**	**E2**	**Intermediate**	**GS1**
Light grey bedded intermediate volcanics with weak silicification and traces of diss Pyrite.				
364.80	**373.69**	**I2**	**Intermediate intrusive**	**GS2**
Medium grained sub porphyric light grey Intrusive with 1 % of clustered medium grained Pyrite.				
373.69	**378.00**	**E1**	**mafic volcanics**	**GS1**
Very fine grained dark grey to dark green mafic volcanics. No alteration or veining. Local traces of very fine grained Pyrite				
<<Struc: 373.75 - 374.86: weak Fault>> Blocky fault zone				

End of Hole @ 378

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
306.00	306.50	0.50	338527	0.0025				
306.50	307.00	0.50	338528	0.005				
307.00	308.00	1.00	338529	0.0025				
308.00	308.50	0.50	338530	0.042				
308.50	309.00	0.50	338531	0.006				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-038

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-05-19	**Core Size:**	NQ
UTM East:	437664.4989	**Azimuth:**	198	**Date Completed:**	2020-05-22	**Casing Pulled?:**	☐
UTM North:	5643739	**Dip:**	-68	**Drill Company:**	Machine Roger	**Casing Capped?:**	☐
UTM Elevation (m):	422.03	**Length (m):**	369	**Drill Rig:**		**Casing Depth (m):**	
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
24	Reflex			-67.3	192.2			57249	☑	
27	Reflex			-67.5	192.3			57211	☑	
30	Reflex			-67.2	193.6			57299	☑	
33	Reflex			-67.3	193			57350	☑	
36	Reflex			-67.1	193.1			57373	☑	
39	Reflex			-67	193.3			57337	☑	
42	Reflex			-67	194.1			57576	☑	
45	Reflex			-66.9	194.4			57453	☑	
48	Reflex			-66.9	192.7			57057	☑	
54	Reflex			-66.7	194			57492	☑	
60	Reflex			-66.5	193.2			56849	☑	
63	Reflex			-66.6	193.2			57115	☑	
66	Reflex			-66.6	193.7			57140	☑	

Hole: PAC-20-038

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
69	Reflex			-66.6	193.5			57213	☑	
72	Reflex			-66.5	193.2			57085	☑	
75	Reflex			-66.7	193.7			57167	☑	
78	Reflex			-66.4	193.7			57367	☑	
81	Reflex			-66.5	193.9			57366	☑	
84	Reflex			-66.4	193.6			57250	☑	
87	Reflex			-66.4	193.3			57165	☑	
90	Reflex			-66.3	194			57212	☑	
93	Reflex			-66.2	193.5			57223	☑	
96	Reflex			-66.3	192.4			57072	☑	
99	Reflex			-66.2	193.4			57298	☑	
102	Reflex			-66.2	193.2			57152	☑	
105	Reflex			-66.1	193.2			57118	☑	
108	Reflex			-66.2	193.1			57078	☑	
111	Reflex			-66.1	193.1			57009	☑	
114	Reflex			-66.1	193.4			56778	☑	
117	Reflex			-66.1	193.2			56961	☑	
120	Reflex			-66.1	193.3			56892	☑	
123	Reflex			-65.9	193.9			56847	☑	
126	Reflex			-65.9	193.5			56918	☑	
129	Reflex			-66	193			56844	☑	
132	Reflex			-66	193.5			56862	☑	
135	Reflex			-66	193.7			56862	☑	
138	Reflex			-66	193.8			56888	☑	

Hole: PAC-20-038

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
141	Reflex			-66	193.8			56897	☑	
144	Reflex			-66	194			56913	☑	
147	Reflex			-65.9	194.2			56916	☑	
150	Reflex			-65.9	194.1			56920	☑	
153	Reflex			-66	194			56927	☑	
156	Reflex			-65.9	194.1			56937	☑	
159	Reflex			-65.9	193.8			56945	☑	
162	Reflex			-65.8	194			56943	☑	
165	Reflex			-65.8	193.8			56972	☑	
168	Reflex			-65.9	192.6			56974	☑	
171	Reflex			-65.8	194.1			56994	☑	
174	Reflex			-65.8	194.4			56989	☑	
177	Reflex			-66	194.1			57016	☑	
180	Reflex			-66.1	193.7			57028	☑	
183	Reflex			-66	194.3			57032	☑	
186	Reflex			-66.1	194			57052	☑	
189	Reflex			-66.1	193.8			57069	☑	
192	Reflex			-66	193.9			57087	☑	
195	Reflex			-66	194.2			57032	☑	
198	Reflex			-66	193.7			57066	☑	
204	Reflex			-65.9	192.7			57073	☑	
207	Reflex			-65.8	194.1			57084	☑	
213	Reflex			-65.7	193.7			57120	☑	
219	Reflex			-65.7	192.9			57130	☑	

Hole: PAC-20-038

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
222	Reflex			-65.4	194.4			57141	☑	
225	Reflex			-65.5	193.2			57156	☑	
228	Reflex			-65.4	193.6			57200	☑	
231	Reflex			-65.4	193.7			57169	☑	
237	Reflex			-65.3	192			57137	☑	
240	Reflex			-65.3	192.9			57187	☑	
243	Reflex			-65.1	191.9			57107	☑	
246	Reflex			-65.2	192.5			57101	☑	
249	Reflex			-65.1	193.4			57173	☑	
252	Reflex			-65	193.2			57078	☑	
255	Reflex			-65	193.2			57052	☑	
258	Reflex			-64.8	193.5			57101	☑	
261	Reflex			-64.8	192.3			57258	☑	
264	Reflex			-64.7	193.4			57379	☑	
267	Reflex			-64.7	192.9			57172	☑	
270	Reflex			-64.7	193.2			57209	☑	
273	Reflex			-64.6	193.3			57350	☑	
279	Reflex			-64.5	193			57177	☑	
282	Reflex			-64.4	192.8			57032	☑	
285	Reflex			-64.3	192			57431	☑	
288	Reflex			-64.3	191.6			57585	☑	
291	Reflex			-64.3	192.6			56908	☑	
294	Reflex			-64.2	193.1			57322	☑	
297	Reflex			-64.1	193.1			57203	☑	

Hole: PAC-20-038

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
300	Reflex			-64.1	193.6			57112	☑	
303	Reflex			-64	193.9			59884	☑	
306	Reflex			-64	192.9			57290	☑	
309	Reflex			-64	192.8			57171	☑	
312	Reflex			-63.9	192.4			57370	☑	
315	Reflex			-63.9	194			57063	☑	
318	Reflex			-63.8	193.3			57240	☑	
321	Reflex			-63.8	193.5			57135	☑	
324	Reflex			-63.7	193.4			57268	☑	
327	Reflex			-63.7	193.6			57180	☑	
330	Reflex			-63.6	193.4			57215	☑	
333	Reflex			-63.6	194.2			57331	☑	
336	Reflex			-63.5	194.1			57269	☑	
339	Reflex			-63.4	193.4			57392	☑	
342	Reflex			-63.4	192.5			57262	☑	
345	Reflex			-63.4	193.5			57752	☑	
348	Reflex			-63.3	191.7			57846	☑	
351	Reflex			-63.3	193.2			56735	☑	
354	Reflex			-63.2	193			57332	☑	
369	Reflex			-62.9	193			57167	☑	

Hole: PAC-20-038

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.86**	**OB**	**Overburden**										
2.86	**6.40**	**I1A**	**Gabbro**	**GS2**									
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite													
6.40	**7.05**	**I3C**	**Granodiorite**	**GS2**									
Red felsic medium grained intrusive with traces of fine grained diss. Pyrite													
7.05	**9.87**	**I1A**	**Gabbro**	**GS2**									
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite													
9.87	**12.36**	**I2**	**Intermediate intrusive**	**GS1**									
Light grey fien grained intrusive with traces of diss pyrite a few hematite veinlets.													
12.36	**28.34**	**I1A**	**Gabbro**	**GS2**									
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite													
28.34	**28.70**	**I3C**	**Granodiorite**	**GS2**									
Red felsic medium grained intrusive with traces of fine grained diss. Pyrite													
28.70	**46.21**	**I1A**	**Gabbro**	**GS2**									
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite													
46.21	**48.30**	**I2**	**Intermediate intrusive**	**GS2**									
Light grey porphyric intrusive													
48.30	**52.32**	**I1A**	**Gabbro**	**GS2**									
Dark Grey to Dark green medium grained mafic intrusive with 10% of prophyric Plagioclases. Local magnetism and diss magnetite and Hematite													
52.32	**58.74**	**E2**	**Intermediate**	**GS1**									
Light Grey banded fine grained volcanics. Weak Hematisation on lower contact.													
<<Alt: 54 - 96.6: intense K-feldspar>>													
58.74	**71.04**	**I3R**	**Quartz-feldspar porphyry**	**GS2**									
Light grey very altered porphyric intrusive. Potassic alteration . Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 40CA													
71.04	**72.33**	**E1**	**mafic volcanics**	**GS1**									
Dark grey to dark green fine grained volcanics													

Hole: PAC-20-038

From (m)	To (m)		Rock Type & Description	
72.33	**74.38**	**I3R**	**Quartz-feldspar porphyry**	**GS2**
Light grey very altered porphyric intrusive. Potassic alteration . Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 40CA				
74.38	**74.95**	**E1**	**mafic volcanics**	**GS1**
Light green fine grained mafic volcanics				
74.95	**85.80**	**I3R**	**Quartz-feldspar porphyry**	**GS2**
Light grey very altered porphyric intrusive. Potassic alteration . Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 40CA				
85.80	**86.22**	**E1**	**mafic volcanics**	**GS1**
Light green fine grained mafic volcanics				
86.22	**96.84**	**I3R**	**Quartz-feldspar porphyry**	**GS2**
Light grey very altered porphyric intrusive. Potassic alteration . Local blue quartz eyes. And minor ITV intervals. Traces to 1% of diss fine grained pyrite. Local centimetric quartz veining and foliation @ 40CA				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
82.00	83.00	1.00	338532	0.008				
83.00	84.00	1.00	338533	0.0025				
84.00	85.00	1.00	338534	0.012				
85.00	85.80	0.80	338535	0.009				
85.80	86.25	0.45	338536	0.0025				
86.25	87.00	0.75	338538	0.007				
87.00	87.50	0.50	338539	0.0025				
87.50	88.00	0.50	338540	0.0025				
88.00	89.00	1.00	338541	0.0025				
89.00	90.00	1.00	338542	0.0025				
90.00	91.00	1.00	338543	0.0025				
91.00	92.00	1.00	338544	0.0025				
92.00	93.00	1.00	338545	0.0025				
93.00	94.00	1.00	338546	0.0025				
94.00	95.00	1.00	338547	0.0025				
95.00	95.70	0.70	338548	0.0025				
95.70	96.76	1.06	338549	0.0025				
96.76	98.00	1.24	338550	0.0025				

Hole: PAC-20-038

From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
96.84	**105.00**	**I1A Gabbro**	**GS2**									
Dark grey porphyric mafic to intermediate intruisve. Local Reddish hematite alteration along fractures. Traces to 1 % diss Pyrite												
105.00	**134.94**	**I3C Granodiorite**	**GS2**	114.00	115.00	1.00	338551	0.0025				
Reddish K-par stringly altered intermediate to felsic intrusive . 10% of sericite veinlets with local breccias. Traces to 1% of diss pyrite fine grained.												
<<Alt: 111 - 135: intense K-feldspar>>				115.00	116.00	1.00	338552	0.0025				
<<Vein: 124 - 135: Quartz vein contain >90% quartz>> Sericite quart zstockwerk 15% of whole rock				116.00	117.00	1.00	338553	0.0025				
				117.00	118.00	1.00	338554	0.0025				
				118.00	119.00	1.00	338555	0.0025				
				119.00	120.00	1.00	338556	0.0025				
				120.00	121.00	1.00	338557	0.0025				
				121.00	122.00	1.00	338559	0.0025				
				122.00	123.00	1.00	338560	0.0025				
				123.00	124.00	1.00	338561	0.0025				
				124.00	125.00	1.00	338562	0.0025				
				125.00	126.00	1.00	338563	0.0025				
				126.00	127.00	1.00	338564	0.0025				
				127.00	128.00	1.00	338565	0.0025				
				128.00	129.00	1.00	338566	0.0025				
				129.00	130.00	1.00	338567	0.0025				
				130.00	131.00	1.00	338568	0.0025				
				131.00	132.00	1.00	338569	0.0025				
				132.00	133.00	1.00	338570	0.0025				
				133.00	134.00	1.00	338571	0.0025				
				134.00	135.00	1.00	338572	0.0025				
134.94	**140.39**	**E2 Intermediate**	**GS1**	135.00	136.00	1.00	338573	0.0025				
Fine grained altered light grey banded volcanics. Different local alteration patterns cf alteartion table.												
<<Struc: 135 - 139.2: moderate Breccia>> Brecciated and altered volcanics with reddisk hematite alteration and quartz-sericite stockwerk.				136.00	137.00	1.00	338574	0.0025				
<<Struc: 139.2 - 139.7: moderate Fault>> Fault zone with gouge and quartz geode.				137.00	138.00	1.00	338575	0.0025				

Hole: PAC-20-038

From (m)	To (m)		Rock Type & Description	
<<Struc: 139.7 - 147.32: moderate Breccia>> quartz-sericite stockwerk.			Brecciated and altered volcanics with reddisk hematite alteration and	
140.39	**141.00**	**LC**	**lost core**	
141.00	**163.74**	**E2**	**Intermediate**	**GS1**
Fine grained altered light grey banded volcanics. Different local alteration patterns cf alteartion table.				
<<Min: 161.35 - 161.45: 20% pyrite>>			Patchy coarse garined Pyrite at Intrusive contact.	
<<Vein: 147.5 - 155: Quartz vein contain >90% quartz>>			Sericite quart zstockwerk 15% of whole rock	

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
138.00	139.00	1.00	338576	0.0025				
139.00	140.00	1.00	338577	0.0025				
140.00	140.30	0.30	338578	0.0025				
141.00	142.00	1.00	338580	0.0025				
142.00	143.00	1.00	338581	0.0025				
143.00	144.00	1.00	338582	0.0025				
144.00	145.00	1.00	338583	0.0025				
145.00	146.00	1.00	338584	0.0025				
146.00	147.00	1.00	338585	0.0025				
147.00	148.00	1.00	338586	0.0025				
148.00	149.00	1.00	338587	0.0025				
149.00	150.00	1.00	338588	0.0025				
150.00	151.00	1.00	338589	0.0025				
151.00	152.00	1.00	338590	0.0025				
152.00	153.00	1.00	338591	0.0025				
153.00	154.00	1.00	338592	0.0025				
154.00	155.00	1.00	338593	0.0025				
155.00	156.00	1.00	338594	0.0025				
156.00	157.00	1.00	338595	0.0025				
157.00	158.00	1.00	338596	0.0025				
158.00	159.00	1.00	338597	0.0025				
159.00	160.00	1.00	338598	0.0025				
160.00	161.00	1.00	338599	0.0025				
161.00	161.65	0.65	338600	0.0025				
161.65	163.00	1.35	338602	0.0025				
163.00	163.72	0.72	338603	0.0025				
163.72	165.00	1.28	338604	0.0025				

Hole: PAC-20-038

From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
163.74	**168.30**	**I3C**	**Granodiorite**	**GS2**	165.00	166.00	1.00	338605	0.0025				
Reddish K par altered intermediate intrusive.													
					166.00	167.00	1.00	338606	0.0025				
					167.00	168.30	1.30	338607	0.0025				
					168.30	169.00	0.70	338608	0.0025				
168.30	**176.10**	**E2**	**Intermediate**	**GS1**	169.00	170.00	1.00	338609	0.0025				
Fine grained altered light grey banded volcanics. Different local alteration patterns cf alteartion table.													
<<Alt: 168.3 - 173.5: intense Silicification / intense Calcite>> banded Silicifcation // Foliation.					170.00	171.00	1.00	338610	0.0025				
<<Alt: 173.5 - 180.8: intense Silicification>> banded Silicifcation // Foliation.					171.00	172.00	1.00	338611	0.017				
					172.00	173.00	1.00	338612	0.0025				
					173.00	174.00	1.00	338613	0.0025				
					174.00	175.00	1.00	338614	0.0025				
					175.00	176.00	1.00	338615	0.0025				
					176.00	177.00	1.00	338616	0.0025				
176.10	**176.70**	**I3C**	**Granodiorite**	**GS2**									
Reddish K par altered intermediate intrusive.													
176.70	**235.30**	**E2**	**Intermediate**	**GS1**									
Fine grained altered light grey banded volcanics. Different local alteration patterns cf alteartion table.													
<<Vein: 188.47 - 188.62: with sulphides>> Smoky quartz vein with very fine k par altered intruisve													
					177.00	178.00	1.00	338617	0.0025				
					178.00	179.00	1.00	338618	0.0025				
					179.00	180.00	1.00	338619	0.0025				
					180.00	181.00	1.00	338621	0.0025				
					181.00	182.00	1.00	338622	0.0025				
					182.00	183.00	1.00	338623	0.0025				
235.30	**274.84**	**I1A**	**Gabbro**	**GS2**									
Dark grey medieum to coarse grained mafic intrusive. Chlorite-carbonates backgournd alteration with local Mn-rich garnets Regular foliation @40 CA. Local 1% pyrite along foliation.													
274.84	**275.37**	**I3R**	**Quartz-feldspar porphyry**	**GS2**									
Ligh grey porphyric intermediate intrusive													

Hole: PAC-20-038

From (m)	To (m)		Rock Type & Description	
275.37	**276.16**	**E1**	**mafic volcanics**	
Dark green fine grained barren volcanics				
276.16	**276.89**	**I3R**	**Quartz-feldspar porphyry**	**GS2**
Ligh grey porphyric intermediate intrusive				
276.89	**277.88**	**E1**	**mafic volcanics**	
Dark green fine grained barren volcanics				
277.88	**369.00**	**I1A**	**Gabbro**	**GS2**
Dark grey medieum to coarse grained mafic intrusive. Chlorite-carbonates backgournd alteration with local Mn-rich garnets Regular foliation @40 CA. Local 1% pyrite along foliation.				
<<Min: 312.65 - 314.35: 2% pyrite / 2% chalcopyrite / 2% sphalerite>> Semi massive millimetric folaition // veinlets				
<<Min: 355.9 - 358.5: 10% chalcopyrite / 10% pyrrhotite>>				
<<Vein: 363.7 - 363.8: with sulphides>> Small quartz vein chunk with granets and chlorite				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
285.00	286.00	1.00	338624	0.0025				
286.00	287.00	1.00	338625	0.0025				
287.00	288.00	1.00	338626	0.0025				
288.00	289.00	1.00	338627	0.0025				
289.00	290.00	1.00	338628	0.0025				
300.00	301.00	1.00	338629	0.0025				
301.00	302.00	1.00	338630	0.007				
302.00	303.00	1.00	338631	0.0025				
303.00	304.00	1.00	338632	0.0025				
304.00	305.00	1.00	338633	0.0025				
311.00	312.00	1.00	338634	0.0025				
312.00	313.00	1.00	338635	0.0025				
313.00	314.00	1.00	338636	0.0025				
314.00	315.00	1.00	338637	0.021				
315.00	316.00	1.00	338638	0.0025				
316.00	317.00	1.00	338639	0.0025				
317.00	318.00	1.00	338640	0.0025				
353.00	354.00	1.00	338642	0.0025				
354.00	355.00	1.00	338643	0.0025				
355.00	355.50	0.50	338644	0.0025				
355.50	356.00	0.50	338645	0.0025				
356.00	357.00	1.00	338646	0.246				

Hole: PAC-20-038

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			357.00	358.00	1.00	338647	0.318				
			358.00	359.00	1.00	338648	0.018				
			359.00	360.00	1.00	338649	0.0025				

End of Hole @ 369

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-039

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	MD	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	MD	**Date Started:**	2020-10-04	**Core Size:**	NQ
UTM East:	435790	**Azimuth:**	180	**Date Completed:**	2020-10-07	**Casing Pulled?:**	☐
UTM North:	5643377	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	430	**Length (m):**	255	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	IP anomaly			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	Reflex			-49	188			58261	☑	
15	Reflex			-48.9	188.4			57972	☑	
18	Reflex			-48.8	187.7			57669	☑	
21	Reflex			-48.8	188.1			57492	☑	
24	Reflex			-48.7	187.9			57394	☑	
27	Reflex			-48.7	188.6			57348	☑	
30	Reflex			-48.7	188.2			57323	☑	
33	Reflex			-48.6	188.2			57296	☑	
36	Reflex			-48.5	188.6			57312	☑	
39	Reflex			-48.5	188.7			57281	☑	
42	Reflex			-48.5	188.7			57308	☑	
45	Reflex			-48.4	189			57326	☑	
48	Reflex			-48.2	188.7			57290	☑	

Hole: PAC-20-039

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	Reflex			-48.2	188.8			57300	☑	
54	Reflex			-48.1	188.8			57275	☑	
57	Reflex			-47.9	188.9			58362	☑	
60	Reflex			-47.8	188.1			57554	☑	
63	Reflex			-47.7	188.4			57299	☑	
66	Reflex			-47.6	188.7			57359	☑	
69	Reflex			-47.5	188.5			57287	☑	
72	Reflex			-47.5	188.7			57271	☑	
75	Reflex			-47.4	188.8			57244	☑	
78	Reflex			-47.4	189.2			57254	☑	
81	Reflex			-47.3	189.5			57255	☑	
84	Reflex			-47.3	189.7			58203	☑	
87	Reflex			-47.3	189.4			57269	☑	
90	Reflex			-47.3	189.3			57274	☑	
93	Reflex			-47.2	189.3			57591	☑	
96	Reflex			-47.2	189.5			57296	☑	
99	Reflex			-47.2	189.6			57337	☑	
105	Reflex			-47.2	190.1			57373	☑	
108	Reflex			-47.2	189.9			57404	☑	
114	Reflex			-47.1	189.7			57199	☑	
120	Reflex			-47.1	190			57118	☑	
126	Reflex			-47.1	190.3			57315	☑	
132	Reflex			-47.1	190.3			57238	☑	
135	Reflex			-47.1	190.3			57233	☑	

Hole: PAC-20-039

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
138	Reflex			-47.1	190.2			57272	☑	
141	Reflex			-47.1	190.3			57240	☑	
144	Reflex			-47.2	190.2			57193	☑	
147	Reflex			-47.2	190.1			57229	☑	
150	Reflex			-47.2	190.4			57241	☑	
153	Reflex			-47.3	190.2			57238	☑	
156	Reflex			-47.3	190.5			57262	☑	
159	Reflex			-47.3	190.4			57263	☑	
162	Reflex			-47.2	190.4			57260	☑	
165	Reflex			-47.3	190.4			57259	☑	
168	Reflex			-47.2	190.6			57262	☑	
171	Reflex			-47.3	190.4			57275	☑	
174	Reflex			-47.3	190.5			57468	☑	
177	Reflex			-47.2	191			57281	☑	
180	Reflex			-47.2	190.9			57260	☑	
183	Reflex			-47.2	190.8			57256	☑	
186	Reflex			-47.2	190.8			57256	☑	
189	Reflex			-47.2	191			57268	☑	
192	Reflex			-47.2	190.8			57265	☑	
195	Reflex			-47.2	191			57270	☑	
198	Reflex			-47.1	191.1			57274	☑	
201	Reflex			-47.1	191.4			57277	☑	
204	Reflex			-47.2	191.1			57266	☑	
207	Reflex			-47.2	191.2			57279	☑	

Hole: PAC-20-039

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
210	Reflex			-47.1	191.2			57278	☑	
213	Reflex			-47.1	191.3			57272	☑	
216	Reflex			-47.1	191.3			57275	☑	
219	Reflex			-47.2	191.3			57286	☑	
222	Reflex			-47.2	191.4			57296	☑	
225	Reflex			-47.1	191.4			57275	☑	
228	Reflex			-47.1	191.3			57285	☑	
231	Reflex			-47.2	191.4			57280	☑	
234	Reflex			-47.1	191.3			57272	☑	
237	Reflex			-47.1	191.3			57279	☑	
240	Reflex			-47.2	191.5			57269	☑	
243	Reflex			-47.2	191.5			57287	☑	
246	Reflex			-47.1	191.5			57241	☑	
249	Reflex			-47.1	191.7			57220	☑	
252	Reflex			-47.1	191.7			57241	☑	
255	Reflex			-47.1	191.8			57237	☑	

Hole: PAC-20-039

From (m)	To (m)		Rock Type & Description		
0.00	3.00	OB	Overburden		
3.00	24.70	E1	mafic volcanics	dark grey	GS1

Dark grey massive mafic flow. Very dark and dense, most likely Mg rich volocanics, close to ultramafics. 5% of millimeteric Chlorite-Carbonate veinlets and stockwerk. 5% of fine to medium grained Plagioclases. Local traces of Py stringers

24.70	25.90	I2	Intermediate intrusive	medium grey	GS2

Dark grey fine to medium graiend dyke. Homogenous and massive. One 5 cm veinlets @ 25.2 with srroind K par alteration and Py-Po mineralization.

<<Min: 25.5 - 25.8: 2% chalcopyrite / 1% pyrrhotite>>

25.90	48.10	E1	mafic volcanics	dark grey	GS1

Dark grey massive mafic flow. Very dark and dense, most likely Mg rich volocanics, close to ultramafics. 5% of millimeteric Chlorite-Carbonate veinlets and stockwerk. 5% of fine to medium grained Plagioclases. Local traces of Py stringers

<<Min: 40.8 - 41.5: 1% pyrite>>

48.10	50.60	I3P	Porphyry	medium grey	GS2

Medium to light grey porpyhric intrusive. 25% or porphyric coars graiend plagioclases. Weak and irregular sericitic alteration. 1% of xenomorph diss fine grained Py.

50.60	51.50	I1	Mafic intrusive	dark grey	GS1

Dark grey very fine grained mafic intrusive. Traces of diss Py.

51.50	52.20	I3P	Porphyry	medium grey	GS1

Medium to light grey porpyhric intrusive. 25% or porphyric coars graiend plagioclases. Weak and irregular sericitic alteration. 1% of xenomorph diss fine grained Py.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
27.00	27.50	0.50	290001	0.018				
27.50	28.00	0.50	290002	0.009				
28.00	29.00	1.00	290003	0.0025				
40.00	40.80	0.80	290004	0.0025				
40.80	41.50	0.70	290005	0.022				
41.50	42.00	0.50	290006	0.0025				
47.00	48.10	1.10	290007	0.0025				
48.10	49.00	0.90	290008	0.0025				
49.00	50.00	1.00	290009	0.0025				
50.00	50.60	0.60	290010	0.0025				
50.60	51.50	0.90	290011	0.0025				
51.50	52.20	0.70	290012	0.0025				

Hole: PAC-20-039

From (m)	To (m)	Rock Type & Description		
52.20	**66.10**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Dark grey; massive but with patches of weak foliation at 45 degrees TCA; very fine grained; <<Alt: 61.9 - 64.1: strong Garnet>> 10-15% garnet alteration throughout interval.				
66.10	**67.30**	**I1** **Mafic intrusive**	**medium grey**	**GS2**
Mafic Dyke: medium grey; massive with sharp upper and lower contacts				
67.30	**91.20**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; weakly foliated throughout at 50 degrees TCA. 2-3% white late qtz-carb fracture veinlets 70% parallel to foliation, 30% cross cutting.				
91.20	**94.30**	**I3R** **Quartz-feldspar porphyry**	**"greenish"**	**GS3**
QFP Dyke: light green-gey; coarse grained; sharp upper (50) and lower (50) contacts with mafic volcanic;				
94.30	**125.40**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey, very fine grained, 101.9-105 m 1% cubes and stringers of pyrite mineralization pervasive throughout the interval. Undefined lower contact of broken core. <<Min: 101.9 - 125.4: 2% pyrite / 1% pyrrhotite>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
52.20	53.00	0.80	290013	0.012				
53.00	54.00	1.00	290014	0.026				
54.00	55.00	1.00	290015	0.0025				
55.00	56.00	1.00	290016	0.009				
56.00	57.00	1.00	290017	0.007				
57.00	58.00	1.00	290018	0.0025				
58.00	59.00	1.00	290019	0.009				
59.00	60.00	1.00	290021	0.0025				
60.00	61.00	1.00	290022	0.007				
61.00	62.00	1.00	290023	0.005				
62.00	63.00	1.00	290024	0.012				
63.00	64.10	1.10	290025	0.016				
94.30	95.00	0.70	290026	0.0025				
95.00	96.00	1.00	290027	0.008				
96.00	97.00	1.00	290028	0.0025				
97.00	98.00	1.00	290029	0.0025				
98.00	99.00	1.00	290030	0.0025				
99.00	100.00	1.00	290031	0.0025				
100.00	101.00	1.00	290032	0.0025				
101.00	102.00	1.00	290033	0.006				

Hole: PAC-20-039

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			102.00	103.00	1.00	290034	0.015				
			103.00	104.00	1.00	290035	0.0025				
			104.00	105.00	1.00	290036	0.007				
			105.00	106.00	1.00	290037	0.0025				
			106.00	107.00	1.00	290038	0.0025				
			107.00	108.00	1.00	290039	0.0025				
			108.00	109.00	1.00	290041	0.0025				
			109.00	110.00	1.00	290042	0.0025				
			110.00	111.00	1.00	290043	0.0025				
			111.00	112.00	1.00	290044	0.0025				
			112.00	113.00	1.00	290045	0.005				
			113.00	114.00	1.00	290046	0.0025				
			114.00	115.00	1.00	290047	0.0025				
			115.00	116.00	1.00	290048	0.017				
			116.00	117.00	1.00	290049	0.0025				
			117.00	118.00	1.00	290050	0.01				
			118.00	119.00	1.00	290051	0.0025				
			119.00	120.00	1.00	290052	0.017				
			120.00	121.00	1.00	290053	0.008				
			121.00	122.00	1.00	290054	0.014				
			122.00	123.00	1.00	290055	0.007				
			123.00	124.00	1.00	290056	0.0025				
			124.00	125.00	1.00	290057	0.0025				
			125.00	126.00	1.00	290058	0.0025				
125.40	**136.30**	**I3Q Quartz porphyry light grey GS0** Quartz porphyry?: possible QP that is strongly altered by silica and feldspar. Very weak foliation at 70 degrees TCA. Undefined lower contact. <<Alt: 125.4 - 127: intense K-feldspar / strong Silicification>> <<Alt: 127 - 136.3: strong Silicification / weak K-feldspar>> <<Struc: 125.4 - 127: complete Fault>> Broken core with strong k-spar alteration	126.00	127.00	1.00	290059	0.005				
			127.00	128.00	1.00	290061	0.0025				
			128.00	129.00	1.00	290062	0.0025				
			129.00	130.00	1.00	290063	0.0025				

Hole: PAC-20-039

From (m)	To (m)	Rock Type & Description
		<<Struc: 127 - 136.3: strong Shear / mylonitic foliation 70 deg. >> brittle shear/fault zone with rehealed breccia.
136.30	**178.70**	**E1 mafic volcanics dark grey GS1**
		Mafic Volcanic: dark grey; fine grained; late fracture infill with red feldspar. Massive but with very weak foliation at 40 degrees TCA.
		<<Min: 144.1 - 156.2: 1% pyrite>>
		<<Min: 162.7 - 163.9: 2% pyrite>>
		<<Min: 167.2 - 168: 1% pyrite>>
		<<Alt: 136.9 - 144.1: moderate K-feldspar>>
		<<Alt: 144.1 - 156.2: intense Silicification / moderate K-feldspar>>
		<<Alt: 156.2 - 169.7: strong Silicification>>
		<<Alt: 173.9 - 174.1: intense K-feldspar>>
		<<Struc: 144.1 - 156.2: intense Fault 80 deg. >> Fault/shear zone with silica flooding re-healed breccia. Complete brecciation from 153-155.3 m.
		<<Struc: 156.2 - 169.7: moderate Fault 45 deg. >>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
130.00	131.00	1.00	290064	0.0025				
131.00	132.00	1.00	290065	0.0025				
132.00	133.00	1.00	290066	0.0025				
133.00	134.00	1.00	290067	0.0025				
134.00	135.00	1.00	290068	0.0025				
135.00	136.30	1.30	290069	0.0025				
136.30	137.00	0.70	290070	0.0025				
137.00	138.00	1.00	290071	0.0025				
138.00	139.00	1.00	290072	0.0025				
139.00	140.00	1.00	290073	0.0025				
140.00	141.00	1.00	290074	0.0025				
141.00	142.00	1.00	290075	0.0025				
142.00	143.00	1.00	290076	0.0025				
143.00	144.10	1.10	290077	0.015				
144.10	145.00	0.90	290078	0.041				
145.00	146.00	1.00	290079	0.093				
146.00	147.00	1.00	290081	0.047				
147.00	148.00	1.00	290082	0.041				
148.00	149.00	1.00	290083	0.011				
149.00	150.00	1.00	290084	0.013				
150.00	151.00	1.00	290085	0.029				
151.00	152.00	1.00	290086	0.089				
152.00	153.00	1.00	290087	0.036				
153.00	154.00	1.00	290088	0.0025				
154.00	155.00	1.00	290089	0.0025				
155.00	156.20	1.20	290090	0.0025				
156.20	157.00	0.80	290091	0.0025				

Hole: PAC-20-039

From (m)	To (m)	Rock Type & Description
178.70	**229.80**	**E1 mafic volcanics "greenish" GS0**

Mafic Volcanic?: Litho unit has intense to complete silica/ pink feldspar overprinting the primary texture and strong later faulting/brecciation that has been re-healed with silica alteration. Varying degrees of faulting/fracturing intensity.

<<Min: 178.7 - 185.7: 2% pyrite>>

<<Min: 185.7 - 198: 1% pyrite>>

<<Alt: 178.7 - 183: moderate Silicification / weak Sericite>>

<<Alt: 183 - 191.3: intense Silicification / intense Sericite / moderate K-feldspar>>

<<Alt: 191.3 - 199: intense Silicification / strong K-feldspar / weak Sericite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
157.00	158.00	1.00	290092	0.0025				
158.00	159.00	1.00	290093	0.0025				
159.00	160.00	1.00	290094	0.0025				
160.00	161.00	1.00	290095	0.006				
161.00	162.00	1.00	290096	0.005				
162.00	163.00	1.00	290097	0.019				
163.00	164.00	1.00	290098	0.0025				
164.00	165.00	1.00	290099	0.0025				
165.00	166.00	1.00	290101	0.0025				
166.00	167.00	1.00	290102	0.0025				
167.00	168.00	1.00	290103	0.0025				
168.00	169.00	1.00	290104	0.0025				
169.00	170.00	1.00	290105	0.0025				
170.00	171.00	1.00	290106	0.0025				
171.00	172.00	1.00	290107	0.0025				
172.00	173.00	1.00	290108	0.0025				
173.00	174.00	1.00	290109	0.008				
174.00	175.00	1.00	290110	0.0025				
175.00	176.00	1.00	290111	0.008				
176.00	177.00	1.00	290112	0.0025				
177.00	178.00	1.00	290113	0.0025				
178.00	178.70	0.70	290114	0.0025				

Hole: PAC-20-039

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 199 - 206: intense Silicification / intense Sericite>> Intense green/grey silicification and sericite alteration associated with the fault zone.									
		<<Alt: 206 - 214: strong Silicification / moderate K-feldspar>>									
		<<Alt: 214 - 229.8: moderate Silicification / weak Sericite>> late fracturing throughout interval with silica/sericite alteration infilling the fractures. Weak silica alteration overprints entire interval.									
		<<Struc: 178.7 - 185.7: intense Fault 40 deg. / moderate Breccia 40 deg. >> Fault zone with minor brecciation that is re-healed fractures of silica alteration.									
		<<Struc: 185.7 - 185.9: intense Fault 40 deg. >> Fault with strong later brecciation									
		<<Struc: 185.9 - 191.3: intense Fault - breccia gouge>> Breccia fault zone: light green/grey; breccia has been re-healed by intense silica alteration overprinting primary texture.									
		<<Struc: 191.3 - 199: strong Fault>> Fault zone within a section of intense silica and pink feldspar alteration. Angles for the faulting criss cross in different directions.									
		<<Struc: 199 - 206: intense Breccia 45 deg. >> Breccia fault zone: light green/grey; re-healed brecciation with silica alteration; multi events of faulting/fracturing;									
		<<Struc: 206 - 212.6: strong Fault 30 deg. >> Breccia Fault: Weaker brecciation with intense sections from 210-210.7m and 212.2-212.5m.									
		<<Struc: 212.6 - 229.8: moderate Fault>> Fault zone: weaker zone of silica alteration and brecciation. Multiple angles of faulting and brecciation that overlay each other.									
			178.70	180.00	1.30	290115	0.012				
			180.00	181.00	1.00	290116	0.008				
			181.00	182.00	1.00	290117	0.007				
			182.00	183.00	1.00	290118	0.031				
			183.00	184.00	1.00	290119	0.061				
			184.00	185.00	1.00	290121	0.078				
			185.00	186.00	1.00	290122	0.01				
			186.00	187.00	1.00	290123	0.0025				
			187.00	188.00	1.00	290124	0.0025				
			188.00	189.00	1.00	290125	0.0025				
			189.00	190.00	1.00	290126	0.0025				
			190.00	191.30	1.30	290127	0.0025				
			191.30	192.00	0.70	290128	0.0025				
			192.00	193.00	1.00	290129	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			193.00	194.00	1.00	290130	0.0025				
			194.00	195.00	1.00	290131	0.0025				
			195.00	196.00	1.00	290132	0.009				
			196.00	197.00	1.00	290133	0.008				
			197.00	198.00	1.00	290134	0.006				
			198.00	199.00	1.00	290135	0.021				
			199.00	200.00	1.00	290136	0.0025				
			200.00	201.00	1.00	290137	0.0025				
			201.00	202.00	1.00	290138	0.0025				
			202.00	203.00	1.00	290139	0.0025				
			203.00	204.00	1.00	290141	0.0025				
			204.00	205.00	1.00	290142	0.0025				
			205.00	206.00	1.00	290143	0.0025				
			206.00	207.00	1.00	290144	0.0025				
			207.00	208.00	1.00	290145	0.0025				
			208.00	209.00	1.00	290146	0.0025				
			209.00	210.00	1.00	290147	0.0025				
			210.00	211.00	1.00	290148	0.0025				
			211.00	212.00	1.00	290149	0.0025				
			212.00	213.00	1.00	290150	0.0025				
			213.00	214.00	1.00	290151	0.0025				
			214.00	215.00	1.00	290152	0.0025				
			215.00	216.00	1.00	290153	0.0025				
			216.00	217.00	1.00	290154	0.0025				
			217.00	218.00	1.00	290155	0.0025				
			218.00	219.00	1.00	290156	0.0025				
			219.00	220.00	1.00	290157	0.0025				
			220.00	221.00	1.00	290158	0.0025				
			221.00	222.00	1.00	290159	0.0025				
			222.00	223.00	1.00	290161	0.0025				

Hole: PAC-20-039

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					223.00	224.00	1.00	290162	0.0025				
					224.00	225.00	1.00	290163	0.0025				
					225.00	226.00	1.00	290164	0.0025				
					226.00	227.00	1.00	290165	0.0025				
					227.00	228.00	1.00	290166	0.0025				
					228.00	229.00	1.00	290167	0.0025				
					229.00	229.80	0.80	290168	0.0025				
					229.80	230.40	0.60	290169	0.0025				
229.80	**230.40**	**I0**	**Ultramafic (intrusive)**	**medium green**	**GS1**								
Ultramafic dyke: medium green; fine grained; massive; sharp upper (55) and lower contacts (50).													
230.40	**255.00**	**E1**	**mafic volcanics**	**medium grey**	**GS1**								
Mafic Volcanics: faulted with re-healed fractures from 230.4-245.6m with moderate pervasive silica alt and sericite/silica alt within fractures. From 245.6-255 weak fracturing with silica/sericite infill and only weak pervasive silica alt. Minor mafic dyke 238.6-239.9 m. EOH at 255 m.													
<<Min: 244.3 - 255: 1% pyrite>> Very weak <1% disseminated pyrite throughout the section.													
<<Alt: 230.4 - 244.3: moderate Silicification / moderate Sericite>> Fault/fracture zone with breccia infill of silica/sericite. Fractures are light green in colour.													
<<Alt: 244.3 - 255: weak Silicification>> Weak pervasive silica alteration													
<<Struc: 230.4 - 245.6: moderate Fault 25 deg. >> Fault/fracture zone with re-healed silica/sericite brecciation. Varying angles and ages of faulting.													
					230.40	231.00	0.60	290170	0.0025				
					231.00	232.00	1.00	290171	0.0025				
					232.00	233.00	1.00	290172	0.0025				
					233.00	234.00	1.00	290173	0.0025				
					234.00	235.00	1.00	290174	0.0025				
					235.00	236.00	1.00	290175	0.0025				
					236.00	237.00	1.00	290176	0.0025				
					237.00	238.00	1.00	290177	0.0025				
					238.00	239.00	1.00	290178	0.0025				
					239.00	240.00	1.00	290179	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			240.00	241.00	1.00	290181	0.0025				
			241.00	242.00	1.00	290182	0.0025				
			242.00	243.00	1.00	290183	0.0025				
			243.00	244.30	1.30	290184	0.0025				
			244.30	245.60	1.30	290185	0.0025				
			245.60	247.00	1.40	290186	0.0025				
			247.00	248.00	1.00	290187	0.0025				
			248.00	249.00	1.00	290188	0.0025				
			249.00	250.00	1.00	290189	0.0025				
			250.00	251.00	1.00	290190	0.0025				
			251.00	252.00	1.00	290191	0.0025				
			252.00	253.00	1.00	290192	0.0025				
			253.00	254.00	1.00	290193	0.0025				
			254.00	255.00	1.00	290194	0.0025				

End of Hole @ 255

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-040

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	ML	**Date Started:**	2020-10-07	**Core Size:**	NQ
UTM East:	435888	**Azimuth:**	180	**Date Completed:**	2020-10-10	**Casing Pulled?:**	☐
UTM North:	5643363	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	430	**Length (m):**	252.47	**Drill Rig:**	Rig4	**Casing Depth (m):**	
Hole Status:	Completed	**Target:**	Ip target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling	2020-10-10	-49.5	176.3			57681	☑	
18	ReflexEZS	Nordik Drilling	2020-10-10	-49.4	176.6			57594	☑	
21	ReflexEZS	Nordik Drilling	2020-10-10	-49.3	176.9			57418	☑	
24	ReflexEZS	Nordik Drilling	2020-10-10	-49.3	176.9			57334	☑	
27	ReflexEZS	Nordik Drilling	2020-10-10	-49.2	176.7			57288	☑	
30	ReflexEZS	Nordik Drilling	2020-10-10	-49.1	177.3			57270	☑	
33	ReflexEZS	Nordik Drilling	2020-10-10	-49.1	177.1			57257	☑	
36	ReflexEZS	Nordik Drilling	2020-10-10	-49	177.3			57254	☑	
39	ReflexEZS	Nordik Drilling	2020-10-10	-49	177.5			57231	☑	
42	ReflexEZS	Nordik Drilling	2020-10-10	-48.9	177.3			57244	☑	
45	ReflexEZS	Nordik Drilling	2020-10-10	-48.9	177.6			57218	☑	
48	ReflexEZS	Nordik Drilling	2020-10-10	-48.9	177.6			57242	☑	
51	ReflexEZS	Nordik Drilling	2020-10-10	-48.8	178			57422	☑	

Hole: PAC-20-040

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	ReflexEZS	Nordik Drilling	2020-10-10	-48.7	177.8			57258	☑	
57	ReflexEZS	Nordik Drilling	2020-10-10	-48.7	177.7			57372	☑	
60	ReflexEZS	Nordik Drilling	2020-10-10	-48.7	177.8			57217	☑	
63	ReflexEZS	Nordik Drilling	2020-10-10	-48.7	177.8			57206	☑	
66	ReflexEZS	Nordik Drilling	2020-10-10	-48.7	178.1			57185	☑	
69	ReflexEZS	Nordik Drilling	2020-10-10	-48.6	178.1			57176	☑	
72	ReflexEZS	Nordik Drilling	2020-10-10	-48.6	178.2			57297	☑	
75	ReflexEZS	Nordik Drilling	2020-10-10	-48.5	178.5			57205	☑	
78	ReflexEZS	Nordik Drilling	2020-10-10	-48.4	178.7			57238	☑	
81	ReflexEZS	Nordik Drilling	2020-10-10	-48.4	179.1			57194	☑	
84	ReflexEZS	Nordik Drilling	2020-10-10	-48.4	178.7			57168	☑	
87	ReflexEZS	Nordik Drilling	2020-10-10	-48.3	179.1			57180	☑	
93	ReflexEZS	Nordik Drilling	2020-10-10	-48.2	179			57156	☑	
96	ReflexEZS	Nordik Drilling	2020-10-10	-48.1	179.4			57159	☑	
99	ReflexEZS	Nordik Drilling	2020-10-10	-48.1	179.4			57176	☑	
102	ReflexEZS	Nordik Drilling	2020-10-10	-48	179.5			57206	☑	
108	ReflexEZS	Nordik Drilling	2020-10-10	-47.8	179.9			57456	☑	
114	ReflexEZS	Nordik Drilling	2020-10-10	-47.6	180.2			57202	☑	
117	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.5			57243	☑	
120	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.5			57242	☑	
123	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.4			57276	☑	
126	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.6			57203	☑	
132	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.7			57247	☑	
135	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.9			57188	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
138	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	180.9			56909	☑	
141	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	181.1			57134	☑	
144	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	181.3			57208	☑	
147	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	181.2			57225	☑	
150	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	181.5			57239	☑	
153	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	181.5			57237	☑	
156	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	181.7			57252	☑	
159	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	181.8			57238	☑	
162	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	181.8			57246	☑	
165	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	182			57233	☑	
168	ReflexEZS	Nordik Drilling	2020-10-10	-47.5	182.2			57220	☑	
171	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	182.1			57237	☑	
174	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	182.2			57239	☑	
177	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	182.1			57218	☑	
180	ReflexEZS	Nordik Drilling	2020-10-10	-47.3	182.5			57215	☑	
183	ReflexEZS	Nordik Drilling	2020-10-10	-47.4	182.4			57213	☑	
186	ReflexEZS	Nordik Drilling	2020-10-10	-47.3	182.6			57232	☑	
189	ReflexEZS	Nordik Drilling	2020-10-10	-47.3	182.6			57246	☑	
192	ReflexEZS	Nordik Drilling	2020-10-10	-47.2	182.6			57213	☑	
195	ReflexEZS	Nordik Drilling	2020-10-10	-47.2	182.7			57395	☑	
198	ReflexEZS	Nordik Drilling	2020-10-10	-47.1	182.7			57236	☑	
201	ReflexEZS	Nordik Drilling	2020-10-10	-47	182.9			57247	☑	
204	ReflexEZS	Nordik Drilling	2020-10-10	-47	182.9			57218	☑	
207	ReflexEZS	Nordik Drilling	2020-10-10	-46.9	182.9			57213	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
210	ReflexEZS	Nordik Drilling	2020-10-10	-46.9	182.9			57196	☑	
213	ReflexEZS	Nordik Drilling	2020-10-10	-46.9	182.8			57211	☑	
216	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	182.8			57223	☑	
219	ReflexEZS	Nordik Drilling	2020-10-10	-46.9	182.7			57220	☑	
222	ReflexEZS	Nordik Drilling	2020-10-10	-46.9	182.9			57220	☑	
225	ReflexEZS	Nordik Drilling	2020-10-10	-46.9	182.8			57223	☑	
228	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	183			57215	☑	
231	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	183			57201	☑	
234	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	182.9			57211	☑	
237	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	182.9			57217	☑	
240	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	182.7			57222	☑	
243	ReflexEZS	Nordik Drilling	2020-10-10	-46.8	182.9			57271	☑	
246	ReflexEZS	Nordik Drilling	2020-10-10	-46.7	183.1			57193	☑	
249	ReflexEZS	Nordik Drilling	2020-10-10	-46.7	183			57208	☑	
252	ReflexEZS	Nordik Drilling	2020-10-10	-46.7	182.9			57422	☑	

Hole: PAC-20-040

From (m)	To (m)		Rock Type & Description		
0.00	3.00	CS	casing (no recovery)		
3.00	13.40	E1	mafic volcanics	dark grey	GS1
Mafic Volcanic: dark grey; fine grained; massive but with minor intervals of weak foliation at 50 degrees TCA. <5% late white quartz-carbonate veinlets/stringers parallel to foliation.					
13.40	14.20	I2	Intermediate intrusive	medium grey	GS2
Mafic intermediate dyke: massive; light grey; medium grained; sharp upper (50) and lower (50) contacts.					
14.20	16.30	E1	mafic volcanics	dark green	GS1
Mafic Volcanic: dark grey; moderate to strong pervasive foliation throughout interval. Sharp upper (50) and lower (55) contacts. <5% minor qtz-carb veinlets parallel to foliation.					
16.30	17.60	I1	Mafic intrusive	dark green	GS2
Mafic Dyke: medium grained; dark green; massive					
<<Min: 17.2 - 17.5: 2% chalcopyrite>> Fracture filled blebs of minor CP.					
17.60	23.10	I3Q	Quartz porphyry	light grey	GS2
Quartz Porphyry: medium grained; massive; light grey with white quartz eyes; very minor pink feldspar alteration. Sharp upper (55) and lower (60) contacts.					
23.10	43.90	E1	mafic volcanics	dark grey	GS1
Mafic Volcanic: dark grey; fine grained; weak to moderate foliation at 50 degrees TCA.					
<<Alt: 37.2 - 38: weak Garnet>> 5-8% garnet alteration patches in short interval.					
<<Alt: 41.6 - 42.3: intense Silicification>>					
<<Alt: 42.3 - 43.9: strong Biotite / weak Calcite>>					
<<Struc: 25.9 - 27.5: moderate Shear / mylonitic foliation 30 deg. >> Weak low angle (30) shear zone					
<<Struc: 41.6 - 42.3: strong Fault 40 deg. >> strong breccia fault infilled with epidote					
43.90	47.70	I3Q	Quartz porphyry	light grey	GS2
Quartz Porphyry: massive; medium to coarse grained; light grey with white coarser grained quartz eyes; Sharp upper (50) and lower (40) contacts.					
<<Struc: 43.9 - 44.1: strong Breccia 50 deg. >> strong Breccia infilled with epidote					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
15.00	16.30	1.30	290195	0.0025				
16.30	17.60	1.30	290196	0.0025				
17.60	19.00	1.40	290197	0.005				
19.00	20.00	1.00	290198	0.0025				
20.00	21.00	1.00	290199	0.0025				

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From (m)	To (m)		Rock Type & Description		
47.70	**49.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic volcanic: fine grained; dark grey; weak to moderate foliation at 45 degrees TCA.					
<<Alt: 47.7 - 49.5: strong Biotite>>					
49.50	**51.10**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
Quartz porphyry: medium grained with coarser white quartz eyes approx. 25%; massive; light grey with with white quartz eyes.					
<<Struc: 51 - 51.3: weak Fault 40 deg. >> weak shear					
51.10	**55.20**	**E1**	**mafic volcanics**	**dark green**	**GS1**
weakly brecciated small frags 3% Q/C background stringers,					
<<Alt: 51.1 - 62.5: strong Biotite / weak Calcite>>					
55.20	**56.00**	**I2A**	**Diorite**	**dark green**	**GS2**
56.00	**62.50**	**E1**	**mafic volcanics**	**brown**	**GS1**
Mafic volc weak mottled text weak biotite alt					
62.50	**64.40**	**I3**	**Felsic intrusive**	**light grey**	**GS1**
felsic dyke fine grained					
64.40	**67.60**	**E1**	**mafic volcanics**	**brown**	**GS1**
mod bio alt weak cal alt mottled text					
<<Alt: 64.4 - 67.6: strong Biotite>>					
67.60	**72.70**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**
2% blue Qtz eyes light gray					
72.70	**84.00**	**E1**	**mafic volcanics**	**brown**	**GS1**
strong Bio alt 1% Qtz stringers 1% Chalc stringers 2% Po 45Dg foliation					
<<Min: 72.7 - 80.7: 1% chalcopyrite / 2% pyrrhotite>> 1% Cchlc stringers, 2% fg Po diss					
<<Alt: 72.7 - 84: strong Biotite>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
72.00	72.70	0.70	290201	0.0025				
72.70	74.00	1.30	290202	0.0025				
74.00	75.00	1.00	290203	0.0025				
75.00	76.00	1.00	290204	0.01				
76.00	77.00	1.00	290205	0.025				
77.00	78.00	1.00	290206	0.008				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					78.00	79.00	1.00	290207	0.008				
					79.00	80.00	1.00	290208	0.01				
					80.00	81.00	1.00	290209	0.056				
					81.00	82.00	1.00	290210	0.018				
					82.00	83.00	1.00	290211	0.006				
					83.00	84.00	1.00	290212	0.015				
84.00	**85.70**	**E1**	**mafic volcanics**	**brown**	**GS1**	84.00	84.50	0.50	290213	0.0025				
10% in and out QFP strong bio alt														
<<Min: 85.3 - 85.4: 3% chalcopyrite>>						84.50	85.20	0.70	290214	0.029				
<<Alt: 84.4 - 92: strong Biotite>>						85.20	85.70	0.50	290215	0.0025				
<<Vein: 85.3 - 85.4: 65% Quartz vein contain >90% quartz>> disrupted Qtz vein chlc stingers														
85.70	**92.10**	**E1**	**mafic volcanics**	**brown**	**GS1**									
50 dg foliated mottled 1% chlc stringers stong bio alt														
<<Min: 85.7 - 92.1: 1% chalcopyrite / 2% pyrrhotite>>														
<<Alt: 92 - 100: moderate Silicification / moderate Carbonate>>														
					85.70	87.00	1.30	290216	0.025				
					87.00	88.00	1.00	290217	0.036				
					88.00	89.00	1.00	290218	0.03				
					89.00	90.00	1.00	290219	0.035				
					90.00	91.00	1.00	290221	0.023				
					91.00	92.00	1.00	290222	0.008				
					92.00	93.00	1.00	290223	0.0025				
92.10	**100.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**									
Dark green Masss Mafic Chl alt														
100.00	**101.20**	**I2**	**Intermediate intrusive**	**medium green**	**GS2**									
med green med grain intrusive														
101.20	**103.60**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
mod brecciated Mafic volcanics 1% carb veining														

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 101.2 - 125: weak Silicification / moderate Carbonate>>													
<<Struc: 101.2 - 103.6: moderate Breccia 50 deg. >>													
103.60	**130.90**	**E1**	**mafic volcanics**	**medium green**	**GS1**								
Mafic volcanics 5% Epidote filled fractures													
<<Min: 125.7 - 126: 5% pyrrhotite / 5% pyrite>>													
<<Min: 127.1 - 137.8: 3% pyrite / 2% pyrite>> Very coarse grain Py													
<<Vein: 125.7 - 126: 85% Quartz vein contain >90% quartz>> 30% gray Qtz fine grain Po/Py													
<<Struc: 113.7 - 114.5: moderate Breccia 45 deg. >>													
					125.00	125.70	0.70	290224	0.007				
					125.70	126.00	0.30	290225	0.0025				
					126.00	126.30	0.30	290226	0.005				
					126.30	127.00	0.70	290227	0.006				
					127.00	128.00	1.00	290228	0.0025				
					128.00	129.00	1.00	290229	0.007				
					129.00	130.00	1.00	290230	0.0025				
					130.00	131.00	1.00	290231	0.013				
130.90	**137.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**								
fault/breccia 3% very coarse grain Py													
<<Struc: 130.9 - 137.8: moderate Fault 35 deg. >>													
					131.00	132.00	1.00	290232	0.01				
					132.00	133.00	1.00	290233	0.0025				
					133.00	134.00	1.00	290234	0.0025				
					134.00	135.00	1.00	290235	0.008				
					135.00	136.00	1.00	290236	0.007				
					136.00	137.00	1.00	290237	0.007				
					137.00	137.80	0.80	290238	0.0025				

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From (m)	To (m)		Rock Type & Description		
137.80	**143.30**	**E1**	**mafic volcanics**	**medium green**	**GS1**
5% infilled joints Fg mafic volcanics					
143.30	**153.00**	**S3E**	**Wacke**	**"reddish"**	**GS1**
Hemitite altered well bedded metasedsepidote infilled fractures					
<<Min: 143.3 - 153: 5% pyrite>> 5% diss Fine grain Py					
<<Alt: 143.3 - 153: strong Hematitic / moderate K-feldspar / moderate Silicification>>					
153.00	**183.50**	**E1**	**mafic volcanics**	**"reddish"**	**GS1**
Hem altered epidote infilled fractures					
<<Min: 153 - 183: 5% pyrite>> 5% fg diss Py					
<<Alt: 153 - 183: strong Hematitic / moderate K-feldspar / moderate Silicification>>					
<<Struc: 153.2 - 154.1: strong Breccia 60 deg. >> strong breccia					
<<Struc: 173.3 - 174: strong Fault 1 deg. >> Strong low angle epidote infilled breccia gouge					
183.50	**186.50**	**E1**	**mafic volcanics**	**medium green**	**GS1**
Mass fg mafic					
186.50	**188.10**	**I3R**	**Quartz-feldspar porphyry**	**"reddish"**	**GS2**
kspar/hem altered QFP					
188.10	**188.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**
188.80	**193.30**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS2**
altered QFP					
<<Struc: 190.7 - 191.4: strong Breccia 40 deg. >> strong brccia gouge infilled with epidote					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
143.00	143.30	0.30	290239	0.0025				
143.30	144.00	0.70	290241	0.012				
144.00	145.00	1.00	290242	0.051				
145.00	146.00	1.00	290243	0.016				
146.00	147.00	1.00	290244	0.064				
147.00	148.00	1.00	290245	0.0025				
148.00	149.00	1.00	290246	0.017				
149.00	150.00	1.00	290247	0.026				
150.00	151.00	1.00	290248	0.02				
151.00	152.00	1.00	290249	0.015				
152.00	153.00	1.00	290250	0.031				
153.00	154.00	1.00	290251	0.016				

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From (m)	To (m)		Rock Type & Description		
193.30	**194.30**	**E1**	**mafic volcanics**	**medium green**	**GS1**
chl altered mafic volcan					
194.30	**195.00**	**I3R**	**Quartz-feldspar porphyry**	**"reddish"**	**GS2**
hem/kspar altered QFP					
<<Struc: 194.6 - 194.7: strong Fault 50 deg. >> strong breccia fault					
195.00	**197.90**	**E1**	**mafic volcanics**	**medium green**	**GS1**
chl alt fg mafic vol mass					
197.90	**198.60**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS2**
hem alt QFP					
198.60	**202.30**	**E1**	**mafic volcanics**	**"reddish"**	**GS1**
Hem alt Epidote filled fractures					
<<Alt: 200.7 - 202.3: moderate Hematitic>>					
<<Struc: 200.7 - 202.3: strong Breccia 60 deg. >> Several Breccia infilled with Epidote					
202.30	**252.47**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Silica/carb alt foliated mafics epidote filled fractures					
<<Min: 208.5 - 213.6: 5% pyrite>>					
<<Alt: 202.3 - 252.47: moderate Silicification / weak Carbonate / weak Hematitic>>					
<<Vein: 208.5 - 213.6: 10% with sulphides>>					
<<Struc: 213.7 - 213.8: strong Breccia 50 deg. >>					
<<Struc: 214.2 - 214.4: moderate Breccia 50 deg. >>					
<<Struc: 222.1 - 222.3: strong Breccia 15 deg. >>					
<<Struc: 235.8 - 236.3: strong Breccia 5 deg. >>					
<<Struc: 242.2 - 242.3: strong Breccia 30 deg. >>					

End of Hole @ 252.47

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
208.00	208.50	0.50	290252	0.052				
208.50	209.00	0.50	290253	0.056				
209.00	210.00	1.00	290254	0.07				
210.00	211.00	1.00	290255	0.025				
211.00	212.00	1.00	290256	0.024				
212.00	213.00	1.00	290257	0.017				
213.00	213.60	0.60	290258	0.018				
213.60	214.40	0.80	290259	0.063				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-041

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-10-10	**Core Size:**	NQ
UTM East:	436071	**Azimuth:**	180	**Date Completed:**	2020-10-14	**Casing Pulled?:**	☐
UTM North:	5643318	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	424	**Length (m):**	309	**Drill Rig:**	Rig4	**Casing Depth (m):**	
Hole Status:	Completed	**Target:**	IP target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☐

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling		-49.6	183.5			58312	☑	
18	ReflexEZS	Nordik Drilling		-49.5	183.9			57583	☑	
21	ReflexEZS	Nordik Drilling		-49.4	184.2			57254	☑	
24	ReflexEZS	Nordik Drilling		-49.4	184.4			57042	☑	
27	ReflexEZS	Nordik Drilling		-49.3	184.4			57096	☑	
30	ReflexEZS	Nordik Drilling		-49.1	184.7			56960	☑	
33	ReflexEZS	Nordik Drilling		-48.9	185.1			56896	☑	
36	ReflexEZS	Nordik Drilling		-48.8	185.2			56850	☑	
39	ReflexEZS	Nordik Drilling		-48.6	185.7			56849	☑	
42	ReflexEZS	Nordik Drilling		-48.5	185.9			56846	☑	
45	ReflexEZS	Nordik Drilling		-48.4	186.3			56847	☑	
48	ReflexEZS	Nordik Drilling		-48.3	186.7			56816	☑	
66	ReflexEZS	Nordik Drilling		-48	187.3			56767	☑	

Hole: PAC-20-041

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
69	ReflexEZS	Nordik Drilling		-48	187.3			56790	☑	
72	ReflexEZS	Nordik Drilling		-47.9	187.3			56796	☑	
75	ReflexEZS	Nordik Drilling		-47.9	187.3			56761	☑	
78	ReflexEZS	Nordik Drilling		-47.8	187.6			56747	☑	
81	ReflexEZS	Nordik Drilling		-47.9	187.5			56756	☑	
84	ReflexEZS	Nordik Drilling		-47.8	187.8			56754	☑	
87	ReflexEZS	Nordik Drilling		-47.9	187.7			56809	☑	
90	ReflexEZS	Nordik Drilling		-47.7	187.7			56783	☑	
99	ReflexEZS	Nordik Drilling		-47.5	187.9			56818	☑	
102	ReflexEZS	Nordik Drilling		-47.4	188.2			56920	☑	
105	ReflexEZS	Nordik Drilling		-47.4	188.4			56906	☑	
108	ReflexEZS	Nordik Drilling		-47.3	188.4			56865	☑	
111	ReflexEZS	Nordik Drilling		-47.2	188.6			56849	☑	
114	ReflexEZS	Nordik Drilling		-47.2	188.6			56821	☑	
117	ReflexEZS	Nordik Drilling		-47.1	188.8			56794	☑	
120	ReflexEZS	Nordik Drilling		-47.1	188.6			56774	☑	
123	ReflexEZS	Nordik Drilling		-47.1	188.8			56741	☑	
126	ReflexEZS	Nordik Drilling		-47.1	188.5			56723	☑	
138	ReflexEZS	Nordik Drilling		-46.9	188.7			56673	☑	
141	ReflexEZS	Nordik Drilling		-46.9	189			56738	☑	
144	ReflexEZS	Nordik Drilling		-46.9	188.9			56740	☑	
147	ReflexEZS	Nordik Drilling		-46.8	189.1			56770	☑	
150	ReflexEZS	Nordik Drilling		-46.8	189.1			56800	☑	
153	ReflexEZS	Nordik Drilling		-46.8	189.2			56825	☑	

Hole: PAC-20-041

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
156	ReflexEZS	Nordik Drilling		-46.8	188.8			57053	☑	
162	ReflexEZS	Nordik Drilling		-46.7	189			56884	☑	
165	ReflexEZS	Nordik Drilling		-46.6	189.1			56876	☑	
168	ReflexEZS	Nordik Drilling		-46.6	188.9			56849	☑	
171	ReflexEZS	Nordik Drilling		-46.6	189.2			56839	☑	
174	ReflexEZS	Nordik Drilling		-46.5	189			56820	☑	
177	ReflexEZS	Nordik Drilling		-46.5	189.2			56795	☑	
180	ReflexEZS	Nordik Drilling		-46.4	189.1			56799	☑	
183	ReflexEZS	Nordik Drilling		-46.4	189.3			56782	☑	
186	ReflexEZS	Nordik Drilling		-46.3	189.4			56792	☑	
189	ReflexEZS	Nordik Drilling		-46.2	189.4			56811	☑	
192	ReflexEZS	Nordik Drilling		-46.2	189.4			56809	☑	
195	ReflexEZS	Nordik Drilling		-46.2	189.4			56818	☑	
198	ReflexEZS	Nordik Drilling		-46	189.6			56813	☑	
201	ReflexEZS	Nordik Drilling		-46	189.5			56823	☑	
204	ReflexEZS	Nordik Drilling		-46	189.8			56840	☑	
207	ReflexEZS	Nordik Drilling		-46	189.7			56829	☑	
210	ReflexEZS	Nordik Drilling		-46	189.6			56828	☑	
213	ReflexEZS	Nordik Drilling		-46	189.6			56938	☑	
216	ReflexEZS	Nordik Drilling		-46	189.6			56838	☑	
219	ReflexEZS	Nordik Drilling		-46	189.9			56846	☑	
222	ReflexEZS	Nordik Drilling		-46	189.4			56917	☑	
225	ReflexEZS	Nordik Drilling		-46	189.7			56999	☑	
228	ReflexEZS	Nordik Drilling		-46	189.9			56872	☑	

Hole: PAC-20-041

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
234	ReflexEZS	Nordik Drilling		-45.9	190			56945	☑	
246	ReflexEZS	Nordik Drilling		-45.9	189.5			56701	☑	
249	ReflexEZS	Nordik Drilling		-45.8	189.7			57153	☑	
258	ReflexEZS	Nordik Drilling		-45.7	189.8			56743	☑	
261	ReflexEZS	Nordik Drilling		-45.7	189.7			56766	☑	
264	ReflexEZS	Nordik Drilling		-45.6	189.9			56717	☑	
267	ReflexEZS	Nordik Drilling		-45.6	190			56962	☑	
270	ReflexEZS	Nordik Drilling		-45.6	190			56763	☑	
273	ReflexEZS	Nordik Drilling		-45.6	189.8			56717	☑	
276	ReflexEZS	Nordik Drilling		-45.5	189.9			56778	☑	
279	ReflexEZS	Nordik Drilling		-45.5	190			56781	☑	
282	ReflexEZS	Nordik Drilling		-45.5	190			56780	☑	
285	ReflexEZS	Nordik Drilling		-45.5	189.8			56773	☑	
288	ReflexEZS	Nordik Drilling		-45.5	190			56766	☑	
291	ReflexEZS	Nordik Drilling		-45.5	189.9			56792	☑	
294	ReflexEZS	Nordik Drilling		-45.5	189.8			56759	☑	
297	ReflexEZS	Nordik Drilling		-45.5	189.9			56781	☑	
300	ReflexEZS	Nordik Drilling		-45.5	189.9			56817	☑	
306	ReflexEZS	Nordik Drilling		-45.4	189.8			56798	☑	
309	ReflexEZS	Nordik Drilling		-45.4	190			56776	☑	

Hole: PAC-20-041

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**9.00**	**CS**	**casing (no recovery)**											
9.00	**32.40**	**E1**	**mafic volcanics**	**brown**	**GS1**	29.00	30.00	1.00	290261	0.006				
mafic vol mod foliated, mod Bio/cal alt, plag lath														
<<Alt: 9 - 32.4: moderate Biotite / moderate Calcite>>						30.00	31.00	1.00	290262	0.009				
<<Struc: 30.1 - 30.15: moderate Breccia 40 deg. >> breccia infilled with epidote						31.00	32.00	1.00	290263	0.011				
						32.00	33.00	1.00	290264	0.01				
32.40	**41.00**	**E1**	**mafic volcanics**	**medium green**	**GS1**	33.00	34.00	1.00	290265	0.0025				
mod bio alt weakly fol 1% carb stringers, 0.5% chlc stringers														
<<Alt: 32.4 - 41: weak Biotite>>														
41.00	**42.90**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**									
Light gray QFP coarse grain														
42.90	**46.50**	**E1A**	**Basalt**	**dark green**	**GS1**									
Mass Mafic vol 0.5% carb stringers														
<<Alt: 42.9 - 46.5: strong Biotite>>														
46.50	**56.20**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**	48.00	48.50	0.50	290266	0.0025				
light gray coarse grain QFP, late fractures some late qtz veining with coarse grain Py														
<<Min: 48.5 - 49.4: 5% pyrrhotite / 2% chalcopyrite>>						48.50	49.40	0.90	290267	0.027				
<<Min: 53.6 - 54.8: 5% pyrrhotite / 2% chalcopyrite>>						49.40	50.00	0.60	290268	0.011				
<<Vein: 48.5 - 49.4: 15% with sulphides>>						53.00	53.60	0.60	290269	0.0025				
<<Vein: 53.6 - 54.8: 15% with sulphides>>						53.60	54.80	1.20	290270	0.011				
						54.80	55.50	0.70	290271	0.005				
						55.50	56.20	0.70	290272	0.006				
						56.20	57.00	0.80	290273	0.01				
56.20	**59.20**	**E1**	**mafic volcanics**	**medium green**	**GS1**	57.00	58.00	1.00	290274	0.008				
well foliated 45 dg maficvolcanicsplag laths														
<<Struc: 56.2 - 59.2: strong Foliation 40 deg. >>						58.00	59.20	1.20	290275	0.009				
59.20	**63.30**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS2**									
Light gray QFP med grain														

Hole: PAC-20-041

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
63.30	**66.10**	**I3 Felsic intrusive**	**light grey**	**GS0**									
Aphanitic felsic intrusive some 5% med grain felds													
<<Alt: 63.3 - 66.1: strong Silicification>>													
					65.50	66.10	0.60	290276	0.006				
66.10	**71.80**	**E1 mafic volcanics**	**brown**	**GS2**									
med grain amph strong bio alt chlc stringersQ/C foliated veinlets													
<<Min: 66.1 - 70.3: 2% chalcopyrite / 1% pyrrhotite>>													
<<Min: 70.3 - 71.8: 1% chalcopyrite / 1% pyrrhotite>>													
<<Alt: 66.1 - 72: strong Amphibole / strong Biotite>>													
<<Vein: 70.3 - 71.8: 30% with sulphides>>													
					66.10	67.00	0.90	290277	0.097				
					67.00	68.00	1.00	290278	0.013				
					68.00	69.00	1.00	290279	0.088				
					69.00	70.30	1.30	290281	0.128				
					70.30	71.00	0.70	290282	0.07				
					71.00	71.80	0.80	290283	0.017				
					71.80	72.50	0.70	290284	0.0025				
71.80	**80.60**	**E1 mafic volcanics**	**brown**	**GS1**									
Fg mafics weakly foliated, mod bio alt2% carb veining													
80.60	**89.40**	**I3R Quartz-feldspar porphyry**	**light grey**	**GS3**									
light gray weakly hem altered													
89.40	**93.50**	**E1 mafic volcanics**	**medium green**	**GS1**									
weakly fractured infilled with epidote, weak bio alt													
93.50	**95.50**	**I3R Quartz-feldspar porphyry**	**light grey**	**GS2**									
hem alt lg QFP med grain													
95.50	**102.70**	**E1 mafic volcanics**	**"reddish"**	**GS1**	98.00	98.50	0.50	290285	0.0025				
hem/Kspar alt fractured with infilled with epidote blocky ground from 96.2-102.7													
<<Min: 98.5 - 98.9: 5% pyrrhotite>> Gray Qtz vein faulted 5% Po stringers					98.50	99.00	0.50	290286	0.017				
<<Alt: 96 - 102.7: strong Hematitic / moderate K-feldspar>>					99.00	99.90	0.90	290287	0.0025				

Hole: PAC-20-041

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 98.5 - 98.9: 60% with sulphides>>														
<<Struc: 98.9 - 99.3: strong Breccia 65 deg. >> strong breccia strongly hem altsmall vuggy patches														
102.70	**105.00**	**E1**	**mafic volcanics**	**light grey**	**GS1**									
light gray mafic vol strong silica/carb alt														
<<Alt: 102.7 - 105: moderate Silicification / moderate Carbonate>>														
105.00	**107.60**	**E1**	**mafic volcanics**	**"reddish"**	**GS1**									
hem/kspar stong alt, fractured infilled with epidote														
<<Alt: 105 - 107.6: strong Hematitic / moderate K-feldspar>>														
107.60	**111.00**	**E1**	**mafic volcanics**	**light grey**	**GS1**									
light gray silica/carb altered fractures infilled with epidote														
<<Alt: 107.6 - 111.2: moderate Silicification / moderate Carbonate>>														
111.00	**132.50**	**E1**	**mafic volcanics**	**"reddish"**	**GS1**	126.00	126.80	0.80	290288	0.0025				
Hem/kspar stongly altered, fractures infilled with epidote														
<<Min: 126.8 - 128.5: 2% pyrite / 1% chalcopyrite>>						126.80	127.80	1.00	290289	0.0025				
<<Alt: 111.2 - 123: strong Hematitic / strong K-feldspar>>						127.80	128.50	0.70	290290	0.0025				
<<Struc: 123 - 123.1: strong Breccia 65 deg. >> breccia infilled with epidote						128.50	129.00	0.50	290291	0.0025				
132.50	**134.70**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**									
hem Alt QFP coarse grain														
<<Alt: 132.5 - 221.4: strong Hematitic / strong K-feldspar>>														
134.70	**136.30**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
patchy mod Hem/Kspar altered mafic volc														
136.30	**136.90**	**I3**	**Felsic intrusive**	**"reddish"**	**GS3**									
Hem altered Felsic intrusive														
136.90	**139.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**									
weakly foliated mafic vol weak blocky														
139.00	**152.00**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS2**									
Hem/pot altered mod foliated epidote filled fractures some green/beige epidote														
152.00	**158.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**									
Scattered coarse grai euhedral Py, fractures infilled with bright green epidote														

Hole: PAC-20-041

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Min: 152 - 158: 1% pyrite>> 1% coarse euhedral Py scattered grains													
<<Vein: 152.47 - 152.75: 45% with sulphides>> Faulted strong bright green epidote filled fractures 0.5% Py													
<<Struc: 157.8 - 158: strong Breccia 35 deg. >> breccia strong													
158.00	**160.10**	**I3S**	**Feldspar porphyry**	**"reddish"** **GS3**									
Hem/Kspar alt mod foliated green/beige epidote filled fractures													
160.10	**161.10**	**I1**	**Mafic intrusive**	**dark green** **GS1**									
bright blue calcite stringers brecciated													
161.10	**177.30**	**I3S**	**Feldspar porphyry**	**"reddish"** **GS2**									
Hem/Kspar patchy alteration green/beige epidote filled fracutures													
<<Struc: 174.4 - 174.9: strong Breccia 40 deg. >> breccia gouge infilled with greenish/beige epidote													
177.30	**182.00**	**I3R**	**Quartz-feldspar porphyry**	**light grey** **GS3**									
Light gray QFP weak hem/Kspar alt													
182.00	**183.50**	**E1**	**mafic volcanics**	**dark green** **GS1**									
dk green Mafic carb altered													
183.50	**187.80**	**I3S**	**Feldspar porphyry**	**"reddish"** **GS2**									
hem/kspar patchy alteration epidote filled fractures													
<<Struc: 186.2 - 186.9: strong Breccia 35 deg. >> Breccia gouge infilled with epidote													
187.80	**188.80**	**E1**	**mafic volcanics**	**dark green** **GS1**									
dk green mass													
188.80	**243.30**	**I3S**	**Feldspar porphyry**	**"reddish"** **GS2**									
hem/kspar patchy alt epidote filled fractures, 5% med gran phenocrysts, weakly foliated 50Dg													
<<Min: 190.3 - 191.4: 2% pyrite>> 2% Fine grain diss Py													
<<Alt: 221.4 - 243.3: moderate Hematitic / moderate K-feldspar>>													
<<Struc: 213 - 215.2: strong Breccia 20 deg. >> Breccia gouge infilled with epidote													
<<Struc: 234.2 - 234.3: moderate Breccia 45 deg. >>													
243.30	**246.20**	**E1**	**mafic volcanics**	**medium green** **GS1**									
weakly foliated 50dg mafic volcanics chl weak amph alteration, 1% carb stringers													
246.20	**246.50**	**I3S**	**Feldspar porphyry**	**light grey** **GS3**									
light gray porphry 20% phenocrysts weak hem/kspar alt													

Hole: PAC-20-041

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
246.50	**249.20**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
weakly foliated 50dg med green fine grain mafic volcanics 2% carb stringers														
<<Struc: 249 - 249.2: moderate Breccia 40 deg. >>														
249.20	**252.80**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**									
light gray QFP 35% phenocryts, moderatly foliated at 50dg														
252.80	**258.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**	257.00	257.70	0.70	290292	0.0025				
medium green mafic volcanics, moderatly foliated at 30dg, 1% carb stringers														
<<Alt: 252.8 - 258.8: moderate Carbonate>>						257.70	258.00	0.30	290293	0.0025				
<<Vein: 257.7 - 258: 50% Quartz vein contain >90% quartz>> Barren Qtz vein						258.00	258.50	0.50	290294	0.007				
258.80	**260.30**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS3**									
redish/gray FPO hem/Kspar mod alteration 30% phenocrysts moderatly foliated at 50dg														
260.30	**264.50**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
264.50	**264.90**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**									
Kspar/Hem alt 35% phenocryst moderately floiated 45dg														
264.90	**267.20**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
strongly foliated with coarse carb pheno 15% streched mafic volcanics														
267.20	**282.00**	**E2**	**Intermediate**	**medium green**	**GS2**									
massive medium grain mafic medium green amp/chl alt 1% fine grain Py dissemnated														
282.00	**284.80**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**									
weak hem/kspar alt 25% phenocrsts moderatly foliated														
284.80	**290.20**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
fine grain weakly foliated mafic volcanic														
290.20	**290.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**									
medium grain mafic intrusive														

Hole: PAC-20-041

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
290.70	**309.00**	**I3S**	**Feldspar porphyry**	**light green** **GS3**									

weak hem/kspar altered Fpo 30% phenocrysts moderatly foliated at 40 dg. EOH=309 m.

<<Alt: 290.7 - 309: weak Hematitic / weak K-feldspar>>

<<Struc: 290.7 - 291: strong Breccia 86 deg. >>

<<Struc: 291.7 - 299: strong Foliation 50 deg. >>

End of Hole @ 309

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-042

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2020-10-14	**Core Size:**	NQ
UTM East:	435989	**Azimuth:**	180	**Date Completed:**	2020-10-19	**Casing Pulled?:**	☐
UTM North:	5643406	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	427	**Length (m):**	336	**Drill Rig:**	Rig4	**Casing Depth (m):**	
						Reduced (m):	
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduceed Size:**	
Hole Purpose:	EXPL					**Oriented?:**	☑

Comments:
High Au Assay (1.1ppm over 2m)

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
21	ReflexEZS	Nordik Drilling	2020-10-19	-51	183.5			57444	☑	
24	ReflexEZS	Nordik Drilling	2020-10-19	-50.7	183.6			57064	☑	
27	ReflexEZS	Nordik Drilling	2020-10-19	-50.6	183.6			56902	☑	
30	ReflexEZS	Nordik Drilling	2020-10-19	-50.5	183.8			56838	☑	
33	ReflexEZS	Nordik Drilling	2020-10-19	-50.4	183.7			56763	☑	
36	ReflexEZS	Nordik Drilling	2020-10-19	-50.4	183.7			56745	☑	
42	ReflexEZS	Nordik Drilling	2020-10-19	-50.2	183.8			57616	☑	
48	ReflexEZS	Nordik Drilling	2020-10-19	-50.1	184.4			56342	☑	
54	ReflexEZS	Nordik Drilling	2020-10-19	-50	184.4			56800	☑	
57	ReflexEZS	Nordik Drilling	2020-10-19	-49.9	184.4			56861	☑	
63	ReflexEZS	Nordik Drilling	2020-10-19	-49.9	184.3			56808	☑	
66	ReflexEZS	Nordik Drilling	2020-10-19	-49.8	184.5			57061	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
69	ReflexEZS	Nordik Drilling	2020-10-19	-49.8	184.3			56856	☑	
72	ReflexEZS	Nordik Drilling	2020-10-19	-49.8	184.4			56842	☑	
75	ReflexEZS	Nordik Drilling	2020-10-19	-49.7	184.5			56878	☑	
78	ReflexEZS	Nordik Drilling	2020-10-19	-49.7	184.6			56844	☑	
81	ReflexEZS	Nordik Drilling	2020-10-19	-49.6	184.3			56906	☑	
84	ReflexEZS	Nordik Drilling	2020-10-19	-49.6	184.2			56940	☑	
87	ReflexEZS	Nordik Drilling	2020-10-19	-49.5	184.4			56851	☑	
90	ReflexEZS	Nordik Drilling	2020-10-19	-49.5	184.3			56847	☑	
93	ReflexEZS	Nordik Drilling	2020-10-19	-49.4	184.6			56851	☑	
96	ReflexEZS	Nordik Drilling	2020-10-19	-49.4	184.8			56789	☑	
99	ReflexEZS	Nordik Drilling	2020-10-19	-49.3	184.4			56815	☑	
105	ReflexEZS	Nordik Drilling	2020-10-19	-49.3	184.4			56831	☑	
108	ReflexEZS	Nordik Drilling	2020-10-19	-49.2	184.8			56838	☑	
111	ReflexEZS	Nordik Drilling	2020-10-19	-49.2	184.6			56868	☑	
114	ReflexEZS	Nordik Drilling	2020-10-19	-49.1	184.6			56871	☑	
117	ReflexEZS	Nordik Drilling	2020-10-19	-49	184.7			56863	☑	
120	ReflexEZS	Nordik Drilling	2020-10-19	-49	184.5			56858	☑	
123	ReflexEZS	Nordik Drilling	2020-10-19	-49	184.7			56853	☑	
126	ReflexEZS	Nordik Drilling	2020-10-19	-48.9	184.7			56873	☑	
129	ReflexEZS	Nordik Drilling	2020-10-19	-48.8	184.6			56876	☑	
132	ReflexEZS	Nordik Drilling	2020-10-19	-48.8	184.7			56883	☑	
135	ReflexEZS	Nordik Drilling	2020-10-19	-48.8	184.7			56877	☑	
138	ReflexEZS	Nordik Drilling	2020-10-19	-48.7	184.7			56869	☑	
141	ReflexEZS	Nordik Drilling	2020-10-19	-48.7	184.8			56894	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	ReflexEZS	Nordik Drilling	2020-10-19	-48.6	185			56884	☑	
147	ReflexEZS	Nordik Drilling	2020-10-19	-48.6	184.9			56884	☑	
150	ReflexEZS	Nordik Drilling	2020-10-19	-48.5	184.9			56902	☑	
153	ReflexEZS	Nordik Drilling	2020-10-19	-48.5	184.9			56896	☑	
156	ReflexEZS	Nordik Drilling	2020-10-19	-48.5	185			56831	☑	
159	ReflexEZS	Nordik Drilling	2020-10-19	-48.4	185.1			56881	☑	
162	ReflexEZS	Nordik Drilling	2020-10-19	-48.3	185			56899	☑	
165	ReflexEZS	Nordik Drilling	2020-10-19	-48.3	185.2			56908	☑	
171	ReflexEZS	Nordik Drilling	2020-10-19	-48.2	185			56903	☑	
174	ReflexEZS	Nordik Drilling	2020-10-19	-48.2	185.1			56922	☑	
177	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.2			56922	☑	
180	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.5			56956	☑	
183	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.7			57014	☑	
186	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.6			57094	☑	
189	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.8			57001	☑	
192	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.8			56889	☑	
195	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.5			56897	☑	
198	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.4			56903	☑	
201	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.4			56913	☑	
204	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.4			56911	☑	
207	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.5			56931	☑	
210	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.5			56945	☑	
213	ReflexEZS	Nordik Drilling	2020-10-19	-48.1	185.5			56940	☑	
216	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.5			56939	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
219	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.5			56940	☑	
222	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.6			56941	☑	
225	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.5			56927	☑	
228	ReflexEZS	Nordik Drilling	2020-10-19	-48	185.6			56942	☑	
231	ReflexEZS	Nordik Drilling	2020-10-19	-47.9	185.7			56933	☑	
234	ReflexEZS	Nordik Drilling	2020-10-19	-47.8	185.7			56907	☑	
237	ReflexEZS	Nordik Drilling	2020-10-19	-47.7	185.6			56938	☑	
240	ReflexEZS	Nordik Drilling	2020-10-19	-47.7	185.8			56886	☑	
243	ReflexEZS	Nordik Drilling	2020-10-19	-47.6	185.6			57004	☑	
246	ReflexEZS	Nordik Drilling	2020-10-19	-47.5	185.5			57015	☑	
249	ReflexEZS	Nordik Drilling	2020-10-19	-47.5	186			56931	☑	
252	ReflexEZS	Nordik Drilling	2020-10-19	-47.5	185.6			56925	☑	
255	ReflexEZS	Nordik Drilling	2020-10-19	-47.4	186			56930	☑	
258	ReflexEZS	Nordik Drilling	2020-10-19	-47.4	185.9			56900	☑	
261	ReflexEZS	Nordik Drilling	2020-10-19	-47.4	185.9			56913	☑	
264	ReflexEZS	Nordik Drilling	2020-10-19	-47.4	186			56939	☑	
267	ReflexEZS	Nordik Drilling	2020-10-19	-47.3	185.9			56901	☑	
270	ReflexEZS	Nordik Drilling	2020-10-19	-47.3	185.7			56925	☑	
273	ReflexEZS	Nordik Drilling	2020-10-19	-47.3	185.9			56880	☑	
276	ReflexEZS	Nordik Drilling	2020-10-19	-47.2	185.7			56874	☑	
285	ReflexEZS	Nordik Drilling	2020-10-19	-47.1	186.1			56848	☑	
288	ReflexEZS	Nordik Drilling	2020-10-19	-47.1	186.2			56978	☑	
291	ReflexEZS	Nordik Drilling	2020-10-19	-47.1	185.8			57094	☑	
294	ReflexEZS	Nordik Drilling	2020-10-19	-47.1	185.9			56988	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
297	ReflexEZS	Nordik Drilling	2020-10-19	-47.1	186.1			56908	☑	
300	ReflexEZS	Nordik Drilling	2020-10-19	-47	186			56907	☑	
303	ReflexEZS	Nordik Drilling	2020-10-19	-47	185.8			56946	☑	
306	ReflexEZS	Nordik Drilling	2020-10-19	-47	185.9			56864	☑	
309	ReflexEZS	Nordik Drilling	2020-10-19	-47	185.9			56849	☑	
312	ReflexEZS	Nordik Drilling	2020-10-19	-46.9	185.8			56892	☑	
315	ReflexEZS	Nordik Drilling	2020-10-19	-46.9	185.7			56893	☑	
318	ReflexEZS	Nordik Drilling	2020-10-19	-46.9	185.9			56866	☑	
321	ReflexEZS	Nordik Drilling	2020-10-19	-46.8	186			56884	☑	
324	ReflexEZS	Nordik Drilling	2020-10-19	-46.8	186			56880	☑	
327	ReflexEZS	Nordik Drilling	2020-10-19	-46.8	185.9			56875	☑	
330	ReflexEZS	Nordik Drilling	2020-10-19	-46.7	185.9			56859	☑	
333	ReflexEZS	Nordik Drilling	2020-10-19	-46.7	185.9			56897	☑	
336	ReflexEZS	Nordik Drilling	2020-10-19	-46.6	185.9			56850	☑	

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**10.00**	**CS**	**casing (no recovery)**											
10.00	**14.70**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Mafic Volcanic: 25% altered by weak felsic intrusion with silica and K-spar alteration. Fine grained with weak foliation at 65 degrees. Sharp lower contact at 65 degrees with mafic dyke.														
<<Alt: 11.5 - 12.9: weak K-feldspar / weak Silicification>> Alteration related to weak intrusion.														
<<Struc: 13.8 - 13.9: weak Foliation 50 deg. >>														
14.70	**16.70**	**I1**	**Mafic intrusive**	**medium grey**	**GS2**									
Mafic Dyke: massive and medium grained mafic dyke. Sharp upper (65) and lower (45) contacts.														
16.70	**19.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: weakly foliated at 50 degrees TCA; fine grained.														
<<Alt: 16.7 - 17.2: moderate Chlorite>>														
19.00	**23.20**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**									
QP: massive but with sections of very weak foliation at 60 degrees; 20% 1 mm rounded quartz eyes; Sharp upper and lower contacts.														
23.20	**25.70**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: moderately foliated at 50 degrees; sharp upper and lower contacts.														
<<Struc: 24.2 - 24.3: weak Foliation 50 deg. >>														
25.70	**28.00**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**									
QP: light grey; medium grained with 20% coarser grained 1-4 mm white quartz eyes; massive; sharp upper and lower contacts.														
28.00	**30.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**	28.50	29.50	1.00	290295	0.0025				
Mafic volcanic: altered due to undefined patches of white/grey tonalite of 20%						29.50	30.40	0.90	290296	0.0025				
30.40	**31.70**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**									
QP dyke: massive; very light grey; 1-2% disseminated pyrite; Sharp upper and lower contacts.														
<<Min: 30.4 - 31.7: 2% pyrite>> dissmeninated pyrite within QP						30.40	31.70	1.30	290297	0.0025				
						31.70	33.00	1.30	290298	0.0025				
31.70	**37.50**	**E1**	**mafic volcanics**	**medium grey**	**GS1**	33.00	34.00	1.00	290299	0.0025				
Mafic Volcanic: disrupted due to patchy sections of weak intrusive tonalite with no sharp contacts.														
<<Min: 33.5 - 35: 2% pyrite>>						34.00	35.00	1.00	290301	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 35.6 - 35.7: intense Breccia 60 deg. >>					35.00	36.00	1.00	290302	0.0025				
					36.00	37.00	1.00	290303	0.0025				
37.50	**38.90**	**I3B**	**Tonalite**	**light grey**	**GS2**								
Intrusive tonalite: speckled white and grey; medium grained; massive; minor interval of mafic volcanic from 38.3-38.6m.													
38.90	**50.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: dark grey/green; disrupted and irregular mafic volcanic; possible weak shear zone from 38.9-44.5; very minor patches of felsic tonalite intrusion less than 5 cm in width. Sharp lower contact at 80 degrees TCA.													
<<Struc: 39 - 39.2: moderate Foliation 50 deg. >>													
<<Struc: 39.2 - 44.5: weak Shear / mylonitic foliation 50 deg. >> Weak shear zone with disrupted texture													
50.50	**51.90**	**I1**	**Mafic intrusive**	**dark green**	**GS1**								
Mafic dyke: Dark green; fine to medium grained; sharp upper and lower contacts; massive													
51.90	**65.10**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: Dark grey; weak foliation with minor patches of medium at 55 degrees TCA. Increase in disrupted texture from 64-65.1m with 3-5% 2-3 mm size euhedral elongated phenocrysts. Sharp lower contact with the QP dyke.													
65.10	**66.90**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**								
<<Struc: 65.1 - 65.2: strong Litho contact - sharp / undeformed 65 deg. >> QP / mafic volcanic contact													
66.90	**76.10**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: 40% disrupted white/faded dark grey, euhedral to subeuhedral quartz crystals. Possible secondary growth. Weak overall foliation at 60 degrees TCA.													
<<Struc: 66.9 - 67: strong Litho contact - sharp / undeformed 65 deg. >>													
<<Struc: 75.1 - 75.2: strong Fault - breccia gouge 50 deg. >> Late fault with re-healed silica/sericite breccia gouge.													
76.10	**77.20**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**								
QP dyke: massive; medium grained; 20% 1-2 mm anhedral quartz eyes. Sharp upper and lower contacts.													
77.20	**95.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: Disrupted texture with 50% sections strong white/grey elongated euhedral crystals from 77.2-85.9m and 93.5-94m. Possible shear zone? Remainder strongly foliated mafic volcanic with 5% qtz-carb veinlets parallel to foliation.													
<<Min: 94.9 - 95: 25% pyrite>> 8 mm wide stringer of 100% pyrite.													
<<Struc: 79 - 86: strong Shear / mylonitic foliation 35 deg. >> Disrupted zone with 50% white euhedral cyrstals.													
<<Struc: 90.2 - 90.3: moderate Foliation 40 deg. >>													
					92.00	93.00	1.00	290304	0.0025				
					93.00	94.00	1.00	290305	0.0025				

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From (m)	To (m)	Rock Type & Description			
95.40	**95.90**	**I3Q**	**Quartz porphyry**	**medium grey**	**GS2**
QP Dyke: massive; <2% 1-2 mm anhedral quartz eyes; Sharp upper and lower contacts.					
<<Struc: 95.4 - 95.5: strong Litho contact - sharp / undeformed 50 deg. >> QP dyke/mafic volc. Contact					
95.90	**97.60**	**E1**	**mafic volcanics**	**dark grey**	**GS2**
Mafic Volcanic: strongly foliated; fine grained; very minor qtz-carb stringers <2% and < 1mm in width.					
<<Struc: 95.9 - 96: strong Litho contact - sharp / undeformed 40 deg. >> QP/mafic volc. Contact					
97.60	**100.00**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
QP Dyke: light grey; massive; minor interval of mafic volcanic 97.8-98.1m					
<<Struc: 97.6 - 97.7: strong Litho contact - sharp / undeformed 50 deg. >> QP dyke / mafic volc. Contact					
100.00	**112.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: <5% porphyroblast/phenocryts as elongated euhedral 10 mm long quartz crystals with 50% concentration from 110.8-111m and 112.1-112.3m					
112.40	**113.60**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
QP Dyke: massive with <2% 1-2 mm size quartz eyes.					
113.60	**137.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: strong porphyroblastic/phenocryst texture from 122-133.4m that has 25% white quartz euhedral cyrstals that are elongated. 1-2% PY mineralization from 128.8-131.5m as discrete stringers.					
<<Min: 128.9 - 131.9: 2% pyrite>> Stringers of PY with 5-8% concentration from 129.9-130m.					
<<Struc: 127.4 - 127.5: strong Fault 40 deg. >> Late re-healed light green breccia fault at 40 degrees TCA.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
94.00	94.80	0.80	290306	0.0025				
94.80	95.40	0.60	290307	0.076				
95.40	96.00	0.60	290308	0.0025				
96.00	97.00	1.00	290309	0.0025				
125.00	126.00	1.00	290310	0.0025				
126.00	127.00	1.00	290311	0.023				
127.00	128.00	1.00	290312	0.012				
128.00	128.70	0.70	290313	0.014				
128.70	130.00	1.30	290314	0.044				
130.00	131.00	1.00	290315	0.029				
131.00	132.00	1.00	290316	0.011				
132.00	133.00	1.00	290317	0.019				

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From (m)	To (m)		Rock Type & Description		
137.20	**137.90**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
Mafic Dyke: dark green; fine to medium grained; sharp upper and lower contacts. Pervasive chlorite alteration throughout the interval.					
137.90	**149.30**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive with discrete patches of very weak foliation at 50 degrees TCA; Trace % very narrow stringers of PY mineralization throughout the interval.					
<<Min: 141.1 - 144.8: 1% pyrite>> <1% PY mineralization both disseminated and stringers throughout interval.					
<<Min: 147.8 - 149.3: 2% pyrite>>					
<<Struc: 139.5 - 139.6: weak Foliation 50 deg. >> weak foliation					
149.30	**150.60**	**I3Q**	**Quartz porphyry**	**medium grey**	**GS2**
QP: <10% 1-2mm size anheral qtz eyes; massive; faulted lower contact with mafic volcanic.					
150.60	**170.60**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: weakly foliated at an average of 40 degrees; <1% stringers of PY and 2mm wide stringer of PO at 162.1m. Fault zone at upper contact from 150.6-151m. Gradational lower contact with altered mafic volcanic.					
<<Min: 155.7 - 156.1: 3% pyrite>> 5mm wide PY stringers					
<<Min: 161.5 - 162.5: 5% pyrrhotite / 1% pyrite>>					
<<Struc: 150.6 - 151: intense Fault 40 deg. >> re-healed breccia fault with varying angles for faulting.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
133.00	134.00	1.00	290318	0.012				
139.00	140.00	1.00	290319	0.0025				
140.00	141.10	1.10	290321	0.0025				
141.10	142.00	0.90	290322	0.012				
142.00	143.00	1.00	290323	0.0025				
143.00	144.00	1.00	290324	0.0025				
144.00	145.00	1.00	290325	0.0025				
145.00	146.00	1.00	290326	0.0025				
146.00	147.00	1.00	290327	0.007				
147.00	148.00	1.00	290328	0.005				
148.00	149.30	1.30	290329	0.0025				
149.30	150.60	1.30	290330	0.0025				
150.60	152.00	1.40	290331	0.0025				
152.00	153.00	1.00	290332	0.0025				
153.00	154.00	1.00	290333	0.0025				
154.00	155.00	1.00	290334	0.0025				
155.00	156.00	1.00	290335	0.023				
156.00	157.00	1.00	290336	0.0025				

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From (m)	To (m)	Rock Type & Description
170.60	**191.80**	**E1 mafic volcanics medium grey GS1**
Altered Mafic Volcanic: porphyritic texture with white qtz and pink k-spar cyrstals. Weak to medium chlorite and minor silica alteration pervasive throughout interval. Increase in late breccia faulting. Very weak foliation at 40 degrees TCA.		
<<Alt: 170.6 - 191.8: weak Chlorite>> weak to moderate chl. Alt. associated with increase in late faulting.		
<<Struc: 174.9 - 175: strong Fault 70 deg. >>		
<<Struc: 175.5 - 189.3: moderate Fault 50 deg. >> Fault zone with numerous minor late faults that are light green in colour		
<<Struc: 190.2 - 191.8: moderate Fault 65 deg. >> Fault zone between two QFP dykes. Faulting approx. 10% of interval. Late light green breccia faults predom. Parallel to foliation.		
191.80	**192.40**	**I3R Quartz-feldspar porphyry light grey GS3**
QFP Dyke: 50% 2-3 mm anhedral qtz-k-spar crystals; sharp upper and lower contacts		
192.40	**226.80**	**E1 mafic volcanics light green GS0**
Strongly altered Mafic Volcanic: Strong silica alteration with pink hematite/k-spar alteration and broken core from 194.3-197.5m, 205.5-209m, and 223.5-226.8. Strong late faulting/brecciation throughout interval with mostly parallel to foliation and minor low angle cross-cutting faults.		
<<Min: 194 - 194.2: 5% pyrite>>		
<<Alt: 192.4 - 194.2: moderate Silicification / moderate Chlorite>>		
<<Alt: 194.2 - 198: intense Silicification / moderate Hematitic>> moderate to strong red hematite alteration along fractures		
<<Alt: 198 - 205.5: strong Silicification / weak Chlorite>>		
<<Alt: 205.5 - 208.7: complete Silicification / moderate Hematitic>> Very intense silica alteration completely replacing the primary texture. Light red hematite alteration along fractures and within silica alteration		
<<Alt: 208.7 - 223.5: complete Silicification / weak Hematitic / weak K-feldspar>> Strong silica alteration associated with faulting/brecciation. Red hematite/k-spar alteration as bands and within fracture surfaces		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
157.00	158.00	1.00	290337	0.0025				
158.00	159.00	1.00	290338	0.0025				
159.00	160.00	1.00	290339	0.0025				
160.00	161.50	1.50	290341	0.0025				
161.50	162.50	1.00	290342	0.035				
162.50	164.00	1.50	290343	0.0025				
164.00	165.00	1.00	290344	0.0025				
191.80	192.40	0.60	290345	0.0025				

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From (m)	To (m)	Rock Type & Description
		<<Alt: 223.5 - 226.8: strong Hematitic / intense Silicification>> Zone of strong red hematite alteration with intense pervasive silica alteration. Associated with wide fault/breccia zone.
		<<Struc: 192.4 - 194: strong Fault>>
		<<Struc: 194 - 198: strong Fracture>> Interval with broken core due to strong silica/hematite alteration.
		<<Struc: 198 - 205.5: strong Fault>> Faulting at various angles throughout the interval with silica alt. within the breccia.
		<<Struc: 205.5 - 226.8: strong Fault 50 deg. >> Strong faulting within pink strongly silicified/pink hematite and k-spar altered zone. Numerous ages of faulting overprinting and cross-cutting. Intervals of broken core and fracturing.
226.80	**229.70**	**I1 Mafic intrusive dark grey GS1** Mafic Dyke: dark grey; massive but with patches of very weak foliation at 70 degrees TCA; moderate chlorite alteration throughout interval. Sharp upper (60) and lower (60) contacts.
229.70	**248.80**	**E1 mafic volcanics light grey GS0** Mafic Volcanic: Complete silica flooding/replacement with moderate pink hematite/k-spar alteration from 229.7-232. Altered QFP dyke from 230-230.5m with gradational undefined contacts. 1-2% very fine grained disseminated PY from 232-242m. Mafic dyke from 231.1 - 231.2m. <<Min: 232 - 242: 2% pyrite>> 1-2% very fine grained disseminated pyrite. <<Alt: 229.7 - 230.5: intense Silicification / strong K-feldspar>> Possible altered QFP dyke with white quartz eyes and red k-spar crystals. <<Alt: 230.7 - 266.2: complete Silicification>> Complete replacement of primary lithology. Possible diorite dyke from 254-255.5m with very gradational contacts that has been overprinted by silica alteration. <<Struc: 233 - 233.1: moderate Foliation 50 deg. >> <<Struc: 246.5 - 246.6: weak Foliation 40 deg. >>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
192.40	193.00	0.60	290346	0.0025				
193.00	193.80	0.80	290347	0.0025				
193.80	194.40	0.60	290348	0.01				
194.40	196.00	1.60	290349	0.0025				
196.00	197.00	1.00	290350	0.0025				
225.00	226.00	1.00	290351	0.006				
226.00	226.80	0.80	290352	0.0025				
226.80	228.00	1.20	290353	0.0025				
228.00	229.00	1.00	290354	0.0025				
229.00	230.00	1.00	290355	0.006				
230.00	231.00	1.00	290356	0.007				
231.00	232.00	1.00	290357	0.078				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			232.00	233.00	1.00	290358	0.181				
			233.00	234.00	1.00	290359	0.407				
			234.00	235.00	1.00	290361	0.19				
			235.00	236.00	1.00	290362	0.43				
			236.00	237.00	1.00	290363	0.502				
			237.00	238.00	1.00	290364	0.08				
			238.00	239.00	1.00	290365	0.076				
			239.00	240.00	1.00	290366	0.379				
			240.00	241.00	1.00	290367	0.041				
			241.00	242.00	1.00	290368	0.026				
			242.00	243.00	1.00	290369	0.059				
			243.00	244.00	1.00	290370	0.0025				
			244.00	245.00	1.00	290371	0.008				
			245.00	246.00	1.00	290372	0.024				
			246.00	247.00	1.00	290373	0.04				
			247.00	248.00	1.00	290374	0.024				
			248.00	248.80	0.80	290375	0.305				
			248.80	249.40	0.60	290376	0.006				
248.80	**249.40**	**I2 Intermediate intrusive medium grey GS1**									
Intermediate Dyke: Weak contacts with silicified mafic volc; no silica alteration; massive; fine grained.											
249.40	**266.20**	**E1 mafic volcanics light grey GS0**									
Mafic Volcanic: Intense to complete silica alteration replacing primary lithology. Trace to 1% disseminated PY throughout interval with discrete narrow intervals of higher 2-3% concentration. Sharp upper and lower contacts with mafic dykes. <<Min: 252 - 266.2: 1% pyrite>> Disseminated pyrite throughout interval with local patches of higher concentrations of 2-3% <<Struc: 261.3 - 261.4: strong Foliation 60 deg. >>											
			249.40	251.00	1.60	290377	0.068				
			251.00	252.00	1.00	290378	0.165				
			252.00	253.00	1.00	290379	0.041				
			253.00	254.00	1.00	290381	0.089				
			254.00	255.00	1.00	290382	0.182				

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From (m)	To (m)		Rock Type & Description		
266.20	**266.60**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
Mafic Dyke: dark green; massive; fine to medium grained.					
266.60	**267.30**	**E1**	**mafic volcanics**	**light grey**	**GS0**
Mafic Volcanic: Strong to intense silica alteration replacing the primary texture. <5% pink/red hematite/k-spar alteration. <<Alt: 266.6 - 276: intense Silicification>>					
267.30	**268.00**	**I3Q**	**Quartz porphyry**	**medium grey**	**GS2**
QP Dyke: medium grey; medium grained; <5% 1 mm anheral white qtz crystals; Sharp upper and lower contacts <<Struc: 267.9 - 268.2: intense Fault 40 deg. >> Possible fault with intense silica and red hematite alteration.					
268.00	**280.90**	**E1**	**mafic volcanics**	**medium grey**	**GS0**
Mafic Volcanic: strong to intense silica alteration overprinting primary lithology. Strong late faulting/fracturing from 271-274m. Sharp lower contact with mafic dyke at 65 degrees TCA. <<Struc: 271 - 271.4: intense Fault - breccia gouge 50 deg. >> Fault zone with strong re-healed light green breccia gouge. Sharp upper and lower contacts					
<<Struc: 272.7 - 273: intense Fault - breccia gouge 50 deg. >> Strong light green; breccia fault					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
255.00	256.00	1.00	290383	0.011				
256.00	257.00	1.00	290384	0.075				
257.00	258.00	1.00	290385	0.033				
258.00	259.00	1.00	290386	0.189				
259.00	260.00	1.00	290387	0.431				
260.00	261.00	1.00	290388	0.742				
261.00	262.00	1.00	290389	0.874				
262.00	263.00	1.00	290390	0.398				
263.00	264.00	1.00	290391	1.125				
264.00	265.00	1.00	290392	1.092				
265.00	266.20	1.20	290393	0.481				
266.20	267.30	1.10	290394	0.018				
267.30	268.00	0.70	290395	0.005				
268.00	269.00	1.00	290396	0.0025				
269.00	270.00	1.00	290397	0.0025				
270.00	271.00	1.00	290398	0.0025				
271.00	272.00	1.00	290399	0.005				
272.00	273.00	1.00	290401	0.009				
273.00	274.00	1.00	290402	0.013				

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
						274.00	275.00	1.00	290403	0.0025				
						275.00	276.00	1.00	290404	0.0025				
						276.00	277.00	1.00	290405	0.0025				
						277.00	278.00	1.00	290406	0.007				
						278.00	279.00	1.00	290407	0.0025				
						279.00	280.00	1.00	290408	0.0025				
						280.00	280.90	0.90	290409	0.0025				
280.90	**281.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**									
Mafic Dyke: Dark grey; massive; fine to medum grained; sharp upper (60) and lower (50) contacts.														
						280.90	281.70	0.80	290410	0.0025				
						281.70	283.00	1.30	290411	0.005				
281.70	**290.00**	**E1**	**mafic volcanics**	**medium grey**	**GS0**	283.00	284.00	1.00	290412	0.0025				
Mafic Volcanic: pervasive strong silica alteration with narrow <1m wide intervals of intense silica + red hematite/k-spar alteration associated with strong late brecciation/faulting 284.1-285.4m and 288.5-289.4m. Gradational lower contact with QFP.														
<<Alt: 284 - 285.5: intense Silicification / strong Hematitic>>						284.00	285.00	1.00	290413	0.016				
<<Alt: 285.5 - 288.5: moderate Silicification>>						285.00	286.00	1.00	290414	0.024				
<<Alt: 288.5 - 289.7: intense Silicification / moderate Hematitic>>						286.00	287.00	1.00	290415	0.01				
<<Alt: 289.7 - 294.9: moderate Silicification>>						287.00	288.00	1.00	290416	0.063				
						288.00	289.00	1.00	290417	0.0025				
						289.00	290.50	1.50	290418	0.0025				
290.00	**290.50**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**									
QFP Dyke: 10-15% white/pink qtz-feldspar crystals. Gradational upper and lower contacts.														
290.50	**292.90**	**E1**	**mafic volcanics**	**medium green**	**GS1**	290.50	292.00	1.50	290419	0.0025				
Mafic Volcanic: moderate pervasive silica alteration with very weak pink k-spar alt. Strong foliation at 50 degrees TCA.														
						292.00	292.90	0.90	290421	0.0025				
292.90	**294.10**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**									
QFP Dyke: medium to coarse grained with 10-15% 2-5mm sized white qtz and pink feldspar cyrstals; massive texture; narrow interval of mafic volcanic 294-294.3m.														
						292.90	294.00	1.10	290422	0.0025				

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From (m)	To (m)	Rock Type & Description
294.10	**322.50**	**E1 mafic volcanics light grey GS0**

Mafic Volcanic: Intense silica flooding replacing primary texture from 294.1-322.6m; aphanitic texture; trace-1% disseminated pyrite throughout interval with discrete patches of high concentrations of 1-2% within silicified zone. Very minor late fracturing/faulting that is primarely parallel to foliation.

<<Min: 299 - 318: 1% pyrite>> Trace to 1% disseminated pyrite throughout interval with discrete patches of higher concentrations of very narrow stringers at 1-2%. Mineralization associated with intense silica flooding.

<<Alt: 294.9 - 298.2: moderate Chlorite / moderate Silicification>>

<<Alt: 298.2 - 322.5: complete Silicification>> Complete silica flooding replacing primary lithology.

<<Struc: 298 - 298.2: intense Fault - Black line breccia 20 deg. >> Strong low angle black line fault breccia 10 cm wide. Beta angle questionalble, out 10 degrees

<<Struc: 307 - 307.2: moderate Fault 40 deg. >> Later faulting within silica flooded zone

<<Struc: 307.2 - 330.2: strong Shear / mylonitic foliation 60 deg. >> Shear/fault zone within silica flooding. Fractures are predominantely parallel to foliation with varying angles from 60 - 80 degrees.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
294.00	294.90	0.90	290423	0.018				
294.90	296.00	1.10	290424	0.0025				
296.00	297.00	1.00	290425	0.0025				
297.00	298.00	1.00	290426	0.007				
298.00	299.00	1.00	290427	0.021				
299.00	300.00	1.00	290428	0.18				
300.00	301.00	1.00	290429	0.016				
301.00	302.00	1.00	290430	0.068				
302.00	303.00	1.00	290431	0.03				
303.00	304.00	1.00	290432	0.038				
304.00	305.00	1.00	290433	0.036				
305.00	306.00	1.00	290434	0.075				
306.00	307.00	1.00	290435	0.022				
307.00	308.00	1.00	290436	0.051				
308.00	309.00	1.00	290437	0.123				
309.00	310.00	1.00	290438	0.078				
310.00	311.00	1.00	290439	0.077				
311.00	312.00	1.00	290441	0.048				
312.00	313.00	1.00	290442	0.134				
313.00	314.00	1.00	290443	0.043				
314.00	315.00	1.00	290444	0.029				
315.00	316.00	1.00	290445	0.021				
316.00	317.00	1.00	290446	0.019				
317.00	318.00	1.00	290447	0.038				
318.00	319.00	1.00	290448	0.044				

Hole: PAC-20-042

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			319.00	320.00	1.00	290449	0.011				
			320.00	321.00	1.00	290450	0.031				
			321.00	322.00	1.00	290451	0.059				
			322.00	323.00	1.00	290452	0.088				
322.50	**330.30**	**E1 mafic volcanics medium green GS0**	323.00	324.00	1.00	290453	0.021				
Mafic Volcanic: Silica alteration decreases from previous interval of mafic volcanic and has moderate chlorite alteration. Weak to moderate late faulting/fracturing of core predominantely parallel to core axis. Two narrow mafic dykes from 322.6-323m and 323.7-324m.											
<<Alt: 322.5 - 330.3: strong Silicification / moderate Chlorite>> Strong red hematite/k-spar alteration 330.2-330.3			324.00	325.00	1.00	290454	0.007				
<<Struc: 330.2 - 330.3: strong Litho contact - sharp / undeformed 60 deg. >> upper mafic dyke litho contact			325.00	326.00	1.00	290455	0.015				
			326.00	327.00	1.00	290456	0.012				
			327.00	328.00	1.00	290457	0.006				
			328.00	329.00	1.00	290458	0.012				
			329.00	330.30	1.30	290459	0.052				
330.30	**331.70**	**I1 Mafic intrusive dark green GS2**									
Mafic Dyke: dark green; medium grained; increase in qtz-feldspar crystals from 331 to 331.7 of 10%.											
			330.30	331.70	1.40	290461	0.0025				
			331.70	333.00	1.30	290462	0.011				
331.70	**335.70**	**E1 mafic volcanics medium grey GS0**	333.00	334.00	1.00	290463	0.012				
Mafic Volcanic: moderate to strong silica alteration that is most intense in light grey/cream coloured bands; Moderate chlorite alteration throughout interval. Weak to moderate late faulting/brecciation.											
<<Alt: 331.7 - 335.7: strong Silicification / weak Chlorite>>			334.00	335.00	1.00	290464	0.008				
<<Struc: 331.7 - 331.8: strong Litho contact - sharp / undeformed 60 deg. >> Lower mafic dyke contact			335.00	336.00	1.00	290465	0.009				
<<Struc: 331.8 - 332.8: intense Shear / mylonitic foliation 60 deg. >> Shear/fault zone with strong banding and late sub mm faults											
335.70	**336.00**	**I1 Mafic intrusive dark green GS2**									
Mafic Dyke: dark green; massive dyke. EOH=336m											
<<Struc: 335.7 - 335.8: strong Litho contact - sharp / undeformed 65 deg. >> litho contact with mafic dyke.											

End of Hole @ 336

Hole: PAC-20-042

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-043

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-10-19	**Core Size:**	NQ
UTM East:	436174	**Azimuth:**	180	**Date Completed:**	2020-10-22	**Casing Pulled?:**	☐
UTM North:	5643270	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	420	**Length (m):**	231	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		High Au Assay (2.1ppm)					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	ReflexEZS	Nordik Drilling	2020-10-22	-48.5	179.2			57753	☑	
27	ReflexEZS	Nordik Drilling	2020-10-22	-48.2	179.5			57221	☑	
30	ReflexEZS	Nordik Drilling	2020-10-22	-48.1	179.8			56719	☑	
39	ReflexEZS	Nordik Drilling	2020-10-22	-48	179.9			56856	☑	
42	ReflexEZS	Nordik Drilling	2020-10-22	-47.9	179.9			56838	☑	
45	ReflexEZS	Nordik Drilling	2020-10-22	-47.7	180.3			56923	☑	
48	ReflexEZS	Nordik Drilling	2020-10-22	-47.7	180.1			56922	☑	
51	ReflexEZS	Nordik Drilling	2020-10-22	-47.6	180.2			56907	☑	
54	ReflexEZS	Nordik Drilling	2020-10-22	-47.6	180.3			56910	☑	
57	ReflexEZS	Nordik Drilling	2020-10-22	-47.6	180.3			56886	☑	
60	ReflexEZS	Nordik Drilling	2020-10-22	-47.9	180			56886	☑	
63	ReflexEZS	Nordik Drilling	2020-10-22	-47.8	180.4			57458	☑	

Hole: PAC-20-043

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
66	ReflexEZS	Nordik Drilling	2020-10-22	-47.7	180.2			56985	☑	
69	ReflexEZS	Nordik Drilling	2020-10-22	-47.8	180.2			56964	☑	
72	ReflexEZS	Nordik Drilling	2020-10-22	-47.7	180.2			56944	☑	
75	ReflexEZS	Nordik Drilling	2020-10-22	-47.6	180.1			56957	☑	
78	ReflexEZS	Nordik Drilling	2020-10-22	-47.6	180.1			56922	☑	
81	ReflexEZS	Nordik Drilling	2020-10-22	-47.5	180.2			56913	☑	
84	ReflexEZS	Nordik Drilling	2020-10-22	-47.5	180.1			56928	☑	
87	ReflexEZS	Nordik Drilling	2020-10-22	-47.4	180.4			56958	☑	
90	ReflexEZS	Nordik Drilling	2020-10-22	-47.4	180.3			56893	☑	
93	ReflexEZS	Nordik Drilling	2020-10-22	-47.5	180.1			57017	☑	
99	ReflexEZS	Nordik Drilling	2020-10-22	-47.4	180.5			56886	☑	
102	ReflexEZS	Nordik Drilling	2020-10-22	-47.4	180.5			57060	☑	
108	ReflexEZS	Nordik Drilling	2020-10-22	-47.4	180.3			57095	☑	
111	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.6			57115	☑	
114	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.1			57070	☑	
117	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181			57037	☑	
120	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.9			57013	☑	
123	ReflexEZS	Nordik Drilling	2020-10-22	-47.2	180.9			57009	☑	
126	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181			57005	☑	
129	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.8			57001	☑	
132	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.8			57082	☑	
135	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.7			57117	☑	
138	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.2			57036	☑	
141	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.1			57046	☑	

Hole: PAC-20-043

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181			57056	☑	
147	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.1			57098	☑	
150	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.4			57108	☑	
153	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.3			57142	☑	
156	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	181.4			57087	☑	
159	ReflexEZS	Nordik Drilling	2020-10-22	-47.2	180.8			57016	☑	
162	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.6			56970	☑	
165	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.5			57060	☑	
168	ReflexEZS	Nordik Drilling	2020-10-22	-47.3	180.5			56969	☑	
171	ReflexEZS	Nordik Drilling	2020-10-22	-47.2	180.5			56921	☑	
177	ReflexEZS	Nordik Drilling	2020-10-22	-47.2	180.5			56974	☑	
180	ReflexEZS	Nordik Drilling	2020-10-22	-47.2	180.6			56923	☑	
183	ReflexEZS	Nordik Drilling	2020-10-22	-47.1	180.7			56970	☑	
186	ReflexEZS	Nordik Drilling	2020-10-22	-47.1	180.8			56919	☑	
189	ReflexEZS	Nordik Drilling	2020-10-22	-47.1	180.8			56915	☑	
192	ReflexEZS	Nordik Drilling	2020-10-22	-47	181			56969	☑	
195	ReflexEZS	Nordik Drilling	2020-10-22	-47.1	180.8			56922	☑	
198	ReflexEZS	Nordik Drilling	2020-10-22	-47	180.9			56917	☑	
204	ReflexEZS	Nordik Drilling	2020-10-22	-46.9	181			56858	☑	
207	ReflexEZS	Nordik Drilling	2020-10-22	-46.9	181			56844	☑	
210	ReflexEZS	Nordik Drilling	2020-10-22	-46.9	181.2			57020	☑	
213	ReflexEZS	Nordik Drilling	2020-10-22	-46.9	181.2			57014	☑	
216	ReflexEZS	Nordik Drilling	2020-10-22	-46.8	181			57005	☑	
219	ReflexEZS	Nordik Drilling	2020-10-22	-46.8	181.1			56840	☑	

Hole: PAC-20-043

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
222	ReflexEZS	Nordik Drilling	2020-10-22	-46.8	181.3			56834	☑	
225	ReflexEZS	Nordik Drilling	2020-10-22	-46.7	181.1			56847	☑	
228	ReflexEZS	Nordik Drilling	2020-10-22	-46.7	181.1			56879	☑	
231	ReflexEZS	Nordik Drilling	2020-10-22	-46.7	181.1			56794	☑	

Hole: PAC-20-043

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**CS casing (no recovery)**									
Casing											
3.00	**34.80**	**E1 mafic volcanics dark grey GS1**	5.50	6.50	1.00	290466	0.019				
Mafic Volcanic: black/dark grey; very fine grained; weak foliation (50) with patches of massive texture; trace% discrete patches of disseminated and stringers of PY throughout interval. QFP dyke from 29.6-30m. Sharp lower contact with QFP dyke at 60 degrees TCA.											
<<Min: 7.2 - 7.4: 0.5% pyrite>>			6.50	7.50	1.00	290467	0.028				
<<Min: 8 - 8.2: 5% chalcopyrite>>			7.50	8.50	1.00	290468	0.031				
<<Min: 16.4 - 17: 0.5% pyrite>>			8.50	9.50	1.00	290469	0.019				
<<Min: 22 - 29.6: 1% pyrrhotite / 1% pyrite>>			9.50	10.50	1.00	290470	0.01				
<<Min: 31.3 - 32.1: 2% pyrrhotite / 1% pyrite>>			30.00	31.00	1.00	290471	0.0025				
<<Min: 33 - 34.4: 5% pyrrhotite / 1% pyrite>>			31.00	31.70	0.70	290472	0.023				
<<Alt: 3.7 - 4: strong Chlorite>> Chlorite alteration associated with a fault zone.			31.70	32.80	1.10	290473	0.036				
<<Struc: 3.7 - 4: intense Fault - breccia gouge 50 deg. >> Chlorite altered breccia fault zone with sharp upper (40) and lower (65) contacts			32.80	34.00	1.20	290474	0.043				
<<Struc: 7 - 7.2: complete Fault - breccia gouge 65 deg. >> Fault breccia zone: weathered mineralization turned to mud; difficult to determine type of mineralization			34.00	34.80	0.80	290475	0.044				
34.80	**36.20**	**I3R Quartz-feldspar porphyry light grey GS3**									
QFP Dyke: massive; coarse grained; 40% 2-5mm anhedral qtz-feldspar cyrstals. 10-15% PO+CP mineralization from 35.4-35.7m as fracture infill; Sharp upper (65) and lower (60) contacts.											
<<Min: 35.4 - 35.7: 6% pyrrhotite / 2% chalcopyrite>>											
			34.80	36.20	1.40	290476	0.16				
			36.20	37.00	0.80	290477	0.041				
36.20	**49.50**	**E1 mafic volcanics dark grey GS1**	37.00	38.00	1.00	290478	0.041				
Mafic Volcanic: dark grey; fine grained; moderate foliation at 65 degrees TCA; 3-5% CP+PY mineralization throughout interval as stringers; higher concentrations of 5% from 42-44.5m											
<<Min: 36.7 - 38.5: 5% chalcopyrite / 2% pyrrhotite>>			38.00	39.00	1.00	290479	0.038				
<<Min: 40.5 - 41.1: 2% chalcopyrite>>			39.00	40.00	1.00	290481	0.022				
<<Min: 42 - 44.7: 8% chalcopyrite / 2% pyrrhotite>>			40.00	41.00	1.00	290482	0.529				
<<Min: 46 - 47.8: 5% chalcopyrite / 2% pyrite>>			41.00	42.00	1.00	290483	0.06				
			42.00	43.00	1.00	290484	0.762				
			43.00	44.00	1.00	290485	0.667				

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From (m)	To (m)	Rock Type & Description
49.50	**50.70**	**I3R Quartz-feldspar porphyry light grey GS2** QFP Dyke: medium grained with coarser 40% white+pink anhedral qtz-feldspar crystals; moderate late fracturing that has been re-healed with light green silica; Sharp upper (60) and lower (50) contacts;
50.70	**62.80**	**E1 mafic volcanics dark grey GS1** Mafic Volcanic: weakly foliated; very fine grained; dark grey to black in colour; Lower contact from 62.6-62.8m brecciated with moderate chlorite alteration; Broken core with lower contact. <<Min: 51.1 - 51.7: 0.5% chalcopyrite>>
62.80	**76.10**	**E1 mafic volcanics medium grey GS0** Mafic Volcanic: Strong to intense brecciation with strong overprinting silica alteration; pink/red hematite fracture filled alteration. Sharp lower contact with QFP dyke. <<Alt: 62.8 - 71: strong Silicification / weak Hematitic>> <<Struc: 62.8 - 74.5: intense Fracture 60 deg. >> Strong to intense fracture zone with re-healed light green silica. Fractures are predominantely parallel to foliation 60-65 degrees. Fractures are sub mm to 5 cm in width. Intense fracturing 71.6-74m. <<Struc: 74.5 - 76.1: weak Fracture 65 deg. >>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
44.00	45.00	1.00	290486	2.1				
45.00	46.00	1.00	290487	0.006				
46.00	47.00	1.00	290488	0.663				
47.00	48.00	1.00	290489	0.875				
48.00	49.50	1.50	290490	0.019				
49.50	50.70	1.20	290491	0.08				
50.70	52.00	1.30	290492	0.053				
52.00	53.00	1.00	290493	0.0025				
62.00	62.80	0.80	290494	0.015				
62.80	63.00	0.20	290495	0.0025				
63.00	64.00	1.00	290496	0.0025				
64.00	65.00	1.00	290497	0.0025				
65.00	66.00	1.00	290498	0.0025				
66.00	67.00	1.00	290499	0.007				
67.00	68.00	1.00	290501	0.013				
68.00	69.00	1.00	290502	0.0025				
69.00	70.00	1.00	290503	0.0025				
70.00	71.00	1.00	290504	0.0025				
71.00	72.00	1.00	290505	0.005				

Hole: PAC-20-043

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
76.10	**77.30**	**I3R**	**Quartz-feldspar porphyry**	**light green**	**GS2**									
QFP Dyke: massive; medium grained with coarser 30% 2-3mm anhedral qtz-felspar cyrstals.														
77.30	**82.00**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Mafic Volcanic: medium grey; moderate pervasive chlorite alteration; narrow QFP dyke 79-79.1 with very strong pink k-spar alteration														
82.00	**82.70**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS2**									
QFP Dyke: light grey; massive														
82.70	**88.00**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Mafic Volcanic: dark to medium grey; massive with very minor late faulting predominantely parallel to foliation at 50 degrees TCA														
88.00	**89.30**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS1**									
QFP Dyke: Two QFP dykes with 0.4 m of mafic volcanic.														
89.30	**91.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: increase in late sub mm faulting to 5%; massive; dark grey.														
<<Struc: 90.6 - 91: moderate Fracture 80 deg. >> faulting/shearing 70-80 degrees TCA														
91.00	**91.80**	**I1**	**Mafic intrusive**	**medium green**	**GS1**									
Mafic Dyke with gradational and undefined contacts.														
91.80	**93.60**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: 5% 5-10mm wide late light green faults predominantely parallel to foliation.														
<<Struc: 91.8 - 92.4: strong Fault 70 deg. >> 10% 3-10 mm wide light faults at 70-80 degrees TCA														
93.60	**94.60**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS2**									
QFP Dyke: massive; 30% 2-3 mm anhedral qtz/feldspar cyrstals; sharp upper and lower contacts														
94.60	**97.20**	**C2D**	**Iron formation - Silicate facies**	**dark grey**	**GS1**									
Mafic Volcanic: dark grey; very weak pervasive chlorite alteration														
97.20	**98.40**	**E1**	**mafic volcanics**	**light grey**	**GS1**									
Mafic Dyke: light grey; massive; fine grained; sharp upper and lower contacts.														
98.40	**103.40**	**E1**	**mafic volcanics**	**light grey**										
Strongly silica altered mafic volcanic with minor intercalated qtz porphyry creating a banding texture. Strong faulting/shearing throughout the interval. Trace to 1% dissminated PY														
<<Alt: 98.4 - 103.4: strong Silicification>>														

Hole: PAC-20-043

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 99.5 - 100: intense Fault 50 deg. >> Fault zone													
103.40	**106.00**	**I3R**	**Quartz-feldspar porphyry**	**light green**	**GS2**								
QFP Dyke: medium grained; massive; Sharp upper and lower contacts.													
106.00	**116.50**	**E1**	**mafic volcanics**	**light green**	**GS0**	114.50	115.50	1.00	290506	0.008			
Mafic Volcanic: Strong to intense silica alteration both pervasive and within bands overprinting primary lithology; narrow minor intervals of QFP with no clear contacts; weak late fracturing throughout interval.													
<<Alt: 106 - 116.5: intense Silicification>>						115.50	116.50	1.00	290507	0.015			
<<Struc: 106 - 116.5: weak Fault 65 deg. >> Fault/shear zone: weak late faulting/shearing predominantely parallel to foliation at 65 degrees TCA and cross-cutting at low angles <10%													
116.50	**117.70**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS0**	116.50	117.70	1.20	290508	0.078			
QFP: intensely silicified and altered dyke with gradational contacts; trace to 1% disseminated PY.													
<<Min: 116.5 - 117.7: 1% pyrite>> PY mineralization within silicified dyke.													
117.70	**129.30**	**E1**	**mafic volcanics**	**light grey**	**GS0**								
Mafic Volcanic: Intense silica alteration both banded and pervasive; strong late faulting with re-healed light green silica alt; faulting is both low angle and parallel to foliation. Gradational and undefined lower contact.													
<<Alt: 117.7 - 124.5: intense Silicification / strong K-feldspar>>													
<<Alt: 124.5 - 129.5: moderate Silicification>>													
<<Struc: 117.7 - 124.5: strong Fault 70 deg. >> Fault/shear zone associated with intense silica alteration													
<<Struc: 124.5 - 132: moderate Fault 10 deg. >> weaker interval of faulting with <5% late faults predominantely parallel to foliation													
						117.70	119.00	1.30	290509	0.023			
						119.00	120.00	1.00	290510	0.013			
						120.00	121.00	1.00	290511	0.02			
						121.00	122.00	1.00	290512	0.018			
129.30	**165.70**	**I3Q**	**Quartz porphyry**	**light green**	**GS0**	141.00	142.00	1.00	290513	0.008			
Intensely pervasive silicified and pink-red feldspar/hematite alteration throughout interval. Alternating bands of altered porphyry and mafic volcanic. Strong with narrow intervals of intense faulting with re-healed light green silica breccia. Hematite alteration within fracture planes.													
<<Min: 144 - 147: 0.5% pyrite>> trace% disseminated pyrite						142.00	143.00	1.00	290514	0.009			
<<Alt: 129.5 - 174.1: intense Silicification>> Overprinting primary lithology; associated with very strong late fault brecciation.						143.00	144.00	1.00	290515	0.019			

Hole: PAC-20-043

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 132 - 157: strong Fault 5 deg. >> Fault zone with 8-10% fractures at varying angles throughout the interval. Fractures are re-healed with light green silica and range in width from sub mm to 0.1 m					144.00	145.00	1.00	290516	0.033				
					145.00	146.00	1.00	290517	0.026				
					146.00	147.00	1.00	290518	0.029				
					147.00	148.00	1.00	290519	0.013				
					148.00	149.00	1.00	290521	0.007				
					149.00	150.00	1.00	290522	0.0025				
					150.00	151.00	1.00	290523	0.013				
					151.00	152.00	1.00	290524	0.008				
165.70	**171.40**	**E2**	**Intermediate**	**dark green** **GS1**									
dark green intermediate,strong silica alteration moderatly foliated 70dg													
171.40	**174.40**	**I2**	**Intermediate intrusive**	**"reddish"** **GS1**									
intense Pervasive Hematite/ Kspar silica, pink in color ,green epidote filled fractures2 15cm pink QFPintervals													
<<Alt: 174.1 - 175.6: intense Hematitic / strong K-feldspar>>													
174.40	**182.40**	**I2**	**Intermediate intrusive**	**light grey** **GS1**									
light gray in color weak hem/kspar bands, strong silica alteration 1% dissemenated Py													
<<Alt: 175.6 - 182.4: moderate Silicification>>													
<<Struc: 178.6 - 178.7: moderate Breccia 40 deg. >>													
182.40	**183.10**	**I3R**	**Quartz-feldspar porphyry**	**light grey** **GS3**									
light gray QFP30% phenocrysts,													
					182.40	183.10	0.70	290525	0.092				
					183.10	184.00	0.90	290526	0.129				
183.10	**185.70**	**E2**	**Intermediate**	**"greenish"** **GS1**	184.00	185.00	1.00	290527	0.043				
light gray green intermediate strongly foliated 75 dg, 2% fine grain Py, strong silica alteration													
<<Min: 183.1 - 185.7: 2% pyrite>>					185.00	185.70	0.70	290528	0.098				
185.70	**196.30**	**E2**	**Intermediate**	**light grey** **GS1**									
light gray intermediate strong silica alteration weakly foliated fine grained													
<<Alt: 188.2 - 199.1: strong Hematitic / moderate K-feldspar>>													
<<Struc: 190.5 - 190.6: strong Breccia 15 deg. >> breccia/gouge healed with light green/beige epidote													
					185.70	186.40	0.70	290529	0.024				

Hole: PAC-20-043

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
196.30	**199.10**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS3**									
30% phenocrysts hem/kspar patchy alteration														
199.10	**200.20**	**I1**	**Mafic intrusive**	**light green**	**GS2**									
med grain mafic intrusive massive														
200.20	**209.80**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS3**									
strong patchy hem/kspar alteration 20% phenocrysts														
209.80	**210.10**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**									
210.10	**224.70**	**E2**	**Intermediate**	**"greenish"**	**GS2**									
Strong hematite/kspar patchy alteration medium grain 20% fractures infilled with greenish/beige epidote														
<<Alt: 210.1 - 219: strong Hematitic / strong K-feldspar>>														
<<Alt: 224 - 231: moderate Silicification>>														
<<Struc: 217.2 - 218.2: intense Breccia 15 deg. >> intense breccia infilled with epidote														
224.70	**225.30**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS2**									
35% phenocrysts pinkish in color medium to course grain														
225.30	**231.00**	**E2**	**Intermediate**	**medium green**	**GS1**	226.00	226.80	0.80	290530	0.0025				
<<Min: 226.8 - 231: 2% pyrite>> 2% fine grain dissemenated Py						226.80	228.00	1.20	290531	0.0025				
<<Struc: 226.7 - 226.8: strong Breccia 65 deg. >> strong breccia infilled with light green/beige epidote						228.00	229.00	1.00	290532	0.0025				
						229.00	230.00	1.00	290533	0.0025				
						230.00	231.00	1.00	290534	0.0025				

End of Hole @ 231

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-044

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**		**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-10-22	**Core Size:**	NQ
UTM East:	436316.1	**Azimuth:**	180	**Date Completed:**	2020-10-27	**Casing Pulled?:**	☐
UTM North:	5643429	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	421	**Length (m):**	405	**Drill Rig:**	Rig4	**Casing Depth (m):**	
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		Lined up drillers					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	Reflex			-48.6	176.7			58757	☑	
15	Reflex			-48.5	177.9			57903	☑	
18	Reflex			-48.1	178.7			57498	☑	
21	Reflex			-47.9	177.6			57226	☑	
24	Reflex			-47.9	177.2			56990	☑	
27	Reflex			-47.8	178.5			56927	☑	
30	Reflex			-43.7	176.5			56876	☑	
33	Reflex			-47.6	177.4			56854	☑	
36	Reflex			-47.7	177.4			56806	☑	
39	Reflex			-47.7	177.6			56805	☑	
48	Reflex			-47.6	177.9			56769	☑	
51	Reflex			-47.5	177.2			56771	☑	

Hole: PAC-20-044

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	Reflex			-47.4	177.9			56804	☑	
57	Reflex			-47.5	177.7			57172	☑	
60	Reflex			-47.4	177.7			58019	☑	
63	Reflex			-47.4	176.7			57389	☑	
66	Reflex			-47.4	177.1			57057	☑	
69	Reflex			-47.4	178.6			57195	☑	
72	Reflex			-45.8	177.5			56728	☑	
75	Reflex			-47.3	178.8			57350	☑	
78	Reflex			-47.3	178.1			56755	☑	
81	Reflex			-47.2	178.3			57114	☑	
84	Reflex			-47.1	178.2			57020	☑	
87	Reflex			-47.1	178.5			57168	☑	
90	Reflex			-47.1	179			56951	☑	
93	Reflex			-47.1	178			57169	☑	
96	Reflex			-47	177.9			56844	☑	
99	Reflex			-47	178			56931	☑	
102	Reflex			-47	177.8			56971	☑	
105	Reflex			-46.8	177.5			57174	☑	
108	Reflex			-46.9	178.4			56959	☑	
111	Reflex			-46.9	178			56805	☑	
114	Reflex			-46.8	178.1			57017	☑	
117	Reflex			-46.8	177.7			56999	☑	
120	Reflex			-46.8	178.3			57055	☑	
123	Reflex			-46.7	178.6			57086	☑	

Hole: PAC-20-044

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
126	Reflex			-46.7	177.9			57221	☑	
129	Reflex			-46.7	177.2			57218	☑	
132	Reflex			-46.6	178.5			57555	☑	
135	Reflex			-47.8	178.3			56988	☑	
138	Reflex			-46.5	178.2			57414	☑	
144	Reflex			-46.5	178.1			56958	☑	
147	Reflex			-46.4	177.6			56964	☑	
150	Reflex			-46.4	178.5			56984	☑	
153	Reflex			-46.4	179.1			57628	☑	
156	Reflex			-46.3	179			57790	☑	
159	Reflex			-46.3	178.1			57370	☑	
162	Reflex			-46.2	178			56924	☑	
165	Reflex			-46.1	178.1			56982	☑	
168	Reflex			-46.1	177.7			57292	☑	
171	Reflex			-46.1	177.2			57745	☑	
174	Reflex			-46	177			56999	☑	
177	Reflex			-46	178.2			57054	☑	
180	Reflex			-45.9	177.4			56828	☑	
183	Reflex			-45.8	177.9			56757	☑	
186	Reflex			-45.7	177.4			56806	☑	
189	Reflex			-45.6	179			57077	☑	
192	Reflex			-45.6	176.7			56981	☑	
195	Reflex			-45.4	177.9			56498	☑	
198	Reflex			-45.3	176.9			56964	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
204	Reflex			-45.1	176.2			56298	☑	
207	Reflex			-45	179.1			57158	☑	
210	Reflex			-44.9	179			56657	☑	
213	Reflex			-44.7	179.9			56912	☑	
216	Reflex			-44.7	179			56988	☑	
222	Reflex			-44.5	180.2			56945	☑	
225	Reflex			-44.4	180.4			56989	☑	
228	Reflex			-44.3	179.6			56771	☑	
231	Reflex			-44.1	177.9			57333	☑	
234	Reflex			-44.1	179.9			56555	☑	
237	Reflex			-44	179.3			56866	☑	
240	Reflex			-43.9	179.2			56805	☑	
243	Reflex			-43.8	179.5			57430	☑	
246	Reflex			-43.5	178.3			57607	☑	
249	Reflex			-43.7	178.8			56884	☑	
252	Reflex			-43.6	179.1			56887	☑	
255	Reflex			-43.6	179			56847	☑	
258	Reflex			-43.5	179			56852	☑	
261	Reflex			-43.4	179			56891	☑	
264	Reflex			-43.4	179.2			56892	☑	
267	Reflex			-43.3	179.2			56962	☑	
270	Reflex			-43.3	179			56991	☑	
273	Reflex			-43.3	179			56816	☑	
279	Reflex			-43.2	178.9			56858	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
282	Reflex			-43.1	179			56833	☑	
285	Reflex			-43.1	179.3			56839	☑	
288	Reflex			-43.1	178.9			56860	☑	
291	Reflex			-43	178.8			56831	☑	
294	Reflex			-43.1	179.1			56832	☑	
297	Reflex			-43.1	178.9			56830	☑	
300	Reflex			-43.1	179.1			56818	☑	
303	Reflex			-43	179			56832	☑	
306	Reflex			-43.1	178.9			56802	☑	
309	Reflex			-43	178.9			56767	☑	
312	Reflex			-43	179.1			56799	☑	
315	Reflex			-43	179			56820	☑	
327	Reflex			-42.9	179.1			56915	☑	
330	Reflex			-42.9	179.5			56742	☑	
333	Reflex			-42.9	179.8			56954	☑	
336	Reflex			-42.9	179.3			56878	☑	
339	Reflex			-42.9	179.2			56896	☑	
342	Reflex			-42.8	179.6			57007	☑	
345	Reflex			-42.8	176.2			58167	☑	
348	Reflex			-42.8	179.3			56794	☑	
351	Reflex			-42.8	179.4			56761	☑	
354	Reflex			-42.7	179.4			56842	☑	
357	Reflex			-42.7	180.2			56794	☑	
360	Reflex			-42.7	179.4			56827	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
366	Reflex			-42.6	178.5			56656	☑	
369	Reflex			-42.6	179.2			56838	☑	
372	Reflex			-42.6	180			57176	☑	
375	Reflex			-42.6	179.4			56863	☑	
378	Reflex			-42.6	179.5			56865	☑	
381	Reflex			-42.6	179.5			56853	☑	
384	Reflex			-42.6	179.4			56852	☑	
387	Reflex			-42.5	179.6			56846	☑	
390	Reflex			-42.6	179.6			56846	☑	
393	Reflex			-42.6	179.5			56840	☑	
396	Reflex			-42.5	179.5			56858	☑	
399	Reflex			-42.5	179.5			56864	☑	
402	Reflex			-42.5	179.4			56874	☑	
405	Reflex			-42.5	179.4			56869	☑	

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	4.70	OB	Overburden											
4.70	5.50	E1	mafic volcanics	medium green	GS1									
5.50	6.60	I1	Mafic intrusive	dark green	GS3									
coarse grain mafic intusive														
6.60	7.30	E1	mafic volcanics	medium green	GS1									
fine grain mafic volcanics														
7.30	8.05	I3S	Feldspar porphyry	light grey	GS2									
8.05	29.90	E1	mafic volcanics	medium green	GS1									
dark green few interval of amp alteration2% carb stringers blocky ground, 1% med euhedral Py, weakly foliated 50dg														
<<Alt: 12 - 21: moderate Amphibole / moderate Epidote>>														
29.90	31.60	I0E	Lamprophyre	light grey	GS2									
Cal/Biotite, 3% Med grain Py														
31.60	35.40	E1	mafic volcanics	medium green	GS1									
weakly foliated mafic volcanics wek patchy biotite														
35.40	37.20	E2	Intermediate	medium green	GS2									
weakly foliated intermediate coarse plag medium green														
37.20	44.90	E1	mafic volcanics	medium green	GS1									
weakly foliated mafic volcanics med green in color wek patchy biotite alteration														
44.90	55.30	E1	mafic volcanics	"reddish"	GS0									
intense Silica alteration patchy strong hematite/kspar alterion														
<<Alt: 44.9 - 53.3: intense Silicification / strong Hematitic / strong K-feldspar>>														
<<Struc: 53.3 - 53.7: strong Breccia 75 deg. >> strong breccia infilled with epidote														

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
55.30	**62.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
weak pervassive biotitepatchy weak hem/kspar alterated mafics fine grain														
62.80	**67.00**	**I2A**	**Diorite**	**"greenish"**	**GS2**									
medium med grain weakly foliated diorite														
67.00	**68.40**	**I0E**	**Lamprophyre**	**medium grey**	**GS1**									
cal/bio 2% Py lamp dyke														
68.40	**94.70**	**I2A**	**Diorite**	**"greenish"**	**GS3**									
coarse hornblend lathesgray/green in color1% finegrain Py														
94.70	**96.50**	**I2**	**Intermediate intrusive**	**light grey**	**GS2**									
light gray intermediate coarse hornblend lathes														
96.50	**98.50**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
Dark green 1% coarse euhedral Py scattered,														
98.50	**117.80**	**I2A**	**Diorite**	**"greenish"**	**GS3**									
gray/green diorite coarse hornblend lathes1% med grain Py dissemented scattered beige silica patches														
117.80	**125.40**	**I2**	**Intermediate intrusive**	**light grey**	**GS2**									
light gray/green Intermediate med grain horn lathes														
125.40	**139.90**	**I3S**	**Feldspar porphyry**	**dark grey**	**GS3**									
dark gray 30% phenocrysts 5 % epidote infilled fractures														
139.90	**141.30**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
dark green mafics foliated 50 dg														
141.30	**142.00**	**I3S**	**Feldspar porphyry**	**light grey**	**GS2**									
light gray feldspar porphyry60% phenocrysts														
142.00	**157.50**	**E2**	**Intermediate**	**"greenish"**	**GS1**	143.00	144.00	1.00	290535	0.0025				
strongly aletred Intermediate intense carb/silica alteration patches														
<<Min: 142 - 156.8: 2% pyrite>> 2% fine grain Py diss						144.00	145.00	1.00	290536	0.009				
<<Min: 156.8 - 157.5: 2% chalcopyrite>>						145.00	146.00	1.00	290537	0.0025				
<<Alt: 142 - 157.5: intense Silicification / intense Carbonate>>						146.00	147.00	1.00	290538	0.047				
						147.00	148.00	1.00	290539	0.005				

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From (m)	To (m)		Rock Type & Description		
157.50	**165.20**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**
light gray QFP 40% phenocrysts					
165.20	**166.10**	**E1**	**mafic volcanics**	**dark green**	**GS1**
166.10	**167.80**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**
light gray QFP 60% phenocrysts					
167.80	**176.80**	**I2**	**Intermediate intrusive**	**"greenish"**	**GS2**
gray/green intermediate intense carb/silica patches 5% fractures infilled with epidote					
<<Alt: 167.8 - 175: intense Silicification / strong Carbonate>>					
176.80	**185.00**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**
light gray QFP 40% phenocrysts, 1% fine grain Py diss					
185.00	**198.90**	**I2**	**Intermediate intrusive**	**"greenish"**	**GS2**
gray/green intermediate intense carb/silica patchy alteration 1 % Fine Py stringers					
<<Min: 191 - 191.9: 2% chalcopyrite>>					
<<Min: 197.2 - 198.9: 2% chalcopyrite>>					
<<Alt: 185 - 195: strong Silicification / strong Carbonate>>					
<<Alt: 195 - 198.9: moderate Biotite>>					
<<Struc: 187.3 - 187.5: moderate Breccia 65 deg. >> mod breccia infilled with Epidote					
<<Struc: 188.2 - 188.3: weak Breccia 50 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
148.00	149.00	1.00	290541	0.006				
149.00	150.00	1.00	290542	0.006				
150.00	151.00	1.00	290543	0.0025				
151.00	152.00	1.00	290544	0.012				
152.00	153.00	1.00	290545	0.0025				
153.00	154.00	1.00	290546	0.006				
154.00	155.00	1.00	290547	0.011				
155.00	156.00	1.00	290548	0.006				
156.00	156.80	0.80	290549	0.0025				
156.80	157.50	0.70	290550	0.098				
157.50	158.50	1.00	290551	0.045				
185.00	186.00	1.00	290552	0.047				
186.00	187.00	1.00	290553	0.031				
187.00	188.00	1.00	290554	0.007				
188.00	189.00	1.00	290555	0.017				
189.00	190.00	1.00	290556	0.027				
190.00	191.00	1.00	290557	0.074				
191.00	192.00	1.00	290558	0.219				
192.00	193.00	1.00	290559	0.012				
193.00	194.00	1.00	290561	0.071				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					194.00	195.00	1.00	290562	0.0025				
					195.00	196.00	1.00	290563	0.014				
					196.00	197.00	1.00	290564	0.01				
					197.00	198.00	1.00	290565	0.176				
					198.00	198.90	0.90	290566	0.0025				
198.90	**200.30**	**I3S** **Feldspar porphyry**	**light grey**	**GS2**									
Light gray FPO 25% phencrysts													
					200.30	201.00	0.70	290567	0.024				
200.30	**202.10**	**E1** **mafic volcanics**	**dark green**	**GS1**	201.00	202.00	1.00	290568	0.018				
mod chl/biotite altered Mafic volcanics 2% chalc stringers													
202.10	**202.60**	**I3S** **Feldspar porphyry**	**light grey**	**GS2**									
Light gray FPO 20% phencrysts													
					202.60	203.30	0.70	290569	0.082				
202.60	**208.95**	**E1** **mafic volcanics**	**brown**	**GS1**	203.30	204.00	0.70	290570	0.095				
strong Biotite altered mafic volcanics 1% chlc stringers scattered Fine grain Po													
<<Min: 202.6 - 208.5: 2% chalcopyrite / 1% pyrrhotite>>					204.00	205.00	1.00	290571	0.031				
<<Alt: 202.6 - 208.95: strong Biotite>>					205.00	206.00	1.00	290572	0.094				
					206.00	207.00	1.00	290573	0.029				
					207.00	208.00	1.00	290574	0.044				
					208.00	208.90	0.90	290575	0.025				
208.95	**210.30**	**I3S** **Feldspar porphyry**	**light grey**	**GS2**									
					210.30	211.00	0.70	290576	0.006				
210.30	**211.00**	**E1** **mafic volcanics**	**brown**	**GS1**									
<<Min: 210.3 - 211: 2% pyrrhotite>>													
211.00	**213.10**	**I3S** **Feldspar porphyry**	**light grey**	**GS2**									
<<Min: 213 - 216: 2% pyrrhotite>>													
<<Alt: 212 - 216: strong Chlorite>>													
					213.10	213.60	0.50	290577	0.008				

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From (m)	To (m)		Rock Type & Description		
213.10	**241.30**	**E1**	**mafic volcanics**	**brown**	**GS1**

strongly biotite altered mafics chlc/Po stringers

<<Min: 223.2 - 237.3: 2% chalcopyrite / 1% pyrrhotite>>

<<Min: 237.3 - 239: 5% chalcopyrite / 2% pyrrhotite>>

<<Min: 239 - 249.2: 1% chalcopyrite / 1% pyrrhotite>>

<<Alt: 216 - 241.3: strong Biotite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
213.60	214.30	0.70	290578	0.01				
214.30	215.00	0.70	290579	0.009				
215.00	216.00	1.00	290581	0.016				
216.00	217.00	1.00	290582	0.0025				
217.00	218.00	1.00	290583	0.01				
218.00	219.00	1.00	290584	0.006				
219.00	220.00	1.00	290585	0.0025				
220.00	221.00	1.00	290586	0.013				
221.00	222.00	1.00	290587	0.01				
222.00	223.00	1.00	290588	0.016				
223.00	224.00	1.00	290589	0.018				
224.00	225.00	1.00	290590	0.007				
225.00	226.00	1.00	290591	0.014				
226.00	227.00	1.00	290592	0.021				
227.00	228.00	1.00	290593	0.045				
228.00	229.00	1.00	290594	0.009				
229.00	230.00	1.00	290595	0.005				
230.00	231.00	1.00	290596	0.013				
231.00	232.00	1.00	290597	0.019				
232.00	233.00	1.00	290598	0.0025				
233.00	234.00	1.00	290599	0.0025				
234.00	235.00	1.00	290601	0.01				
235.00	236.00	1.00	290602	0.006				
236.00	237.00	1.00	290603	0.01				
237.00	238.00	1.00	290604	0.137				
238.00	238.80	0.80	290605	0.066				
238.80	240.00	1.20	290606	0.924				
240.00	241.30	1.30	290607	0.09				
241.30	242.30	1.00	290608	0.106				

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From (m)	To (m)	Rock Type & Description		
241.30	**242.20**	**I3S** **Feldspar porphyry**	**light grey**	**GS2**
late veining with Chalco in the veining with Po				
242.20	**249.20**	**E1** **mafic volcanics**	**brown**	**GS1**
strong biotite altered mafics chalc/Po stringers				
<<Alt: 243 - 249.2: strong Biotite>>				
249.20	**249.80**	**I3S** **Feldspar porphyry**	**"reddish"**	**GS3**
Hem/Kspar altered patchy FPO				
249.80	**254.70**	**E1** **mafic volcanics**	**brown**	**GS1**
strong biotite altered Mafics mod eratly foliated 65dg				
<<Alt: 249.8 - 262: moderate Biotite>>				
254.70	**255.10**	**I3S** **Feldspar porphyry**	**light grey**	**GS3**
Light gray FPO 40% phenocrysts				
255.10	**267.00**	**E1** **mafic volcanics**	**dark green**	**GS1**
<<Min: 255.1 - 264: 1% pyrrhotite>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
242.30	243.00	0.70	290609	0.08				
243.00	244.00	1.00	290610	0.129				
244.00	245.00	1.00	290611	0.015				
245.00	246.00	1.00	290612	0.184				
246.00	247.00	1.00	290613	0.02				
247.00	248.00	1.00	290614	0.0025				
248.00	249.20	1.20	290615	0.0025				
249.80	251.00	1.20	290616	0.0025				
251.00	252.00	1.00	290617	0.0025				
252.00	253.00	1.00	290618	0.007				
253.00	254.00	1.00	290619	0.012				
254.00	254.70	0.70	290621	0.0025				
255.10	256.00	0.90	290622	0.0025				
256.00	257.00	1.00	290623	0.008				
257.00	258.00	1.00	290624	0.0025				
258.00	259.00	1.00	290625	0.0025				
259.00	260.00	1.00	290626	0.023				
260.00	261.00	1.00	290627	0.0025				
261.00	262.00	1.00	290628	0.0025				
262.00	263.00	1.00	290629	0.077				

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From (m)	To (m)		Rock Type & Description		
267.00	**268.00**	**I3**	**Felsic intrusive**	**"reddish"**	**GS0**
pinkish Felsic intrusive hematite/kspar altered felsic intrusive					
268.00	**304.50**	**E1**	**mafic volcanics**	**medium green**	**GS1**
mafic volcanics patchy mod Hematite/Kspar alteration 15% fractures infilled with epidote, patchy mod chl					
<<Alt: 268 - 296: moderate Hematitic / moderate K-feldspar>>					
<<Struc: 271 - 271.7: strong Fault 70 deg. >> strong breccia fault blocky ground					
<<Struc: 285.2 - 285.3: moderate Breccia 80 deg. >> Mod breccis infilled with epidote					
<<Struc: 301.1 - 301.3: strong Breccia 75 deg. >> strong breccia infilled with epidote					
304.50	**315.00**	**E1**	**mafic volcanics**	**"reddish"**	**GS1**
patchy strong hem/kspar altered mafic volcanics, 15% fractures infilled with epidote					
<<Struc: 308.4 - 313.1: strong Foliation 85 deg. >>					
315.00	**327.00**	**E1**	**mafic volcanics**	**medium green**	**GS1**
med green mafics fine grain, 20% blocky ground, 15% fractures infilled with epidote, patchy amp alteration					
<<Alt: 318 - 324: moderate Amphibole>>					
<<Alt: 324 - 341: moderate Hematitic / moderate K-feldspar>>					
327.00	**328.10**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**
light gray FPO 65% phenocrysts					
328.10	**332.90**	**E1**	**mafic volcanics**	**dark green**	**GS1**
medium green mafics 2%carb stringers chl altered					
332.90	**334.70**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS2**
pinkish FPO medium grain					
334.70	**340.50**	**E1**	**mafic volcanics**	**medium green**	**GS1**
chl altered mafics 15% fractures infilled with epidote					
340.50	**341.80**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS2**
Hem/kspar altered FPO					
<<Alt: 341 - 347: strong Chlorite>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
263.00	264.00	1.00	290630	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
341.80	**343.30**	**I0 Ultramafic (intrusive)**	**dark green**	**GS1**									
Dark green strong chl altered ultra?????, coarse euhedral Py													
343.30	**344.10**	**I3S Feldspar porphyry**	**"reddish"**	**GS2**									
Hem/Kspar altered pinkish FPO 40% phenocrysts													
344.10	**347.80**	**I0 Ultramafic (intrusive)**	**dark green**	**GS1**									
Dark green strong Chl altered ultra???? 1% med grain euhedral Py													
347.80	**349.90**	**I3S Feldspar porphyry**	**light grey**	**GS2**									
Light gray FPO 30% phenocrysts													
349.90	**353.30**	**E1 mafic volcanics**	**medium green**	**GS1**									
mafic volc patchy epidote/silica alteration 15 % epidote filled fractures													
353.30	**354.10**	**I3S Feldspar porphyry**	**light grey**	**GS2**									
Light gray FPO 15% Phenocrysts													
354.10	**357.10**	**E1 mafic volcanics**	**medium green**	**GS1**									
fine grain mafic volc 5% fractured infilled with epidote 2% carb stringers													
357.10	**358.20**	**I3S Feldspar porphyry**	**"reddish"**	**GS3**									
pinkish/gray FPO 65% phebnocrysts													
358.20	**360.30**	**E1 mafic volcanics**	**medium green**	**GS1**									
medium green Mafic volcanics 2% carb stringers													
360.30	**360.90**	**I3S Feldspar porphyry**	**"reddish"**	**GS3**									
pinkish/gray FPO 65% phenocrysts													
360.90	**376.80**	**E1 mafic volcanics**	**medium green**	**GS1**									
<<Alt: 372.5 - 373.5: strong Epidote>>													
376.80	**378.80**	**I3R Quartz-feldspar porphyry**	**light grey**	**GS3**									
coarse grain QFP 40% phenocrysts, small interval of mafics													
378.80	**405.00**	**E1 mafic volcanics**	**"reddish"**	**GS1**									
Hematite/Kspar strong patchy altered mafic 25% fractured infilled with epidote													

Hole: PAC-20-044

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 380.7 - 400: strong Hematitic / strong K-feldspar / moderate Silicification>>									
		<<Struc: 402.9 - 404.7: strong Breccia 60 deg. >>									

End of Hole @ 405

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-045

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-10-27	**Core Size:**	NQ
UTM East:	436534.4	**Azimuth:**	180	**Date Completed:**	2020-11-01	**Casing Pulled?:**	☐
UTM North:	5643432	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	415	**Length (m):**	402	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
						Reduced (m):	
Hole Status:	Completed	**Target:**	Faulkenham IP target			**Reduceed Size:**	
Hole Purpose:	EXPL					**Oriented?:**	☑

Comments:
High Au Assay (1.3ppm)

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
3	Reflex			-50	171.6			57254	☑	
6	Reflex			-49.7	171.2			57239	☑	
9	Reflex			-49.6	171.6			57232	☑	
12	Reflex			-49.6	171			57251	☑	
15	Reflex			-49.9	171.9			57224	☑	
18	Reflex			-49.5	171.6			58001	☑	
21	Reflex			-49.5	172.5			57442	☑	
24	Reflex			-49.4	173.1			57197	☑	
27	Reflex			-49.4	172.4			57340	☑	
30	Reflex			-49.3	172.8			57006	☑	
33	Reflex			-49.1	173.2			56790	☑	
36	Reflex			-49.1	173.3			56762	☑	

Hole: PAC-20-045

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
39	Reflex			-49	173			56951	☑	
42	Reflex			-49	173.4			57130	☑	
45	Reflex			-49	172.7			56710	☑	
48	Reflex			-48.9	173.1			57679	☑	
51	Reflex			-48.9	175			57434	☑	
54	Reflex			-48.5	172.9			56742	☑	
57	Reflex			-47.5	175.4			57351	☑	
60	Reflex			-48.5	172.9			56528	☑	
63	Reflex			-48.4	171.8			56893	☑	
66	Reflex			-48.3	173.8			56731	☑	
69	Reflex			-48.1	175.2			56835	☑	
72	Reflex			-48.1	174.5			57308	☑	
75	Reflex			-48.1	173.6			57101	☑	
78	Reflex			-48	172.9			56940	☑	
81	Reflex			-48	175.8			57546	☑	
84	Reflex			-47.9	174.8			57246	☑	
87	Reflex			-47.9	173.4			56636	☑	
90	Reflex			-47.9	173.9			56571	☑	
93	Reflex			-48.2	170.2			57443	☑	
96	Reflex			-47.8	173.8			57008	☑	
99	Reflex			-47.8	173.4			57232	☑	
102	Reflex			-47.7	175.3			57088	☑	
105	Reflex			-48	172.8			57033	☑	
108	Reflex			-47.6	175.1			56065	☑	

Hole: PAC-20-045

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
111	Reflex			-47.5	173.7			55959	☑	
114	Reflex			-47.5	174.2			57037	☑	
117	Reflex			-47.4	174.2			57130	☑	
120	Reflex			-47.4	174.6			57063	☑	
123	Reflex			-47.3	173.8			57201	☑	
126	Reflex			-47.3	173.8			57316	☑	
129	Reflex			-47.2	175			57419	☑	
132	Reflex			-47.2	173.9			57344	☑	
135	Reflex			-47.2	175.3			57020	☑	
138	Reflex			-47.2	175.1			57050	☑	
141	Reflex			-47.2	175			56918	☑	
144	Reflex			-47.2	177.1			57788	☑	
147	Reflex			-47.2	175.5			56997	☑	
150	Reflex			-47.2	174.3			57173	☑	
153	Reflex			-47.2	173.9			56445	☑	
156	Reflex			-47.1	175.2			56897	☑	
159	Reflex			-47.1	179.4			58483	☑	
165	Reflex			-47.9	179.3			57268	☑	
168	Reflex			-47	175.7			58186	☑	
171	Reflex			-47	175.9			56774	☑	
174	Reflex			-47.5	176.5			56723	☑	
177	Reflex			-46.9	174.3			57507	☑	
180	Reflex			-46.8	175.9			57198	☑	
183	Reflex			-46.8	176.9			57064	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
186	Reflex			-46.7	175.8			56917	☑	
189	Reflex			-46.7	175.8			56871	☑	
192	Reflex			-46.6	175.6			56873	☑	
195	Reflex			-46.6	175.6			56891	☑	
198	Reflex			-46.5	176.1			56879	☑	
201	Reflex			-46.4	175.8			56915	☑	
204	Reflex			-46.4	175.7			56898	☑	
207	Reflex			-46.3	176.1			56935	☑	
210	Reflex			-46.3	175.7			57306	☑	
213	Reflex			-46.3	176.2			56848	☑	
216	Reflex			-46.2	176.5			56840	☑	
219	Reflex			-46.1	176.2			56830	☑	
222	Reflex			-46.1	176.1			56850	☑	
225	Reflex			-46	175.9			56847	☑	
228	Reflex			-45.9	175.9			56856	☑	
231	Reflex			-45.7	176.1			56848	☑	
234	Reflex			-45.6	175.9			56850	☑	
237	Reflex			-45.3	176.3			56852	☑	
240	Reflex			-45.4	175.9			56862	☑	
243	Reflex			-45.4	176.1			56896	☑	
246	Reflex			-45.3	176.4			56889	☑	
249	Reflex			-45.2	176.3			56960	☑	
252	Reflex			-45.2	176.4			57211	☑	
255	Reflex			-45.1	175.6			56954	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
258	Reflex			-45.3	178.4			56903	☑	
261	Reflex			-44.9	176.2			56937	☑	
264	Reflex			-44.8	176.2			56798	☑	
267	Reflex			-44.7	175.6			56865	☑	
270	Reflex			-44.6	176.1			56888	☑	
273	Reflex			-44.6	175.9			56897	☑	
276	Reflex			-44.5	176.7			57156	☑	
279	Reflex			-44.4	175.7			56866	☑	
282	Reflex			-44.4	176			56864	☑	
285	Reflex			-44.3	176			56872	☑	
291	Reflex			-44.1	176			56923	☑	
294	Reflex			-44	176			56961	☑	
297	Reflex			-43.9	176.1			56933	☑	
300	Reflex			-43.8	176.7			56892	☑	
303	Reflex			-43.8	176.2			56893	☑	
306	Reflex			-43.8	176			56880	☑	
309	Reflex			-43.8	176.2			56896	☑	
312	Reflex			-43.8	176			56886	☑	
315	Reflex			-43.8	175.8			56871	☑	
318	Reflex			-43.8	176.1			56872	☑	
321	Reflex			-43.8	175.9			56861	☑	
324	Reflex			-43.3	177.7			56864	☑	
327	Reflex			-43.7	175.9			56955	☑	
330	Reflex			-43.7	175.8			56788	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
333	Reflex			-43.7	176			56821	☑	
336	Reflex			-43.6	176.5			56878	☑	
339	Reflex			-43.6	178.5			57509	☑	
342	Reflex			-43.6	176.2			56958	☑	
345	Reflex			-43.5	176.4			56938	☑	
348	Reflex			-43.5	176.1			56915	☑	
351	Reflex			-43.4	176.1			56890	☑	
354	Reflex			-43.4	176.3			56903	☑	
357	Reflex			-43.3	176.6			57022	☑	
360	Reflex			-43.3	178			57013	☑	
363	Reflex			-43.3	176.3			57081	☑	
366	Reflex			-43.3	176.1			57043	☑	
369	Reflex			-43.2	176.5			57261	☑	
372	Reflex			-43.2	174.8			57319	☑	
375	Reflex			-43.2	176			57096	☑	
378	Reflex			-43.3	175.6			56888	☑	
381	Reflex			-43.3	176.8			56744	☑	
384	Reflex			-43.2	177.2			56847	☑	
390	Reflex			-43.2	177.6			56816	☑	
393	Reflex			-43.2	177.8			56790	☑	
396	Reflex			-43.2	177.6			56809	☑	
399	Reflex			-43.1	177.6			56815	☑	
402	Reflex			-43.2	177.6			56823	☑	

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From (m)	To (m)		Rock Type & Description		
0.00	3.00	CS	casing (no recovery)		
3.00	35.70	E1	mafic volcanics	dark green	GS1

Moderatly foliated 55dg mottled mafic volcanics amp/carb alteration; increase in intercalated feldspar porphyry from 20m to dyke contact at 35.7m of up to 25%.

<<Alt: 3 - 16: moderate Amphibole / moderate Carbonate>>

<<Alt: 16 - 20: moderate Hematitic / moderate K-feldspar>>

<<Alt: 24 - 29.7: intense Silicification / strong Epidote / weak Feldspar>> 10% 0.02-0.05m wide bands. Very minor patches of feldspar alteration.

From (m)	To (m)		Rock Type & Description		
35.70	39.30	I1	Mafic intrusive	medium grey	GS2

Mafic Intrusive: grey with specks of black; medium to coarse grained; weakly foliated at 40 degrees TCA. Sharp upper and lower contacts

<<Min: 35.7 - 39.9: 1% pyrite>> Disseminated pyrite min. within late dykes.

From (m)	To (m)		Rock Type & Description		
39.30	39.90	I0E	Lamprophyre	medium grey	GS1

Finer grained lamp dyke with sharp upper and lower contacts

From (m)	To (m)		Rock Type & Description		
39.90	43.30	E2	Intermediate	medium grey	GS1

Intermediate volcanic: intercalated with quartz porphyry of 20%; mottled texture

From (m)	To (m)		Rock Type & Description		
43.30	47.70	I3R	Quartz-feldspar porphyry	"reddish"	GS3

QFP dyke: coarse grain with 40% white/red quartz-feldspar crystals; sharp upper and lower contacts

From (m)	To (m)		Rock Type & Description		
47.70	53.10	E2	Intermediate	medium grey	GS2

Intermediate volcanic with 25% mottled QP and gradational contacts between QP and intermediate volcanic.

<<Struc: 51.3 - 51.4: intense Fault - breccia gouge 40 deg. >>

From (m)	To (m)		Rock Type & Description		
53.10	54.20	I1	Mafic intrusive	light grey	GS2

Mafic Dyke: fine to medium grained; sharp upper and lower contacts

From (m)	To (m)		Rock Type & Description		
54.20	70.30	E2	Intermediate	medium grey	GS2

Mafic/intermediate volcanic: <10% mottled quartz porphyry with 15% dark green mafic fragments. Mediyum grained with 20% 1mm white quartz eyes

<<Struc: 56.8 - 56.9: intense Fault - breccia gouge 50 deg. >>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
34.00	35.00	1.00	290631	0.006				
35.00	35.70	0.70	290632	0.006				
35.70	37.00	1.30	290633	0.0025				
37.00	38.00	1.00	290634	0.0025				
38.00	39.00	1.00	290635	0.0025				
39.00	39.90	0.90	290636	0.0025				
39.90	41.00	1.10	290637	0.0025				
41.00	42.00	1.00	290638	0.0025				
42.00	43.30	1.30	290639	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
70.30	**71.90**	**I1** **Mafic intrusive**	**light grey**	**GS2**									
Mafic dyke: medium grained; gradational upper contact and sharp lower contact (35)													
71.90	**80.60**	**E2** **Intermediate**	**medium grey**	**GS1**	75.00	76.00	1.00	290641	0.016				
Intermediate volcanic with 40% intercalated quartz porphyry/porphyry; contacts are undefined with intrusive lithology. 5% stringers of PY + CP from 79.2-79.8m.													
<<Min: 79.2 - 79.8: 3% pyrite / 3% chalcopyrite>>					76.00	77.00	1.00	290642	0.013				
					77.00	78.00	1.00	290643	0.014				
					78.00	79.00	1.00	290644	0.026				
					79.00	79.80	0.80	290645	1.252				
					79.80	80.60	0.80	290646	0.009				
80.60	**81.70**	**I1** **Mafic intrusive**	**medium grey**	**GS2**									
Mafic Dyke: gradational and undefined contacts													
					80.60	81.70	1.10	290647	0.0025				
81.70	**96.20**	**I3P** **Porphyry**	**dark grey**	**GS3**									
QP with 20% intercalated intermediate to mafic volcanic as elongated dark green fragments 2-8 cm in size. Minor pink feldspar from 86-90m.													
					81.70	82.80	1.10	290648	0.019				
					82.80	84.00	1.20	290649	0.013				
					84.00	85.00	1.00	290650	0.01				
					85.00	86.00	1.00	290651	0.0025				
					86.00	87.00	1.00	290652	0.0025				
96.20	**98.90**	**I1** **Mafic intrusive**	**medium grey**	**GS1**									
Mafic Dyke: fine grained; massive; gradational upper contact and sharp lower contact at 30 degrees TCA.													
98.90	**127.70**	**I3Q** **Quartz porphyry**	**medium grey**	**GS3**	103.00	104.00	1.00	290653	0.0025				
Quartz Porphyry: 20% elongated fragments/clasts of mafic volcanic ranging in size from 1-5 cm; weak feldspar alteration throughout interval. Gradational and undefined lower contact; percentage of intrusive porphyry decreases.													
<<Min: 108.6 - 109.2: 5% pyrite>>					104.00	105.00	1.00	290654	0.0025				
					105.00	106.00	1.00	290655	0.0025				
					106.00	107.00	1.00	290656	0.0025				
					107.00	108.00	1.00	290657	0.0025				
					108.00	109.20	1.20	290658	0.006				

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From (m)	To (m)	Rock Type & Description
127.70	**145.70**	**E1 mafic volcanics dark grey GS1**
Predominantely mafic volcanic with minor (approx. 30%) intercalated/mottled fragments of tonalite intrusive. Contacts are faded and not defined. 10% stringers of PY 134.4-134.5m; gradational and undefined lower contact with mafic volcanic. 15% PY stringers/blebs associated with a 0.2m wide felsic dyke from 144.8-144.9m		
<<Min: 130.6 - 130.7: 2% pyrite>> mineralization associated with folded structure		
<<Min: 134.4 - 134.5: 5% pyrrhotite>>		
<<Min: 144.8 - 145: 8% pyrrhotite / 2% pyrite>> Mineralization associated with very minor felsic dyke.		
<<Alt: 144.3 - 145.9: weak Garnet>> 1-2mm anhedral <5% garnet crystals within an interval of mafic volcanic		
<<Struc: 131.3 - 131.4: complete Fault - breccia gouge 40 deg. >> Fault with light green fault breccia as mud		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
109.20	110.00	0.80	290659	0.007				
110.00	111.00	1.00	290661	0.021				
111.00	112.00	1.00	290662	0.006				
112.00	113.00	1.00	290663	0.0025				
113.00	114.00	1.00	290664	0.0025				
114.00	115.00	1.00	290665	0.006				
127.00	127.70	0.70	290666	0.01				
127.70	129.00	1.30	290667	0.012				
129.00	130.00	1.00	290668	0.005				
130.00	131.00	1.00	290669	0.188				
131.00	132.00	1.00	290670	0.0025				
132.00	133.00	1.00	290671	0.006				
133.00	134.00	1.00	290672	0.005				
134.00	134.70	0.70	290673	0.093				
134.70	136.00	1.30	290674	0.012				
136.00	137.00	1.00	290675	0.078				
137.00	138.00	1.00	290676	0.007				
138.00	139.00	1.00	290677	0.0025				
143.00	144.00	1.00	290678	0.03				
144.00	144.70	0.70	290679	0.053				
144.70	145.70	1.00	290681	0.018				

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From (m)	To (m)		Rock Type & Description		
145.70	**150.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive; dark grey; fine grained					
150.00	**163.00**	**I3B**	**Tonalite**	**light grey**	**GS2**
Predominantely intusive tonalite with lesser fragments and minor intervals of mafic volcanic (approx 30%); weak light green epidote alt along fracture planes. Minor pink felspar alt within the intrusion.					
163.00	**167.00**	**E1**	**mafic volcanics**	**brown**	**GS1**
Mafic Volcanic: massive; with 30% intercalated fragments of light grey tonalite with very faded and gradational contacts.					
167.00	**202.70**	**E1**	**mafic volcanics**	**brown**	**GS1**
Mafic Volcanic: massive; fine grained; patches of moderate to strong biotite alteration from 174-180m; <2% white qtz-carb blebs and veinlets <4cm wide throughout interval.					
<<Min: 169.9 - 170.3: 2% pyrite / 2% pyrrhotite>> minor stringer of PY at 167.9m					
<<Min: 194.1 - 195.2: 0.5% pyrite>>					
<<Min: 201.5 - 201.7: 2% pyrite>> PY mineralization within a fault structure					
<<Alt: 176 - 188: strong Biotite>>					
<<Struc: 196 - 196.1: intense Fault 60 deg. >> minor fault with strong chlorite alteration					
<<Struc: 201.1 - 201.2: strong Shear / mylonitic foliation 40 deg. >> Weak chlorite altered shear.					
<<Struc: 201.5 - 201.7: intense Fault 40 deg. >> Shear/fault zone with strong chlorite alteration and 10% PY mineralization.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
145.70	147.00	1.30	290682	0.0025				
147.00	148.00	1.00	290683	0.0025				
148.00	149.00	1.00	290684	0.0025				
166.00	167.00	1.00	290685	0.0025				
167.00	168.00	1.00	290686	0.05				
168.00	169.00	1.00	290687	0.011				
169.00	169.80	0.80	290688	0.0025				
169.80	170.40	0.60	290689	0.039				
170.40	171.00	0.60	290690	0.0025				
171.00	172.00	1.00	290691	0.009				
192.00	193.00	1.00	290692	0.0025				
193.00	194.00	1.00	290693	0.048				
194.00	195.00	1.00	290694	0.021				
195.00	196.00	1.00	290695	0.018				
196.00	197.00	1.00	290696	0.009				
197.00	198.00	1.00	290697	0.013				
198.00	199.00	1.00	290698	0.015				
199.00	200.00	1.00	290699	0.005				
200.00	201.30	1.30	290701	0.007				
201.30	202.00	0.70	290702	0.026				
202.00	202.70	0.70	290703	0.244				

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From (m)	To (m)		Rock Type & Description		
202.70	**204.40**	**I1**	**Mafic intrusive**	**light grey**	**GS2**
Mafic Dyke: light grey; massive; medium to coarse grained; <1% PY disseminated mineralization; very weak silica alt					
<<Min: 202.7 - 204.4: 0.5% pyrite>> Trace% disseminated pyrite mineralization within QP dyke.					
204.40	**227.10**	**E1**	**mafic volcanics**		**GS1**
Mafic Volcanic: weakly foliated at 45 degrees TCA; weak to moderate bands of biotite alteration 2-5cm in width and parallel to foliation. Sharp upper and lower contacts with QP dykes. Narrow QFP dyke from 215-215.2m.					
<<Alt: 206 - 227.1: moderate Biotite>> 25% narrow 1-5 cm wide biotite bands parallel to foliation.					
<<Struc: 219 - 219.1: Foliation 50 deg. >>					
227.10	**228.80**	**I3Q**	**Quartz porphyry**		**GS3**
QP Dyke: coarse grained with 50% 2-5mm in size. Sharp upper (65) and lower contacts (50).					
228.80	**229.10**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
weakly sheared mafic volcanic due narrow interval between two QP dykes.					
229.10	**229.50**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**
QP Dyke: massive; coarse grained with 50% 2-5mm anhedral white quartz crystals.					
229.50	**236.00**	**E1**	**mafic volcanics**	**dark green**	**GS2**
Mafic Volcanic?: possible mafic dyke; medium grained and massive; Sharp upper and lower contacts with dykes.					
<<Alt: 229.5 - 236: trace Chlorite>>					
236.00	**237.50**	**I2**	**Intermediate intrusive**	**light grey**	**GS3**
Intermediate Dyke: Light grey; massive; very weak silica alteration; increase in white qtz eyes to 10% from 237.3-237.5m					
<<Struc: 236 - 236.1: complete Litho contact - sharp / undeformed 60 deg. >>					
237.50	**240.90**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: weakly foliated at 50 degrees TCA; dark grey/green in colour.					
240.90	**247.00**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**
Quartz Porphyry Dyke: 40% 2-5mm rounded white quartz eyes. Sharp lower contact at 60 degrees TCA					
247.00	**251.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic volcanic: dark grey/green; massive but with patches of weak foliation; 2-3% late white qtz-carb. Veinlets					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
202.70	203.50	0.80	290704	0.0025				
203.50	204.40	0.90	290705	0.0025				
204.40	205.40	1.00	290706	0.0025				
205.40	206.40	1.00	290707	0.0025				
249.00	250.00	1.00	290708	0.0025				

Hole: PAC-20-045

From (m)	To (m)		Rock Type & Description		
251.40	**252.80**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**
QP Dyke: massive; 40-50% 1-3mm anhedral white quartz eyes; Sharp upper and lower contacts <<Min: 251.4 - 252.8: 1% pyrite>> very minor PY mineralization within QP dyke					
252.80	**254.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive with minor biotite bands/stringers					
254.00	**254.30**	**I0E**	**Lamprophyre**	**medium grey**	**GS2**
Lamp Dyke: massive; medium grey; sharp upper and lower contacts					
254.30	**260.30**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: very weak foliation at 65 degrees TCA; 1-2% late white qtz-carb veinlets/stringers					
260.30	**261.30**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**
QP Dyke: massive with sharp upper and lower contacts <<Min: 260.3 - 261.3: 0.5% pyrite>> Trace% PY diss within QP dyke					
261.30	**265.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: minor <5% late feldspar/quartz rich veins/veinlets parallel to foliation					
265.50	**276.30**	**I3B**	**Tonalite**	**light grey**	**GS0**
Alternating bands of predominantely altered Tonalite with intercalated mafic volcanic; weak late fault brecciation from 270.7-272m; strong breccia fault from 273.4-274.3m; gradational and undefined upper and lower contacts. <<Alt: 265.5 - 276.3: strong Silicification / moderate Epidote>> <<Struc: 270.8 - 272: moderate Fault 65 deg. >> Late weak fault zone with varying angles; fractures are infilled with light green epidote					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
250.00	251.40	1.40	290709	0.0025				
251.40	252.80	1.40	290710	0.0025				
252.80	254.00	1.20	290711	0.0025				
254.00	255.00	1.00	290712	0.018				
255.00	256.00	1.00	290713	0.0025				
256.00	257.00	1.00	290714	0.0025				
257.00	258.00	1.00	290715	0.016				
258.00	259.00	1.00	290716	0.035				
259.00	260.30	1.30	290717	0.007				
260.30	261.30	1.00	290718	0.0025				
261.30	262.00	0.70	290719	0.008				
262.00	263.00	1.00	290721	0.032				

Hole: PAC-20-045

From (m)	To (m)		Rock Type & Description		
<<Struc: 273.5 - 274.3: intense Fracture 40 deg. >> Late fracture zone associated with a lamp dyke					
276.30	**284.50**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: weak to moderate pervasive silica alteration; <10% intercalated bands/stringers of faded/altered tonalite; sharp lower contact with dyke at 20 degrees TCA					
<<Struc: 281.7 - 281.8: moderate Foliation 65 deg. >>					
<<Struc: 284.4 - 284.5: intense Litho contact - sharp / undeformed 20 deg. >> Sharp litho contact					
284.50	**287.50**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**
Quartz Porphyry Dyke: light grey; massive; 30% 1-2mm anhedral white quartz eyes; very minor pink k-spar crystals					
<<Min: 284.5 - 287.5: 0.5% pyrite>> Trace to 1% diss PY mineralization within QP dyke					
287.50	**288.70**	**E1**	**mafic volcanics**	**dark green**	**GS1**
dark green mafic volcanic; strong foliation at 65 degrees					
288.70	**290.50**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**
QFP dyke with strong silica alteration; sharp upper and lower contact					
290.50	**291.30**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Mafic Volcanic: dark green; 1-2% white qtz-carb stringers/veinlets parallel to foliation					
291.30	**291.90**	**I3Q**	**Quartz porphyry**	**light grey**	**GS0**
Quartz Porphyry: altered with strong pervasive silica; sharp upper and lower contacts					
291.90	**292.70**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Mafic Volcanic: dark green; massive					
292.70	**314.80**	**E1**	**mafic volcanics**	**light green**	**GS0**
Intense/complete prevasive silica alteration; strong red hematite alteration from 293-294m. Strong to intense late narrow breccia faulting throughout the interval. Possible QFP dyke from 311.7-312.7m, overprinted by very strong silica alteration and faulting/fracturing					
<<Min: 302.7 - 304.4: 5% pyrite>> 5% PY mineralization as both disseminated and blebs					
<<Alt: 292.7 - 294: intense Hematitic / strong Silicification>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
282.00	283.00	1.00	290722	0.036				
283.00	284.50	1.50	290723	0.0025				
284.50	286.00	1.50	290724	0.028				
286.00	287.50	1.50	290725	0.013				
287.50	288.70	1.20	290726	0.017				
288.70	290.50	1.80	290727	0.014				
290.50	291.30	0.80	290728	0.019				
291.30	291.90	0.60	290729	0.011				
291.90	292.70	0.80	290730	0.01				
292.70	294.00	1.30	290731	0.009				
294.00	295.00	1.00	290732	0.0025				
295.00	296.00	1.00	290733	0.012				
296.00	297.00	1.00	290734	0.006				

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From (m)	To (m)	Rock Type & Description
		<<Alt: 294 - 314.8: strong Silicification / weak K-feldspar / intense Epidote>>
		<<Struc: 293.4 - 294: complete Fracture>> Broken core within red hematite altered zone
		<<Struc: 294 - 314.8: moderate Fault>> Wide fault zone with late breccia infilled with light green epidote/silica. Fractures/faults are at overlapping at various angles. One oriented core measurement taken at 313.5m on a fracture fault.
314.80	**325.20**	**E1 mafic volcanics medium grey GS1**
		Mafic Volcanic: weak pervasive silica alteration; weak foliation at 70 degrees TCA. Undefined lower contact with QP.
325.20	**327.10**	**I3Q Quartz porphyry light grey GS2**
		Quartz Porphyry: overprinted with moderate silica alteration; faded and undefined texture due to alteration; Undefined upper and lower contacts.
		<<Alt: 325.2 - 335.8: weak Silicification / weak Chlorite>>
		<<Struc: 326.8 - 329.6: weak Fault - breccia gouge 70 deg. >> Weak late light green breccia faults

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
297.00	298.00	1.00	290735	0.013				
298.00	299.00	1.00	290736	0.007				
299.00	300.00	1.00	290737	0.0025				
300.00	301.00	1.00	290738	0.0025				
301.00	302.00	1.00	290739	0.0025				
302.00	302.70	0.70	290741	0.0025				
302.70	303.50	0.80	290742	0.006				
303.50	304.40	0.90	290743	0.01				
304.40	306.00	1.60	290744	0.006				
306.00	307.00	1.00	290745	0.0025				
307.00	308.00	1.00	290746	0.009				
308.00	309.00	1.00	290747	0.0025				
309.00	310.00	1.00	290748	0.0025				
310.00	311.00	1.00	290749	0.0025				
311.00	312.00	1.00	290750	0.0025				
312.00	313.00	1.00	290751	0.0025				
313.00	314.00	1.00	290752	0.009				
314.00	314.80	0.80	290753	0.0025				
314.80	316.00	1.20	290754	0.026				
316.00	317.00	1.00	290755	0.0025				
317.00	318.00	1.00	290756	0.009				
318.00	319.00	1.00	290757	0.019				

Hole: PAC-20-045

From (m)	To (m)		Rock Type & Description		
327.10	**328.90**	**E1**	**mafic volcanics**	**medium green**	**GS0**
Mafic volcanic: moderate to strong silica alteration; strong foliation at 65 degrees TCA; weak late breccia low angle faulting					
328.90	**329.60**	**I3Q**	**Quartz porphyry**	**medium green**	**GS3**
Faded QP dyke that has been overprinted by pervasive silica alteration; sharp upper (75) and lower (65) contacts					
329.60	**335.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**
Mafic Volcanic: strong silica + chlorite pervasive alteration overprinting primary texture; strong foliation at 70 degrees TCA; minor light green low angle breccia faults; sharp upper and lower contact					
<<Struc: 335 - 335.6: strong Fault - breccia gouge 15 deg. >> low angle light green breccia fault					
335.80	**336.50**	**I0E**	**Lamprophyre**	**light grey**	**GS1**
Lamp dyke: light grey/brown; fine grained; massive; sharp upper and lower contacts					
336.50	**343.60**	**I3Q**	**Quartz porphyry**	**medium grey**	**GS2**
Quartz Porphyry intercalated with intermediate/mafic volcanic; contacts are faded and undefined; overprinted with strong silica alteration					
<<Alt: 336.5 - 343.6: weak Silicification>>					
<<Struc: 339.5 - 339.6: moderate Foliation 70 deg. >>					
343.60	**344.00**	**I0E**	**Lamprophyre**	**dark grey**	
Lamp dyke: dark grey; massive dyke					
344.00	**347.30**	**I3Q**	**Quartz porphyry**	**medium grey**	**GS2**
Quartz porphyry with intercalated intermediate/mafic volcanic; very faded and undefined between the two rock types. Lower contact undefined.					
<<Alt: 344 - 348: weak Silicification>>					
347.30	**349.90**	**E2**	**Intermediate**	**medium grey**	**GS1**
Intermediate volcanic: possible shear zone with laminated black and pink k-spar bands; weak to moderate pervasive silica alteration					
<<Alt: 348 - 349.9: weak Silicification / weak K-feldspar>>					
<<Struc: 347.9 - 349.9: intense Shear / mylonitic foliation 75 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
348.00	349.00	1.00	290758	0.011				
349.00	349.90	0.90	290759	0.01				

Hole: PAC-20-045

From (m)	To (m)	Rock Type & Description		
349.90	**351.10**	**I0E** **Lamprophyre**	**dark grey**	**GS2**
Lamp dyke: massive; 1-2% disseminated PY; irregular/undefined upper contact and sharp lower contact at 60 degrees				
<<Min: 349.9 - 351.1: 1% pyrite>> <1% disseminated PY within lamp dyke				
351.10	**354.40**	**E1** **mafic volcanics**	**medium grey**	**GS1**
Mafic volcanic: 20% weak/faded patches/intervals of quartz porphyry; strong breccia fault from 352.4-353m				
<<Alt: 351.1 - 354.4: weak Silicification>>				
<<Struc: 352.3 - 353: intense Fault - breccia gouge 50 deg. >> Light green; breccia fault				
354.40	**355.00**	**I0E** **Lamprophyre**	**dark grey**	**GS1**
Lamp dyke: massive; <1% disseminated PY; Sharp upper and lower contacts				
<<Min: 354.4 - 355: 1% pyrite>> <1% disseminated PY within lamp dyke				
355.00	**365.50**	**E2** **Intermediate**	**light grey**	**GS0**
Intermediate volcanic with altering intercalated quartz porphyry; contacts are undefined and transitional; strong to intense pervasive silica alteration + 5% pink k-spar as fracture infill; strong late light green fractures/breccia faults at varying criss crossing angles.				
<<Alt: 355 - 365.5: strong Silicification / moderate K-feldspar / moderate Epidote>>				
<<Struc: 355 - 355.7: moderate Shear / mylonitic foliation 70 deg. >>				
<<Struc: 355.7 - 381.5: strong Fault - breccia gouge 20 deg. >> Fault breccia zone with 25% late light green narrow (1-10mm) breccia faults				
365.50	**393.80**	**E1** **mafic volcanics**	**medium grey**	**GS1**
Mafic volcanic: strong late light green breccia faulting/fracturing with weak silica alteration, narrow and re-healed from 365.5-391.5m;				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
349.90	351.10	1.20	290761	0.006				
351.10	352.00	0.90	290762	0.009				
352.00	353.00	1.00	290763	0.0025				
353.00	354.40	1.40	290764	0.009				
354.40	355.00	0.60	290765	0.009				
355.00	356.00	1.00	290766	0.006				
356.00	357.00	1.00	290767	0.0025				
357.00	358.00	1.00	290768	0.0025				
358.00	359.00	1.00	290769	0.0025				
359.00	360.00	1.00	290770	0.0025				
360.00	361.00	1.00	290771	0.0025				
361.00	362.00	1.00	290772	0.0025				
362.00	363.00	1.00	290773	0.0025				
363.00	364.00	1.00	290774	0.0025				
364.00	365.50	1.50	290775	0.0025				
365.50	367.00	1.50	290776	0.0025				

Hole: PAC-20-045

From (m)	To (m)	Rock Type & Description
		<<Alt: 365.5 - 391.5: weak Silicification / moderate Epidote / weak Chlorite>> pervasive silica/chlorite alteration associated with wide weak to moderate breccia fault zone. Light green epidote alteration associated with very narrow breccia faults.
		<<Struc: 381.5 - 382.4: intense Fault - breccia gouge 65 deg. >> Strong fault brecciation zone.
		<<Struc: 388.5 - 389: intense Fault - breccia gouge 30 deg. >> low angle light green breccia fault
		<<Struc: 389 - 391.5: weak Fault - breccia gouge 35 deg. >> weak very narrow breccia faults approx. 5% throughout interval; varying angles from 35 to 65 degrees TCA
393.80	**394.40**	**I3R** **Quartz-feldspar porphyry** **light grey** **GS2**
		QFP Dyke: medium to coarse grained; light grey with 50% qtz-feldspar crystals; sharp upper and lower contacts both at 65 degrees TCA
394.40	**398.50**	**E1** **mafic volcanics** **dark green** **GS1**
		Mafic Volcanic: alternating light and dark green bands; strong foliation at 60 degrees TCA
		<<Struc: 397 - 397.5: weak Fault - breccia gouge>>
398.50	**399.40**	**I3R** **Quartz-feldspar porphyry** **light grey** **GS2**
		QFP Dyke: medium to coarse grained; massive; 50% white qtz and pink k-spar crystals
399.40	**402.00**	**E1** **mafic volcanics** **dark green** **GS1**
		Mafic Volcanic: banded light/dark green; weak persasive chlorite alteration; EOH @402m

End of Hole @ 402

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
367.00	368.00	1.00	290777	0.007				
368.00	369.00	1.00	290778	0.015				
369.00	370.00	1.00	290779	0.0025				
370.00	371.00	1.00	290781	0.0025				
371.00	372.00	1.00	290782	0.005				
372.00	373.00	1.00	290783	0.006				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-046

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-11-01	**Core Size:**	NQ
UTM East:	437333	**Azimuth:**	200	**Date Completed:**	2020-11-04	**Casing Pulled?:**	☐
UTM North:	5643571	**Dip:**	-55	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	415	**Length (m):**	312	**Drill Rig:**	Rig4	**Casing Depth (m):**	3.5
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		312 EOH					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
3	ReflexEZS	Nordik Drilling		-48.9	183.2			57987	☑	
6	ReflexEZS	Nordik Drilling		-48.9	183.4			57892	☑	
15	ReflexEZS	Nordik Drilling		-48.7	183.9			58182	☑	
30	ReflexEZS	Nordik Drilling		-48.5	184.2			57396	☑	
33	ReflexEZS	Nordik Drilling		-48.4	184.1			57506	☑	
36	ReflexEZS	Nordik Drilling		-48.3	184.2			56883	☑	
60	ReflexEZS	Nordik Drilling		-48.2	184.5			57000	☑	
66	ReflexEZS	Nordik Drilling		-48.2	184.6			54842	☑	
93	ReflexEZS	Nordik Drilling		-48.1	184.6			57154	☑	
105	ReflexEZS	Nordik Drilling		-47.9	184.5			57024	☑	
123	ReflexEZS	Nordik Drilling		-47.8	184.7			56961	☑	
129	ReflexEZS	Nordik Drilling		-47.8	184.5			57050	☑	

Hole: PAC-20-046

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
138	ReflexEZS	Nordik Drilling		-47.7	184.6			56986	☑	
144	ReflexEZS	Nordik Drilling		-47.7	184.4			59262	☑	
147	ReflexEZS	Nordik Drilling		-47.7	184.5			56970	☑	
150	ReflexEZS	Nordik Drilling		-47.7	184.5			56952	☑	
153	ReflexEZS	Nordik Drilling		-47.6	184.6			56938	☑	
156	ReflexEZS	Nordik Drilling		-47.5	184.5			56951	☑	
162	ReflexEZS	Nordik Drilling		-47.3	184.8			56959	☑	
165	ReflexEZS	Nordik Drilling		-47.3	184.7			56955	☑	
171	ReflexEZS	Nordik Drilling		-47.1	184.5			56952	☑	
177	ReflexEZS	Nordik Drilling		-47.2	184.7			56964	☑	
195	ReflexEZS	Nordik Drilling		-46.9	184.5			56914	☑	
198	ReflexEZS	Nordik Drilling		-46.8	184.6			56916	☑	
201	ReflexEZS	Nordik Drilling		-46.8	184.5			56933	☑	
210	ReflexEZS	Nordik Drilling		-46.6	184.4			56891	☑	
219	ReflexEZS	Nordik Drilling		-46.4	184.3			56880	☑	
222	ReflexEZS	Nordik Drilling		-46.3	184.4			56898	☑	
225	ReflexEZS	Nordik Drilling		-46.3	184.2			56890	☑	
234	ReflexEZS	Nordik Drilling		-46.1	184			56884	☑	
237	ReflexEZS	Nordik Drilling		-46	184.1			56889	☑	
240	ReflexEZS	Nordik Drilling		-45.9	184.1			56889	☑	
243	ReflexEZS	Nordik Drilling		-45.9	184.1			56886	☑	
246	ReflexEZS	Nordik Drilling		-45.8	184.2			56877	☑	
249	ReflexEZS	Nordik Drilling		-45.7	184			56886	☑	
252	ReflexEZS	Nordik Drilling		-45.7	184			56898	☑	

Hole: PAC-20-046

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
267	ReflexEZS	Nordik Drilling		-45.5	183.4			56943	☑	
270	ReflexEZS	Nordik Drilling		-45.5	183.2			56853	☑	
282	ReflexEZS	Nordik Drilling		-45.2	182.8			57006	☑	
285	ReflexEZS	Nordik Drilling		-45.2	182.7			56978	☑	
288	ReflexEZS	Nordik Drilling		-45.1	182.4			56935	☑	
291	ReflexEZS	Nordik Drilling		-45	182.1			57175	☑	
294	ReflexEZS	Nordik Drilling		-45.1	182.1			57051	☑	
303	ReflexEZS	Nordik Drilling		-45	181.9			57517	☑	

Hole: PAC-20-046

From (m)	To (m)		Rock Type & Description		
0.00	**3.50**	**CS**	**casing (no recovery)**		
Casing					
3.50	**38.20**	**I1A**	**Gabbro**	**medium grey**	**GS2**
Intrusive intermediate to mafic: medium grained; massive; minor interal of intermediate volcanic from 4.4-4.8m; weak sericite alteration from 11.7-12m. Sharp lower contact at 40 degrees TCA					
<<Alt: 11.7 - 12: moderate Sericite>>					
38.20	**39.40**	**E2**	**Intermediate**	**medium grey**	**GS0**
Intermediate mafic volcanic: very fine grained textrure; strong prevasive silica alteration; sharp upper and lower contacts with the intrusive					
39.40	**44.30**	**I1A**	**Gabbro**	**dark green**	**GS2**
Mafic intrusive gabbro/tonalite: massive; medium grained; sharp upper and lower contacts					
44.30	**46.40**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
Quartz Porphyry: increase in white 1-2 mm 40% quartz eyes; upper and lower contacts undefined					
46.40	**47.20**	**E2**	**Intermediate**	**medium grey**	**GS1**
Intermediate to mafic volcanic: massive; medium grained; aphanitic to very fine grained; irregular lower contact					
47.20	**49.30**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive tonalite with intercalated mafic volcanic; contacts are faded and not defined; gradational upper and lower contacts					
49.30	**57.90**	**E2**	**Intermediate**	**light grey**	**GS0**
Intermediate volcanic: strong pervasive silica alteration; trace% disseminated pyrite; altered intrusion from 55.5-56.4m; Gradational and undefined upper and lower contacts					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
25.00	26.00	1.00	290784	0.021				
26.00	27.00	1.00	290785	0.023				
27.00	28.00	1.00	290786	0.005				
28.00	29.00	1.00	290787	0.016				
29.00	30.00	1.00	290788	0.005				
30.00	31.00	1.00	290789	0.015				
31.00	32.00	1.00	290790	0.026				
32.00	33.00	1.00	290791	0.012				
33.00	34.00	1.00	290792	0.005				
34.00	35.00	1.00	290793	0.011				
35.00	36.00	1.00	290794	0.013				
46.40	47.20	0.80	290795	0.014				
47.20	48.00	0.80	290796	0.019				
48.00	49.30	1.30	290797	0.014				

Hole: PAC-20-046

From (m)	To (m)	Rock Type & Description
		<<Min: 52.8 - 54: 1% pyrite>>
		<<Alt: 49.3 - 52.8: weak Silicification>>
		<<Alt: 52.8 - 55.3: intense Silicification>> Intense silica alteration associated with trace-1% PY mineralization
57.90	**78.90**	**I1A Gabbro dark grey GS2**
		Intermediate to mafic gabbro intrusive: <5% 1-5mm anhedral red cyrstals throughout the interval; minor intervals of mafic volcanic 60-60.8, 65.7-66, 69-69.8, 70.8-71m; Sharp lower contact at 75 degrees TCA
		<<Min: 68.3 - 69.2: 2% pyrite>>
		<<Min: 70.4 - 70.7: 2% pyrite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
49.30	50.00	0.70	290798	0.005				
50.00	51.00	1.00	290799	0.014				
51.00	52.00	1.00	290801	0.031				
52.00	52.80	0.80	290802	0.005				
52.80	54.00	1.20	290803	0.018				
54.00	55.00	1.00	290804	0.013				
55.00	56.00	1.00	290805	0.014				
56.00	57.00	1.00	290806	0.012				
57.00	58.00	1.00	290807	0.005				
58.00	59.00	1.00	290808	0.021				
59.00	60.00	1.00	290809	0.023				
60.00	61.00	1.00	290810	0.013				
61.00	62.00	1.00	290811	0.012				
62.00	63.00	1.00	290812	0.014				
63.00	64.00	1.00	290813	0.019				
64.00	65.00	1.00	290814	0.005				
65.00	66.00	1.00	290815	0.005				
66.00	67.00	1.00	290816	0.005				
67.00	68.30	1.30	290817	0.005				
68.30	69.20	0.90	290818	0.017				
69.20	70.00	0.80	290819	0.005				
70.00	70.80	0.80	290821	0.005				
70.80	72.00	1.20	290822	0.005				
72.00	73.00	1.00	290823	0.005				

Hole: PAC-20-046

From (m)	To (m)	Rock Type & Description		
78.90	**82.70**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: Dark grey; fine grained; dark red hematite staining along fractures and as stringers; <<Alt: 78.9 - 82.7: weak K-feldspar>> Pink/red k-spar alt within fractures and stringers <<Struc: 80.3 - 80.6: complete Fault - breccia gouge 50 deg. >> Late light green breccia fault re-healed with epidote/silica				
82.70	**104.90**	**I1A** **Gabbro**	**medium grey**	**GS2**
Intrusive Gabbro/tonalite: medium to coarse grained; massive, 20-25% 1-3mm anhedral white qtz crystals; very minor late mafic dyke 97.9-98.1m <<Min: 90.2 - 90.3: 5% pyrite>> wavy/disrupted stringers of PY mineralization <<Alt: 82.7 - 100: weak K-feldspar>> minor patches of pink/red k-spar crystals within the intrusive				
104.90	**105.60**	**I1** **Mafic intrusive**	**dark grey**	**GS1**
Mafic Dyke: very fine grained, massive late dyke				
105.60	**106.80**	**I1A** **Gabbro**	**medium grey**	**GS2**
Intrusive gabbro/tonalite: strongly foliated at 75 degrees TCA; sharp upper and lower contacts				
106.80	**108.20**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; massive; minor interval of gabbro intrusion 107.5-107.9m; Sharp upper and lower contacts				
108.20	**143.10**	**I1A** **Gabbro**	**medium grey**	**GS3**
Intrusive Gabbro with intercalated pink Feldspar granite up to 126m; contacts between the two lithologies are gradational and undefined; dark grey with specks of white; minor patches of mafic volc fragments that are matrix support; sharp lower contact <<Min: 136.4 - 136.5: 0.5% pyrite>>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
86.00	87.00	1.00	290824	0.005				
87.00	88.00	1.00	290825	0.005				
88.00	89.00	1.00	290826	0.01				
89.00	90.00	1.00	290827	0.014				
90.00	91.00	1.00	290828	0.014				
91.00	92.00	1.00	290829	0.005				
92.00	93.00	1.00	290830	0.016				
93.00	94.00	1.00	290831	0.013				
94.00	95.00	1.00	290832	0.005				
95.00	96.00	1.00	290833	0.016				

Hole: PAC-20-046

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 139.5 - 143.1: weak Garnet>>													
<<Vein: 111.8 - 112: 50% Quartz-Carbonate vein contain 10-90% quartz>> Minor late disrupted Qtz-carb veinlets													
					135.00	136.00	1.00	290834	0.005				
					136.00	137.00	1.00	290835	0.005				
					137.00	138.00	1.00	290836	0.014				
					138.00	139.00	1.00	290837	0.005				
					139.00	140.00	1.00	290838	0.005				
					140.00	141.00	1.00	290839	0.005				
					141.00	142.00	1.00	290841	0.005				
					142.00	143.10	1.10	290842	0.005				
					143.10	144.50	1.40	290843	0.016				
143.10	**145.30**	**E1**	**mafic volcanics**	**dark grey** **GS1**	144.50	145.30	0.80	290844	0.043				
Mafic Volcanic: very weak foliation at 65 degrees; very fine grained; Sharp upper and lower contact													
<<Min: 144.7 - 144.8: 2% pyrite>>													
					145.30	146.00	0.70	290845	0.005				
145.30	**148.70**	**I3Q**	**Quartz porphyry**	**light grey** **GS3**	146.00	147.00	1.00	290846	0.005				
Quartz Porphyry Dyke: coarse grained; 50% white anhedral quartz eyes; sharp upper and lower contacts both at 60 degrees TCA.													
148.70	**177.30**	**E1**	**mafic volcanics**	**dark grey** **GS1**									
Mafic Volcanic: strong foliation from 148.7-159 at 60 degrees and then gradational to very massive with no veining/structure; Increase in grain size with very fine grained black specks; Very weak PY stringers/disseminated from 156.2-156.8m													
<<Struc: 166.5 - 166.6: weak Foliation 65 deg. >> very weak foliation													
					154.00	155.00	1.00	290847	0.005				
					155.00	156.00	1.00	290848	0.005				
					156.00	157.00	1.00	290849	0.005				
					157.00	158.00	1.00	290850	0.005				
					158.00	159.00	1.00	290851	0.005				
					159.00	160.00	1.00	290852	0.005				
					160.00	161.00	1.00	290853	0.005				

Hole: PAC-20-046

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
177.30	**178.60**	**I1**	**Mafic intrusive**	**medium grey**	**GS2**									
Mafic Intrusive: coarser grained than mafic volcanic; upper and lower contact sharp with strong foliation at 70 degrees; minor <2% red hematite staining along late fractures														
178.60	**243.90**	**E1**	**mafic volcanics**	**medium grey**	**GS1**	219.00	220.00	1.00	290854	0.016				
Mafic Volcanic: massive but minor intervals of weak foliation at 65 degrees; Very few structures and no alteration; qtz-carb-epidote veinlet zone from 222.1-222.5m 40% of interval; narrow mafic dyke 199.4-199.6m														
<<Vein: 222.1 - 222.5: 40% with quartz (barren)>>						220.00	221.00	1.00	290855	0.005				
<<Struc: 182.8 - 182.9: weak Foliation 70 deg. >> very weak foliation						221.00	222.00	1.00	290856	0.005				
<<Struc: 217.8 - 218: strong Fault 60 deg. >> minor late fault with broken core; weak silica-epidote alteration within fractures						222.00	222.50	0.50	290857	0.005				
						222.50	223.50	1.00	290858	0.005				
						223.50	224.50	1.00	290859	0.005				
						224.50	225.50	1.00	290861	0.005				
243.90	**244.60**	**I3S**	**Feldspar porphyry**	**light grey**	**GS2**									
medium grain light gray 20% phenocrysts														
244.60	**255.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
mafic volcanics weakly foliated 60degreess,														
<<Struc: 250.4 - 250.5: strong Fault 75 deg. >>														
255.80	**257.10**	**I3S**	**Feldspar porphyry**	**"reddish"**	**GS2**									
hematite altered FPO medium grain 30% phenocryst, blocky ground														
257.10	**263.60**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
mafic volcanics some weakly foliated 70 degrees intervals, not much alteration														
263.60	**264.90**	**I3S**	**Feldspar porphyry**	**light grey**	**GS2**									
light gray FPO, 40% phenocrysts														
264.90	**277.60**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**									
weak carb altered mafic volcanics weakly foliated intervals														
277.60	**278.60**	**I3R**	**Quartz-feldspar porphyry**	**light grey**	**GS3**									
65% phenocrysts light gray QFP														

Hole: PAC-20-046

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
278.60	**280.20**	**E1 mafic volcanics**	**medium green**	**GS1**	279.20	279.50	0.30	290862	0.005				
Mafic volcanics fractures infilled with epoidite													
<<Vein: 279.55 - 279.6: 40% with sulphides>>					279.50	279.80	0.30	290863	0.005				
					279.80	280.20	0.40	290864	0.016				
280.20	**284.20**	**I3R Quartz-feldspar porphyry**	**light grey**	**GS3**									
Light gray QFP, 65% phenocrysts,													
284.20	**287.50**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
Hematite/Kspar patchy altered mafic volcanics, 15% fractured infilled with epidote													
287.50	**287.90**	**I3R Quartz-feldspar porphyry**	**light grey**	**GS3**									
light gray QFP 65% pnenocrysts													
287.90	**292.20**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
strong carb altered mafic volcanics, mod silica alteration													
292.20	**294.20**	**I3R Quartz-feldspar porphyry**	**light grey**	**GS3**									
light gray QFP 65% phenocrysts													
294.20	**299.40**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
carb altered mafic volcanics, 25% Fractures infilled with epidote													
299.40	**300.80**	**I0E Lamprophyre**	**light grey**	**GS2**									
carb/biotite altered													
300.80	**303.70**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
mafic volcanics with epidote bands													
303.70	**312.00**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
massive mafic volcanics no structures													

End of Hole @ 312

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-047

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	JS	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-11-05	**Core Size:**	NQ
UTM East:	437515	**Azimuth:**	200	**Date Completed:**	2020-11-11	**Casing Pulled?:**	☐
UTM North:	5643763	**Dip:**	-55	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	415	**Length (m):**	414	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		PACP-20-106					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
3	ReflexEZS	Nordik Drilling	2020-11-11	-54.3	196.6			57694	☑	
6	ReflexEZS	Nordik Drilling	2020-11-11	-54.3	196.8			57699	☑	
9	ReflexEZS	Nordik Drilling	2020-11-11	-54.3	196.8			57702	☑	
12	ReflexEZS	Nordik Drilling	2020-11-11	-54.3	196.3			57781	☑	
18	ReflexEZS	Nordik Drilling	2020-11-11	-54.2	195.8			57448	☑	
21	ReflexEZS	Nordik Drilling	2020-11-11	-54.3	196.1			57519	☑	
27	ReflexEZS	Nordik Drilling	2020-11-11	-54.2	195.5			57256	☑	
30	ReflexEZS	Nordik Drilling	2020-11-11	-54.2	196.3			57209	☑	
33	ReflexEZS	Nordik Drilling	2020-11-11	-54.1	195.6			57150	☑	
57	ReflexEZS	Nordik Drilling	2020-11-11	-54	196.3			56690	☑	
60	ReflexEZS	Nordik Drilling	2020-11-11	-53.9	196.6			56920	☑	
66	ReflexEZS	Nordik Drilling	2020-11-11	-53.9	196.4			57130	☑	

Hole: PAC-20-047

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
72	ReflexEZS	Nordik Drilling	2020-11-11	-54	196.6			56977	☑	
75	ReflexEZS	Nordik Drilling	2020-11-11	-53.9	196.2			56914	☑	
78	ReflexEZS	Nordik Drilling	2020-11-11	-53.9	196			56837	☑	
81	ReflexEZS	Nordik Drilling	2020-11-11	-53.8	196			56802	☑	
84	ReflexEZS	Nordik Drilling	2020-11-11	-53.8	196			56771	☑	
87	ReflexEZS	Nordik Drilling	2020-11-11	-53.8	196			56729	☑	
90	ReflexEZS	Nordik Drilling	2020-11-11	-53.7	196			56727	☑	
93	ReflexEZS	Nordik Drilling	2020-11-11	-53.7	196.1			56701	☑	
96	ReflexEZS	Nordik Drilling	2020-11-11	-53.6	196.4			56710	☑	
99	ReflexEZS	Nordik Drilling	2020-11-11	-53.6	196.4			56702	☑	
102	ReflexEZS	Nordik Drilling	2020-11-11	-53.5	196.5			56698	☑	
105	ReflexEZS	Nordik Drilling	2020-11-11	-53.5	196.5			56714	☑	
108	ReflexEZS	Nordik Drilling	2020-11-11	-53.4	196.6			56725	☑	
111	ReflexEZS	Nordik Drilling	2020-11-11	-53.4	196.9			56722	☑	
117	ReflexEZS	Nordik Drilling	2020-11-11	-53.3	196.9			56749	☑	
120	ReflexEZS	Nordik Drilling	2020-11-11	-53.3	196.8			56753	☑	
126	ReflexEZS	Nordik Drilling	2020-11-11	-53.2	197.1			56771	☑	
129	ReflexEZS	Nordik Drilling	2020-11-11	-53.2	197.2			56786	☑	
132	ReflexEZS	Nordik Drilling	2020-11-11	-53.1	197.5			56800	☑	
135	ReflexEZS	Nordik Drilling	2020-11-11	-53	197.5			56869	☑	
138	ReflexEZS	Nordik Drilling	2020-11-11	-53	197.4			56840	☑	
141	ReflexEZS	Nordik Drilling	2020-11-11	-53	198			57129	☑	
144	ReflexEZS	Nordik Drilling	2020-11-11	-52.9	197.8			57098	☑	
147	ReflexEZS	Nordik Drilling	2020-11-11	-52.9	197.2			56933	☑	

Hole: PAC-20-047

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
150	ReflexEZS	Nordik Drilling	2020-11-11	-52.8	197.6			56849	☑	
153	ReflexEZS	Nordik Drilling	2020-11-11	-52.8	197.8			56917	☑	
156	ReflexEZS	Nordik Drilling	2020-11-11	-52.8	197.6			56840	☑	
159	ReflexEZS	Nordik Drilling	2020-11-11	-52.8	197.6			56831	☑	
162	ReflexEZS	Nordik Drilling	2020-11-11	-52.7	197.7			56847	☑	
165	ReflexEZS	Nordik Drilling	2020-11-11	-52.6	197.8			56855	☑	
168	ReflexEZS	Nordik Drilling	2020-11-11	-52.6	197.8			56850	☑	
171	ReflexEZS	Nordik Drilling	2020-11-11	-52.5	198			56856	☑	
174	ReflexEZS	Nordik Drilling	2020-11-11	-52.4	197.9			56859	☑	
177	ReflexEZS	Nordik Drilling	2020-11-11	-52.4	197.9			56874	☑	
180	ReflexEZS	Nordik Drilling	2020-11-11	-52.3	198			56860	☑	
183	ReflexEZS	Nordik Drilling	2020-11-11	-52.2	198			56875	☑	
186	ReflexEZS	Nordik Drilling	2020-11-11	-52.2	197.8			56863	☑	
189	ReflexEZS	Nordik Drilling	2020-11-11	-52.1	197.7			56901	☑	
192	ReflexEZS	Nordik Drilling	2020-11-11	-52	197.9			56796	☑	
195	ReflexEZS	Nordik Drilling	2020-11-11	-52	198			56890	☑	
198	ReflexEZS	Nordik Drilling	2020-11-11	-51.9	198			56919	☑	
201	ReflexEZS	Nordik Drilling	2020-11-11	-51.9	198.1			56802	☑	
204	ReflexEZS	Nordik Drilling	2020-11-11	-51.9	197.9			56905	☑	
207	ReflexEZS	Nordik Drilling	2020-11-11	-51.8	198			57179	☑	
210	ReflexEZS	Nordik Drilling	2020-11-11	-51.8	198			56927	☑	
213	ReflexEZS	Nordik Drilling	2020-11-11	-51.8	197.6			57333	☑	
216	ReflexEZS	Nordik Drilling	2020-11-11	-51.7	198.2			56909	☑	
219	ReflexEZS	Nordik Drilling	2020-11-11	-51.7	198			56920	☑	

Hole: PAC-20-047

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
222	ReflexEZS	Nordik Drilling	2020-11-11	-51.6	197.9			56884	☑	
225	ReflexEZS	Nordik Drilling	2020-11-11	-51.7	197.7			56881	☑	
228	ReflexEZS	Nordik Drilling	2020-11-11	-51.5	196			57356	☑	
231	ReflexEZS	Nordik Drilling	2020-11-11	-51.5	197.6			56973	☑	
234	ReflexEZS	Nordik Drilling	2020-11-11	-51.5	196.6			57730	☑	
237	ReflexEZS	Nordik Drilling	2020-11-11	-51.5	197.8			56911	☑	
240	ReflexEZS	Nordik Drilling	2020-11-11	-51.4	196.8			57501	☑	
243	ReflexEZS	Nordik Drilling	2020-11-11	-51.3	196.6			57492	☑	
246	ReflexEZS	Nordik Drilling	2020-11-11	-51.2	196.9			57178	☑	
249	ReflexEZS	Nordik Drilling	2020-11-11	-51.2	197.5			57256	☑	
252	ReflexEZS	Nordik Drilling	2020-11-11	-51	197.8			56799	☑	
255	ReflexEZS	Nordik Drilling	2020-11-11	-51	196.4			57386	☑	
258	ReflexEZS	Nordik Drilling	2020-11-11	-50.9	197.4			57862	☑	
261	ReflexEZS	Nordik Drilling	2020-11-11	-50.8	198.3			57022	☑	
264	ReflexEZS	Nordik Drilling	2020-11-11	-50.7	197.9			56982	☑	
267	ReflexEZS	Nordik Drilling	2020-11-11	-50.7	198			56935	☑	
270	ReflexEZS	Nordik Drilling	2020-11-11	-50.6	196.3			57622	☑	
273	ReflexEZS	Nordik Drilling	2020-11-11	-50.5	197.5			57134	☑	
276	ReflexEZS	Nordik Drilling	2020-11-11	-50.4	198.3			57502	☑	
279	ReflexEZS	Nordik Drilling	2020-11-11	-50.4	197.5			57454	☑	
282	ReflexEZS	Nordik Drilling	2020-11-11	-50.3	197.6			56871	☑	
285	ReflexEZS	Nordik Drilling	2020-11-11	-50.3	197			56867	☑	
288	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	196.8			57505	☑	
291	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	196.8			57620	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
294	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	196.2			57530	☑	
297	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	196.8			57106	☑	
300	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	197.5			57632	☑	
303	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198.2			57641	☑	
306	ReflexEZS	Nordik Drilling	2020-11-11	-50.3	196.6			59102	☑	
309	ReflexEZS	Nordik Drilling	2020-11-11	-50.1	196.5			57075	☑	
312	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	197.6			57390	☑	
315	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	196.7			57364	☑	
318	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198.4			57046	☑	
327	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198			56940	☑	
330	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	196.9			57503	☑	
333	ReflexEZS	Nordik Drilling	2020-11-11	-50.1	197.2			57551	☑	
336	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198			56805	☑	
339	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198.1			56786	☑	
342	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	197.4			57063	☑	
345	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	197.1			57139	☑	
348	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198			56909	☑	
351	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198.4			56826	☑	
354	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	198.1			57085	☑	
357	ReflexEZS	Nordik Drilling	2020-11-11	-50.2	197.2			57462	☑	
363	ReflexEZS	Nordik Drilling	2020-11-11	-50.1	197.4			56900	☑	
366	ReflexEZS	Nordik Drilling	2020-11-11	-50.1	197			56756	☑	
369	ReflexEZS	Nordik Drilling	2020-11-11	-50.1	196.7			56891	☑	
372	ReflexEZS	Nordik Drilling	2020-11-11	-50	197.3			56884	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
375	ReflexEZS	Nordik Drilling	2020-11-11	-49.9	197.7			56926	☑	
378	ReflexEZS	Nordik Drilling	2020-11-11	-49.8	197.8			56891	☑	
381	ReflexEZS	Nordik Drilling	2020-11-11	-49.8	198.1			57190	☑	
384	ReflexEZS	Nordik Drilling	2020-11-11	-49.7	197.7			56894	☑	
387	ReflexEZS	Nordik Drilling	2020-11-11	-49.5	196.8			57407	☑	
390	ReflexEZS	Nordik Drilling	2020-11-11	-49.5	197.3			57194	☑	
393	ReflexEZS	Nordik Drilling	2020-11-11	-49.3	197.1			56972	☑	
396	ReflexEZS	Nordik Drilling	2020-11-11	-49.3	197.5			56941	☑	
399	ReflexEZS	Nordik Drilling	2020-11-11	-49.2	197.3			57445	☑	
402	ReflexEZS	Nordik Drilling	2020-11-11	-49	196.1			57963	☑	
405	ReflexEZS	Nordik Drilling	2020-11-11	-48.6	196.7			56935	☑	
408	ReflexEZS	Nordik Drilling	2020-11-11	-48.2	196.3			56952	☑	
411	ReflexEZS	Nordik Drilling	2020-11-11	-47.8	196			56824	☑	
414	ReflexEZS	Nordik Drilling	2020-11-11	-47.8	196			56823	☑	

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.00**	**CS**	**casing (no recovery)**											
2.00	**3.00**	**OB**	**Overburden**											
3.00	**8.30**	**I3R**	**Quartz-feldspar porphyry**	**dark grey**	**GS3**	7.80	8.30	0.50	290865	0.012				
coarse grain dark gray QFP, with 25% blue Quartz eyes														
						8.30	8.90	0.60	290866	0.0025				
8.30	**8.90**	**I3**	**Felsic intrusive**	**"reddish"**	**GS2**									
Hematite altered felsic intrusive														
8.90	**12.90**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**									
coarse grain dark gray QFP with 25% blue quartz eyes														
						8.90	9.40	0.50	290867	0.0025				
12.90	**14.10**	**I2A**	**Diorite**	**dark green**	**GS3**									
coarse grain dark green massive Diorite														
14.10	**16.90**	**I3R**	**Quartz-feldspar porphyry**	**dark grey**	**GS3**									
coarse grain dark gray QFP with 25% blue quartz eyes,intervals of coarse dark green Diorite														
16.90	**19.20**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**									
light gray carb altered QFP 10% blue quartz eyes														
19.20	**36.60**	**I1A**	**Gabbro**	**medium green**	**GS2**	36.00	36.60	0.60	290868	0.011				
medium green medium grained gabbaro with 20% coarse plag phenocrysts, strong hemiatite/Kspar patchy alteration														
36.60	**37.00**	**I3**	**Felsic intrusive**	**"reddish"**	**GS1**									
pinkish altered felsic dyke														
						36.60	37.00	0.40	290869	0.0025				
37.00	**55.20**	**I1A**	**Gabbro**	**medium green**	**GS2**	37.00	37.50	0.50	290870	0.012				
medium grained gabbaro 20% coarse plag, strong hematite/Kspar alteration														
55.20	**66.30**	**I3A1**	**Alkali Feldspar Granite**	**"reddish"**	**GS3**	59.50	60.00	0.50	290871	0.008				
coarse grain feldspar granite massive in texture, couple small pink felsic intrusives less then 10 cm in width														
						60.00	60.30	0.30	290872	0.01				
						60.30	60.70	0.40	290873	0.018				
						62.00	62.60	0.60	290874	0.013				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					62.60	63.00	0.40	290875	0.0025				
					63.00	63.50	0.50	290876	0.005				
					65.30	65.70	0.40	290877	0.007				
					65.70	66.30	0.60	290878	0.009				
					66.30	66.60	0.30	290879	0.0025				
66.30	**71.10**	**I1A**	**Gabbro**	**medium green**	**GS2**								
35% coarse plag,25% blocky ground, mod patchy hematite/kspar alteration													
71.10	**75.60**	**I1A**	**Gabbro**	**medium green**	**GS3**								
60% coarse plag, patchy moderate hematite/Kspar alteration													
					75.00	75.60	0.60	290881	0.013				
75.60	**76.10**	**I3B**	**Tonalite**	**"reddish"**	**GS4**								
very coarse grained tonalite 65% plage/20% kspar													
					75.60	76.10	0.50	290882	0.0025				
76.10	**77.20**	**I1A**	**Gabbro**	**dark green**	**GS2**								
35% blocky ground, hematite/kspar alteration 255 med grain pla													
					76.10	76.60	0.50	290883	0.0025				
77.20	**80.95**	**E1**	**mafic volcanics**	**dark green**	**GS1**								
65% blocky massive mafics													
					80.30	81.00	0.70	290884	0.0025				
80.95	**86.60**	**E1**	**mafic volcanics**	**medium green**	**GS1**								
faulted mafic volcanics, intense breccia gauge fault fractured infilled with epidote/silica <<Struc: 81.1 - 81.2: moderate Fault - breccia gouge 60 deg. >> <<Struc: 81.4 - 82.5: intense Fault - breccia gouge 70 deg. >> very intense breccia gouge fault <<Struc: 84.6 - 85.3: strong Fault 70 deg. >> infilled with epidote/silica													
					81.00	82.00	1.00	290885	0.012				
					82.00	83.00	1.00	290886	0.0025				
					83.00	84.00	1.00	290887	0.011				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			84.00	85.00	1.00	290888	0.011				
			85.00	86.00	1.00	290889	0.0025				
86.60	**122.00**	**E1 mafic volcanics "greenish" GS1** mafic volcanics patchy hematite/kspar alteration, 30% fractured infilled with epidote/silica <<Min: 95.9 - 96.5: 2% pyrite>> <<Vein: 117.1 - 117.3: 25% Quartz vein contain >90% quartz>> Barren <<Struc: 88 - 88.6: moderate Breccia 75 deg. >> infilled with epidote and silica <<Struc: 92.3 - 93.1: moderate Breccia 75 deg. >> infilled with epidote/silica <<Struc: 98.7 - 99: strong Breccia 15 deg. >> infilled with epidote/silica <<Struc: 99.7 - 100.1: strong Breccia 5 deg. >> infilled with epidote/silica <<Struc: 101.2 - 101.3: moderate Breccia 70 deg. >> infilled with epidote/silica <<Struc: 104.7 - 105.2: strong Breccia 70 deg. >> infilled with epidote/silica <<Struc: 110.6 - 110.7: strong Breccia 65 deg. >> Infilled with epidote/silica <<Struc: 115.1 - 115.4: strong Breccia 60 deg. >>									
			95.50	95.90	0.40	290890	0.01				
			95.90	96.50	0.60	290891	0.021				
			96.50	97.00	0.50	290892	0.0025				
			116.50	117.00	0.50	290893	0.0025				
			117.00	117.50	0.50	290894	0.0025				
			117.50	118.00	0.50	290895	0.0025				
122.00	**140.70**	**E1 mafic volcanics "greenish" GS1** weakly foliated mafic volcanics50dg, weak carb alteration 2% carb stringers background veining, blocky ground from 131-136 <<Vein: 135.5 - 135.6: 30% Quartz vein contain >90% quartz>> Barren <<Struc: 136 - 136.2: moderate Breccia 50 deg. >>	132.00	132.50	0.50	290896	0.007				
			132.50	133.00	0.50	290897	0.015				
			133.00	133.50	0.50	290898	0.007				
140.70	**142.30**	**I3S Feldspar porphyry light grey GS2** medium grain light grain FPO									
142.30	**150.90**	**E1 mafic volcanics "greenish" GS1** Weakly foliated 50dg, weak carb alteration2% carb stringers <<Min: 145.7 - 147: 2% pyrite>>	145.00	145.70	0.70	290899	0.0025				
			145.70	147.00	1.30	290901	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Min: 149.4 - 150.1: 2% pyrite>>					147.00	147.50	0.50	290902	0.0025				
<<Alt: 145.7 - 147: strong Silicification>>					149.00	149.40	0.40	290903	0.0025				
					149.40	150.10	0.70	290904	0.0025				
					150.10	150.50	0.40	290905	0.0025				
150.90	**152.30**	**I1** **Mafic intrusive**	**dark green**	**GS2**									
medium grained mafic intrusive kspar alteration													
152.30	**178.90**	**E1** **mafic volcanics**	**"greenish"**	**GS1**	168.00	169.00	1.00	290906	0.0025				
weakly foliated 50dg, weak carb altered mafic volcanics													
<<Min: 168.9 - 169.9: 2% pyrite>>					169.00	170.00	1.00	290907	0.0025				
<<Struc: 158.4 - 158.6: moderate Breccia 50 deg. >>					170.00	171.00	1.00	290908	0.009				
					171.00	171.50	0.50	290909	0.0025				
178.90	**181.80**	**E1** **mafic volcanics**	**medium green**	**GS1**									
massive mafics no foliation no structures													
181.80	**193.00**	**E1** **mafic volcanics**	**"greenish"**	**GS1**	186.70	187.20	0.50	290910	0.0025				
weakly foliated 50dg, 25% fractured infilled with epidote/silica, 35% blocky ground													
<<Min: 187.3 - 189.7: 2% pyrite>>					187.20	188.00	0.80	290911	0.015				
<<Struc: 184.3 - 184.4: moderate Breccia 45 deg. >>					188.00	189.00	1.00	290912	0.011				
					189.00	190.00	1.00	290913	0.0025				
					190.00	190.60	0.60	290914	0.0025				
					190.60	191.00	0.40	290915	0.0025				
193.00	**198.45**	**E1** **mafic volcanics**	**"greenish"**	**GS2**									
moderatly foliated 60dg hematite/kspar patchy alteration													
<<Struc: 193 - 198.45: moderate Foliation 50 deg. >>													
198.45	**201.50**	**I3B** **Tonalite**	**light grey**	**GS3**									
light gray coarse grain Tonalite, weakly foliated 50dg,													
201.50	**201.90**	**I3S** **Feldspar porphyry**	**light grey**	**GS2**									
40% phenocysts, light gray FPO													
201.90	**212.30**	**I3B** **Tonalite**	**light grey**	**GS3**									
light gray coarse grain weakly foliated tonalte, 30%plag													

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From (m)	To (m)	Rock Type & Description				From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
212.30	**214.00**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**									
light gray coarse grain FPO 40% phenocrysts														
214.00	**223.80**	**I3B**	**Tonalite**	**light grey**	**GS3**									
light gray coarse grain Tonalite with 45% coarse plag 20% mafic minerals														
223.80	**233.50**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**									
Light gray coarse grain FPO 40% pnenocryts														
<<Alt: 224 - 231: moderate K-feldspar>>														
233.50	**235.60**	**I1**	**Mafic intrusive**	**"greenish"**	**GS1**									
fine grain silicified mafic intrusive														
<<Alt: 233.5 - 235.6: moderate Silicification>>														
235.60	**243.70**	**I3B**	**Tonalite**	**light grey**	**GS3**									
243.70	**244.70**	**I1**	**Mafic intrusive**	**medium green**	**GS1**									
medium green fine grain massive mafic intrusive														
244.70	**254.00**	**I3B**	**Tonalite**	**light grey**	**GS3**									
light gray coarse grain Tonalite45% plag														
<<Min: 251.7 - 253.2: 2% pyrite>>														
						251.00	251.70	0.70	290916	0.0025				
						251.70	252.50	0.80	290917	0.006				
						252.50	253.50	1.00	290918	0.019				
						253.50	254.00	0.50	290919	0.0025				
254.00	**254.40**	**I1**	**Mafic intrusive**	**medium green**	**GS1**									
medium green fine grain mafic intrusive														
254.40	**276.00**	**I3B**	**Tonalite**	**light grey**	**GS3**									
260-275 bands of epidote/silica alteration, light gray coarse grain tonalite 45% coarse plag														
<<Struc: 254.8 - 254.81: Foliation>>														
<<Struc: 267 - 267.1: moderate Foliation>>														
276.00	**276.39**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**									
fine grain medium green mafics														

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
276.39	**279.00**	**I3B Tonalite**	**medium grey**	**GS3**	276.90	278.00	1.10	290921	0.0025				
coarse grain medium gray tonalite, 2% Py dissemenated													
<<Min: 277 - 279: 2% pyrite>>					278.00	279.00	1.00	290922	0.01				
279.00	**282.00**	**I3S Feldspar porphyry**	**light grey**	**GS2**	279.00	279.50	0.50	290923	0.0025				
Light gray FPO coarse grain													
282.00	**301.90**	**I3B Tonalite**	**medium grey**	**GS3**	289.00	289.60	0.60	290924	0.0025				
coarse grain medi													
<<Min: 289.6 - 289.8: 3% pyrite>>					289.60	290.00	0.40	290925	0.0025				
<<Min: 289.8 - 301.9: 3% magnetite>>					290.00	290.50	0.50	290926	0.008				
<<Vein: 289.6 - 289.8: 45% with sulphides>>					290.50	291.00	0.50	290927	0.0025				
					291.00	292.00	1.00	290928	0.0025				
					292.00	293.00	1.00	290929	0.0025				
					293.00	294.00	1.00	290930	0.0025				
					294.00	295.00	1.00	290931	0.0025				
					295.00	296.00	1.00	290932	0.011				
					296.00	297.00	1.00	290933	0.017				
					297.00	298.00	1.00	290934	0.006				
					298.00	299.00	1.00	290935	0.0025				
					299.00	300.00	1.00	290936	0.0025				
					300.00	301.00	1.00	290937	0.0025				
					301.00	302.00	1.00	290938	0.0025				
301.90	**331.40**	**I3B Tonalite**	**medium grey**	**GS3**									
medium gray coarse grain tonalite, 5% mag patches													
<<Min: 301.9 - 303: 5% magnetite / 5% pyrite / 0.5% stibnite>>													
<<Min: 303 - 306.6: 5% magnetite>>													
<<Min: 306.6 - 310.5: 5% magnetite / 5% pyrrhotite / 2% pyrite>>													
<<Min: 310.5 - 321: 3% magnetite / 1% pyrite>>													
<<Min: 321 - 326.5: 5% magnetite / 3% pyrite>>													
					302.00	303.00	1.00	290939	0.006				
					303.00	304.00	1.00	290941	0.013				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			304.00	305.00	1.00	290942	0.0025				
			305.00	306.00	1.00	290943	0.0025				
			306.00	306.60	0.60	290944	0.005				
			306.60	307.00	0.40	290945	0.0025				
			307.00	308.00	1.00	290946	0.0025				
			308.00	309.00	1.00	290947	0.0025				
			309.00	310.00	1.00	290948	0.0025				
			310.00	310.50	0.50	290949	0.023				
			310.50	311.00	0.50	290950	0.0025				
			311.00	312.00	1.00	290951	0.0025				
			312.00	313.00	1.00	290952	0.0025				
			313.00	314.00	1.00	290953	0.008				
			314.00	315.00	1.00	290954	0.005				
			315.00	316.00	1.00	290955	0.0025				
			316.00	317.00	1.00	290956	0.0025				
			317.00	318.00	1.00	290957	0.0025				
			318.00	319.00	1.00	290958	0.0025				
			319.00	320.00	1.00	290959	0.0025				
			320.00	321.00	1.00	290961	0.039				
			321.00	322.00	1.00	290962	0.042				
			322.00	323.00	1.00	290963	0.006				
			323.00	324.00	1.00	290964	0.0025				
			324.00	325.00	1.00	290965	0.0025				
			325.00	326.00	1.00	290966	0.0025				
			326.00	327.00	1.00	290967	0.0025				
			327.00	328.00	1.00	290968	0.0025				
			328.00	329.00	1.00	290969	0.0025				
			329.00	330.00	1.00	290970	0.0025				
331.40	**336.50**	**I1** **Mafic intrusive** **"greenish"** **GS1** massive mafic intrusive									

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
336.50	**365.60**	**I3B Tonalite**	**medium grey**	**GS3**	342.00	342.70	0.70	290971	0.0025				
medium gray coarse grain Tonalite, 5% mag patches													
<<Min: 342.9 - 343: 2% pyrite>>					342.70	343.00	0.30	290972	0.0025				
<<Min: 353.6 - 354.2: 2% pyrite>>					343.00	343.30	0.30	290973	0.019				
<<Alt: 359.7 - 365.6: strong Garnet>> Very coarse grain garnets patchy					353.00	353.60	0.60	290974	0.0025				
<<Vein: 342.9 - 343: 50% with sulphides>>					353.60	354.20	0.60	290975	0.039				
<<Struc: 362.3 - 363.1: strong Shear / mylonitic foliation 30 deg. >>					354.20	354.70	0.50	290976	0.01				
					361.50	362.30	0.80	290977	0.028				
					362.30	363.20	0.90	290978	0.074				
					363.20	364.00	0.80	290979	0.058				
365.60	**366.90**	**I1 Mafic intrusive**	**"greenish"**	**GS1**	366.60	366.90	0.30	290981	0.0025				
fine grain massive mafic intrusive													
366.90	**389.30**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
moderate biotite alktered mafic volcanics, moderately foliated at 50dg, 3% carb stringers background													
<<Min: 366.9 - 371.6: 2% pyrite>>													
<<Min: 373.9 - 374.1: 1% pyrite>>													
<<Min: 376.9 - 377.6: 2% pyrite>>													
<<Min: 377.8 - 378.1: 2% pyrite>>													
<<Vein: 373.9 - 374.1: 50% with sulphides>>													
<<Vein: 375.4 - 375.5: 75% Quartz vein contain >90% quartz>>													
<<Vein: 377 - 377.2: 80% with tourmaline>>													
<<Vein: 377.8 - 378.1: 20% with sulphides>>													
<<Struc: 388.55 - 388.6: moderate Fault - breccia gouge 70 deg. >>													
					366.90	368.00	1.10	290982	0.018				
					368.00	369.00	1.00	290983	0.034				
					369.00	370.00	1.00	290984	0.045				
					370.00	371.00	1.00	290985	0.017				
					371.00	371.60	0.60	290986	0.017				
					371.60	372.00	0.40	290987	0.013				
					373.50	373.80	0.30	290988	0.011				

Hole: PAC-20-047

From (m)	To (m)	Rock Type & Description			
389.30	**393.00**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
very coarse garnets upto 3cm intense garnet alteration 3% mag patches <<Min: 389.3 - 393: 0.5% chalcopyrite>>					
393.00	**396.10**	**I3S**	**Feldspar porphyry**	**light grey**	**GS3**
coarse grain FPO light gray					
396.10	**403.00**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
intense very coarse garnets upto 4cm greenish gray fine grain mafic volcanics, 3% mag patches; sharp lower contact where garnet alteration ends. <<Vein: 400.6 - 400.7: 100% Quartz vein contain >90% quartz>> <<Struc: 397 - 400.5: strong Foliation 50 deg. >>					
403.00	**414.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: no garnet alteration; weak foliation at 50 degrees TCA; EOH at 414m. <<Struc: 407.5 - 408: moderate Foliation 50 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
373.80	374.10	0.30	290989	0.0025				
374.10	374.70	0.60	290990	0.0025				
374.70	375.20	0.50	290991	0.0025				
375.20	375.50	0.30	290992	0.0025				
375.50	376.00	0.50	290993	0.0025				
376.00	376.90	0.90	290994	0.0025				
376.90	377.50	0.60	290995	0.048				
377.50	377.80	0.30	290996	0.0025				
377.80	378.10	0.30	290997	0.0025				
378.10	378.60	0.50	290998	0.009				
378.60	379.60	1.00	290999	0.0025				
379.60	380.60	1.00	291001	0.0025				
389.00	389.30	0.30	291002	0.0025				
389.30	390.00	0.70	291003	0.013				
390.00	391.00	1.00	291004	0.013				
391.00	392.00	1.00	291005	0.005				
392.00	393.00	1.00	291006	0.005				
393.00	393.30	0.30	291007	0.0025				

Hole: PAC-20-047

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 414

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-048

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-11-11	**Core Size:**	NQ
UTM East:	437297	**Azimuth:**	200	**Date Completed:**	2020-11-16	**Casing Pulled?:**	☐
UTM North:	5643817	**Dip:**	-55	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	408	**Length (m):**	399	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		Planned Hole ID: PACP-20-107					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	ReflexEZS	Nordik Drilling	2020-11-17	-54.7	201.4			56510	☑	
54	ReflexEZS	Nordik Drilling	2020-11-17	-54.7	200.5			56510	☑	
57	ReflexEZS	Nordik Drilling	2020-11-17	-54.9	200.4			56516	☑	
60	ReflexEZS	Nordik Drilling	2020-11-17	-54.8	200.8			56532	☑	
63	ReflexEZS	Nordik Drilling	2020-11-17	-54.7	201.4			56570	☑	
69	ReflexEZS	Nordik Drilling	2020-11-17	-54.7	201.4			56623	☑	
75	ReflexEZS	Nordik Drilling	2020-11-17	-54.6	200.7			56686	☑	
78	ReflexEZS	Nordik Drilling	2020-11-17	-54.6	201			56721	☑	
81	ReflexEZS	Nordik Drilling	2020-11-17	-54.7	200			56689	☑	
87	ReflexEZS	Nordik Drilling	2020-11-17	-54.6	200			56738	☑	
90	ReflexEZS	Nordik Drilling	2020-11-17	-54.6	200.1			56744	☑	
93	ReflexEZS	Nordik Drilling	2020-11-17	-54.6	200.1			56776	☑	

Hole: PAC-20-048

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
96	ReflexEZS	Nordik Drilling	2020-11-17	-54.6	200.2			56777	☑	
99	ReflexEZS	Nordik Drilling	2020-11-17	-54.5	200.3			56820	☑	
102	ReflexEZS	Nordik Drilling	2020-11-17	-54.5	200.6			56835	☑	
108	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	200.8			56863	☑	
111	ReflexEZS	Nordik Drilling	2020-11-17	-54.3	200.6			56866	☑	
114	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	200.7			56882	☑	
117	ReflexEZS	Nordik Drilling	2020-11-17	-54.5	200.7			56878	☑	
120	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	200.8			56892	☑	
123	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	200.6			56875	☑	
126	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	201			56891	☑	
132	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	201.3			56916	☑	
135	ReflexEZS	Nordik Drilling	2020-11-17	-54.3	201.2			56908	☑	
138	ReflexEZS	Nordik Drilling	2020-11-17	-54.4	201.7			56914	☑	
141	ReflexEZS	Nordik Drilling	2020-11-17	-54.3	201			56914	☑	
144	ReflexEZS	Nordik Drilling	2020-11-17	-54.3	201.3			56927	☑	
150	ReflexEZS	Nordik Drilling	2020-11-17	-54.2	201.1			56916	☑	
156	ReflexEZS	Nordik Drilling	2020-11-17	-54.2	200.6			56895	☑	
159	ReflexEZS	Nordik Drilling	2020-11-17	-54.2	200.4			56919	☑	
162	ReflexEZS	Nordik Drilling	2020-11-17	-54.2	200.6			56945	☑	
168	ReflexEZS	Nordik Drilling	2020-11-17	-54.1	200.7			56922	☑	
171	ReflexEZS	Nordik Drilling	2020-11-17	-54.1	200.4			56927	☑	
174	ReflexEZS	Nordik Drilling	2020-11-17	-54.1	200.2			56933	☑	
177	ReflexEZS	Nordik Drilling	2020-11-17	-54	200.5			56944	☑	
180	ReflexEZS	Nordik Drilling	2020-11-17	-54	200.7			56958	☑	

Hole: PAC-20-048

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
183	ReflexEZS	Nordik Drilling	2020-11-17	-54	200.6			56959	☑	
186	ReflexEZS	Nordik Drilling	2020-11-17	-53.9	200.7			56991	☑	
189	ReflexEZS	Nordik Drilling	2020-11-17	-53.9	200.5			56992	☑	
192	ReflexEZS	Nordik Drilling	2020-11-17	-53.9	200.7			56991	☑	
195	ReflexEZS	Nordik Drilling	2020-11-17	-53.9	200.8			56984	☑	
198	ReflexEZS	Nordik Drilling	2020-11-17	-53.8	200.8			56997	☑	
201	ReflexEZS	Nordik Drilling	2020-11-17	-53.8	200.8			56965	☑	
204	ReflexEZS	Nordik Drilling	2020-11-17	-53.7	201.1			57055	☑	
210	ReflexEZS	Nordik Drilling	2020-11-17	-53.7	201.3			57014	☑	
213	ReflexEZS	Nordik Drilling	2020-11-17	-53.5	201.1			57084	☑	
216	ReflexEZS	Nordik Drilling	2020-11-17	-53.6	201			57070	☑	
222	ReflexEZS	Nordik Drilling	2020-11-17	-53.4	200.8			57034	☑	
225	ReflexEZS	Nordik Drilling	2020-11-17	-53.5	200.7			57035	☑	
234	ReflexEZS	Nordik Drilling	2020-11-17	-53.5	200.2			56995	☑	
237	ReflexEZS	Nordik Drilling	2020-11-17	-53.4	199.7			56979	☑	
240	ReflexEZS	Nordik Drilling	2020-11-17	-53.3	199.7			57005	☑	
243	ReflexEZS	Nordik Drilling	2020-11-17	-53.3	199.7			56967	☑	
246	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.9			57006	☑	
249	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.8			57003	☑	
252	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.8			56999	☑	
255	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.6			57020	☑	
261	ReflexEZS	Nordik Drilling	2020-11-17	-53.3	199.5			57043	☑	
264	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.8			57072	☑	
267	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.9			57073	☑	

Hole: PAC-20-048

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
270	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.8			57081	☑	
273	ReflexEZS	Nordik Drilling	2020-11-17	-53.2	199.7			57068	☑	
276	ReflexEZS	Nordik Drilling	2020-11-17	-53.1	199.6			57065	☑	
279	ReflexEZS	Nordik Drilling	2020-11-17	-53	199.7			57089	☑	
282	ReflexEZS	Nordik Drilling	2020-11-17	-53	199.4			57130	☑	
285	ReflexEZS	Nordik Drilling	2020-11-17	-53	199.5			57055	☑	
288	ReflexEZS	Nordik Drilling	2020-11-17	-53	199.8			57505	☑	
291	ReflexEZS	Nordik Drilling	2020-11-17	-53	199.3			57117	☑	
297	ReflexEZS	Nordik Drilling	2020-11-17	-52.9	198.2			57346	☑	
303	ReflexEZS	Nordik Drilling	2020-11-17	-52.9	199.3			57259	☑	
306	ReflexEZS	Nordik Drilling	2020-11-17	-52.8	199			57254	☑	
309	ReflexEZS	Nordik Drilling	2020-11-17	-52.8	198.9			57251	☑	
312	ReflexEZS	Nordik Drilling	2020-11-17	-52.8	198.6			57236	☑	
315	ReflexEZS	Nordik Drilling	2020-11-17	-52.8	198.4			57110	☑	
318	ReflexEZS	Nordik Drilling	2020-11-17	-52.7	198.3			57230	☑	
321	ReflexEZS	Nordik Drilling	2020-11-17	-52.7	198.4			57215	☑	
324	ReflexEZS	Nordik Drilling	2020-11-17	-52.7	198			57219	☑	
327	ReflexEZS	Nordik Drilling	2020-11-17	-52.7	197.5			57237	☑	
330	ReflexEZS	Nordik Drilling	2020-11-17	-52.7	197.8			57253	☑	
354	ReflexEZS	Nordik Drilling	2020-11-17	-52.5	196.4			57417	☑	
357	ReflexEZS	Nordik Drilling	2020-11-17	-52.3	196.1			57257	☑	
360	ReflexEZS	Nordik Drilling	2020-11-17	-52.3	196.4			57187	☑	
363	ReflexEZS	Nordik Drilling	2020-11-17	-52.2	196.2			57087	☑	
366	ReflexEZS	Nordik Drilling	2020-11-17	-52.2	195.9			57303	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
369	ReflexEZS	Nordik Drilling	2020-11-17	-52.1	195.7			57427	☑	
372	ReflexEZS	Nordik Drilling	2020-11-17	-52.1	196.2			56983	☑	
375	ReflexEZS	Nordik Drilling	2020-11-17	-52.1	196			56880	☑	
381	ReflexEZS	Nordik Drilling	2020-11-17	-52	196.1			57064	☑	

Hole: PAC-20-048

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**CS**	**casing (no recovery)**											
3.00	**7.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: fine grained; dark grey; massive; very minor pink k-spar alteration from 3.6-3.8m														
<<Struc: 7 - 7.1: complete Fault 50 deg. >> Near surface fault with mud breccia infill														
7.50	**9.80**	**I3B**	**Tonalite**	**"reddish"**	**GS2**									
Tonalite intrusive with strong pink/red hematitie and feldspar alteration. Gradational lower contact with mafic volcanic.														
<<Alt: 7.5 - 9.8: strong Feldspar / strong Hematitic>>														
9.80	**11.20**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Minor interval of mafic volcanic; strong silica alteration due to intrusive														
11.20	**14.60**	**I3B**	**Tonalite**	**"reddish"**	**GS2**									
Tonalite with strong pink/red feldspar/hematite alteration with complete replacement of primary texture; minor intervals of mafic volcanics within the intrusive.														
<<Alt: 11.2 - 13.2: intense Feldspar / intense Hematitic>>														
14.60	**18.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**	15.50	16.50	1.00	291008	0.005				
Mafic volcanic; massive; fine grained; 20% minor intervals of felsic intrusive/tonalite														
<<Min: 17.7 - 17.8: 2% pyrite>> weak patch of mineralization within mafic volcanic						16.50	17.50	1.00	291009	0.005				
<<Struc: 17.5 - 17.6: moderate Foliation 50 deg. >>						17.50	18.00	0.50	291010	0.005				
18.00	**21.70**	**I3B**	**Tonalite**	**dark grey**	**GS2**	18.00	19.00	1.00	291011	0.005				
						19.00	20.00	1.00	291012	0.005				
21.70	**27.50**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Mafic Volcanic: weak silica alteration; fine grained; very weak foliation at low angle 20-35 degrees TCA.														
27.50	**28.40**	**I3B**	**Tonalite**	**"reddish"**	**GS2**									
Intrusive Tonalite: pervasive pink/red feldspar/hematite alteration; Sharp upper and lower contacts														
<<Alt: 27.5 - 28.4: moderate K-feldspar / moderate Hematitic>>														
28.40	**36.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: dark grey; fine grained; 15% minor intervals/patches of of intrusive tonalite with very faded and gradational contacts; sharp lower contact with intrusive														
<<Alt: 34.3 - 34.5: moderate K-feldspar / complete Silicification>>														
<<Vein: 34.4 - 34.5: 100% with quartz (barren)>>														

Hole: PAC-20-048

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
36.00	**41.40**	**I3B**	**Tonalite**	**light grey**	**GS2**									
Intrusive Tonalite: medium grained; weak pink/red k-spar/hematite alteration; 20% intercalated mafic volcanic; sharp lower contact at 40 degrees														
41.40	**45.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic volcanic with 40% intercalated intrusive tonalite with faded and gradational contacts; transitional zone between intrusive and mafic volanics														
45.00	**47.70**	**E1**	**mafic volcanics**		**GS1**	45.00	46.00	1.00	291013	0.005				
Mafic Volcanic: weak to moderate silica alteration; possible intermediate volcanic?														
<<Alt: 45 - 49.5: weak Silicification>>						46.00	47.00	1.00	291014	0.005				
						47.00	47.70	0.70	291015	0.005				
						47.70	48.50	0.80	291016	0.01				
47.70	**49.50**	**E2**	**Intermediate**	**medium grey**	**GS2**	48.50	49.50	1.00	291017	0.014				
Intermediate volcanic: strong shear zone from 47.7-48.3m; weak silica alteration throughout with recyrstallization to medium grained.														
<<Struc: 47.7 - 48.3: intense Shear / mylonitic foliation 60 deg. >>														
49.50	**53.50**	**E0**	**Ultramafic (undifferenciated)**	**dark green**	**GS1**	49.50	50.00	0.50	291018	0.013				
Possible Ultramafic?: strong shearing/faulting throughout interval at 40 degrees; strong chlorite alteration along fracture planes; faulted lower contact with breccia gauge														
<<Min: 49.5 - 49.7: 1% pyrite>>						50.00	51.00	1.00	291019	0.005				
<<Alt: 49.5 - 53.4: intense Chlorite>> Alteration associated with strong faulting						51.00	52.00	1.00	291021	0.019				
<<Alt: 53.4 - 84.2: intense Silicification>>						52.00	53.00	1.00	291022	0.005				
<<Struc: 49.5 - 53.4: intense Fault - breccia gouge 40 deg. >> Strong fault zone within ultramafic at 40 degrees						53.00	54.00	1.00	291023	0.005				
<<Struc: 53.4 - 84.5: weak Fracture 35 deg. >> Wide late fracture zone; strong; fractures are re-healed with light green epidote/silica; criss-crossing foliation at various angles from 30-70 degrees TCA; Fracture zone associated with weak silica alteration														
53.50	**84.50**	**E1**	**mafic volcanics**		**GS0**	54.00	55.00	1.00	291024	0.005				
Mafic Volcanic: Strong late brecciation/fracturing with light green re-healed fractures; Fractures are criss crossing foliation at varying angles. Strong to intense silicification throughout interval; sharp lower contact with QFP at 40 degrees.														
<<Min: 71 - 84.5: 1% pyrite>> Very weak pervasive <1% disseminated PY						55.00	56.00	1.00	291025	0.005				
						56.00	57.00	1.00	291026	0.005				
						57.00	58.00	1.00	291027	0.005				
						58.00	59.00	1.00	291028	0.005				

Hole: PAC-20-048

From (m)	To (m)	Rock Type & Description			
84.50	**85.60**	**I3R**	**Quartz-feldspar porphyry**	**"reddish"**	**GS2**
QFP dyke: late brecciation/fracturing overprinting dyke; Sharp upper and lower contacts both at 40 degrees					
85.60	**93.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: weak late light green epidote/silica fractures criss crossing the core; <5% late qtz blebs; sharp lower contact with the QFP at 65 degrees TCA					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
59.00	60.00	1.00	291029	0.011				
60.00	61.00	1.00	291030	0.011				
61.00	62.00	1.00	291031	0.005				
62.00	63.00	1.00	291032	0.005				
63.00	64.00	1.00	291033	0.005				
64.00	65.00	1.00	291034	0.005				
65.00	66.00	1.00	291035	0.005				
66.00	67.00	1.00	291036	0.011				
67.00	68.00	1.00	291037	0.012				
68.00	69.00	1.00	291038	0.005				
69.00	70.00	1.00	291039	0.005				
70.00	71.00	1.00	291041	0.012				
71.00	72.00	1.00	291042	0.016				
72.00	73.00	1.00	291043	0.005				
73.00	74.00	1.00	291044	0.01				
74.00	75.00	1.00	291045	0.014				
75.00	76.00	1.00	291046	0.005				
76.00	77.00	1.00	291047	0.005				
77.00	78.00	1.00	291048	0.005				
78.00	79.00	1.00	291049	0.018				
79.00	80.00	1.00	291050	0.012				
80.00	81.00	1.00	291051	0.005				
81.00	82.00	1.00	291052	0.011				
82.00	83.00	1.00	291053	0.014				
83.00	84.50	1.50	291054	0.005				
84.50	85.60	1.10	291055	0.034				

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From (m)	To (m)		Rock Type & Description		
<<Alt: 85.6 - 93.2: weak Silicification / weak K-feldspar>> <10% patches of weak K-spar alteratoin					
<<Struc: 88.8 - 89.4: strong Fault - breccia gouge>>					
93.20	**94.30**	**I3Q**	**Quartz porphyry**	**"reddish"**	**GS2**
QP dyke: reddish-grey colour; weak k-spar/hematite alteration; overprinted by weak late fracturing that is predominantely parallel to foliation					
<<Struc: 93.3 - 93.4: complete Litho contact - sharp / undeformed 50 deg. >>					
94.30	**96.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: weak late fracturing with red hematite infill; fracturing predominantely parellel to the foliation					
<<Alt: 94.3 - 96.4: weak K-feldspar>>					
96.40	**97.40**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
QP Dyke: Late dyke with 40% white 1-2mm anhedral qtz eyes; sharp upper and lower contacts					
97.40	**97.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
97.80	**99.10**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
99.10	**120.60**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: Weak pervasive silica alteration with minor red hematite alteration along fracture planes; weak late fracturing/faulting throughout the interval predominantely parallel to foliation;					
<<Alt: 105.1 - 120.6: weak Silicification / weak K-feldspar>>					
<<Struc: 105.2 - 120.6: trace Fault 80 deg. >> weak late brittle fault zone; rehealed fractures with late light green epidote/silica					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
85.60	87.00	1.40	291056	0.013				
87.00	88.00	1.00	291057	0.005				
88.00	89.00	1.00	291058	0.005				
89.00	90.00	1.00	291059	0.005				
90.00	91.00	1.00	291061	0.005				
91.00	92.00	1.00	291062	0.005				
92.00	93.30	1.30	291063	0.005				
105.00	106.00	1.00	291064	0.005				
106.00	107.00	1.00	291065	0.005				
107.00	108.00	1.00	291066	0.005				
108.00	109.00	1.00	291067	0.005				

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From (m)	To (m)		Rock Type & Description		
120.60	**122.30**	**I3B**	**Tonalite**	**medium grey**	**GS1**

Tonalite dyke: fine to medium grained; massive; gradational upper contact - sharp lower contact at 50 degrees TCA

From (m)	To (m)		Rock Type & Description		
122.30	**136.90**	**E1**	**mafic volcanics**	**medium grey**	**GS1**

Mafic Volcanic: medium grey; minor bands/patches of weak-medium silica alteration; weak late fracturing rehealed with light green epidote/silica; sharp lower contact at 45 degrees TCA

<<Alt: 122.3 - 136.9: trace K-feldspar / weak Silicification>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
109.00	110.00	1.00	291068	0.005				
110.00	111.00	1.00	291069	0.005				
111.00	112.00	1.00	291070	0.005				
112.00	113.00	1.00	291071	0.005				
113.00	114.00	1.00	291072	0.005				
114.00	115.00	1.00	291073	0.005				
115.00	116.00	1.00	291074	0.005				
116.00	117.00	1.00	291075	0.015				
117.00	118.00	1.00	291076	0.005				
118.00	119.00	1.00	291077	0.032				
119.00	120.60	1.60	291078	0.005				
120.60	121.50	0.90	291079	0.005				
121.50	122.30	0.80	291081	0.015				
122.30	123.00	0.70	291082	0.005				
123.00	124.00	1.00	291083	0.023				
124.00	125.00	1.00	291084	0.005				
125.00	126.00	1.00	291085	0.005				
126.00	127.00	1.00	291086	0.005				
127.00	128.00	1.00	291087	0.005				
128.00	129.00	1.00	291088	0.005				
129.00	130.00	1.00	291089	0.005				
130.00	131.00	1.00	291090	0.005				
131.00	132.00	1.00	291091	0.005				
132.00	133.00	1.00	291092	0.005				
133.00	134.00	1.00	291093	0.005				
134.00	135.00	1.00	291094	0.005				

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From (m)	To (m)	Rock Type & Description			
136.90	**137.50**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
QP Dyke: light grey; massive; sharp upper and lower contacts					
137.50	**142.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic volcanic with fault/brecciation zone from 141.1-142.1m					
<<Struc: 141.6 - 142.1: intense Fault - breccia gouge 50 deg. >> Fault breccia zone: re-healed with grey/green silica					
142.40	**142.70**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
QP dyke: 40% 1-2mm rounded white qtz eyes					
142.70	**146.10**	**E1**	**mafic volcanics**		**GS1**
Mafic Volcanic: weak late breccia faulting					
<<Struc: 142.7 - 146.1: weak Fault 65 deg. >>					
146.10	**146.90**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**
QP dyke: altered with strong silica overprinting primary texture; undefined upper and lower contacts					
146.90	**194.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: minor narrow (<.1m in width) bands of intrusive tonalite up to 177m; very weak late fracturing; very weak pervasive silica alteration up to 175m; white qtz-carb stringers and veinlets parallel to foliation and <3 cm in width					
<<Struc: 155 - 155.1: complete Fault - breccia gouge 60 deg. >> Narrow fault with silicified breccia gouge					
<<Struc: 163 - 163.1: moderate Foliation 50 deg. >>					
<<Struc: 170.7 - 170.8: intense Fault - breccia gouge 65 deg. >>					
<<Struc: 178.3 - 178.4: intense Fault - breccia gouge 60 deg. >> minor re-healed breccia fault					
<<Struc: 181 - 181.2: intense Fault - breccia gouge 40 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
135.00	136.00	1.00	291095	0.005				
136.00	136.90	0.90	291096	0.011				
175.00	176.00	1.00	291097	0.005				
176.00	177.00	1.00	291098	0.005				
177.00	178.00	1.00	291099	0.005				
178.00	179.00	1.00	291101	0.005				
179.00	180.00	1.00	291102	0.02				
180.00	181.00	1.00	291103	0.016				
181.00	182.00	1.00	291104	0.059				
182.00	183.00	1.00	291105	0.013				

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From (m)	To (m)	Rock Type & Description		
194.20	**194.80**	**I3P** **Porphyry**	**light grey**	**GS2**
Altered/sheared porphyry that is overprinted by strong carb. Alteration; Sharp upper contact at 60 degrees and gradational/undefined lower contact				
194.80	**196.70**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: very minor <5% white phenocrysts; moderate foliation at 45 degrees				
196.70	**197.00**	**I2A** **Diorite**	**light grey**	**GS1**
Diorite Dyke: very minor; light grey felsic dyke with sharp upper and lower contacts				
197.00	**200.80**	**E1** **mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: strong foliation/bands of light-medium grey at 45 degrees; trace% dissmeniated/stringers of PO				
<<Min: 197.3 - 200: 0.05% pyrrhotite>>				
200.80	**201.30**	**I3Q** **Quartz porphyry**	**light grey**	**GS2**
QP Dyke: light grey-brown in colour; 25% 1mm size white qtz eyes; sharp upper (40 degrees) and lower contacts (40 degrees)				
<<Min: 200.8 - 201.3: 0.5% pyrite>>				
201.30	**204.50**	**E1** **mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: strong foliation at 50 degrees				
<<Min: 201.3 - 204.5: 0.5% pyrite>>				
<<Struc: 202.5 - 202.6: strong Foliation 50 deg. >>				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
183.00	184.00	1.00	291106	0.005				
184.00	185.00	1.00	291107	0.0025				
185.00	186.00	1.00	291108	0.019				
186.00	187.00	1.00	291109	0.032				
187.00	188.00	1.00	291110	0.007				
188.00	189.00	1.00	291111	0.011				
189.00	190.00	1.00	291112	0.008				
190.00	191.00	1.00	291113	0.016				
196.00	197.00	1.00	291114	0.039				
197.00	198.00	1.00	291115	0.009				
198.00	199.00	1.00	291116	0.058				
199.00	200.00	1.00	291117	0.0025				
200.00	200.80	0.80	291118	0.013				
200.80	201.30	0.50	291119	0.048				
201.30	202.00	0.70	291121	0.0025				
202.00	203.00	1.00	291122	0.006				
203.00	204.50	1.50	291123	0.0025				

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
204.50	**206.50**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**	204.50	205.50	1.00	291124	0.0025				
QP Dyke: light grey; 40% white 1mm size qtz eyes; Sharp upper and lower contacts both at 45 degrees						205.50	206.50	1.00	291125	0.012				
206.50	**212.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**	206.50	207.50	1.00	291126	0.0025				
Mafic Volcanic: weak to moderate foliation at 40 degrees TCA; no veining or faulting/fracturing						207.50	208.50	1.00	291127	0.01				
212.40	**213.10**	**I1**	**Mafic intrusive**		**GS2**									
Mafic dyke with minor dark brown quartz porphyry at the upper and lower contacts														
213.10	**221.20**	**E1**	**mafic volcanics**	**medium grey**	**GS1**	213.20	214.00	0.80	291128	0.01				
Mafic Volcanic: strong foliation with banding alterating between light grey and dark brown; very weak pervasive biotite altertion throughout interval														
<<Alt: 213.1 - 221.2: moderate Biotite>>						214.00	215.00	1.00	291129	0.0025				
<<Struc: 215 - 215.1: strong Foliation 60 deg. >>						215.00	216.00	1.00	291130	0.015				
						216.00	217.00	1.00	291131	0.006				
						217.00	218.00	1.00	291132	0.011				
						218.00	219.00	1.00	291133	0.012				
						219.00	220.00	1.00	291134	0.023				
						220.00	221.20	1.20	291135	0.007				
221.20	**223.20**	**I3Q**	**Quartz porphyry**	**white**	**GS2**									
QP dyke: white to light grey in colour; massive; 25% 1mm size white qtz eyes														
<<Struc: 221.2 - 221.3: complete Litho contact - sharp / undeformed 50 deg. >>														
223.20	**230.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: massive; 5cm wide qtz vein at 227.8m at 45 degrees TCA														
<<Struc: 223.2 - 223.3: complete Litho contact - sharp / undeformed 80 deg. >>														
230.80	**231.10**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**									
narrow QP dyke with sharp upper (40 degrees) and lower (50 degrees) contacts														
231.10	**234.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**	232.00	233.00	1.00	291136	0.009				
Mafic Volcanic: massive with no veining, alteration, and/or structure						233.00	234.20	1.20	291137	0.0025				

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From (m)	To (m)	Rock Type & Description		
234.20	**236.30**	**I1** **Mafic intrusive**	**dark grey**	**GS1**
Mafic Dyke: 1-2% medium grained PY mineralization; irregular and wavy upper and lower contacts <<Min: 234.2 - 236.2: 1% pyrite>> Specks of PY within mafic dyke				
236.30	**255.80**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive; patches of weak foliation at 45 degrees TCA; no veining or alteration				
255.80	**258.20**	**I1** **Mafic intrusive**	**medium grey**	**GS1**
Mafic Dyke: massive; coarser grained than mafic volcanic; sharp upper (75 degrees) and lower (65 degrees) contacts; trace% disseminated PY mineralization <<Min: 255.8 - 258.2: 0.5% pyrite>>				
258.20	**263.50**	**E1** **mafic volcanics**	**medium green**	**GS1**
Mafic Volcanic: <5% fine grained white phenocrysts; strong chlorite alteration as patches; minor QP dyke 262.6-262.8m				
263.50	**269.00**	**I3P** **Porphyry**	**brown**	**GS1**
Porphyry: strong pervasive biotite alteration; 15% <1mm size white qtz eyes; strong light green silica alteration from 263.5-265.5m; breccia fault from 264.8-265.2m <<Alt: 263.6 - 265.7: strong Silicification>> <<Struc: 264.8 - 265.2: intense Fault - breccia gouge 65 deg. >>				
269.00	**273.40**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: <5% white phenocyst <1mm in size; weak to moderate foliation at 45 degrees; sharp upper and lower contacts both at 45 degrees				
273.40	**274.50**	**I3Q** **Quartz porphyry**	**light grey**	**GS3**
Quartz Porphyry Dyke: late with no alteration/deformation; medium to coarse grained with 50% 2-3 mm size white quartz eyes; Sharp upper (45 degrees) and lower (45 degrees) contacts				
274.50	**285.20**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: strong foliation at 50 degrees TCA; <5% 1mm size white phenocyrsts;				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
234.20	235.50	1.30	291138	0.013				
235.50	236.30	0.80	291139	0.0025				
236.30	237.00	0.70	291141	0.008				
237.00	238.00	1.00	291142	0.0025				
238.00	239.00	1.00	291143	0.006				
274.50	276.00	1.50	291144	0.0025				
276.00	277.00	1.00	291145	0.01				
277.00	278.00	1.00	291146	0.008				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					278.00	279.00	1.00	291147	0.006				
					279.00	280.00	1.00	291148	0.0025				
					280.00	281.00	1.00	291149	0.008				
					281.00	282.00	1.00	291150	0.011				
					282.00	283.00	1.00	291151	0.0025				
					283.00	284.00	1.00	291152	0.0025				
					284.00	285.20	1.20	291153	0.0025				
285.20	**286.20**	**I3Q**	**Quartz porphyry**	**light grey**	**GS2**								
Quartz Porphyry Dyke: Unaltered dyke; massive; medium grained; very narrow mafic volcanic xenolith from 285.8-285.9m; Sharp upper (45 degrees) and lower (45 degrees) contacts													
286.20	**286.70**	**E1**	**mafic volcanics**	**medium green**	**GS1**								
minor interval of mafic volcanic between QP dyke and intrusive tonalite													
286.70	**341.00**	**I3B**	**Tonalite**	**dark grey**	**GS2**	303.00	304.00	1.00	291154	0.0025				
Intrusive tonalite: dark grey; medium grained; massive; very weak foliation at 40 degrees													
<<Min: 334.9 - 347: 5% magnetite / 2% pyrrhotite>> Zone of strong magnetism; very fine grained magnetite						304.00	305.00	1.00	291155	0.006				
<<Alt: 334.9 - 347: strong Garnet>>						305.00	306.00	1.00	291156	0.009				
<<Struc: 307.3 - 307.4: strong Fault 50 deg. >> strong light green epidote/silica alteration						306.00	307.00	1.00	291157	0.006				
<<Struc: 314.8 - 314.9: strong Fault 35 deg. >>						307.00	308.00	1.00	291158	0.011				
<<Struc: 315.5 - 315.6: strong Fault 50 deg. >>						308.00	309.00	1.00	291159	0.008				
<<Struc: 329.8 - 329.9: strong Fault 50 deg. >>						309.00	310.00	1.00	291161	0.029				
						310.00	311.00	1.00	291162	0.008				
						311.00	312.00	1.00	291163	0.01				
						339.00	340.00	1.00	291164	0.019				
						340.00	341.00	1.00	291165	0.012				
341.00	**343.10**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**	341.00	342.00	1.00	291166	0.009				
Mafic Dyke: very weak foliation at 40 degrees TCA; Gradational/undefined upper contact and sharp lower contact at 55 degrees													
						342.00	343.10	1.10	291167	0.046				
						343.10	344.00	0.90	291168	0.025				

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From (m)	To (m)		Rock Type & Description		
343.10	**347.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: 314.9-347m 30% red garnet crystals 1-5mm in size and strong magnetism due to very fine grained magnetite with lesser PO mineralization as discrete stringers; gradational/undefined lower contact with intrusive tonalite					
<<Struc: 345.5 - 345.8: moderate Foliation 60 deg. >>					
347.50	**358.80**	**I3B**	**Tonalite**	**dark grey**	**GS2**
Intrusive Tonalite: dark grey; medium grained; <15% mafic elongated xenolith fragments 2-5 cm in size; sharp lower contact with mafic volcanic at 15 degrees					
358.80	**360.30**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Minor interval of massive mafic volcanic; medium grey/green; sharp upper (15 degrees) and lower (15 degrees) contacts					
360.30	**361.20**	**I3Q**	**Quartz porphyry**	**brown**	**GS3**
Quartz Porphyry: light brown/grey; 15% 2-8mm size subeuhedral quartz eyes					
361.20	**362.40**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive Tonalite: massive; 20% xenolith mafic fragments; gradational and undefined upper and lower contacts					
362.40	**365.30**	**I3Q**	**Quartz porphyry**	**light grey**	**GS3**
Quartz Porphyry: Light grey; massive; 30% white 2-8mm size anhedral quartz eyes					
365.30	**399.00**	**I3B**	**Tonalite**	**dark grey**	**GS2**
Intrusive Tonalite: massive; <10% mafic fragmental xenoliths ranging in size from 1-3 cm throughout the interval; wider intervals from 382.9-383.2m and 387.6-387.7m; minor <2% PY mineralized zone from 385.5-385.9m as primarily disseminated. EOH=399m					
<<Min: 385.5 - 385.9: 2% pyrite>> weak zone of disseminated and stringer PY mineralization within the intrusive tonalite					
<<Alt: 379.1 - 379.2: complete Epidote / weak Silicification>>					
<<Struc: 385.2 - 385.3: strong Fault - breccia gouge 40 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
344.00	345.00	1.00	291169	0.076				
345.00	346.00	1.00	291170	0.055				
346.00	347.50	1.50	291171	0.064				
347.50	349.00	1.50	291172	0.019				
349.00	350.00	1.00	291173	0.016				
383.50	384.50	1.00	291174	0.016				
384.50	385.50	1.00	291175	0.017				
385.50	386.00	0.50	291176	0.006				
386.00	387.00	1.00	291177	0.0025				
387.00	388.00	1.00	291178	0.0025				
388.00	389.00	1.00	291179	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			389.00	390.00	1.00	291181	0.0025				

End of Hole @ 399

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-049

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	JS	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2020-11-17	**Core Size:**	NQ
UTM East:	439650	**Azimuth:**	170	**Date Completed:**	2020-11-25	**Casing Pulled?:**	☐
UTM North:	5643340	**Dip:**	-45	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	412	**Length (m):**	357	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
						Reduced (m):	
Hole Status:	Completed	**Target:**	Eastern IP			**Reduceed Size:**	
Hole Purpose:	EXPL					**Oriented?:**	☑

Comments:
Planned Hole Number: PACP-20-122

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	ReflexEZS		2020-11-25	-44.2	172.6			58324	☑	
3	ReflexEZS		2020-11-25	-44.2	172.4			58311	☑	
6	ReflexEZS		2020-11-25	-44.2	172.8			57606	☑	
12	ReflexEZS		2020-11-25	-44	172.7			57326	☑	
21	ReflexEZS		2020-11-25	-44	172.9			56871	☑	
24	ReflexEZS		2020-11-25	-43.9	172.6			57056	☑	
27	ReflexEZS		2020-11-25	-43.9	172.6			57070	☑	
33	ReflexEZS		2020-11-25	-43.9	173			56991	☑	
36	ReflexEZS		2020-11-25	-43.9	173.3			57106	☑	
39	ReflexEZS		2020-11-25	-43.9	172.7			56989	☑	
42	ReflexEZS		2020-11-25	-43.9	172.7			57000	☑	
45	ReflexEZS		2020-11-25	-43.9	173.1			56793	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	ReflexEZS		2020-11-25	-43.9	173.5			56864	☑	
60	ReflexEZS		2020-11-25	-43.8	173			57421	☑	
72	ReflexEZS		2020-11-25	-43.8	173.6			56842	☑	
75	ReflexEZS		2020-11-25	-43.8	173.6			56877	☑	
84	ReflexEZS		2020-11-25	-43.7	173.9			56892	☑	
87	ReflexEZS		2020-11-25	-43.7	173.9			57069	☑	
93	ReflexEZS		2020-11-25	-43.6	173.8			57004	☑	
96	ReflexEZS		2020-11-25	-43.6	173.8			57287	☑	
102	ReflexEZS		2020-11-25	-43.6	174			57253	☑	
108	ReflexEZS		2020-11-25	-43.4	173.4			57318	☑	
111	ReflexEZS		2020-11-25	-43.5	173.5			57340	☑	
120	ReflexEZS		2020-11-25	-43.4	173.9			56940	☑	
126	ReflexEZS		2020-11-25	-43.4	174			57080	☑	
129	ReflexEZS		2020-11-25	-43.4	173.8			56986	☑	
132	ReflexEZS		2020-11-25	-43.4	174			57452	☑	
135	ReflexEZS		2020-11-25	-43.3	173.5			57147	☑	
138	ReflexEZS		2020-11-25	-43.4	173.8			57152	☑	
141	ReflexEZS		2020-11-25	-43.4	173.6			56903	☑	
144	ReflexEZS		2020-11-25	-43.3	174.2			56864	☑	
147	ReflexEZS		2020-11-25	-43.3	173.9			56932	☑	
150	ReflexEZS		2020-11-25	-43.2	174.1			56864	☑	
153	ReflexEZS		2020-11-25	-43.2	174			56889	☑	
156	ReflexEZS		2020-11-25	-43.2	173.8			56888	☑	
159	ReflexEZS		2020-11-25	-43.1	174			56911	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
162	ReflexEZS		2020-11-25	-43	174.1			56904	☑	
165	ReflexEZS		2020-11-25	-43	174.2			56917	☑	
168	ReflexEZS		2020-11-25	-43	174.1			56917	☑	
171	ReflexEZS		2020-11-25	-43	174.1			56903	☑	
174	ReflexEZS		2020-11-25	-42.9	174.2			56911	☑	
177	ReflexEZS		2020-11-25	-42.9	174			56929	☑	
180	ReflexEZS		2020-11-25	-42.9	174			56906	☑	
183	ReflexEZS		2020-11-25	-42.8	174			56916	☑	
186	ReflexEZS		2020-11-25	-42.8	174			56923	☑	
189	ReflexEZS		2020-11-25	-42.8	173.8			56937	☑	
192	ReflexEZS		2020-11-25	-42.8	174			56931	☑	
195	ReflexEZS		2020-11-25	-42.8	173.9			56931	☑	
198	ReflexEZS		2020-11-25	-42.8	173.9			56935	☑	
201	ReflexEZS		2020-11-25	-42.7	173.9			56936	☑	
207	ReflexEZS		2020-11-25	-42.7	174			56931	☑	
213	ReflexEZS		2020-11-25	-42.7	174.1			56929	☑	
216	ReflexEZS		2020-11-25	-42.7	173.9			56945	☑	
222	ReflexEZS		2020-11-25	-42.6	174			56935	☑	
225	ReflexEZS		2020-11-25	-42.6	174.1			56930	☑	
228	ReflexEZS		2020-11-25	-42.5	174			56940	☑	
231	ReflexEZS		2020-11-25	-42.4	174			56930	☑	
234	ReflexEZS		2020-11-25	-42.4	174			56944	☑	
237	ReflexEZS		2020-11-25	-42.4	174.1			56945	☑	
240	ReflexEZS		2020-11-25	-42.3	173.9			56944	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
243	ReflexEZS		2020-11-25	-42.2	173.8			56947	☑	
246	ReflexEZS		2020-11-25	-42.3	174.1			56947	☑	
249	ReflexEZS		2020-11-25	-42.2	174			56950	☑	
252	ReflexEZS		2020-11-25	-42.2	174			56953	☑	
255	ReflexEZS		2020-11-25	-42.2	174.1			56968	☑	
258	ReflexEZS		2020-11-25	-42.2	173.9			56954	☑	
261	ReflexEZS		2020-11-25	-42.2	173.9			56950	☑	
264	ReflexEZS		2020-11-25	-42.1	173.9			56946	☑	
267	ReflexEZS		2020-11-25	-42.1	173.9			56972	☑	
270	ReflexEZS		2020-11-25	-42	174.1			56943	☑	
273	ReflexEZS		2020-11-25	-42	174			56964	☑	
276	ReflexEZS		2020-11-25	-42	174.1			56965	☑	
279	ReflexEZS		2020-11-25	-41.9	174.1			56965	☑	
282	ReflexEZS		2020-11-25	-41.9	174.1			56957	☑	
285	ReflexEZS		2020-11-25	-41.9	174.2			56962	☑	
288	ReflexEZS		2020-11-25	-41.8	174.2			56952	☑	
294	ReflexEZS		2020-11-25	-41.8	174.3			56948	☑	
297	ReflexEZS		2020-11-25	-41.7	174.3			56992	☑	
300	ReflexEZS		2020-11-25	-41.7	174.5			56951	☑	
303	ReflexEZS		2020-11-25	-41.7	174.2			56934	☑	
306	ReflexEZS		2020-11-25	-41.6	174.2			56945	☑	
309	ReflexEZS		2020-11-25	-41.6	174.2			56927	☑	
312	ReflexEZS		2020-11-25	-41.6	174.2			56945	☑	
315	ReflexEZS		2020-11-25	-41.6	174.3			56917	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
318	ReflexEZS		2020-11-25	-41.6	174.4			56911	☑	
321	ReflexEZS		2020-11-25	-41.5	174.2			56945	☑	
324	ReflexEZS		2020-11-25	-41.5	174.3			56946	☑	
327	ReflexEZS		2020-11-25	-41.5	174			56954	☑	
330	ReflexEZS		2020-11-25	-41.4	174.4			56976	☑	
333	ReflexEZS		2020-11-25	-41.4	174.3			56967	☑	
336	ReflexEZS		2020-11-25	-41.5	174.4			56972	☑	
339	ReflexEZS		2020-11-25	-41.4	174.3			56971	☑	
342	ReflexEZS		2020-11-25	-41.5	174.4			56961	☑	
345	ReflexEZS		2020-11-25	-41.4	174.2			56975	☑	
348	ReflexEZS		2020-11-25	-41.4	174.3			56982	☑	
351	ReflexEZS		2020-11-25	-41.4	174.3			56987	☑	
354	ReflexEZS		2020-11-25	-41.5	174.3			56955	☑	

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB Overburden**											
3.00	**4.60**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
weak kspar alteration patchy, epidote bands, green/gray fine grain mafic volcanics, 2% mag patches													
4.60	**5.20**	**I1 Mafic intrusive**	**dark green**	**GS2**									
Medium grain dark green mafic intrusive													
5.20	**10.30**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
10.30	**10.80**	**I1 Mafic intrusive**	**dark green**	**GS2**									
10.80	**35.80**	**E1 mafic volcanics**	**"greenish"**	**GS1**	19.00	20.00	1.00	291182	0.006				
weak kspar patchy moderat epidote bands, green/gray in color 2% patchy mag,													
<<Vein: 20.75 - 20.83: 80% with sulphides>>					20.00	21.00	1.00	291183	0.006				
<<Vein: 23.67 - 23.71: 75% Quartz vein contain >90% quartz>>					21.00	22.00	1.00	291184	0.0025				
<<Vein: 28.4 - 28.54: 85% with sulphides>>					22.00	23.00	1.00	291185	0.0025				
<<Struc: 21.6 - 21.8: moderate Joint 70 deg. >> water seem					23.00	24.00	1.00	291186	0.0025				
					24.00	25.00	1.00	291187	0.011				
					25.00	26.00	1.00	291188	0.0025				
					26.00	27.00	1.00	291189	0.0025				
					27.00	28.00	1.00	291190	0.0025				
					28.00	29.00	1.00	291191	0.007				
					29.00	30.00	1.00	291192	0.01				
35.80	**37.70**	**I1 Mafic intrusive**	**dark green**	**GS2**									
37.70	**88.10**	**E1 mafic volcanics**	**"greenish"**	**GS1**	43.00	44.00	1.00	291193	0.01				
weak Kspar alteration, bands of epidote alteration, 2% patchy mag													
<<Min: 75.3 - 75.4: 1% pyrite>>					44.00	45.00	1.00	291194	0.01				
<<Alt: 37.7 - 98.9: moderate K-feldspar>>					45.00	46.00	1.00	291195	0.011				
<<Vein: 44.72 - 44.82: 65% Quartz vein contain >90% quartz>>					46.00	47.00	1.00	291196	0.017				
<<Vein: 48.75 - 49.2: 15% with sulphides>>					47.00	47.50	0.50	291197	0.007				
<<Vein: 75.3 - 75.4: 75% with sulphides>>					47.50	48.50	1.00	291198	0.0025				
<<Struc: 51.7 - 53.2: moderate Joint 75 deg. >> water seem					48.50	49.50	1.00	291199	0.0025				
<<Struc: 81 - 83: moderate Foliation 50 deg. >>					49.50	50.00	0.50	291201	0.014				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 83 - 86.5: moderate Fracture>> Blocky fractured ground					74.50	75.00	0.50	291202	0.011				
					75.00	75.50	0.50	291203	0.014				
					75.50	76.00	0.50	291204	0.007				
88.10	**98.90**	**E1**	**mafic volcanics**	**"greenish"** **GS1**									
medium green well foliated mafic volcanic carb alteration													
98.90	**101.40**	**I2A**	**Diorite**	**light grey** **GS2**	100.70	101.40	0.70	291205	0.02				
<<Min: 101.3 - 106: 2% pyrite / 1% Magnetite>>													
<<Alt: 98.9 - 117: strong Bleaching>>													
					101.40	102.00	0.60	291206	0.014				
101.40	**119.00**	**E1**	**mafic volcanics**	**"greenish"** **GS1**	102.00	103.00	1.00	291207	0.012				
carb altered well foliated mafic volcanics													
<<Min: 106 - 112: 1% pyrite / 0.5% chalcopyrite>>					103.00	104.00	1.00	291208	0.011				
<<Min: 118.37 - 118.6: 1% pyrite>>					104.00	105.00	1.00	291209	0.006				
<<Alt: 117 - 129.1: moderate Silicification / weak Biotite>>					105.00	106.00	1.00	291210	0.009				
<<Vein: 110.2 - 110.3: 30% with sulphides>>					106.00	107.00	1.00	291211	0.0025				
<<Vein: 118.37 - 118.6: 70% with sulphides>>					107.00	108.00	1.00	291212	0.008				
					108.00	109.00	1.00	291213	0.0025				
					109.00	110.00	1.00	291214	0.008				
					110.00	111.00	1.00	291215	0.006				
					111.00	112.00	1.00	291216	0.008				
					112.00	113.00	1.00	291217	0.013				
					113.00	113.50	0.50	291218	0.015				
					117.00	118.00	1.00	291219	0.0025				
					118.00	119.00	1.00	291221	0.0025				
119.00	**129.10**	**E1**	**mafic volcanics**	**"blueish"** **GS1**	119.00	120.00	1.00	291222	0.007				
silicified mafic volcanics													
<<Struc: 120.46 - 120.7: strong Joint 50 deg. >> Water seem													
129.10	**133.30**	**E1**	**mafic volcanics**	**light grey** **GS1**									
foliated bleached mafic volcanics foliated 55 dg													

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
133.30	**137.60**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**									
silicified mafic volcanics														
137.60	**139.80**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
dark green medium grain mafic intusion														
<<Struc: 139.7 - 139.8: moderate Fault - breccia gouge 70 deg. >>														
139.80	**144.00**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**									
silicified fine grain mafic volcanics														
144.00	**157.50**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**									
bleached altered foliated mafic volcanics, alteration looks fragmental														
157.50	**158.20**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
medium grain dark grain mafic intrusion														
158.20	**164.40**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**									
Bleached altered mottler in texture mafic volcanucs														
164.40	**174.50**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**									
moderate biotite alter weakly foliated mafic volcanics														
<<Vein: 166.6 - 166.7: 65% with sulphides>>														
						166.00	166.50	0.50	291223	0.0025				
						166.50	167.00	0.50	291224	0.0025				
						167.00	167.50	0.50	291225	0.008				
174.50	**176.00**	**I2A**	**Diorite**	**medium grey**	**GS2**									
176.00	**187.80**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**	178.00	178.50	0.50	291226	0.014				
weakly foliated 70 dg, weak biotite/Carb altered mafic volcanics														
<<Vein: 178.5 - 178.9: 15% Quartz vein contain >90% quartz>>						178.50	179.00	0.50	291227	0.007				
						179.00	179.50	0.50	291228	0.0025				
187.80	**188.20**	**I1**	**Mafic intrusive**	**dark green**	**GS3**									
coarse grain mafic intrusive														
188.20	**190.20**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**									
weakly foliated biotite/carb altered mafic volcanics														
190.20	**190.60**	**I1**	**Mafic intrusive**	**dark green**	**GS3**									
coarse grain mafic intrusive														

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From (m)	To (m)		Rock Type & Description		
190.60	**200.60**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
weakly foliated fine grain weak biotite/carb altered mafic volcanics					
<<Struc: 200.4 - 200.6: moderate Breccia 50 deg. >> infilled with epidote/silica					
200.60	**201.00**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
201.00	**220.80**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
<<Vein: 205.5 - 205.6: 75% Quartz-Carbonate vein contain 10-90% quartz>>					
<<Vein: 208.3 - 208.4: 75% Quartz-Carbonate vein contain 10-90% quartz>>					
<<Vein: 211.2 - 211.6: 40% with sulphides>>					
220.80	**221.40**	**I1**	**Mafic intrusive**	**medium green**	**GS2**
221.40	**222.40**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
weakly foliated mafic volcanics					
222.40	**222.70**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
222.70	**224.20**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
weakly foliated mafic volcanics					
<<Struc: 223.8 - 224.5: strong Joint 70 deg. >>					
224.20	**226.90**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
medium grain dark green mafic intrusive					
226.90	**239.40**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
mod biotite/silica altered mafic volcanics with2% carb stringers background					
<<Min: 232.84 - 233: 5% pyrrhotite>>					
<<Min: 234 - 235: 2% pyrrhotite / 0.5% stibnite>>					
<<Alt: 236.6 - 276.5: moderate Silicification>>					
<<Vein: 232.84 - 233: 60% with sulphides>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
205.00	205.50	0.50	291229	0.0025				
205.50	206.00	0.50	291230	0.006				
206.00	207.00	1.00	291231	0.013				
207.00	208.00	1.00	291232	0.018				
208.00	208.50	0.50	291233	0.009				
208.50	209.00	0.50	291234	0.019				
210.60	211.10	0.50	291235	0.018				
211.10	211.60	0.50	291236	0.015				
211.60	212.00	0.40	291237	0.008				

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 237.63 - 237.71: 95% Quartz vein contain >90% quartz>>														
<<Vein: 238.22 - 238.3: 75% with sulphides>>														
<<Struc: 226.9 - 229.7: moderate Joint 30 deg. >> epidote infilled jointing														
						232.00	232.50	0.50	291238	0.008				
						232.50	233.00	0.50	291239	0.016				
						233.00	233.50	0.50	291241	0.009				
						233.50	234.00	0.50	291242	0.0025				
						234.00	235.00	1.00	291243	0.0025				
						235.00	236.00	1.00	291244	0.0025				
						236.00	237.00	1.00	291245	0.0025				
						237.00	238.00	1.00	291246	0.0025				
						238.00	239.00	1.00	291247	0.0025				
						239.00	240.00	1.00	291248	0.0025				
239.40	**239.80**	**I1**	**Mafic intrusive**	**medium green**	**GS2**									
239.80	**266.50**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**	240.00	241.00	1.00	291249	0.0025				
moderate biotite/silica altered mafic volcanics 2% background carb stringers														
<<Min: 251.4 - 265: 3% stibnite>> bands of Stibnite patches upto 5% coarse elongated blades or massive radiating grains, grains aligned with foliation						241.00	242.00	1.00	291250	0.0025				
<<Struc: 240.7 - 242.3: moderate Joint 25 deg. >> infilled jointing with silica/epidote						242.00	243.00	1.00	291251	0.0025				
						243.00	244.00	1.00	291252	0.008				
						244.00	245.00	1.00	291253	0.012				
						245.00	246.00	1.00	291254	0.0025				
						246.00	247.00	1.00	291255	0.0025		18	10	67
						247.00	248.00	1.00	291256	0.009		21	10	68
						248.00	249.00	1.00	291257	0.009		26	10	95
						249.00	250.00	1.00	291258	0.014		17	10	54
						250.00	251.40	1.40	291259	0.01		48	10	124
						251.40	252.00	0.60	291261	0.014		62	10	103
						252.00	253.00	1.00	291262	0.018		25	10	64

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From (m)	To (m)		Rock Type & Description		
266.50	**267.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**
medium grain mafic intrusive with 2% Py dissemennated					
267.70	**276.50**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
Silica altered mafic volcanics bands of stibnite up to 5% stibnite					
<<Min: 269.4 - 276.5: 3% stibnite>> grains			bands of Stibnite upto 5% coarse grain elongated blades or massive radiating		
276.50	**277.40**	**I1**	**Mafic intrusive**	**medium green**	**GS1**

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
253.00	254.00	1.00	291263	0.013		20	10	72
254.00	255.00	1.00	291264	0.007		20	10	55
255.00	256.00	1.00	291265	0.0025		13	10	51
256.00	257.00	1.00	291266	0.012		19	10	83
257.00	258.00	1.00	291267	0.0025		19	10	79
258.00	259.00	1.00	291268	0.0025		19	10	89
259.00	260.00	1.00	291269	0.0025		34	10	62
260.00	261.00	1.00	291270	0.0025		21	10	61
261.00	262.20	1.20	291271	0.0025		23	10	80
262.20	263.00	0.80	291272	0.0025		35	10	68
263.00	264.00	1.00	291273	0.0025		21	10	59
264.00	265.00	1.00	291274	0.0025		28	10	84
265.00	266.00	1.00	291275	0.0025		36	10	110
266.00	266.50	0.50	291276	0.0025		40	10	84
266.50	267.70	1.20	291277	0.0025		43	10	77
267.70	269.40	1.70	291278	0.0025		25	10	117
269.40	270.00	0.60	291279	0.0025		22	10	69
270.00	271.00	1.00	291281	0.0025		22	10	77
271.00	272.00	1.00	291282	0.0025		26	10	75
272.00	273.00	1.00	291283	0.0025		41	10	95
273.00	274.00	1.00	291284	0.0025		28	24	97
274.00	275.00	1.00	291285	0.0025		39	144	322
275.00	276.00	1.00	291286	0.0025		39	10	139
276.00	276.50	0.50	291287	0.0025		29	10	91
276.50	277.40	0.90	291288	0.0025		37	10	74

Hole: PAC-20-049

From (m)	To (m)		Rock Type & Description		
277.40	**281.30**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
strong silica altered mafic volcanics <<Alt: 278.3 - 281.3: strong Silicification>>					
281.30	**282.50**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
dark green medium grain mafic intrusive with 20 cm intervals of silica altered mafics					
282.50	**282.90**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**
silicified mafic volcanics fine grain					
282.90	**284.30**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
massive medium grain dark green mafic intrusive					
284.30	**284.90**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**
silicified fine grain mafic volcanics					
284.90	**286.60**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
dark green medium grain mafic intrusive					
286.60	**287.00**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**
silicified fine grain mafic volcanics					
287.00	**288.20**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
dark green medium grain mafic intrusive					
288.20	**289.20**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
silica altered mafic volcanics					
289.20	**290.00**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
dark green medium grain mafic intrusive					
290.00	**291.90**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**
silica altered mafic volcanics					
291.90	**301.30**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
dark green medium grain mafic intrusive					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
277.40	278.00	0.60	291289	0.0025		26	10	90
278.00	279.00	1.00	291290	0.0025		23	10	40
279.00	280.00	1.00	291291	0.0025				
280.00	281.00	1.00	291292	0.085				

Hole: PAC-20-049

From (m)	To (m)		Rock Type & Description		
301.30	**305.00**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
green/gray fine grain mafic volcanics, upto 5% coarse grain Stibnite bands					
305.00	**311.10**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
very blocky ground, almost graval in places, green/gray fine grain mafic volcanics					
<<Struc: 309.8 - 309.9: strong Fault - breccia gouge 80 deg. >>					
311.10	**316.80**	**E1**	**mafic volcanics**	**medium green**	**GS1**
20% epidote filled fractures, kspar alterationin stringers.medium green fine grain mafic volcanics					
<<Struc: 311.4 - 312.4: strong Breccia 75 deg. >> breccia infilled with epidote					
316.80	**319.80**	**I2A**	**Diorite**	**dark green**	**GS2**
dark green medium grain kspar altered diorite					
319.80	**334.10**	**E1**	**mafic volcanics**	**medium green**	**GS1**
Medium green, kspar/epidote altered mafic volcanics 20% epidote filled fractures					
334.10	**334.30**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Tonalite Dyke: narrow; massive; medium grained; sharp upper (70) and lower (75) contacts					
334.30	**334.70**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: altered by upper and lower felsic dykes; strong silica alteration; 2-3% PY mineralization					
334.70	**335.20**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Felsic Tonalite Dyke: medium grained; massive; 30% pink feldpar 1-2mm in size; sharp upper (80) and lower(80) contacts					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
327.00	328.00	1.00	291293	0.0025				
328.00	329.00	1.00	291294	0.027				
329.00	330.00	1.00	291295	0.0025				
330.00	331.00	1.00	291296	0.0025				
331.00	332.00	1.00	291297	0.0025				
332.00	333.00	1.00	291298	0.0025				
333.00	334.10	1.10	291299	0.0025				
334.10	334.70	0.60	291301	0.0025				
334.70	336.00	1.30	291302	0.0025				

Hole: PAC-20-049

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
335.20	**345.00**	**E1 mafic volcanics**	**light grey**	**GS0**	336.00	337.00	1.00	291303	0.01				
Mafic Volcanic: Very strong pervasive silica alteration; 2-3% disseminated and 2-5mm cubes of PY mineralization pervasive through interval; weak to moderate late brecciation re-healed with light green epidote/silica													
<<Min: 335.2 - 345: 3% pyrite>> 2-3% disseminated and 1-5mm size cubes of PY mineralization throughout interval.					337.00	338.00	1.00	291304	0.008				
<<Alt: 335.2 - 345: strong Silicification / trace K-feldspar / weak Epidote>> Weak epidote/pink k-spar alteration along fractures					338.00	339.00	1.00	291305	0.006				
<<Struc: 339 - 345: moderate Breccia 25 deg. >> breccia infill with light green epidote/silica					339.00	340.00	1.00	291306	0.017				
					340.00	341.00	1.00	291307	0.0025				
					341.00	342.00	1.00	291308	0.006				
					342.00	343.00	1.00	291309	0.0025				
					343.00	344.00	1.00	291310	0.0025				
					344.00	345.00	1.00	291311	0.0025				
345.00	**357.00**	**E1 mafic volcanics**	**dark grey**	**GS1**	345.00	346.00	1.00	291312	0.0025				
Mafic Volcanic: dark grey; no alteration; very fine grained; massive; strong fracturing/discing from 351-353m. EOH=357m													
<<Struc: 349 - 353: strong Fracture>> 50% Fractured and discing of core					346.00	347.00	1.00	291313	0.0025				
					347.00	348.00	1.00	291314	0.0025				
					348.00	349.00	1.00	291315	0.0025				
					349.00	350.00	1.00	291316	0.0025				
					350.00	351.00	1.00	291317	0.015				
					351.00	352.00	1.00	291318	0.009				
					352.00	353.00	1.00	291319	0.0025				
					353.00	354.00	1.00	291321	0.0025				
					354.00	355.00	1.00	291322	0.0025				
					355.00	356.00	1.00	291323	0.007				
					356.00	357.00	1.00	291324	0.0025				

End of Hole @ 357

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-050

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-11-26	**Core Size:**	NQ
UTM East:	439500	**Azimuth:**	356	**Date Completed:**	2020-11-26	**Casing Pulled?:**	☐
UTM North:	5643240	**Dip:**	-45	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	410	**Length (m):**	21	**Drill Rig:**	Rig4	**Casing Depth (m):**	2.8
Hole Status:	Completed	**Target:**	Faulkenham IP Target			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☑

Comments:

PAC-20-050 stopped at 21 m due to wrong azimuth at 356 degrees.

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	PROPOSED	Nordik Drilling	2020-11-26	-45	356	0	356		☑	Hole collared at wrong azimuth. Stopped at 21m.
15	ReflexEZS	Nordik Drilling	2020-11-26	-44.9	356	0	356		☑	

Hole: PAC-20-050

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**2.80**	**CS**	**casing (no recovery)**										
Casing/Overburden													
2.80	**21.00**	**E1**	**mafic volcanics**	**dark grey GS2**									
Mafic Volcanic: medium grained with minor intercalated patches of possible mafic intrusive; weak foliation at 30 degrees; EOH = 21m due to wrong azimuth at 356m. Hole re-collared PAC-20-051 at azimuth 170 degrees													

End of Hole @ 21

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-051

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-11-27	**Core Size:**	NQ
UTM East:	439500	**Azimuth:**	170	**Date Completed:**	2020-12-01	**Casing Pulled?:**	☐
UTM North:	5643240	**Dip:**	-45	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	410	**Length (m):**	357	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Eastern IP			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☑

Comments:

Planned DDH #PACP-20-123- Downhole survey unavailable due to Reflex tool Problems. Survey returned wrong dip around -22.

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
100	unknown	Nordik Drilling		-44	171.5	0	171.5		☑	Estimated Survey- Survey tool was not working propely
200	unknown	Nordik Drilling		-43	173	0	173		☑	Estimated Survey- Survey tool was not working propely

Hole: PAC-20-051

From (m)	To (m)		Rock Type & Description		
0.00	**3.30**	**CS**	**casing (no recovery)**		
Casing/overburden					
3.30	**45.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: medium to dark grey; fine grained; very minor patches of dark green to black chlorite alteration; moderate foliation at 40 degrees TCA					
<<Struc: 12.6 - 12.7: intense Fault - breccia gouge 65 deg. >> Narrow breccia fault with dark green epidote/silica infill					
<<Struc: 39.5 - 39.6: weak Foliation>> weak foliation					
45.50	**45.90**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Tonalite Dyke: Narrow interval of medium grained; massive; sharp upper (70) and lower contact (75); 20% 1-2mm size pink k-spar crystals					
45.90	**81.90**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive but with minor patches of very weak foliation at 60 degrees; Sharp lower contact at 70 degrees					
<<Min: 61.5 - 62: 0.5% pyrite>> trace% PY mineralization along fracture infill					
<<Struc: 77.8 - 77.9: moderate Foliation 65 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
21.00	22.00	1.00	291325	0.011				
22.00	23.00	1.00	291326	0.014				
23.00	24.00	1.00	291327	0.0025				
24.00	25.00	1.00	291328	0.009				
25.00	26.00	1.00	291329	0.013				
26.00	27.00	1.00	291330	0.011				
27.00	28.00	1.00	291331	0.0025				
28.00	29.00	1.00	291332	0.0025				
29.00	30.00	1.00	291333	0.007				
30.00	31.00	1.00	291334	0.005				
31.00	32.00	1.00	291335	0.0025				
32.00	33.00	1.00	291336	0.0025				
51.00	52.00	1.00	291337	0.015				
52.00	53.00	1.00	291338	0.005				
53.00	54.00	1.00	291339	0.0025				
54.00	55.00	1.00	291341	0.01				
55.00	56.00	1.00	291342	0.008				
56.00	57.00	1.00	291343	0.005				
57.00	58.00	1.00	291344	0.008				

Hole: PAC-20-051

From (m)	To (m)		Rock Type & Description		
81.90	**83.30**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**
Mafic Dyke: medium grained; massive; Sharp upper and lower contacts defined by grain size					
<<Struc: 81.9 - 82: complete Litho contact - sharp / undeformed>>					
83.30	**99.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive; dark grey; massive but with patches and intervals of minor moderate foliation at 60 degrees.					
<<Struc: 83.3 - 83.4: complete Litho contact - sharp / undeformed 70 deg. >>					
<<Struc: 95.8 - 95.9: strong Foliation 65 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
58.00	59.00	1.00	291345	0.01				
59.00	60.00	1.00	291346	0.005				
60.00	61.00	1.00	291347	0.0025				
61.00	62.00	1.00	291348	0.0025				
62.00	63.00	1.00	291349	0.061				
63.00	64.00	1.00	291350	0.009				
64.00	65.00	1.00	291351	0.0025				
65.00	66.00	1.00	291352	0.0025				
66.00	67.00	1.00	291353	0.0025				
85.00	86.00	1.00	291354	0.0025				
86.00	87.00	1.00	291355	0.0025				
87.00	88.00	1.00	291356	0.0025				
88.00	89.00	1.00	291357	0.008				
89.00	90.00	1.00	291358	0.0025				
90.00	91.00	1.00	291359	0.0025				
91.00	92.00	1.00	291361	0.0025				
92.00	93.00	1.00	291362	0.008				
93.00	94.00	1.00	291363	0.0025				
94.00	95.00	1.00	291364	0.013				
95.00	96.00	1.00	291365	0.0025				
96.00	97.00	1.00	291366	0.02				
97.00	98.00	1.00	291367	0.006				
98.00	99.00	1.00	291368	0.008				
99.00	99.80	0.80	291369	0.005				

Hole: PAC-20-051

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
99.80	**103.10**	**I1** **Mafic intrusive**	**dark grey**	**GS1**									
Mafic Dyke: very minor change in grain size from mafic volcanic to dyke that is the only difference; Sharp upper (75) and lower contacts (75); course grained white calcite cyrstals at the lower contact													
<<Struc: 99.8 - 99.9: complete Litho contact - sharp / undeformed 75 deg. >>													
103.10	**107.70**	**E1** **mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: dark grey; very weak foliation at 60 degrees; very fine grained													
<<Struc: 103.1 - 103.2: complete Litho contact - sharp / undeformed 65 deg. >>													
107.70	**108.00**	**I1** **Mafic intrusive**	**dark grey**	**GS2**									
Mafic Dyke: medium grained; fractured and blocky core													
108.00	**108.60**	**E1** **mafic volcanics**	**dark grey**	**GS1**									
108.60	**109.10**	**I1** **Mafic intrusive**	**dark grey**	**GS2**									
Mafic Dyke: blocky and fractured core; faulted													
<<Struc: 108.6 - 109.1: strong Fault 70 deg. >> Fault zone with dyke													
109.10	**139.10**	**E1** **mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: dark grey; very fine grained; weakly foliated at 65 degrees; sharp lower contact with the dyke at 50 degrees													
<<Struc: 116 - 116.5: moderate Foliation 70 deg. >>													
<<Struc: 127 - 127.2: moderate Foliation 65 deg. >>													
					132.00	133.00	1.00	291370	0.013				
					133.00	134.00	1.00	291371	0.0025				
					134.00	135.00	1.00	291372	0.0025				
					135.00	136.00	1.00	291373	0.0025				
					136.00	137.00	1.00	291374	0.0025				
					137.00	138.00	1.00	291375	0.0025				
					138.00	139.10	1.10	291376	0.007				
					139.10	140.00	0.90	291377	0.006				
139.10	**140.80**	**I1** **Mafic intrusive**	**light grey**	**GS2**	140.00	140.80	0.80	291378	0.01				
Mafic Intrusive dyke: medium to coarse grained - coarser grained than earlier dykes; <1% disseminated PY mineralization throughout the interval; sharp upper (65) and lower (65) contacts													
<<Min: 139.1 - 140.8: 1% pyrite>>													
					140.80	142.00	1.20	291379	0.01				

Hole: PAC-20-051

From (m)	To (m)		Rock Type & Description		
140.80	**142.90**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
typical mafic volcanic; fine grained; massive; minor 5 cm wide light green epidote patch at 141.7m					
<<Struc: 140.8 - 140.9: intense Litho contact - sharp / undeformed 50 deg. >>					
142.90	**143.30**	**I2A**	**Diorite**	**white**	**GS2**
Diorite dyke: white with 5-8% black specks; Sharp upper (30) and lower contacts (30)					
143.30	**177.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; Intervals of trace to weak folation at 65 degrees TCA; narrow mafic dyke from 146.9-147.1m; very weak pervasive silica alteration from 167-177.5m; Sharp lower contact with the mafic dyke at 70 degrees					
<<Struc: 152 - 152.1: weak Foliation 65 deg. >>					
<<Struc: 165.8 - 166: weak Foliation 70 deg. >>					
<<Struc: 173 - 173.1: weak Foliation 75 deg. >>					
177.50	**179.20**	**I3**	**Felsic intrusive**	**light grey**	**GS2**
Felsic intrusive dyke: Possible diorite? light grey to green in colour; medium grained; 1-2% pervasive disseminated PY; sharp upper (70) and lower contacts (70) degrees TCA					
179.20	**199.60**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; massive; fine grained; very weak foliation at 75 degrees TCA; undefined lower contact with mafic intrusive					
<<Struc: 183 - 183.1: weak Foliation 75 deg. >>					
199.60	**204.60**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
Mafic Intrusive: dark green; fine to medium grained; massive; gradational lower contact with intrusive tonalite					
204.60	**208.30**	**I3B**	**Tonalite**	**"reddish"**	**GS2**
Tonalite: medium grey with 30% pink/red k-spar crystals; 25% fractured and broken core					
208.30	**213.00**	**E2**	**Intermediate**	**medium grey**	**GS0**
Intermediate Volcanic: aphanitic to fine grained; moderate to strong pervasive silica alteration; broken/fractued core from 208.3-208.7m					
<<Alt: 208.3 - 213: strong Silicification>> pervasive but with minor bands of very strong alteration					
<<Struc: 208.3 - 208.8: complete Fracture>> Fracture zone with broken core.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
142.00	143.00	1.00	291381	0.016				
175.00	176.20	1.20	291382	0.014				
176.20	177.50	1.30	291383	0.009				
177.50	179.20	1.70	291384	0.0025				
179.20	180.00	0.80	291385	0.019				
180.00	181.00	1.00	291386	0.0025				
208.30	209.00	0.70	291387	0.0025				
209.00	210.00	1.00	291388	0.01				
210.00	211.00	1.00	291389	0.008				
211.00	212.00	1.00	291390	0.011				
212.00	213.00	1.00	291391	0.007				

Hole: PAC-20-051

From (m)	To (m)		Rock Type & Description		
213.00	**216.70**	**E2**	**Intermediate**	**medium grey**	**GS1**
Fault zone with broken and rubble core; zero RQD; brecciated and fractured					
<<Alt: 213 - 219.9: complete Silicification>> Intense to complete silica alteration through fault zone					
<<Struc: 213 - 216.7: complete Fault - breccia gouge>> Broken and fractured core with zero RQD. Fault/breccia zone					
216.70	**219.90**	**E2**	**Intermediate**	**medium grey**	**GS0**
Intermediate Volcanic: strong silica alteration; strong late brecciation with light green silica/epidote alteration					
<<Struc: 216.7 - 219.9: moderate Fault - breccia gouge 30 deg. >>					
219.90	**222.50**	**I3B**	**Tonalite**	**dark grey**	**GS2**
Tonalite: medium grained; strong late brecciation/faulting; Sharp low angle lower contact with gabbro					
222.50	**227.30**	**I1A**	**Gabbro**	**medium green**	**GS4**
Gabbro: light green; coarse grained; sharp lower contact at 45 degrees					
227.30	**228.30**	**I1**	**Mafic intrusive**	**medium green**	**GS2**
Mafic Intrusive: medium grained; massive; 5% 1mm size pink k-spar cyrstals; 0.1m wide band of pink/red hematite/kspar alteration					
228.30	**238.10**	**E1**	**mafic volcanics**	**light grey**	**GS0**
Mafic Volcanic: Very strong pervasive silica alteration; late brecciation/fracturing with light green epidote/silica infill; minor intervals <10% of red hematite					
<<Alt: 228.3 - 238.1: moderate Silicification / moderate K-feldspar / moderate Hematitic>>					
<<Struc: 235.4 - 235.8: intense Fault - breccia gouge 65 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
213.00	214.00	1.00	291392	0.007				
214.00	215.00	1.00	291393	0.0025				
215.00	216.00	1.00	291394	0.0025				
216.00	217.00	1.00	291395	0.0025				
217.00	218.00	1.00	291396	0.0025				
218.00	219.00	1.00	291397	0.0025				
219.00	219.90	0.90	291398	0.007				
228.40	229.00	0.60	291399	0.0025				
229.00	230.00	1.00	291401	0.0025				
230.00	231.00	1.00	291402	0.0025				
231.00	232.00	1.00	291403	0.0025				
232.00	233.00	1.00	291404	0.0025				
233.00	234.00	1.00	291405	0.0025				
234.00	235.00	1.00	291406	0.0025				
235.00	236.00	1.00	291407	0.0025				
236.00	237.00	1.00	291408	0.0025				

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
						237.00	238.10	1.10	291409	0.0025				
						238.10	239.00	0.90	291410	0.0025				
238.10	**239.90**	**I3B**	**Tonalite**		**GS2**	239.00	239.90	0.90	291411	0.03				
Tonalite dyke: dark grey with 30% 1mm size red/pink k-spar; Disrupted and undefined lower contact														
239.90	**248.20**	**E1**	**mafic volcanics**	**light grey**	**GS0**									
Mafic Volcanic: very strongly silicifed with overprinting of the primary lithology; strong late brecciation/fracturing with light green/grey epidote/silica; mafic dyke 242.8-243m														
<<Alt: 239.9 - 248.2: intense Silicification / weak K-feldspar>>														
						239.90	241.00	1.10	291412	0.0025				
						241.00	242.00	1.00	291413	0.0025				
						242.00	243.00	1.00	291414	0.0025				
						243.00	244.00	1.00	291415	0.0025				
						244.00	245.00	1.00	291416	0.008				
						245.00	246.00	1.00	291417	0.0025				
						246.00	247.00	1.00	291418	0.0025				
						247.00	248.00	1.00	291419	0.0025				
						248.00	249.50	1.50	291421	0.0025				
248.20	**249.50**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**									
Mafic Dyke: dark green; massive; brecciated lower contact														
249.50	**250.60**	**E1**	**mafic volcanics**	**light green**	**GS0**	249.50	250.60	1.10	291422	0.0025				
Mafic Volcanic: Fault zone with strong brecciation and red hematite alteration														
<<Struc: 249.5 - 250.6: complete Fault - breccia gouge 40 deg. >> fault breccia zone														
						250.60	252.00	1.40	291423	0.0025				
250.60	**255.20**	**I2A**	**Diorite**	**"reddish"**	**GS1**	252.00	253.00	1.00	291424	0.006				
Altered Diorite: possbile granodiorite?; pink colour; moderate k-spar alteration; disseminated fine grained PY mineralization														
<<Min: 250.6 - 255.2: 1% pyrite>>						253.00	254.00	1.00	291425	0.0025				
<<Alt: 250.6 - 259.2: moderate K-feldspar / weak Hematitic / strong Silicification>>						254.00	255.20	1.20	291426	0.0025				
255.20	**259.20**	**E1**	**mafic volcanics**	**light grey**	**GS0**									
Mafic Volcanic: strong pervasive silica alteration with minor bands of both intense silica + red/pink hematite alteration; moderate to strong late brecciation/faulting with re-healed light green epidote/silica at various angles to core axis														

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 255.2 - 255.8: complete Fault - breccia gouge 50 deg. >>									
			255.20	256.00	0.80	291427	0.0025				
			256.00	257.00	1.00	291428	0.0025				
			257.00	258.00	1.00	291429	0.0025				
			258.00	259.20	1.20	291430	0.0025				
			259.20	260.30	1.10	291431	0.0025				
259.20	**260.30**	**I3B Tonalite medium grey GS2**									
		Intrusive tonalite: medium grained; massive; 30% 1mm pink kspar cyrstals									
260.30	**263.50**	**E1 mafic volcanics medium grey GS0**									
		Mafic Volcanic: moderate pervasive silica alteration with <10% intense bands/stringers with pink hematite alteration; moderate late brecciation/faulting with re-healed light green epidote/silica									
		<<Min: 262 - 263: 0.5% pyrite>>									
		<<Alt: 260.3 - 263.5: moderate Silicification / weak K-feldspar>>									
			260.30	261.00	0.70	291432	0.012				
			261.00	262.00	1.00	291433	0.0025				
			262.00	263.50	1.50	291434	0.005				
263.50	**265.10**	**I3B Tonalite "reddish" GS2**	263.50	265.10	1.60	291435	0.01				
		Tonalite Dyke: strong pink kspar crystals from 264.4-265m; medium grained; massive; Sharp upper (65) and faulted lower contact (70)									
			265.10	266.00	0.90	291436	0.008				
265.10	**272.80**	**E1 mafic volcanics medium grey GS0**	266.00	267.00	1.00	291437	0.0025				
		Mafic Volcanic: moderate pervasive silica alteration; 25% stringers and bands of late faulting/fracturing with light green epidote/silica infill									
		<<Min: 268.5 - 271.7: 1% pyrite>>	267.00	268.00	1.00	291438	0.0025				
		<<Alt: 265.1 - 272.8: weak Silicification / strong Epidote>>	268.00	269.00	1.00	291439	0.0025				
		<<Struc: 271.6 - 272.3: complete Fault - breccia gouge 30 deg. >> ligh green breccia fault zone	269.00	270.00	1.00	291441	0.0025				
			270.00	271.00	1.00	291442	0.0025				
			271.00	272.00	1.00	291443	0.0025				
			272.00	272.80	0.80	291444	0.011				
272.80	**273.40**	**I3B Tonalite "reddish" GS2**									
		Tonalite Dyke: 30% 1mm size anhedral pink kspar; massive; trace% very fine grained disseminated PY									

Hole: PAC-20-051

From (m)	To (m)	Rock Type & Description
273.40	**288.70**	**E1 mafic volcanics light grey GS0** Mafic Volcanic: strong to intense silica alteration and late low angle faulting/brecciation with light green epidote/silica infill from 273.4-288.5m; 20% narrow intervals/patches of trace-1% disseminated + 1-2mm PY <<Min: 274 - 288.7: 1% pyrite>> patches of 1% PY min throughout interval <<Alt: 273.4 - 288.7: strong Silicification / moderate Epidote>> <<Struc: 276.2 - 277.7: intense Fault - breccia gouge 5 deg. >> low angle breccia fault parallel to core axis
288.70	**296.50**	**E1 mafic volcanics dark grey GS0** Mafic Volcanic: dark grey; moderate foliation at 75 degrees TCA; lower contact defined by increase in faulting/fracturing; narrow mafic dyke from 290.7-291m

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
272.80	273.40	0.60	291445	0.0025				
273.40	275.00	1.60	291446	0.009				
275.00	276.00	1.00	291447	0.0025				
276.00	277.00	1.00	291448	0.011				
277.00	278.00	1.00	291449	0.006				
278.00	279.00	1.00	291450	0.0025				
279.00	280.00	1.00	291451	0.0025				
280.00	281.00	1.00	291452	0.0025				
281.00	282.00	1.00	291453	0.0025				
282.00	283.00	1.00	291454	0.009				
283.00	284.00	1.00	291455	0.0025				
284.00	285.00	1.00	291456	0.0025				
285.00	286.00	1.00	291457	0.005				
286.00	287.00	1.00	291458	0.0025				
287.00	288.00	1.00	291459	0.005				
288.00	288.70	0.70	291461	0.0025				
288.70	290.00	1.30	291462	0.007				
290.00	290.70	0.70	291463	0.0025				
290.70	292.00	1.30	291464	0.0025				
292.00	293.00	1.00	291465	0.0025				
293.00	294.00	1.00	291466	0.0025				
294.00	295.00	1.00	291467	0.0025				
295.00	296.50	1.50	291468	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
296.50	**304.30**	**E1 mafic volcanics**	**medium grey**	**GS0**	296.50	298.00	1.50	291469	0.0025				
Mafic Volcanic: light grey with bands of red/pink kspar alteration; strong to intense intervals + stringers of fault breccia predominantely at low angle to the core axis.													
<<Min: 304 - 305: 2% pyrite>>					298.00	299.00	1.00	291470	0.0025				
<<Struc: 298.7 - 301: intense Fault - breccia gouge 15 deg. >> low angle breccia fault with strong red hematite staining					299.00	300.00	1.00	291471	0.0025				
					300.00	301.00	1.00	291472	0.0025				
					301.00	302.00	1.00	291473	0.006				
					302.00	303.00	1.00	291474	0.008				
					303.00	304.30	1.30	291475	0.0025				
304.30	**343.70**	**I1 Mafic intrusive**	**dark green**	**GS2**									
Mafic Intrusive (possible gabbro?): alternating intervals of 30% medium grained pink/red rounded feldspar crystals; minor intercalated intensely silica altered mafic volcanics from 312.2-312.4, 313.6-314, 314.7-315, 315.6-315.9, 342.1-342.3, 343.3-343.4m													
					304.30	305.00	0.70	291476	0.0025				
					305.00	306.00	1.00	291477	0.0025				
					306.00	307.00	1.00	291478	0.0025				
					342.20	343.00	0.80	291479	0.012				
					343.00	343.70	0.70	291481	0.0025				
					343.70	344.90	1.20	291482	0.0025				
343.70	**344.40**	**E1 mafic volcanics**	**"reddish"**	**GS0**									
Strongly altered/silicifed mafic volcanic; weak late faulting/brecciation with light green epidote/silica infill													
344.40	**344.90**	**I3R Quartz-feldspar porphyry**	**"reddish"**	**GS2**									
QFP: medium grained; pink-red in colour; massive; sharp upper and lower contacts													
<<Alt: 344.4 - 344.9: moderate Silicification / strong Chlorite>>													
344.90	**351.00**	**E1 mafic volcanics**	**light grey**	**GS0**									
Mafic Volcanic: strong pervasive silica alteration; intense brecciation/faulting from 347.5-351.6m; minor patches of red hematite staining													
<<Struc: 347.5 - 352: intense Fault - breccia gouge 40 deg. >> Intense brecciation/faulting with ground core from 351-351.6m													
					344.90	346.00	1.10	291483	0.0025				
					346.00	347.00	1.00	291484	0.0025				

Hole: PAC-20-051

From (m)	To (m)	Rock Type & Description
351.00	**351.70**	**GC** **ground core** broken core due to fault/fracture zone <<Alt: 351.6 - 357: strong K-feldspar / strong Hematitic>> bands 0.1-0.2m in width of pink-red kspar alteration with lesser hematite
351.70	**357.00**	**I1** **Mafic intrusive** **medium grey** Mafic Intrusive: 35% 0.1-0.25m wide intervals of intense pink/red hematite/kspar aleration; EOH=357m

End of Hole @ 357

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
347.00	348.00	1.00	291485	0.0025				
348.00	349.00	1.00	291486	0.0025				
349.00	350.00	1.00	291487	0.008				
350.00	351.00	1.00	291488	0.0025				
351.00	352.00	1.00	291489	0.0025				
352.00	353.00	1.00	291490	0.0025				
353.00	354.00	1.00	291491	0.0025				
354.00	355.00	1.00	291492	0.0025				
355.00	356.00	1.00	291493	0.0025				
356.00	357.00	1.00	291494	0.0025				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-052

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-12-01	**Core Size:**	NQ
UTM East:	439800	**Azimuth:**	170	**Date Completed:**	2020-12-04	**Casing Pulled?:**	☐
UTM North:	5643270	**Dip:**	-45	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	419	**Length (m):**	288	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
						Reduced (m):	
Hole Status:	Completed	**Target:**	Eastern IP Target			**Reduceed Size:**	
Hole Purpose:	EXPL					**Oriented?:**	☑

Comments:
Planned DDH# PACP-20-126

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
9	ReflexEZS	Nordik Drilling		-45.2	173.4			57579	☑	
12	ReflexEZS	Nordik Drilling		-45.1	173.7			57353	☑	
15	ReflexEZS	Nordik Drilling		-45.1	173.8			57143	☑	
30	ReflexEZS	Nordik Drilling		-44.9	174.3			57319	☑	
33	ReflexEZS	Nordik Drilling		-44.9	174.2			57149	☑	
36	ReflexEZS	Nordik Drilling		-44.8	174.1			56990	☑	
45	ReflexEZS	Nordik Drilling		-44.7	175			57124	☑	
54	ReflexEZS	Nordik Drilling		-44.6	174.9			56894	☑	
57	ReflexEZS	Nordik Drilling		-44.5	175.2			56736	☑	
60	ReflexEZS	Nordik Drilling		-44.5	174.7			56851	☑	
66	ReflexEZS	Nordik Drilling		-44.4	174.9			57228	☑	
75	ReflexEZS	Nordik Drilling		-44.1	175.4			56805	☑	

Hole: PAC-20-052

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
78	ReflexEZS	Nordik Drilling		-43.9	175.3			56835	☑	
84	ReflexEZS	Nordik Drilling		-43.7	175.2			57024	☑	
87	ReflexEZS	Nordik Drilling		-43.7	174.7			57219	☑	
90	ReflexEZS	Nordik Drilling		-43.6	175.2			57092	☑	
96	ReflexEZS	Nordik Drilling		-43.5	175.2			57062	☑	
99	ReflexEZS	Nordik Drilling		-43.5	175.2			57075	☑	
102	ReflexEZS	Nordik Drilling		-43.4	175.1			57057	☑	
105	ReflexEZS	Nordik Drilling		-43.4	175.2			57034	☑	
108	ReflexEZS	Nordik Drilling		-43.3	175.3			57056	☑	
111	ReflexEZS	Nordik Drilling		-43.3	175.3			57054	☑	
117	ReflexEZS	Nordik Drilling		-43.2	175.5			57067	☑	
120	ReflexEZS	Nordik Drilling		-43.2	175.6			57101	☑	
126	ReflexEZS	Nordik Drilling		-43.1	175.7			57049	☑	
129	ReflexEZS	Nordik Drilling		-43.1	175.4			57078	☑	
132	ReflexEZS	Nordik Drilling		-43.1	175.5			57072	☑	
135	ReflexEZS	Nordik Drilling		-42.8	175.6			57074	☑	
138	ReflexEZS	Nordik Drilling		-42.9	175.4			57081	☑	
144	ReflexEZS	Nordik Drilling		-42.7	175.3			57054	☑	
147	ReflexEZS	Nordik Drilling		-42.6	175.6			57065	☑	
150	ReflexEZS	Nordik Drilling		-42.5	175.6			57069	☑	
156	ReflexEZS	Nordik Drilling		-42.3	175.7			57063	☑	
159	ReflexEZS	Nordik Drilling		-42.2	175.8			57075	☑	
162	ReflexEZS	Nordik Drilling		-42.1	175.9			57066	☑	
165	ReflexEZS	Nordik Drilling		-42	176.2			57072	☑	

Hole: PAC-20-052

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
168	ReflexEZS	Nordik Drilling		-42	176.1			57068	☑	
171	ReflexEZS	Nordik Drilling		-42	176.1			57075	☑	
174	ReflexEZS	Nordik Drilling		-41.9	176.2			57070	☑	
177	ReflexEZS	Nordik Drilling		-41.8	176.4			57092	☑	
180	ReflexEZS	Nordik Drilling		-41.8	176.3			57077	☑	
186	ReflexEZS	Nordik Drilling		-41.5	176			57081	☑	
189	ReflexEZS	Nordik Drilling		-41.6	176.6			57096	☑	
192	ReflexEZS	Nordik Drilling		-41.6	176.5			57087	☑	
195	ReflexEZS	Nordik Drilling		-41.5	177.1			57102	☑	
198	ReflexEZS	Nordik Drilling		-41.6	176.8			57084	☑	
201	ReflexEZS	Nordik Drilling		-41.3	177			57079	☑	
204	ReflexEZS	Nordik Drilling		-41.5	176.7			57093	☑	
207	ReflexEZS	Nordik Drilling		-41.4	177			57148	☑	
210	unknown	Nordik Drilling		-41.2	177.3			57093	☑	
213	unknown	Nordik Drilling		-41.3	177.3			57100	☑	
216	ReflexEZS	Nordik Drilling		-41.3	177.1			57097	☑	
219	ReflexEZS	Nordik Drilling		-41.3	177			57094	☑	
225	ReflexEZS	Nordik Drilling		-41.3	177			57105	☑	
228	ReflexEZS	Nordik Drilling		-41.3	177.3			57109	☑	
234	ReflexEZS	Nordik Drilling		-41.3	177.5			57154	☑	
240	ReflexEZS	Nordik Drilling		-41.2	177.4			57114	☑	
243	ReflexEZS	Nordik Drilling		-41.2	177.3			57080	☑	
246	ReflexEZS	Nordik Drilling		-41.2	177.3			57115	☑	
249	ReflexEZS	Nordik Drilling		-41.2	177.4			57121	☑	

Hole: PAC-20-052

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
252	ReflexEZS	Nordik Drilling		-41	177.5			57119	☑	
255	ReflexEZS	Nordik Drilling		-41.1	177.5			57126	☑	
258	ReflexEZS	Nordik Drilling		-41.1	177.3			57112	☑	
261	ReflexEZS	Nordik Drilling		-41	177.6			57116	☑	
264	ReflexEZS	Nordik Drilling		-41	177.4			57104	☑	
267	ReflexEZS	Nordik Drilling		-40.9	177.8			57109	☑	
270	ReflexEZS	Nordik Drilling		-40.9	177.7			57115	☑	
273	ReflexEZS	Nordik Drilling		-40.9	177.6			57121	☑	
282	ReflexEZS	Nordik Drilling		-40.7	178			57114	☑	
285	ReflexEZS	Nordik Drilling		-40.7	178.2			57109	☑	
288	ReflexEZS	Nordik Drilling		-40.7	178.4			57128	☑	

Hole: PAC-20-052

From (m)	To (m)		Rock Type & Description		
0.00	**3.00**	**CS**	**casing (no recovery)**		
Casing/Overburden					
3.00	**22.70**	**E1**	**mafic volcanics**	**medium grey**	**GS2**
Mafic Volcanic: medium grained; 5-8% sub mm anhedral white phenocrysts - possible calcite?; very weak foliation 50-60 degrees TCA; very minor fault stringers of light green silica/epidote parallel to foliation; sharp lower contact with the dyke at 70 degrees TCA					
22.70	**26.00**	**I1**	**Mafic intrusive**	**light grey**	**GS1**
Mafic Dyke: light to medium grey; fine grained; massive; sharp upper (70) and lower (65) contacts					
<<Struc: 22.7 - 22.8: complete Litho contact - sharp / undeformed 70 deg. >> dyke contact					
26.00	**59.20**	**E1**	**mafic volcanics**	**dark grey**	**GS2**
Mafic Volcanic: medium grained; 5% <1mm anhedral pink feldspar and white calcite phenocrysts; alternating light and dark grey bands throughout the interval					
<<Struc: 26 - 26.1: complete Litho contact - sharp / undeformed 70 deg. >> Dyke contact					
<<Struc: 31 - 31.1: weak Foliation 60 deg. >>					
<<Struc: 53 - 53.1: weak Foliation 60 deg. >>					
59.20	**59.50**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**
narrow mafic dyke: massive; fine grained					
59.50	**60.50**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
60.50	**60.90**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
60.90	**62.70**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: trace to 1% blebs of PY min: very weak foliation at 45 degrees					
<<Min: 60.9 - 62.7: 1% pyrite>> trace-1% belbs of PY min					
62.70	**81.08**	**E1**	**mafic volcanics**	**light grey**	**GS2**
Mafic Volcanic: dark grey; massive; <1% patches of disseminated + blebs of PY					
<<Alt: 62.7 - 66.6: weak Calcite / weak Chlorite / weak Biotite>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
60.90	62.70	1.80	291495	0.019				
62.70	64.00	1.30	291496	0.021				
64.00	65.00	1.00	291497	0.017				
65.00	66.60	1.60	291498	0.0025				
66.60	68.00	1.40	291499	0.008				
68.00	69.00	1.00	291501	0.011				
69.00	70.00	1.00	291502	0.037				

Hole: PAC-20-052

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
81.08	**83.12**	**I1A** **Gabbro**	**dark green**	**GS3**									
coarse grain gabbro, Kspar altered massive texture													
83.12	**87.10**	**E1** **mafic volcanics**	**"blueish"**	**GS1**									
Silica altered fine grain mafic volcanics													
<<Struc: 86.7 - 87.4: strong Fracture 65 deg. >> water seem													
87.10	**100.20**	**E1** **mafic volcanics**	**medium grey**	**GS1**									
carb altered fine grain mafic volcanics													
100.20	**101.60**	**I2A** **Diorite**	**light grey**	**GS2**									
medium grain medium gray diorite													
101.60	**103.15**	**E1** **mafic volcanics**	**medium grey**	**GS1**									
carb altered medium gray mafic volcanics													
103.15	**103.50**	**I2A** **Diorite**	**light grey**	**GS2**									
medium gran light gray diorite													
103.50	**105.15**	**I1** **Mafic intrusive**	**dark green**	**GS3**									
dark green coarse grain mafic intrusive													
105.15	**112.13**	**E1** **mafic volcanics**	**medium grey**	**GS1**	110.00	110.50	0.50	291503	0.0025				
weak Biotite/carb altered mafic volcanics													
<<Vein: 110.83 - 110.89: 70% Quartz-Carbonate vein contain 10-90% quartz>>					110.50	111.00	0.50	291504	0.0025				
					111.00	111.50	0.50	291505	0.0025				
112.13	**112.37**	**I1** **Mafic intrusive**	**medium green**	**GS2**									
112.37	**117.20**	**E1** **mafic volcanics**	**medium grey**	**GS1**									
weak biotite/carb altered mafic volcanics													
117.20	**124.20**	**E1** **mafic volcanics**	**"greenish"**	**GS1**									
carb altered minor biotite mafic volcanics													
<<Vein: 118 - 118.07: 70% Quartz-Carbonate vein contain 10-90% quartz>>													
					117.50	118.00	0.50	291506	0.0025				
					118.00	118.50	0.50	291507	0.009				
					118.50	119.00	0.50	291508	0.006				

Hole: PAC-20-052

From (m)	To (m)		Rock Type & Description		
124.20	**125.50**	**I1**	**Mafic intrusive**	**medium green**	**GS2**
medium green medium grain mafic intrusive					
125.50	**196.04**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
weakly altered with biotite/carb fine grain mafic volcanics					
<<Min: 157.15 - 157.6: 1% pyrite>>					
<<Vein: 149.7 - 149.85: 35% Quartz-Carbonate vein contain 10-90% quartz>>					
<<Vein: 159.27 - 159.32: 75% Quartz-Carbonate vein contain 10-90% quartz>>					
<<Vein: 163.8 - 164.75: 10% Quartz-Carbonate vein contain 10-90% quartz>>					
<<Vein: 168.75 - 168.8: 75% Quartz-Carbonate vein contain 10-90% quartz>>					
<<Vein: 176.6 - 176.65: 80% with magnetite>>					
<<Vein: 191.2 - 191.9: 15% with sulphides>>					
<<Struc: 133.95 - 134.1: weak Breccia 75 deg. >>					
196.04	**196.75**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
medium grain dark green mafic intrusive					
196.75	**203.50**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
weak biotite/carb fine grain mafic volcanics					
<<Struc: 203.25 - 203.45: moderate Breccia 75 deg. >> epidote/carb infilled breccia					
203.50	**206.04**	**I1**	**Mafic intrusive**	**dark green**	**GS3**
coarse grain dark green mafic intrusive					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
156.50	157.00	0.50	291509	0.006				
157.00	157.60	0.60	291510	0.018				
157.60	158.00	0.40	291511	0.0025				
158.50	159.00	0.50	291512	0.0025				
159.00	159.50	0.50	291513	0.012				
159.50	160.00	0.50	291514	0.024				
163.00	163.80	0.80	291515	0.179				
163.80	164.75	0.95	291516	0.11				
164.75	165.30	0.55	291517	0.013				
168.00	168.50	0.50	291518	0.006				
168.50	169.00	0.50	291519	0.012				
169.00	169.50	0.50	291521	0.012				
176.00	176.50	0.50	291522	0.0025				
176.50	177.00	0.50	291523	0.0025				
177.00	177.50	0.50	291524	0.007				
190.00	191.00	1.00	291525	0.04				
191.00	192.00	1.00	291526	0.09				
192.00	193.00	1.00	291527	0.0025				

Hole: PAC-20-052

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
206.04	**216.50**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
weak biotite/carb altered fine grain mafic volcanics													
216.50	**217.80**	**I3S Feldspar porphyry**	**light grey**	**GS2**									
light gray FPO													
217.80	**219.50**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
weak biotite/carb altered fine grain mafic volcanics													
219.50	**229.40**	**I1A Gabbro**	**dark green**	**GS3**									
coarse grain dark green gabbro 1% dissemenated Py													
229.40	**239.30**	**E1 mafic volcanics**	**"greenish"**	**GS1**									
very bolcky mafice volcanics with a large vuggy water seem hematie stainde 1% dissemanted Py													
					232.00	233.00	1.00	291528	0.0025				
					233.00	234.00	1.00	291529	0.013				
					234.00	235.00	1.00	291530	0.0025				
					235.00	236.00	1.00	291531	0.007				
					236.00	237.00	1.00	291532	0.007				
					237.00	238.00	1.00	291533	0.009				
					238.00	239.00	1.00	291534	0.011				
					239.00	240.00	1.00	291535	0.011				
239.30	**258.50**	**E1 mafic volcanics**	**medium green**	**GS1**	240.00	241.00	1.00	291536	0.007				
weak biotite/chl altered mafic volcanics epidoe/silica infilled fractures													
					241.00	242.00	1.00	291537	0.0025				
					242.00	243.00	1.00	291538	0.0025				
					243.00	243.60	0.60	291539	0.0025				
258.50	**259.35**	**I1 Mafic intrusive**	**dark green**	**GS2**	258.50	259.35	0.85	291541	0.0025				
Dark green medium grain mafic intrusive													
					259.35	260.60	1.25	291542	0.0025				
259.35	**266.20**	**E1 mafic volcanics**	**"greenish"**	**GS1**	260.60	262.00	1.40	291543	0.0025				
kspar/epidote altered mafic volcanics, 25% epidote infilled fractures <<Min: 259.35 - 260.6: 3% pyrite>>													

Hole: PAC-20-052

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Struc: 260.3 - 260.6: strong Breccia 20 deg. >>														
266.20	**267.00**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
medium grain medium green mafic intrusive														
267.00	**288.00**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**	270.00	271.00	1.00	291544	0.0025				
Kspar/hematite altered mafic volcanics, 40% bolcky ground, 30% fractured infilled with epidote/silica														
<<Min: 274.2 - 275.2: 3% pyrite>>						271.00	272.00	1.00	291545	0.0025				
<<Vein: 271.3 - 271.4: 65% with sulphides>>						272.00	273.00	1.00	291546	0.0025				
<<Struc: 274.6 - 275: intense Breccia 50 deg. >>						273.00	274.00	1.00	291547	0.0025				
<<Struc: 282.8 - 283.1: strong Breccia 25 deg. >>						274.00	275.20	1.20	291548	0.0025				
						275.20	276.00	0.80	291549	0.0025				

End of Hole @ 288

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-053

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	JS	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-12-08	**Core Size:**	NQ
UTM East:	440009	**Azimuth:**	210	**Date Completed:**	2020-12-10	**Casing Pulled?:**	☐
UTM North:	5646521	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	411	**Length (m):**	297	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	soil survey			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑

Planned Drill Number: CAC030
Block error at 276m

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling	2020-12-11	-50	216.7			58347	☑	
18	ReflexEZS	Nordik Drilling	2020-12-11	-50.1	217.3			56864	☑	
21	ReflexEZS	Nordik Drilling	2020-12-11	-49.9	216.8			57151	☑	
36	ReflexEZS	Nordik Drilling	2020-12-11	-49.8	218			58200	☑	
39	ReflexEZS	Nordik Drilling	2020-12-11	-49.8	218.2			56895	☑	
45	ReflexEZS	Nordik Drilling	2020-12-11	-49.8	218.1			57162	☑	
51	ReflexEZS	Nordik Drilling	2020-12-11	-49.8	217.3			57209	☑	
54	ReflexEZS	Nordik Drilling	2020-12-11	-49.7	217.7			56635	☑	
60	ReflexEZS	Nordik Drilling	2020-12-11	-49.7	216.6			56529	☑	
63	ReflexEZS	Nordik Drilling	2020-12-11	-49.6	217.4			56922	☑	
66	ReflexEZS	Nordik Drilling	2020-12-11	-49.6	216.9			56434	☑	

Hole: PAC-20-053

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
69	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	217.4			56943	☑	
75	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	218.3			57183	☑	
78	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	218.3			57070	☑	
81	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	217.7			57539	☑	
84	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	218.3			56818	☑	
93	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	218.3			57853	☑	
99	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	218.6			57110	☑	
108	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	217.4			57468	☑	
114	ReflexEZS	Nordik Drilling	2020-12-11	-49.5	217.8			57499	☑	
120	ReflexEZS	Nordik Drilling	2020-12-11	-49.4	217			57500	☑	
123	ReflexEZS	Nordik Drilling	2020-12-11	-49.3	217.7			56973	☑	
126	ReflexEZS	Nordik Drilling	2020-12-11	-49.4	217.1			57546	☑	
135	ReflexEZS	Nordik Drilling	2020-12-11	-49.2	218.5			57238	☑	
141	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	217.8			57776	☑	
144	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	218.7			57470	☑	
147	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	219.3			57550	☑	
153	ReflexEZS	Nordik Drilling	2020-12-11	-49	219.5			57303	☑	
156	ReflexEZS	Nordik Drilling	2020-12-11	-48.9	220.3			57328	☑	
165	ReflexEZS	Nordik Drilling	2020-12-11	-48.8	220			57070	☑	
168	ReflexEZS	Nordik Drilling	2020-12-11	-48.8	220.1			57337	☑	
171	ReflexEZS	Nordik Drilling	2020-12-11	-48.8	220.5			57164	☑	
174	ReflexEZS	Nordik Drilling	2020-12-11	-48.8	220.6			57201	☑	
177	ReflexEZS	Nordik Drilling	2020-12-11	-48.8	220.1			57403	☑	
189	ReflexEZS	Nordik Drilling	2020-12-11	-48.7	219.4			57302	☑	

Hole: PAC-20-053

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
192	ReflexEZS	Nordik Drilling	2020-12-11	-48.7	221			56984	☑	
195	ReflexEZS	Nordik Drilling	2020-12-11	-48.7	219.1			56526	☑	
201	ReflexEZS	Nordik Drilling	2020-12-11	-48.6	220.2			56936	☑	
207	ReflexEZS	Nordik Drilling	2020-12-11	-48.6	220.4			56906	☑	
210	ReflexEZS	Nordik Drilling	2020-12-11	-48.6	220.2			56844	☑	
213	ReflexEZS	Nordik Drilling	2020-12-11	-48.6	220.6			57017	☑	
216	ReflexEZS	Nordik Drilling	2020-12-11	-48.5	220.6			57059	☑	
219	ReflexEZS	Nordik Drilling	2020-12-11	-48.9	220.2			57024	☑	
228	ReflexEZS	Nordik Drilling	2020-12-11	-49	220.5			57235	☑	
231	ReflexEZS	Nordik Drilling	2020-12-11	-49	220.5			57094	☑	
234	ReflexEZS	Nordik Drilling	2020-12-11	-49	220.2			57139	☑	
237	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	219.8			56838	☑	
240	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	219.9			57057	☑	
243	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	220.4			57117	☑	
246	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	220.3			56983	☑	
249	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	220.7			57159	☑	
252	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	221			56807	☑	
255	ReflexEZS	Nordik Drilling	2020-12-11	-49.2	220.3			57192	☑	
258	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	221.3			56975	☑	
261	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	221.5			57079	☑	
267	ReflexEZS	Nordik Drilling	2020-12-11	-49.2	220.3			57086	☑	
270	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	220.5			57110	☑	
276	ReflexEZS	Nordik Drilling	2020-12-11	-49.2	220.7			57220	☑	
279	ReflexEZS	Nordik Drilling	2020-12-11	-49.2	220.9			57112	☑	

Hole: PAC-20-053

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
282	ReflexEZS	Nordik Drilling	2020-12-11	-49.2	220.6			57169	☑	
294	ReflexEZS	Nordik Drilling	2020-12-11	-49.1	221.4			57235	☑	

Hole: PAC-20-053

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**CS**	**casing (no recovery)**										
3.00	**22.90**	**I1A**	**Gabbro**	**dark green**	**GS2**	5.00	5.50	0.50	291550	0.0025				
blocky ground from 3-6m, medium grain dark geen gabbro some hematite staining, patchy epidote alteration, 1% scattered Py														
<<Vein: 5.84 - 6: 85% with sulphides>>						5.50	6.00	0.50	291551	0.019				
<<Vein: 15.2 - 15.4: 35% with sulphides>>						6.00	6.50	0.50	291552	0.0025				
						14.50	15.00	0.50	291553	0.0025				
						15.00	15.50	0.50	291554	0.009				
						15.50	16.00	0.50	291555	0.0025				
22.90	**27.30**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**									
fine grain weakly foliated mafic volcanics														
<<Struc: 27.1 - 27.3: strong Fault - breccia gouge 50 deg. >> water seem														
						26.50	27.00	0.50	291556	0.0025				
						27.00	27.50	0.50	291557	0.0025				
27.30	**35.15**	**I1A**	**Gabbro**	**"greenish"**	**GS2**									
Medium grain epidote/kspar/hematite patchy altered gabbro														
						27.50	28.00	0.50	291558	0.0025				
						28.00	29.00	1.00	291559	0.015				
						29.00	30.00	1.00	291561	0.0025				
35.15	**37.00**	**I3A**	**Granite**	**"reddish"**	**GS3**									
coarse grain pinkish granite														
37.00	**44.15**	**I1A**	**Gabbro**	**"greenish"**	**GS2**	37.00	38.00	1.00	291562	0.0025				
medium grain gree/gray gabbro, 1% fine grain Py dissemented, epidote/kspar patchy alteration														
<<Min: 39.2 - 43.4: 3% pyrite>>						38.00	39.00	1.00	291563	0.0025				
<<Alt: 39.2 - 42: strong Epidote>>						39.00	40.00	1.00	291564	0.01				
<<Struc: 39.2 - 39.5: strong Breccia 25 deg. >>						40.00	41.00	1.00	291565	0.0025				
						41.00	42.00	1.00	291566	0.012				
						42.00	43.00	1.00	291567	0.0025				
						43.00	44.00	1.00	291568	0.0025				
						44.00	44.50	0.50	291569	0.0025				

Hole: PAC-20-053

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
44.15	**44.50**	**I3A**	**Granite**	**"reddish"**	**GS2**									
pinkish granite medium grain														
44.50	**56.40**	**I1A**	**Gabbro**	**"greenish"**	**GS2**	44.50	45.00	0.50	291570	0.006				
Kspar/epidote/hematite altered medium grained gabbro														
<<Vein: 47.45 - 47.49: 85% with sulphides>>						45.00	46.00	1.00	291571	0.0025				
						46.00	47.00	1.00	291572	0.0025				
						47.00	48.00	1.00	291573	0.008				
						48.00	49.00	1.00	291574	0.012				
56.40	**56.60**	**I3A**	**Granite**	**"reddish"**	**GS3**									
pinkish granite														
56.60	**62.40**	**I1A**	**Gabbro**	**"greenish"**	**GS2**									
strong epidote patches, kspar/hematite altered medium grained gabbro														
						59.00	59.60	0.60	291621	0.0025				
						59.60	60.40	0.80	291622	0.0025				
						60.40	61.00	0.60	291623	0.014				
						61.00	62.00	1.00	291624	0.012				
62.40	**63.20**	**I1A**	**Gabbro**	**"reddish"**	**GS3**									
pinkish garnite														
63.20	**66.30**	**E1**	**mafic volcanics**	**medium green**	**GS1**									
fine grained mafic volcanics silica altered mafics														
66.30	**82.00**	**I1A**	**Gabbro**	**"greenish"**	**GS2**	72.00	73.00	1.00	291575	0.007				
kspar/epidote/hematite altered medium grained Gabbro														
						73.00	74.00	1.00	291576	0.006				
						75.00	75.50	0.50	291577	0.011				
						75.50	76.00	0.50	291578	0.013				
						81.00	82.00	1.00	291579	0.014				
82.00	**83.20**	**I3**	**Felsic intrusive**	**"reddish"**	**GS1**	82.00	83.20	1.20	291581	0.0025				
reddish/pinkish felsic intrusive														

Hole: PAC-20-053

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
83.20	**112.74**	**I1A** **Gabbro**	**"greenish"**	**GS2**									
Epidote/kspar/hematite altered medium grain gabbro, 40% blocky ground <<Vein: 97.8 - 98.3: 100% with sulphides>> <<Vein: 98.4 - 98.8: 60% with sulphides>> <<Vein: 98.98 - 99.05: 100% with sulphides>> <<Struc: 87.5 - 87.8: strong Fault - breccia gouge 80 deg. >> water seem <<Struc: 89.6 - 90: strong Breccia 40 deg. >> <<Struc: 99.05 - 103.4: moderate Foliation 15 deg. >>													
					83.20	84.00	0.80	291582	0.0025				
					84.00	85.00	1.00	291583	0.01				
					85.00	86.00	1.00	291584	0.006				
					86.00	87.00	1.00	291585	0.0025				
					87.00	87.80	0.80	291586	0.0025				
					87.80	89.00	1.20	291587	0.0025				
					89.00	90.00	1.00	291588	0.0025				
					90.00	91.00	1.00	291589	0.011				
					91.00	92.00	1.00	291590	0.0025				
					97.00	97.80	0.80	291591	0.0025				
					97.80	98.30	0.50	291592	0.0025				
					98.30	99.10	0.80	291593	0.0025				
					99.10	100.00	0.90	291594	0.006				
					100.00	101.00	1.00	291595	0.0025				
					101.00	102.00	1.00	291596	0.0025				
					102.00	103.00	1.00	291597	0.016				
					103.00	104.00	1.00	291598	0.015				
					104.00	105.00	1.00	291599	0.029				
					108.00	109.00	1.00	291601	0.009				
					109.00	110.00	1.00	291602	0.01				
					110.00	111.00	1.00	291603	0.006				
					111.00	112.00	1.00	291604	0.011				

Hole: PAC-20-053

From (m)	To (m)	Rock Type & Description			
112.74	**112.94**	**I3A**	**Granite**	**"reddish"**	**GS2**
reddish/pinkish granite					
112.94	**116.40**	**I1A**	**Gabbro**	**"greenish"**	**GS2**
epidote altered medium grained gabbro					
116.40	**129.00**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
fine grain green/gray mafic volcanics					
<<Vein: 116.4 - 116.7: 100% with sulphides>>					
<<Vein: 125.63 - 125.76: 80% with sulphides>>					
129.00	**138.90**	**I1A**	**Gabbro**	**"greenish"**	**GS2**
medium grain epidote alteration patches 1% scatered Py fine grain					
<<Struc: 136.5 - 136.55: strong Joint 65 deg. >>					
138.90	**139.80**	**I3**	**Felsic intrusive**	**dark grey**	**GS2**
dark gray medium grain felsic intrusive					
139.80	**167.60**	**I1A**	**Gabbro**	**"greenish"**	**GS2**
epidote altered medium grain gabbro green/gray in color; fine grained from 152-159m; Sharp lower contact at 10 degrees TCA					
<<Vein: 152.8 - 152.9: 100% Carbonate vein contain 0-10% quartz>> Pink Qtz-carb vein altered with kspar					
<<Vein: 156 - 156.1: 100% VEIN (unspecified)>> Pink kspar vein; broken core					
<<Vein: 157.6 - 157.7: 100% Quartz-Carbonate vein contain 10-90% quartz>> Pink kspar altered vein					
<<Vein: 166.2 - 166.3: 100% Quartz-Carbonate vein contain 10-90% quartz>> Pink kspar altered Qtz-carb vein; planar with sharp contacts					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
115.00	116.00	1.00	291605	0.006				
116.00	117.00	1.00	291606	0.016				
117.00	118.00	1.00	291607	0.047				
125.00	126.00	1.00	291608	0.017				
126.00	127.00	1.00	291609	0.007				
127.00	128.00	1.00	291610	0.016				
128.00	129.00	1.00	291611	0.0025				
129.00	130.00	1.00	291612	0.0025				
130.00	131.00	1.00	291613	0.019				
131.00	132.00	1.00	291614	0.0025				
132.00	133.00	1.00	291615	0.0025				
133.00	134.00	1.00	291616	0.006				
134.00	135.00	1.00	291617	0.0025				
135.00	136.00	1.00	291618	0.0025				
136.00	137.00	1.00	291619	0.016				

Hole: PAC-20-053

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 148.4 - 148.9: intense Fault - breccia gouge 45 deg. >> fault zone with white calcite/black tourmaline infill									
		<<Struc: 150.8 - 151.4: intense Fracture>> broken core due to fracture zone									
167.60	**184.20**	**E1 mafic volcanics medium grey GS1** Mafic Volcanic: medium grey-green; fine grained; mottled texture with lighter grey patches; minor patches/stringers of light green epidote alteration									
184.20	**186.40**	**I1 Mafic intrusive brown GS2** Mafic Dyke: medium grained; massive; brown; sharp upper and lower contacts									
186.40	**190.60**	**E1 mafic volcanics medium grey GS1** Mafic Volcanic: mottled texture; fine grained; very weak pervasive chlorite alteration									
190.60	**194.30**	**I1 Mafic intrusive dark green GS2** Mafic Dyke: dark green; medium grained; minor white/pink late qtz-carb veins 192.4-192.7m									
194.30	**196.10**	**E1 mafic volcanics medium grey GS1** Mafic Volcanic: Mottled/disrupted texture									
196.10	**200.70**	**I1 Mafic intrusive light grey GS2** Mafic Dyke: possible gabbro? Grain size ranges from fine to medium; transitional upper and lower contacts	200.00	200.70	0.70	291625	0.017				
200.70	**206.30**	**E1 mafic volcanics medium grey GS1** Mafic Volcanic: mottled and disrupted texture; fine grained; increase in pink feldspar phenocrysts from 205 to 206.3m.									
			200.70	202.00	1.30	291626	0.0025				
			202.00	203.00	1.00	291627	0.0025				
			203.00	204.00	1.00	291628	0.0025				
			204.00	205.00	1.00	291629	0.0025				
			205.00	206.30	1.30	291630	0.0025				
			206.30	207.00	0.70	291631	0.0025				
206.30	**245.70**	**I3C Granodiorite light grey GS3** Granodiorite: massive intrusive texture; coarse grained; light grey with minor specks of pink feldspar; 2-3% disseminated PY mineralization at lower contact.	207.00	208.00	1.00	291632	0.0025				
		<<Min: 245.5 - 246.1: 2% pyrite>> minor disseminated PY mineralization at granodiorite contact	243.00	244.00	1.00	291633	0.0025				
		<<Alt: 238.9 - 240: intense Silicification / intense Hematitic>>	244.00	245.50	1.50	291634	0.0025				
		<<Vein: 220.5 - 220.6: 100% with quartz (barren)>>	245.50	246.10	0.60	291635	0.0025				
		<<Vein: 221.9 - 222.1: 100% with quartz (barren)>> Late quartz vein within granodiorite with strong pink feldspar alteration									

Hole: PAC-20-053

From (m)	To (m)	Rock Type & Description		
245.70	**249.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: minor interval within granodiorite; massive; fine grained; 2-3% disseminated PY mineralization at upper contact with granodiorite; pink qtz-carb veins at 248.8m and 249.1m					
<<Vein: 249 - 249.2: 100% with quartz (barren)>> Pink qtz vein					
249.20	**283.60**	**I3C**	**Granodiorite**	**light grey**	**GS3**
Intrusive Granodiorite: massive; medium to coarse grained; light grey with pink 1-2mm size feldspar phenocrysts					
<<Vein: 257.3 - 257.4: 100% with quartz (barren)>> White qtz vein within granodiorite					
<<Vein: 267.8 - 268.1: 100% with quartz (barren)>> Pink qtz vein					
<<Vein: 270.3 - 270.4: 100% with quartz (barren)>> Pink qtz vein within granodiorite					
283.60	**290.40**	**I3C**	**Granodiorite**	**light grey**	**GS2**
Transition zone between felsic intrusive and mafic volcanic; predominantly granodiorite with intercalated intervals of dark grey massive mafic volcanic of 40% within this interval; Strong silica alteration with weaker pink feldspar alteration within granodiorite. Strong light green pervasive epidote alteration from 283.6-284m					
<<Alt: 283.6 - 284: moderate Epidote>>					
<<Vein: 286.2 - 288.3: 100% VEIN (unspecified)>> Altered vein with pink kspar alteration					
290.40	**297.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Mafic Volcanic: possible fine grained peridotite? Dark green; minor stringers and veinlets of granodiorite from 290.4-294.7m.					
EOH=297m					
<<Vein: 290.7 - 291: 100% with quartz (barren)>> pink kspar altered vein with sharp upper and lower contacts					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
246.10	247.00	0.90	291636	0.0025				
247.00	248.00	1.00	291637	0.016				
248.00	249.20	1.20	291638	0.0025				
249.20	250.00	0.80	291639	0.007				
250.00	251.00	1.00	291641	0.0025				
282.00	283.00	1.00	291642	0.0025				
283.00	284.00	1.00	291643	0.0025				
284.00	285.00	1.00	291644	0.01				
285.00	286.20	1.20	291645	0.006				
286.20	287.20	1.00	291646	0.0025				
287.20	288.30	1.10	291647	0.0025				
288.30	289.00	0.70	291648	0.009				
289.00	290.00	1.00	291649	0.011				

Hole: PAC-20-053

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 297

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-054

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2020-12-11	**Core Size:**	NQ
UTM East:	440127	**Azimuth:**	150	**Date Completed:**	2020-12-14	**Casing Pulled?:**	☐
UTM North:	5646521	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	409	**Length (m):**	300	**Drill Rig:**	Rig4	**Casing Depth (m):**	
						Reduced (m):	
Hole Status:	Completed	**Target:**	Soil Sample			**Reduceed Size:**	
Hole Purpose:	EXPL					**Oriented?:**	☑

Comments:

Planned Drill Hole Number: CAC035
Drill rods dropped during multishot survey: single shots used up to 150m; multishot used after 150m

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
18	ReflexEZS	Nordik Drilling	2020-12-14	-49.9	150.6			56610	☑	
69	ReflexEZS	Nordik Drilling	2020-12-14	-48.5	152.2			56514	☑	
120	ReflexEZS	Nordik Drilling	2020-12-14	-47.7	153.1			56749	☑	
159	ReflexEZS	Nordik Drilling	2020-12-14	-46.9	153.3			56917	☑	
198	ReflexEZS	Nordik Drilling	2020-12-14	-45.9	153.1			56855	☑	
201	ReflexEZS	Nordik Drilling	2020-12-14	-45.8	153			56719	☑	
213	ReflexEZS	Nordik Drilling	2020-12-14	-45.6	153.5			56823	☑	
231	ReflexEZS	Nordik Drilling	2020-12-14	-45.4	153.5			56126	☑	
237	ReflexEZS	Nordik Drilling	2020-12-14	-45.3	153.1			56609	☑	
240	ReflexEZS	Nordik Drilling	2020-12-14	-45.2	154.3			56000	☑	
243	ReflexEZS	Nordik Drilling	2020-12-14	-45.1	154			55705	☑	

Hole: PAC-20-054

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
255	ReflexEZS	Nordik Drilling	2020-12-14	-45	154			56790	☑	
261	ReflexEZS	Nordik Drilling	2020-12-14	-44.9	154.2			57145	☑	
264	ReflexEZS	Nordik Drilling	2020-12-14	-44.8	154.3			57095	☑	
270	ReflexEZS	Nordik Drilling	2020-12-14	-44.8	154.2			57159	☑	
273	ReflexEZS	Nordik Drilling	2020-12-14	-44.7	154.1			56920	☑	
276	ReflexEZS	Nordik Drilling	2020-12-14	-44.5	154.1			56625	☑	
288	ReflexEZS	Nordik Drilling	2020-12-14	-44.3	154.3			56692	☑	
291	ReflexEZS	Nordik Drilling	2020-12-14	-44.3	154.9			56740	☑	
297	ReflexEZS	Nordik Drilling	2020-12-14	-44.2	154.9			56845	☑	
300	ReflexEZS	Nordik Drilling	2020-12-14	-44.2	154.7			56713	☑	Drill rods dropped during multishot survey: single shots used before 150m; multishot used after 150m

Hole: PAC-20-054

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**CS**	**casing (no recovery)**										
3.00	**14.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: dark grey; minor patches of light green epidote alteration; <5% felsic intrusive													
<<Alt: 3 - 7.5: moderate Epidote>>													
<<Struc: 10.8 - 11: intense Fault - breccia gouge 20 deg. >> minor late breccia fault													
14.40	**17.30**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**								
Mafic Dyke: massive; fine grained but different texture than the mafic volcanic; sharp upper (40) and lower (40) contacts													
17.30	**36.30**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: dark grey; fine grained; massive; minor <5% patches of light green epidote patches; altered 5mm wide low angle altered qtz vein at 32.3m													
<<Alt: 35.6 - 35.9: intense Epidote>>													
<<Vein: 32.2 - 32.5: 50% Quartz vein contain >90% quartz>> low angle qtz vein with strong light green epidote and red garnet aleration													
						30.00	31.00	1.00	291650	0.013			
						31.00	32.00	1.00	291651	0.039			
						32.00	33.00	1.00	291652	0.014			
						33.00	34.00	1.00	291653	0.011			
						34.00	35.00	1.00	291654	0.0025			
36.30	**37.10**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**								
Mafic Dyke: massive; fine grained; sharp upper (15) and lower (70) contacts													
37.10	**40.90**	**E1**	**mafic volcanics**	**light grey**	**GS1**								
Mafic Volcanic: strong patches of epidote alteration 50-60% of interval													
<<Alt: 37.1 - 40.9: strong Epidote>>													
40.90	**42.30**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**								
Mafic Dyke: dark grey with pervasive 5-10% 1-2mm size pink felspar phenocrysts													
42.30	**45.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: minor interval of pink granodiorite from 42.9-43.3m; weak pervasive light green epidote alteration													
<<Alt: 42.3 - 45: strong Epidote / weak Chlorite>>													
45.00	**48.10**	**I3C**	**Granodiorite**	**light grey**	**GS2**								
Granodiorite: massive; felsic intrusive with sharp upper (70) and lower (65) contacts													

Hole: PAC-20-054

From (m)	To (m)		Rock Type & Description		
48.10	**75.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: minor interval of pink felsic intrusive from 57-58.2m; mottled texture of light green/dark grey due to patches of epidote alteration					
<<Alt: 48.7 - 55: moderate Epidote>>					
<<Alt: 63 - 75.5: intense Epidote>>					
<<Struc: 52.4 - 52.5: complete Fault - breccia gouge>> fault with white calcite breccia infill					
<<Struc: 53 - 53.4: complete Fracture>> broken core due to fracture zone					
75.50	**76.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**
Mafic Dyke: dark grey; massive; medium grained; sharp upper (30) and lower (30) contact					
76.70	**79.10**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: 40% pink felsic volcanic from 77.1-77.4 and 78.3-78.8m					
79.10	**79.90**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
79.90	**94.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: mottled texture due to patches of light green epidote alteration; narrow mineralized qtz vein from 85.6-85.8m					
<<Min: 85.5 - 85.8: 2% pyrite / 1% sphalerite>>					
<<Alt: 79.9 - 90.5: moderate Epidote>>					
<<Vein: 85.6 - 85.8: 60% Quartz vein contain >90% quartz>> Qtz vein with 1-2% disseminated PY					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
63.00	64.00	1.00	291655	0.013				
64.00	65.00	1.00	291656	0.032				
65.00	66.00	1.00	291657	0.014				
66.00	67.00	1.00	291658	0.0025				
67.00	68.00	1.00	291659	0.014				
68.00	69.00	1.00	291661	0.0025				
69.00	70.00	1.00	291662	0.0025				
70.00	71.00	1.00	291663	0.0025				
71.00	72.00	1.00	291664	0.006				
72.00	73.00	1.00	291665	0.007				
73.00	74.00	1.00	291666	0.0025				
74.00	75.00	1.00	291667	0.0025				
82.00	83.00	1.00	291668	0.0025				
83.00	84.00	1.00	291669	0.0025				
84.00	85.00	1.00	291670	0.0025				
85.00	86.00	1.00	291671	0.0025				

Hole: PAC-20-054

From (m)	To (m)		Rock Type & Description		
94.50	**94.80**	**E3**	**Felsic volcanics**	**"reddish"**	**GS0**
Felsic Volcanic: fine grained to aphanitic; pink colour; massive; sharp upper (20) and lower (20) contacts					
94.80	**106.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic volcanic: moderate to strong low angle foliation ranging from <5 to 20 degrees; very minor stringers of felsic intrusive from 102.3-102.6m					
<<Min: 105 - 105.2: 1% pyrite>>					
<<Alt: 97.6 - 98.8: moderate Epidote>>					
106.20	**107.70**	**I3**	**Felsic intrusive**	**"reddish"**	**GS2**
Felsic dyke with <10% pink feldspar phenocrysts 1-2mm in size; breccia fault from 106.9-107.1 at low angle to CA; sharp upper contact (50) and undefined/gradational lower contact					
107.70	**127.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey with intervals of light green; strong to intense epidote alteration from 121.5-116m with 1% disseminated PY mineralization; broken core within fracture zone from 116-117m					
<<Min: 110.1 - 110.3: 1% pyrite>>					
<<Min: 112.6 - 113: 2% pyrite>>					
<<Min: 115.7 - 116: 1% pyrite>>					
<<Alt: 112.5 - 116: intense Epidote / trace Hematitic>>					
<<Struc: 115.8 - 116.8: intense Fracture>> Fracture and broken core with criss-crossing fractures at various angles					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
86.00	87.00	1.00	291672	0.0025				
87.00	88.00	1.00	291673	0.0025				
102.00	103.00	1.00	291674	0.0025				
103.00	104.00	1.00	291675	0.01				
104.00	105.00	1.00	291676	0.0025				
105.00	106.00	1.00	291677	0.0025				
106.00	107.00	1.00	291678	0.0025				
107.00	107.70	0.70	291679	0.0025				
107.70	109.00	1.30	291681	0.0025				
109.00	110.00	1.00	291682	0.0025				
110.00	111.00	1.00	291683	0.037				
111.00	112.00	1.00	291684	0.0025				
112.00	113.00	1.00	291685	0.0025				
113.00	114.00	1.00	291686	0.0025				
114.00	115.00	1.00	291687	0.0025				
115.00	116.00	1.00	291688	0.0025				

Hole: PAC-20-054

From (m)	To (m)		Rock Type & Description		
127.80	**204.90**	**I3B**	**Tonalite**	**light grey**	**GS2**

Tonalite: wide interval of felsic intrusive (possible Faulkhaman Stock); <5% dark grey mafic xenloiths ranging in size from 2-20 cm; minor pink fine grained qtz veins 153.3-153.8+ 167.8-168.1+176.8-178.2m; minor light green interval of mafic volcanic 163.6-164.1m

<<Vein: 153.3 - 153.8: 100% Quartz vein contain >90% quartz>> Pink qtz vein with strong feldspar alteration

<<Vein: 167.8 - 168.1: 100% Quartz vein contain >90% quartz>> Pink feldspar altered qtz vein

<<Vein: 176.8 - 178.1: 100% Quartz vein contain >90% quartz>> Pink qtz vein with strong feldspar alteration

204.90	**207.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**

Mafic Dyke: dark grey; massive; fine grained; broken core 207.3-207.6m

207.70	**208.50**	**I3B**	**Tonalite**	**light grey**	**GS2**

minor interval of tonalite; massive; medium grained

208.50	**211.80**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**

Mafic Dyke: dark grey; fine to medium grained; narrow interval of mafic volcanic from 211.3-211.8m

211.80	**215.50**	**I3B**	**Tonalite**	**light grey**	**GS3**

Tonalite: light grey/white with darker specks; massive; medium to coarse grained. Sharp upper and lower contacts

215.50	**222.50**	**E1**	**mafic volcanics**	**medium green**	**GS1**

Mafic Volcanic: mottled texture; fine grained; weak breccia zone at upper contact from 215.5-216m

222.50	**224.50**	**I3B**	**Tonalite**	**light grey**	**GS2**

Tonalite intrusion: narrow interval of felsic intrusive between the mafic volcanic units

224.50	**240.30**	**E1**	**mafic volcanics**	**medium green**	**GS1**

Mafic Volcanic: medium grey/green; 25% narrow intervals of white 1-2mm size plag. euhedral porphyryblasts; 20% narrow (<1m) intervals of intrusive tonalite; possible pillow selvages

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
116.00	117.00	1.00	291689	0.0025				
117.00	118.00	1.00	291690	0.0025				
151.00	152.00	1.00	291691	0.0025				
152.00	153.30	1.30	291692	0.005				
153.30	153.80	0.50	291693	0.006				
153.80	155.00	1.20	291694	0.0025				
155.00	156.00	1.00	291695	0.01				
176.00	176.80	0.80	291696	0.0025				
176.80	177.50	0.70	291697	0.005				
177.50	178.20	0.70	291698	0.0025				
178.20	179.00	0.80	291699	0.007				
229.00	230.00	1.00	291701	0.0025				

Hole: PAC-20-054

From (m)	To (m)	Rock Type & Description
		<<Vein: 230.4 - 230.7: 100% Quartz vein contain >90% quartz>> pink feldspar altered qtz vein
240.30	**300.00**	**I3B Tonalite light grey GS2**
		Intrusive Tonalite: light grey with specks of black; massive texture; <5% mafic volcanic xenoliths/ intervals ranging in size from 5-30 cm; two pink feldspar altered qtz veins at 247-247.6m + 265.8-266.1m EOH=300m
		<<Vein: 247 - 247.6: 100% Quartz vein contain >90% quartz>> Pink feldspar altered qtz vein with sharp upper and lower contacts
		<<Vein: 265.8 - 266: 100% Quartz vein contain >90% quartz>> Pink feldspar altered qtz vein; sharp upper and lower contacts

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
230.00	231.00	1.00	291702	0.006				
231.00	232.00	1.00	291703	0.0025				
246.00	247.00	1.00	291704	0.005				
247.00	247.60	0.60	291705	0.0025				
247.60	249.00	1.40	291706	0.007				
265.00	265.80	0.80	291707	0.006				
265.80	266.30	0.50	291708	0.007				
266.30	267.00	0.70	291709	0.005				

End of Hole @ 300

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-055

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2020-12-14	**Core Size:**	NQ
UTM East:	440389	**Azimuth:**	210	**Date Completed:**	2020-12-16	**Casing Pulled?:**	☐
UTM North:	5646509	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	409	**Length (m):**	195	**Drill Rig:**	Rig4	**Casing Depth (m):**	2.2
Hole Status:	Completed	**Target:**	Soil Sample			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☑

Comments:
Planned Drill Hole Number: CAC034, hole stopped early intercepted large granotoid interval.

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	200.7			57450	☑	
21	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	200.4			57074	☑	
27	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	200.6			56965	☑	
30	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	201			56958	☑	
33	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	201.1			56990	☑	
39	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	201.3			56920	☑	
42	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	200.5			56923	☑	
45	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.1			57111	☑	
48	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	201			57020	☑	
54	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.6			57152	☑	
57	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.2			56795	☑	
60	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	200.6			56790	☑	

Hole: PAC-20-055

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
63	ReflexEZS	Nordik Drilling	2020-12-17	-49	200.8			57027	☑	
69	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.4			56776	☑	
72	ReflexEZS	Nordik Drilling	2020-12-17	-49	201.2			56806	☑	
75	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.2			56730	☑	
81	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.2			56678	☑	
84	ReflexEZS	Nordik Drilling	2020-12-17	-49	202.7			56712	☑	
87	ReflexEZS	Nordik Drilling	2020-12-17	-49	201.4			56458	☑	
93	ReflexEZS	Nordik Drilling	2020-12-17	-49	201			56564	☑	
102	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	201.8			57276	☑	
105	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	202.2			56346	☑	
108	ReflexEZS	Nordik Drilling	2020-12-17	-49.1	203.2			56588	☑	
117	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	203.1			56844	☑	
120	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	202.5			57589	☑	
126	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	203.3			56321	☑	
135	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	202.5			56914	☑	
138	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	202.3			56956	☑	
141	ReflexEZS	Nordik Drilling	2020-12-17	-49.2	202.1			56953	☑	
144	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	202.3			56936	☑	
147	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	202.5			56919	☑	
150	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	202.4			56971	☑	
153	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	202.3			57015	☑	
156	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	202.2			56971	☑	
159	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	202.3			57028	☑	
162	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	202.3			57012	☑	

Hole: PAC-20-055

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
165	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	201.9			57000	☑	
168	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	201.8			56979	☑	
171	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	201.7			56945	☑	
174	ReflexEZS	Nordik Drilling	2020-12-17	-49.4	201.7			56962	☑	
177	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	201.8			56893	☑	
183	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	201.7			56966	☑	
189	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	201.3			56703	☑	
192	ReflexEZS	Nordik Drilling	2020-12-17	-49.3	201.8			56516	☑	

Hole: PAC-20-055

From (m)	To (m)		Rock Type & Description		
0.00	**2.20**	**CS**	**casing (no recovery)**		
Casing/overburden					
2.20	**14.90**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: alternating narrow intervals of light and dark green due to moderate epidote/silica alteration; possible pillow selvages; broken/fractured core at lower contact with felsic intrusive granodiorite					
<<Struc: 14.7 - 14.9: intense Fracture 40 deg. >> broken and fractured core at contact between mafic volcanic and intrusive tonalite					
14.90	**41.30**	**I3C**	**Granodiorite**	**light grey**	**GS2**
Intrusive Tonalite: light grey with minor pink feldspar; massive wih intrusive like texture; pink qtz vein from 31.9-32.8m; sharp lower contac with mafic dyke at 60 degrees TCA					
<<Vein: 31.9 - 32.8: 100% Quartz vein contain >90% quartz>> Pink k-spar altered qtz vein within intrusive tonalite					
<<Struc: 17.6 - 17.7: complete Fault - breccia gouge 65 deg. >> Fault with weathered breccia gouge					
<<Struc: 20.4 - 21.5: intense Fracture 35 deg. >> Fracture zone with broken core and low RQD					
41.30	**42.40**	**I1**	**Mafic intrusive**	**dark green**	**GS3**
Mafic Dyke: dark green; massive; medium to coarse grained; sharp upper (60) and lower (60) contacts					
42.40	**87.00**	**I3C**	**Granodiorite**	**light grey**	**GS2**
Intrusive Tonalite: minor pink k-spar crystals <2% up to approximately 71m with no alteration after that; light grey tonalite; massive with intrusive texture; minor interval of mafic volcanic from 83.7-84.2m; pink felsic/qtz vein from 85.5-85.8m					
<<Min: 42.4 - 44: 0.5% pyrite>> Very weak <1% disseminated PY mineralization within felsic intrusive					
<<Vein: 85.5 - 85.8: 100% Quartz vein contain >90% quartz>> pink felsic/qtz vein with strong k-spar alteration					
<<Struc: 49 - 49.7: strong Fracture 20 deg. >> intreval with broken/fractured core					
<<Struc: 49.7 - 50.6: strong Fracture 15 deg. >> low angle fracture zone					
<<Struc: 60.4 - 60.6: complete Fault - breccia gouge 30 deg. >>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
30.00	31.00	1.00	291710	0.006				
31.00	31.90	0.90	291711	0.012				
31.90	32.80	0.90	291712	0.0025				
32.80	34.00	1.20	291713	0.013				
34.00	35.00	1.00	291714	0.0025				
41.30	42.40	1.10	291715	0.0025				
42.40	43.50	1.10	291716	0.0025				
43.50	44.50	1.00	291717	0.0025				
44.50	45.50	1.00	291718	0.006				
83.70	84.20	0.50	291719	0.009				
84.20	85.00	0.80	291721	0.011				
85.00	86.00	1.00	291722	0.0025				
86.00	87.00	1.00	291723	0.0025				

Hole: PAC-20-055

From (m)	To (m)		Rock Type & Description		
87.00	90.90	E1	mafic volcanics	dark green	GS1
Mafic volcanic with 25% intrusive tonalite from 88.1-89m					
90.90	93.90	I3B	Tonalite	light grey	GS2
Intrusive tonalite with <10% mafic xenoliths that range in size from 3-15cm					
93.90	95.90	E1	mafic volcanics	medium green	GS2
Mafic Volcanic: massive; dark grey/green					
95.90	99.80	I3B	Tonalite	light grey	GS2
99.80	101.30	E1	mafic volcanics	medium green	GS1
101.30	103.70	I3B	Tonalite	light grey	GS2
Intrusive tonalite: massive; medium grained					
103.70	104.60	E1	mafic volcanics	dark green	GS1
104.60	106.10	I3B	Tonalite	light grey	GS2
106.10	109.40	E1	mafic volcanics	dark grey	GS1
Mafic Volcanic with a narrow ineterval of intrusive tonalite from 106.9-107.2m					
109.40	110.40	I3B	Tonalite	light grey	GS2
110.40	111.70	E1	mafic volcanics	dark green	GS1
Mafic Volcanic: mottled with dark and light green that has strong epidote/silica alteration					
111.70	120.10	I3B	Tonalite	light grey	GS2
Intrusive tonalite with a minor interval of mafic volcanic from 115.9-116.2m					
<<Vein: 114 - 115.7: 15% Quartz vein contain >90% quartz>> White qtz veins + veinlets at low angle within Tonalite					
120.10	126.40	E1	mafic volcanics	dark green	GS1
Mafic volcanic with intrusive tonalite from 122.9-123.5m + 123.8-125m					
<<Vein: 121.1 - 122.3: 15% Quartz vein contain >90% quartz>> Pink qtz-feldspar veins					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
114.00	115.00	1.00	291724	0.013				
115.00	116.00	1.00	291725	0.006				
116.00	117.00	1.00	291726	0.0025				

Hole: PAC-20-055

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
126.40	**185.50**	**I3B** **Tonalite**	**light grey**	**GS2**	130.00	131.50	1.50	291727	0.0025				
Tonalite: light grey with black specks; massive intrusive like texture; 15% pink qtz-feldspar veins + veinlets from 131.5-137.5m ranging in size from 2-60cm; pink fine grained qtz-feldspar vein from 165.2-166.4m													
<<Vein: 131.5 - 132.1: 100% Quartz vein contain >90% quartz>> pink qtz-feldspar vein					131.50	132.10	0.60	291728	0.0025				
<<Vein: 134.7 - 139: 10% Quartz vein contain >90% quartz>> 15% pink qtz veins with weak k-spar alteration					132.10	133.00	0.90	291729	0.0025				
<<Vein: 165.2 - 166.4: 90% Quartz vein contain >90% quartz>> Pink feldspar altered qtz vein; very fine grained					133.00	134.00	1.00	291730	0.011				
<<Vein: 177.3 - 177.5: 90% Quartz vein contain >90% quartz>> pink feldspar qtz vein					134.00	135.00	1.00	291731	0.005				
<<Vein: 178.3 - 178.6: 95% with sulphides>> qtz vein 1% py					135.00	136.00	1.00	291732	0.0025				
<<Struc: 163.9 - 164: complete Fault 50 deg. >>					136.00	137.50	1.50	291733	0.0025				
					137.50	139.00	1.50	291734	0.0025				
					163.00	164.00	1.00	291735	0.012				
					164.00	165.20	1.20	291736	0.006				
					165.20	166.40	1.20	291737	0.0025				
					166.40	167.40	1.00	291738	0.0025				
					167.40	168.40	1.00	291739	0.008				
					177.00	178.00	1.00	291741	0.0025				
					178.00	179.00	1.00	291742	0.0025				
					179.00	180.00	1.00	291743	0.0025				
					185.00	185.70	0.70	291744	0.009				
185.50	**186.90**	**E1** **mafic volcanics**	**dark green**	**GS2**	185.70	186.20	0.50	291745	0.007				
dark green fine-medium grain mafic volcanics													
					186.20	186.90	0.70	291746	0.0025				
186.90	**189.70**	**I3B** **Tonalite**	**light grey**	**GS2**									
light gray with black specks, massive texture													
					186.90	188.00	1.10	291747	0.007				
					188.00	189.00	1.00	291748	0.0025				
					189.00	189.70	0.70	291749	0.0025				
189.70	**191.40**	**E1** **mafic volcanics**	**dark green**	**GS1**									
dark green fine grain mafic volcanics, 1% Po scattered, epidote patchy alteration, 3% mag dissemenated													
					189.70	190.70	1.00	291750	0.005				

Hole: PAC-20-055

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					190.70	191.40	0.70	291751	0.006				
191.40	**195.00**	**I3B** **Tonalite**	**light grey**	**GS2**									
light gray medium grain black specks massive texture													
					191.40	192.00	0.60	291752	0.005				

End of Hole @ 195

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-056

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	JS	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**		**Date Started:**	2020-12-16	**Core Size:**	NQ
UTM East:	440646	**Azimuth:**	32	**Date Completed:**	2020-12-18	**Casing Pulled?:**	☐
UTM North:	5646369	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	400	**Length (m):**	309	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Soil sample			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
3	ReflexEZS	Nordik Drilling	2020-12-19	-49.5	32.6			57957	☑	
9	ReflexEZS	Nordik Drilling	2020-12-19	-49.5	32.5			57948	☑	
12	ReflexEZS	Nordik Drilling	2020-12-19	-49.4	32.8			58447	☑	
15	ReflexEZS	Nordik Drilling	2020-12-19	-49.5	32			58053	☑	
21	ReflexEZS	Nordik Drilling	2020-12-19	-49.4	31.7			57317	☑	
27	ReflexEZS	Nordik Drilling	2020-12-19	-49.4	32.5			56972	☑	
30	ReflexEZS	Nordik Drilling	2020-12-19	-49.4	31.4			56982	☑	
36	ReflexEZS	Nordik Drilling	2020-12-19	-49.3	32			57179	☑	
39	ReflexEZS	Nordik Drilling	2020-12-19	-49.3	31.6			57056	☑	
42	ReflexEZS	Nordik Drilling	2020-12-19	-49.3	33			56582	☑	
48	ReflexEZS	Nordik Drilling	2020-12-19	-49.2	32.7			57124	☑	
51	ReflexEZS	Nordik Drilling	2020-12-19	-49.2	32.2			57115	☑	
54	ReflexEZS	Nordik Drilling	2020-12-19	-49.2	32.3			57057	☑	

Hole: PAC-20-056

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
57	ReflexEZS	Nordik Drilling	2020-12-19	-49.2	32.4			57050	☑	
60	ReflexEZS	Nordik Drilling	2020-12-19	-49.1	32.5			57016	☑	
66	ReflexEZS	Nordik Drilling	2020-12-19	-49.1	32.5			57046	☑	
69	ReflexEZS	Nordik Drilling	2020-12-19	-49.1	32.6			57056	☑	
72	ReflexEZS	Nordik Drilling	2020-12-19	-49.1	32.5			57074	☑	
81	ReflexEZS	Nordik Drilling	2020-12-19	-49.1	32.9			57035	☑	
84	ReflexEZS	Nordik Drilling	2020-12-19	-49.1	33.2			57126	☑	
90	ReflexEZS	Nordik Drilling	2020-12-19	-49	33.3			57098	☑	
93	ReflexEZS	Nordik Drilling	2020-12-19	-49	32.9			57029	☑	
96	ReflexEZS	Nordik Drilling	2020-12-19	-48.9	33			57085	☑	
99	ReflexEZS	Nordik Drilling	2020-12-19	-48.9	33.2			57059	☑	
102	ReflexEZS	Nordik Drilling	2020-12-19	-48.8	32.8			56935	☑	
108	ReflexEZS	Nordik Drilling	2020-12-19	-48.7	33.2			57035	☑	
111	ReflexEZS	Nordik Drilling	2020-12-19	-48.7	33.1			57064	☑	
114	ReflexEZS	Nordik Drilling	2020-12-19	-48.7	33.2			57005	☑	
120	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	33			57068	☑	
123	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	33			57009	☑	
126	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	32.9			57089	☑	
129	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33			57061	☑	
132	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	33.2			57041	☑	
135	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	33.2			57040	☑	
138	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	33.3			57066	☑	
141	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.3			57004	☑	
144	ReflexEZS	Nordik Drilling	2020-12-19	-48.6	33.3			57015	☑	

Hole: PAC-20-056

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
147	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.3			57026	☑	
150	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.4			57096	☑	
153	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.4			57107	☑	
159	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.6			56904	☑	
162	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.3			57126	☑	
165	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.3			57092	☑	
168	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.4			57112	☑	
171	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.4			57129	☑	
174	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.5			57133	☑	
177	ReflexEZS	Nordik Drilling	2020-12-19	-48.5	33.6			57125	☑	
180	ReflexEZS	Nordik Drilling	2020-12-19	-48.4	33.5			57129	☑	
183	ReflexEZS	Nordik Drilling	2020-12-19	-48.4	33.6			57138	☑	
186	ReflexEZS	Nordik Drilling	2020-12-19	-48.4	33.6			57116	☑	
189	ReflexEZS	Nordik Drilling	2020-12-19	-48.4	33.9			57116	☑	
195	ReflexEZS	Nordik Drilling	2020-12-19	-48.3	33.7			57041	☑	
198	ReflexEZS	Nordik Drilling	2020-12-19	-48.3	34			57035	☑	
201	ReflexEZS	Nordik Drilling	2020-12-19	-48.2	33.8			57037	☑	
207	ReflexEZS	Nordik Drilling	2020-12-19	-48.1	33.9			57025	☑	
210	ReflexEZS	Nordik Drilling	2020-12-19	-48	34			57032	☑	
213	ReflexEZS	Nordik Drilling	2020-12-19	-48	33.9			57019	☑	
216	ReflexEZS	Nordik Drilling	2020-12-19	-47.9	33.9			57027	☑	
219	ReflexEZS	Nordik Drilling	2020-12-19	-47.8	34			57020	☑	
222	ReflexEZS	Nordik Drilling	2020-12-19	-47.8	33.9			57013	☑	
225	ReflexEZS	Nordik Drilling	2020-12-19	-47.7	34			57037	☑	

Hole: PAC-20-056

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
228	ReflexEZS	Nordik Drilling	2020-12-19	-47.6	34			57014	☑	
231	ReflexEZS	Nordik Drilling	2020-12-19	-47.5	33.9			57001	☑	
234	ReflexEZS	Nordik Drilling	2020-12-19	-47.5	33.8			57015	☑	
237	ReflexEZS	Nordik Drilling	2020-12-19	-47.4	33.9			56980	☑	
240	ReflexEZS	Nordik Drilling	2020-12-19	-47.3	33.8			56970	☑	
243	ReflexEZS	Nordik Drilling	2020-12-19	-47.2	33.9			56977	☑	
246	ReflexEZS	Nordik Drilling	2020-12-19	-47.2	34			56997	☑	
249	ReflexEZS	Nordik Drilling	2020-12-19	-47.1	33.8			57015	☑	
252	ReflexEZS	Nordik Drilling	2020-12-19	-47	33.8			57033	☑	
255	ReflexEZS	Nordik Drilling	2020-12-19	-46.9	33.7			57153	☑	
258	ReflexEZS	Nordik Drilling	2020-12-19	-46.9	33.7			57005	☑	
261	ReflexEZS	Nordik Drilling	2020-12-19	-46.8	33.7			56974	☑	
264	ReflexEZS	Nordik Drilling	2020-12-19	-46.7	33.4			57004	☑	
267	ReflexEZS	Nordik Drilling	2020-12-19	-46.6	33.4			56977	☑	
270	ReflexEZS	Nordik Drilling	2020-12-19	-46.5	33.4			56978	☑	
273	ReflexEZS	Nordik Drilling	2020-12-19	-46.5	33.3			56982	☑	
276	ReflexEZS	Nordik Drilling	2020-12-19	-46.4	33.5			56990	☑	
279	ReflexEZS	Nordik Drilling	2020-12-19	-46.3	33.3			56976	☑	
282	ReflexEZS	Nordik Drilling	2020-12-19	-46.3	33.6			56996	☑	
285	ReflexEZS	Nordik Drilling	2020-12-19	-46.3	33.1			56892	☑	
288	ReflexEZS	Nordik Drilling	2020-12-19	-46.2	33.3			57102	☑	
294	ReflexEZS	Nordik Drilling	2020-12-19	-46.1	33.4			56955	☑	
297	ReflexEZS	Nordik Drilling	2020-12-19	-46	33.3			56921	☑	
303	ReflexEZS	Nordik Drilling	2020-12-19	-45.8	33.4			57000	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
306	ReflexEZS	Nordik Drilling	2020-12-19	-45.7	33.3			57000	☑	
309	ReflexEZS	Nordik Drilling	2020-12-19	-45.7	33.2			57000	☑	

Hole: PAC-20-056

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**CS**	**casing (no recovery)**											
3.00	**8.90**	**I3A1**	**Alkali Feldspar Granite**	**"reddish"**	**GS3**	7.15	8.00	0.85	291753	0.0025				
coarse grain kspar altared granite pinkish in color, 35% blocky ground														
<<Min: 8.1 - 14.15: 2% pyrite>>						8.00	9.00	1.00	291754	0.034				
8.90	**12.30**	**I2H**	**Syenite**	**"reddish"**	**GS1**									
kspar/silica altered reddish fine grain syenite/vein, breccia infilled with epidote at upper and lower contact. Xenoliths AFG. 2% fine grain Py														
						9.00	10.00	1.00	291755	0.0025				
						10.00	11.00	1.00	291756	0.009				
						11.00	12.30	1.30	291757	0.015				
						12.30	13.00	0.70	291758	0.0025				
12.30	**51.60**	**I3A**	**Granite**	**"reddish"**	**GS3**	13.00	14.20	1.20	291759	0.0025				
coarse grain granite some potass altered patches some large mafic xenolithes, 5% pinkish veining wih py														
<<Alt: 35.5 - 36.2: intense Epidote>> Epoidote altered Xenolith						14.20	15.00	0.80	291761	0.0025				
<<Vein: 29.6 - 29.7: 100% with sulphides>>						29.00	29.60	0.60	291762	0.0025				
<<Vein: 30.8 - 30.9: 100% with sulphides>>						29.60	30.50	0.90	291763	0.0025				
<<Vein: 32.2 - 33.27: 100% with sulphides>>						30.50	31.50	1.00	291764	0.0025				
						31.50	32.20	0.70	291765	0.0025				
						32.20	33.27	1.07	291766	0.0025				
						33.27	34.00	0.73	291767	0.007				
						34.00	35.00	1.00	291768	0.0025				
						35.00	36.20	1.20	291769	0.005				
						36.20	37.00	0.80	291770	0.0025				
						51.00	51.60	0.60	291771	0.0025				
51.60	**52.70**	**E1**	**mafic volcanics**	**dark green**	**GS1**									
medium grain silica altered mafic volcanics, 5% Py														
						51.60	52.70	1.10	291772	0.012				
						52.70	54.00	1.30	291773	0.0025				
52.70	**78.90**	**I3A**	**Granite**	**"reddish"**	**GS3**	67.00	67.50	0.50	291774	0.0025				
coarse grain garnite some potas aleration, few pinkish kspar altered veins														

Hole: PAC-20-056

From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Vein: 67.74 - 67.9: 45% with sulphides>>						67.50	68.00	0.50	291775	0.0025				
<<Vein: 75 - 75.12: 65% with sulphides>>						68.00	68.50	0.50	291776	0.0025				
						74.50	75.00	0.50	291777	0.0025				
						75.00	75.50	0.50	291778	0.0025				
78.90	**133.60**	**I3B**	**Tonalite**	**light grey**	**GS3**	82.00	82.80	0.80	291779	0.0025				
coarse grain tonalite some mafic xenoliths, few pinkish veins 1% Py,96.5-101.5 10% fractures infilled with epidote														
<<Min: 82.8 - 84: 1% pyrite>>						82.80	84.00	1.20	291781	0.0025				
<<Alt: 82.8 - 84: strong Silicification>> folded swirled texture						84.00	84.50	0.50	291782	0.0025				
<<Alt: 87.4 - 91.3: strong K-feldspar / moderate Hematitic>>						84.50	85.60	1.10	291783	0.0025				
<<Alt: 114 - 132: strong K-feldspar>>						85.60	86.10	0.50	291784	0.0025				
<<Vein: 85.6 - 86.1: 100% with sulphides>>						86.10	87.00	0.90	291785	0.0025				
<<Vein: 123.8 - 123.9: 100% Quartz vein contain >90% quartz>>						123.00	124.00	1.00	291786	0.0025				
<<Struc: 123.9 - 124: strong Joint 25 deg. >> water seem						124.00	125.00	1.00	291787	0.0025				
						125.00	126.00	1.00	291788	0.0025				
133.60	**134.90**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
medium grain dark green mafic intrusive														
134.90	**176.00**	**I3B**	**Tonalite**	**light grey**	**GS3**									
coarse grain light gray some kspar altered patches tonalite, 5% mafic xenoliths														
<<Alt: 170.8 - 183: strong K-feldspar>>														
<<Vein: 163.3 - 163.57: 30% with sulphides>>														
<<Vein: 164.07 - 164.15: 100% Quartz vein contain >90% quartz>>														
<<Vein: 168.9 - 169.15: 100% with sulphides>> Pinkish kspar/hematite Qtz vein 1% Py														
<<Vein: 172.07 - 172.2: 100% with sulphides>> Pinkish kspar/hematite Qtz vein 1% Py														
<<Vein: 173.06 - 173.78: 100% with sulphides>> Pinkish kspar/hematite qtz vein 1% Py														
						162.00	163.00	1.00	291789	0.006				
						163.00	164.00	1.00	291790	0.0025				
						164.00	165.00	1.00	291791	0.0025				
						165.00	166.00	1.00	291792	0.0025				
						166.00	167.00	1.00	291793	0.0025				
						167.00	168.00	1.00	291794	0.0025				

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From (m)	To (m)		Rock Type & Description		
176.00	**183.00**	**I3B**	**Tonalite**	**"reddish"**	**GS3**
5% qtz veining in a kspar/hematite altered tonalite25% blocky ground, 3% Diss fine grain Py					
<<Min: 176 - 183: 3% pyrite>>					
183.00	**188.00**	**E1**	**mafic volcanics**	**"reddish"**	**GS1**
65% Qtz vein Hematite/limonite intense faulting almost graval, white qtz/cross cutting gray Qtz					
188.00	**210.00**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**
20% epidote infilled fractures, fine grain mafic volcanics, Epidote patces, Kspar/hematite alteration.blocky ground to 202					
<<Min: 196.6 - 197.5: 2% pyrite>>					
<<Alt: 188 - 203: moderate K-feldspar / moderate K-feldspar>>					
<<Vein: 188 - 189.5: 30% with sulphides>>					
<<Vein: 198.4 - 198.5: 60% Quartz vein contain >90% quartz>>					
<<Vein: 202.15 - 202.19: 100% with sulphides>> pinkish hem stained Qtz vein					
<<Vein: 206.07 - 206.24: 60% with sulphides>> Pinkish hem stained Qtz vein					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
168.00	169.15	1.15	291795	0.0025				
169.15	170.00	0.85	291796	0.0025				
170.00	171.00	1.00	291797	0.0025				
171.00	172.00	1.00	291798	0.0025				
172.00	173.00	1.00	291799	0.0025				
173.00	174.00	1.00	291801	0.0025				
174.00	175.00	1.00	291802	0.008				
175.00	176.00	1.00	291803	0.0025				
176.00	177.00	1.00	291804	0.0025				
177.00	178.00	1.00	291805	0.0025				
178.00	179.00	1.00	291806	0.0025				
179.00	180.00	1.00	291807	0.0025				
180.00	181.00	1.00	291808	0.0025				
181.00	182.00	1.00	291809	0.0025				
182.00	183.00	1.00	291810	0.01				
183.00	184.00	1.00	291811	0.0025				
184.00	185.00	1.00	291812	0.0025				
185.00	186.00	1.00	291813	0.0025				
186.00	187.00	1.00	291814	0.0025				
187.00	188.00	1.00	291815	0.0025				
188.00	189.00	1.00	291816	0.0025				
189.00	190.00	1.00	291817	0.0025				
190.00	191.00	1.00	291818	0.0025				
191.00	192.00	1.00	291819	0.005				
192.00	193.00	1.00	291821	0.0025				
193.00	194.00	1.00	291822	0.0025				
194.00	195.00	1.00	291823	0.0025				

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
						195.00	196.00	1.00	291824	0.009				
						196.00	197.00	1.00	291825	0.011				
						197.00	197.50	0.50	291826	0.0025				
						197.50	198.00	0.50	291827	0.005				
						198.00	199.00	1.00	291828	0.0025				
						199.00	200.00	1.00	291829	0.0025				
						200.00	201.00	1.00	291830	0.0025				
						201.00	202.00	1.00	291831	0.0025				
						202.00	203.00	1.00	291832	0.0025				
						203.00	204.00	1.00	291833	0.0025				
						204.00	205.00	1.00	291834	0.008				
						205.00	206.00	1.00	291835	0.0025				
						206.00	207.00	1.00	291836	0.0025				
						207.00	208.00	1.00	291837	0.0025				
210.00	**306.90**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**	221.00	222.00	1.00	291838	0.0025				
Fine grain mafic volcanics, patchtches of kspar alteration														
<<Min: 280.2 - 286.8: 2% pyrite>>						222.00	223.00	1.00	291839	0.006				
<<Alt: 277 - 280.3: moderate K-feldspar>> Coarse Kspar grain						223.00	224.00	1.00	291841	0.016				
<<Alt: 286 - 288: strong Carbonate>>						228.00	229.00	1.00	291842	0.0025				
<<Vein: 222.05 - 222.2: 95% with sulphides>> Pinkish hematite Qtz vein 1% Py						229.00	230.00	1.00	291843	0.0025				
<<Vein: 222.67 - 222.7: 85% with sulphides>> Pinkish hematite Qtz vein						230.00	231.00	1.00	291844	0.0025				
<<Vein: 230.2 - 230.27: 100% with sulphides>>						239.00	240.00	1.00	291845	0.0025				
<<Vein: 240.32 - 240.48: 65% with sulphides>> Pinkish Qtz vein with 0.5% Py						240.00	241.00	1.00	291846	0.0025				
<<Vein: 248.44 - 248.49: 95% with sulphides>>						241.00	242.00	1.00	291847	0.0025				
<<Vein: 297.7 - 297.8: 35% with sulphides>>						247.00	248.00	1.00	291848	0.0025				
<<Struc: 261.8 - 262.4: strong Joint 35 deg. >> Water seem						248.00	249.00	1.00	291849	0.0025				
<<Struc: 287.2 - 287.3: Joint>>						249.00	250.00	1.00	291850	0.0025				
						261.10	261.80	0.70	291851	0.0025				
						261.80	262.40	0.60	291852	0.0025				
						262.40	263.00	0.60	291853	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					279.00	280.00	1.00	291854	0.0025				
					280.00	281.00	1.00	291855	0.0025				
					281.00	282.00	1.00	291856	0.007				
					282.00	283.00	1.00	291857	0.0025				
					283.00	284.00	1.00	291858	0.0025				
					284.00	285.00	1.00	291859	0.0025				
					285.00	286.00	1.00	291861	0.0025				
					286.00	287.00	1.00	291862	0.0025				
					287.00	288.00	1.00	291863	0.0025				
					297.00	297.50	0.50	291864	0.0025				
					297.50	298.00	0.50	291865	0.0025				
					298.00	298.50	0.50	291866	0.0025				
306.90	**307.50**	**I0E**	**Lamprophyre**	**dark grey**	**GS2**								
Medium grain lamp, disking													
307.50	**309.00**	**E1**	**mafic volcanics**	**"blueish"**	**GS1**								
Fine grain mafic volcanics EOH													

End of Hole @ 309

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-20-057

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2021-01-07	**Core Size:**	NQ
UTM East:	440492	**Azimuth:**	305	**Date Completed:**	2021-01-16	**Casing Pulled?:**	☐
UTM North:	5644923	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	410	**Length (m):**	639	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Boyden			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		Planned drillhole name BOY025					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
21	Reflex			-50.7	304.9			57953	☑	
24	Reflex			-50.6	305.7			57760	☑	
27	Reflex			-50.5	306			57639	☑	
33	Reflex			-50.3	305.5			57282	☑	
36	Reflex			-50.3	305.1			57290	☑	
42	Reflex			-50.1	305.9			57398	☑	
75	Reflex			-50.1	305.5			56330	☑	
78	Reflex			-50	306.4			56904	☑	
84	Reflex			-50.2	305.2			57150	☑	
90	Reflex			-50.2	305.2			57047	☑	
93	Reflex			-50	305.8			56985	☑	
96	Reflex			-50	305.9			56961	☑	

Hole: PAC-20-057

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
99	Reflex			-50	306.1			56929	☑	
102	Reflex			-50.2	305.8			56931	☑	
105	Reflex			-50	306.3			56926	☑	
108	Reflex			-50	306.7			56958	☑	
111	Reflex			-50	306.6			56969	☑	
114	Reflex			-50	306.6			56983	☑	
120	Reflex			-50.1	306.7			57001	☑	
123	Reflex			-50.1	306.9			57036	☑	
129	Reflex			-50	307			57091	☑	
132	Reflex			-50.1	306.7			57146	☑	
135	Reflex			-50	306.9			57153	☑	
138	Reflex			-50	307			57084	☑	
144	Reflex			-50.1	306.8			57141	☑	
147	Reflex			-50	307			57169	☑	
150	Reflex			-50.1	307			57192	☑	
153	Reflex			-50	307			57152	☑	
156	Reflex			-50	306.6			57128	☑	
159	Reflex			-50	306.7			57144	☑	
162	Reflex			-50	306.1			57129	☑	
165	Reflex			-49.9	306.6			57144	☑	
168	Reflex			-49.9	306.7			57133	☑	
171	Reflex			-49.8	306.3			57104	☑	
174	Reflex			-49.7	306.2			57115	☑	
177	Reflex			-49.7	306.3			57119	☑	

Hole: PAC-20-057

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
180	Reflex			-49.7	306.6			57140	☑	
183	Reflex			-49.6	306.4			57243	☑	
189	Reflex			-49.6	306.9			56875	☑	
192	Reflex			-49.5	306.3			56909	☑	
195	Reflex			-49.5	305.7			57051	☑	
198	Reflex			-49.4	306.7			57265	☑	
201	Reflex			-49.4	307.2			57238	☑	
204	Reflex			-49.4	306.7			57229	☑	
207	Reflex			-49.3	307.1			57239	☑	
210	Reflex			-49.4	307			57240	☑	
213	Reflex			-49.3	306.4			57040	☑	
216	Reflex			-49.3	306.6			57205	☑	
219	Reflex			-49.3	306.5			57178	☑	
222	Reflex			-49.3	306.5			57179	☑	
225	Reflex			-49.3	306.5			57115	☑	
228	Reflex			-49.2	306.7			57194	☑	
234	Reflex			-49.2	306.3			57010	☑	
243	Reflex			-49.2	306.9			57245	☑	
246	Reflex			-49.2	307.3			56981	☑	
249	Reflex			-49.1	307.5			57081	☑	
252	Reflex			-49	307.5			57070	☑	
255	Reflex			-49	307.5			57053	☑	
258	Reflex			-48.9	307.7			57024	☑	
261	Reflex			-48.8	308			57032	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
267	Reflex			-48.7	308.1			57020	☑	
270	Reflex			-48.7	308.1			57049	☑	
273	Reflex			-48.7	308.2			57039	☑	
276	Reflex			-48.6	308.2			57033	☑	
279	Reflex			-48.6	308.3			57047	☑	
282	Reflex			-48.5	308.3			57021	☑	
285	Reflex			-48.5	308.7			57106	☑	
288	Reflex			-48.6	308.6			57132	☑	
291	Reflex			-48.5	308.9			57124	☑	
297	Reflex			-48.5	309.3			57136	☑	
300	Reflex			-48.4	309.5			57142	☑	
303	Reflex			-48.4	309.7			57079	☑	
306	Reflex			-48.4	310			57136	☑	
309	Reflex			-48.3	310			57180	☑	
312	Reflex			-48.2	310.4			57103	☑	
315	Reflex			-48.3	310.3			57125	☑	
318	Reflex			-48.2	310.2			57222	☑	
324	Reflex			-48.2	310.4			57140	☑	
327	Reflex			-48.1	310.4			57167	☑	
330	Reflex			-48.1	310.3			57146	☑	
333	Reflex			-48.1	310.1			57148	☑	
336	Reflex			-48	310.2			57147	☑	
339	Reflex			-48.1	310.4			57221	☑	
342	Reflex			-48.1	310.5			57129	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
345	Reflex			-48	310.4			57149	☑	
348	Reflex			-48	310.7			57117	☑	
357	Reflex			-47.9	310.8			57106	☑	
360	Reflex			-47.9	310.6			57069	☑	
363	Reflex			-47.9	310.9			57072	☑	
366	Reflex			-47.9	310.9			57122	☑	
369	Reflex			-47.8	310.8			57114	☑	
372	Reflex			-47.8	310.9			57107	☑	
375	Reflex			-47.8	311			57124	☑	
378	Reflex			-47.8	311.1			57107	☑	
381	Reflex			-47.8	311.1			57108	☑	
384	Reflex			-47.8	311			57117	☑	
387	Reflex			-47.8	311.1			57267	☑	
390	Reflex			-47.8	311			57124	☑	
396	Reflex			-47.7	311.2			57155	☑	
399	Reflex			-47.7	311.1			57169	☑	
402	Reflex			-47.7	311.3			57147	☑	
405	Reflex			-47.7	311.5			57182	☑	
408	Reflex			-47.7	311.6			57171	☑	
411	Reflex			-47.7	311.7			57162	☑	
414	Reflex			-47.7	311.7			57167	☑	
417	Reflex			-47.7	311.7			57188	☑	
420	Reflex			-47.6	311.8			57191	☑	
423	Reflex			-47.6	311.9			57207	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
426	Reflex			-47.6	312			57211	☑	
429	Reflex			-47.6	311.9			57171	☑	
432	Reflex			-47.6	312			57206	☑	
435	Reflex			-47.6	312			57179	☑	
438	Reflex			-47.6	312.1			57240	☑	
441	Reflex			-47.6	312.1			57226	☑	
444	Reflex			-47.6	312.3			57232	☑	
447	Reflex			-47.6	312.2			57246	☑	
450	Reflex			-47.6	312.2			57248	☑	
453	Reflex			-47.6	312.4			57269	☑	
456	Reflex			-47.6	312			57111	☑	
459	Reflex			-47.5	312.5			57303	☑	
462	Reflex			-47.6	312.5			57283	☑	
465	Reflex			-47.6	312.6			57294	☑	
468	Reflex			-47.6	312.8			57315	☑	
471	Reflex			-47.7	312.8			57322	☑	
474	Reflex			-47.7	312.9			57349	☑	
477	Reflex			-47.7	313			57384	☑	
480	Reflex			-47.7	313			57405	☑	
483	Reflex			-47.7	313.2			57419	☑	
486	Reflex			-47.8	313.3			57453	☑	
489	Reflex			-47.7	313.4			57476	☑	
492	Reflex			-47.8	313.4			57500	☑	
495	Reflex			-47.8	313.5			57525	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
498	Reflex			-47.8	313.7			57540	☑	
501	Reflex			-47.8	313.7			57552	☑	
504	Reflex			-47.8	313.9			57571	☑	
507	Reflex			-47.8	314			57627	☑	
510	Reflex			-47.7	314.5			57651	☑	
516	Reflex			-47.8	314.2			57664	☑	
519	Reflex			-47.8	314.2			57638	☑	
522	Reflex			-47.8	314.2			57643	☑	
525	Reflex			-47.8	314.3			57634	☑	
528	Reflex			-47.8	314.1			57607	☑	
531	Reflex			-47.8	314.2			57647	☑	
534	Reflex			-47.8	314.6			57622	☑	
537	Reflex			-47.8	314.7			57632	☑	
540	Reflex			-47.8	314.7			57628	☑	
543	Reflex			-47.8	314.8			57634	☑	
546	Reflex			-47.8	314.9			57612	☑	
549	Reflex			-47.8	315.1			57624	☑	
552	Reflex			-47.7	315.3			57658	☑	
555	Reflex			-47.7	315.4			57663	☑	
558	Reflex			-47.8	315.4			57684	☑	
561	Reflex			-47.7	315.4			57688	☑	
564	Reflex			-47.8	315.5			57681	☑	
567	Reflex			-47.7	315.7			57698	☑	
570	Reflex			-47.7	315.8			57693	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
573	Reflex			-47.7	315.9			57700	☑	
576	Reflex			-47.6	315.9			57724	☑	
579	Reflex			-47.7	315.9			57715	☑	
582	Reflex			-47.6	316			57738	☑	
585	Reflex			-47.6	316.1			57732	☑	
588	Reflex			-47.5	316.2			57719	☑	
591	Reflex			-47.5	316.4			57723	☑	
594	Reflex			-47.5	316.5			57737	☑	
597	Reflex			-47.4	316.5			57727	☑	
600	Reflex			-47.4	316.7			57769	☑	
603	Reflex			-47.4	316.6			57775	☑	
606	Reflex			-47.3	316.8			57829	☑	
609	Reflex			-47.3	316.6			57874	☑	
612	Reflex			-47.3	317.3			57812	☑	
615	Reflex			-47.3	316.9			57909	☑	
618	Reflex			-47.2	316.9			57933	☑	
621	Reflex			-47.2	316.9			57906	☑	
624	Reflex			-47.2	316.9			57923	☑	
627	Reflex			-47.2	316.6			57894	☑	
630	Reflex			-47.1	316.2			57778	☑	
633	Reflex			-47.1	316.1			57627	☑	
636	Reflex			-47	316			57510	☑	

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**CS**	**casing (no recovery)**										
Overburden/Casing													
3.00	**16.60**	**I1A**	**Gabbro**	**"greenish" GS3**									
Intrusive Gabbro: 40% light grey/white plagioclase and pink feldspar as 1-2mm sized crystals; patches of stronger pink k-spar aleration; massive; coarse grained; sharp lower contact with mafic dyke													
<<Alt: 3 - 24: weak K-feldspar>> Pink k-spar alteration as 15% specks throughout interval													
16.60	**17.30**	**I1**	**Mafic intrusive**	**dark grey GS1**									
Mafic dyke: dark grey; massive; fine to medium grained													
17.30	**18.40**	**I1A**	**Gabbro**	**"reddish" GS3**									
Gabbro: coarse grained; massive; strong 10% pink k-spar alteration as 1mm size crystals													
18.40	**19.20**	**I1**	**Mafic intrusive**	**dark grey GS2**									
Mafic Dyke: dark grey; massive; medium grained; sharp upper (70) and lower contacts (75)													
19.20	**28.60**	**I1A**	**Gabbro**	**dark grey GS3**	27.50	28.60	1.10	291867	0.0025				
Gabbro/diorite intrusive with approximately 50/50% of each; dark grey with 50% specks of white; weak pink k-spar alteration as crystals <10%													
					28.60	29.80	1.20	291868	0.0025				
28.60	**29.80**	**V3**	**Quartz vein contain >90% quartz**	**"reddish" GS3**									
K-spar altered quartz vein; pink due to alteration; sharp upper (65) and lower (70) contacts; trace% PY mineralization as minor specks													
<<Min: 28.6 - 29.8: 0.5% pyrite>> Trace% mineralization within k-spar altered vein													
<<Alt: 28.6 - 29.8: moderate K-feldspar>>													
<<Vein: 28.6 - 29.8: 100% Quartz vein contain >90% quartz>> Pink k-spar altered quartz vein													
29.80	**59.10**	**I1A**	**Gabbro**	**medium grey GS3**									
Intrusive Gabbro (possible diorite in minor patches): approximately 40% dark grey + massive mafic xenoliths ranging in size from 0.2 - 1.1m;													
<<Min: 33.6 - 34.5: 1% pyrite>>													
<<Min: 35.2 - 35.8: 0.5% pyrite>> Trace% PY mineralization within silica alteration.													
<<Alt: 33.6 - 34.5: intense Silicification>>													
<<Alt: 35.2 - 35.8: moderate Silicification>>													
					29.80	31.00	1.20	291869	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					31.00	32.50	1.50	291870	0.0025				
					32.50	33.60	1.10	291871	0.0025				
					33.60	34.50	0.90	291872	0.0025				
					34.50	35.80	1.30	291873	0.0025				
					35.80	37.00	1.20	291874	0.0025				
					58.00	59.10	1.10	291875	0.0025				
59.10	**60.40**	**I3A**	**Granite**	**"reddish"** **GS1**									
Granite/feldspar dyke: pink colour; fine grained; massive; sharp upper (70) and lower (50) contacts													
					59.10	60.40	1.30	291876	0.0025				
					60.40	61.50	1.10	291877	0.0025				
60.40	**123.30**	**I1A**	**Gabbro**	**dark green** **GS4**	77.00	78.00	1.00	291878	0.0025				
Gabbro: very coarse grained pyroxene crystals up to 2cm in size; interval up to 60% of the very coarse grained crystals; <15% narrow 2-10cm wide pink k-spar altered felsic intrusive viens with some minor intervals of matrix felsic replacement supporting coarse grained pyroxene cyrstals. Undefined and gradational lower contact with finer grained tonalite/gabbro unit. Approximately 20% pink k-spar altered veins and veinlets throughout interval ranging in size from 2-40cm.													
<<Vein: 90 - 129: 10% Quartz vein contain >90% quartz>> narrow veinlets and veins of pink k-spar altered quartz					78.00	79.00	1.00	291879	0.0025				
<<Struc: 63.1 - 63.5: intense Fracture 20 deg. >> minor fracture zone					79.00	80.00	1.00	291881	0.0025				
					80.00	81.00	1.00	291882	0.0025				
					81.00	82.00	1.00	291883	0.0025				
					82.00	83.00	1.00	291884	0.0025				
					83.00	84.00	1.00	291885	0.0025				
123.30	**139.90**	**I1A**	**Gabbro**	**dark green** **GS3**	125.00	126.00	1.00	291886	0.0025				
Gabbro: coarse grained with 25% intercalated intervals of more felsic intrusive tonalite; contacts between the two lithologies is gradational; minor pink feldspar altered dyke from 130.7-131.4m.													
<<Min: 126.9 - 127.5: 0.5% pyrite>> trace% PY mineralization within late k-spar altered vein					126.00	127.00	1.00	291887	0.0025				
<<Min: 130.7 - 131.4: 0.5% pyrite>>					127.00	127.50	0.50	291888	0.059				
					127.50	128.50	1.00	291889	0.011				
					128.50	129.50	1.00	291890	0.031				
					129.50	130.70	1.20	291891	0.0025				
					130.70	131.40	0.70	291892	0.0025				
					131.40	132.50	1.10	291893	0.011				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
139.90	**183.90**	**I3B**	**Tonalite**	**"reddish" GS3**									
Intrusive tonalite: dark grey with 30% specks of pink/red k-spar and with plagioclase; <5% 5-10cm wide mafic xenoliths throughout interval													
<<Min: 150.4 - 150.8: 0.5% pyrite>>													
<<Min: 178.2 - 178.8: 0.5% pyrite>>													
<<Alt: 178.2 - 178.8: moderate Silicification>>													
<<Vein: 150.4 - 150.8: 100% Quartz vein contain >90% quartz>> Pink quartz vein with moderate k-spar alteration													
<<Struc: 153.5 - 153.6: strong Fault 40 deg. >> Fault with green epidote gouge													
					149.50	150.40	0.90	291894	0.0025				
					150.40	151.00	0.60	291895	0.0025				
					151.00	152.00	1.00	291896	0.0025				
					152.00	153.00	1.00	291897	0.0025				
					176.00	177.00	1.00	291898	0.035				
					177.00	178.20	1.20	291899	0.031				
					178.20	178.80	0.60	291901	0.0025				
					178.80	180.00	1.20	291902	0.0025				
					180.00	181.00	1.00	291903	0.0025				
183.90	**185.60**	**I1A**	**Gabbro**	**dark green GS2**									
185.60	**191.00**	**I3B**	**Tonalite**	**"reddish" GS3**									
Intrusive Tonalite: massive; medium to coarse grained; <10% dark grey altered mafic xenoliths													
191.00	**192.00**	**I1A**	**Gabbro**	**dark grey GS2**									
minor unit of massive, medium grained gabbro													
192.00	**220.40**	**I3B**	**Tonalite**	**"reddish" GS3**									
Predominantely Tonalite with approximately 30% intercalated intervals of intrusive ultramafic gabbro as xenolith clasts. Gradational lower contact with peridotite.													
220.40	**230.40**	**I1A**	**Gabbro**	**dark grey GS4**									
Ultramafic Gabbro/Peridotite: Dark grey/green; massive; very coarse grained pyroxene; 30% elongated white plagioclase cyrstals from 220.4-224m; moderate magnetism throughout interval; Gradational lower contact with tonalite.													
230.40	**248.00**	**I3B**	**Tonalite**	**medium grey GS2**									
Tonalite: intercalated intrusive gabbro of 15% from 230.4-233m; minor mafic dyke from 236.3-236.6m; 20% mafic xenoliths from 233-248.7m ranging in size from 0.5-0.3m													

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
248.00	**249.70**	**I1 Mafic intrusive dark grey GS1**									
Mafic Dyke: dark grey; massive; fine grained; sharp upper (10) and lower (55) contacts											
249.70	**309.70**	**I3B Tonalite medium grey GS2**									
Intrusive Tonalite: dark grey with specks of white and red k-spar; narrow intervals of strong red k-spar alteration; two narrow late quartz veins at 289.5-289.6m and 290.8-290.9m. Sharp lower contact with mafic intrusive at 55 degrees.											
<<Vein: 289.5 - 289.6: 100% Quartz vein contain >90% quartz>> minor late quartz vein with red k-spar alteration.											
<<Vein: 290.8 - 290.9: 100% Quartz vein contain >90% quartz>> late quartz vein with red k-spar alteration; chill margins on both upper and lower contacts											
<<Struc: 271 - 271.1: intense Fault 45 deg. >> minor fault with green epidote gouge approximately 2cm wide											
<<Struc: 281 - 281.1: complete Fault 60 deg. >> minor fault 5mm in width											
			288.00	289.60	1.60	291904	0.0025				
			289.60	290.50	0.90	291905	0.0025				
			290.50	291.00	0.50	291906	0.02				
			291.00	292.00	1.00	291907	0.0025				
309.70	**310.90**	**I1 Mafic intrusive dark grey GS1**									
Mafic intrusive: fine grained; massive; sharp upper (55) and lower (45) contacts. Finer grained intrusive than the tonalite.											
310.90	**312.20**	**I3B Tonalite light grey GS2**									
Intrusive tonalite: white/light grey; massive; medium grained											
312.20	**312.80**	**I1 Mafic intrusive medium grey GS1**									
Mafic Intrusive: minor interval of more mafic intrusive within the felsic tonalite; massive; fine grained; sharp upper (85) and lower (85) contacts											
312.80	**342.70**	**I3B Tonalite light grey GS2**									
Tonalite: intrusive with massive texture; medium to coarse grained; white/black colour; minor (<10%) patches/intervals of pink k-spar alteration as white plagioclase crystals altered to pink/red k-spar.											
342.70	**346.50**	**I1A Gabbro dark green GS4**									
Gabbro: minor interval with coarse grained, massive; dark green colour; minor very fine grained, pink, felsic dyke from 343.4-343.8m.											
346.50	**361.00**	**I3B Tonalite light grey GS3**									
Tonalite: massvie with intrusive texture; medium to coarse grained; 30% patches of pink k-spar replacing the white plagioclase; sharp upper contact with the gabbro at 40 degrees TCA.											

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
361.00	**383.30**	**I1A** **Gabbro**	**dark green**	**GS4**	382.00	383.30	1.30	291908	0.0025				
Intrusive Gabbro: very coarse grained with up to 60% 4-8mm euhedral pyroxene crystals; minor intervals where the matrix has been replaced by felsic intrusive; very weak magnetism; Sharp lower contact with felsic/mafic dyke at 50 degrees TCA													
383.30	**385.30**	**I3** **Felsic intrusive**	**"reddish"**	**GS1**									
Felsic (50%)/Mafic Dyke(50%): Intercalated mafic and felsic intrusive dyke; fine grained; massive; felsic is pink with strong k-spar; mafic is dark grey; sharp upper (50) and lower (50) contacts													
					383.30	384.30	1.00	291909	0.0025				
					384.30	385.30	1.00	291910	0.0025				
385.30	**396.30**	**I1A** **Gabbro**	**dark green**	**GS4**									
Intrusive Gabbro: 60% very coarse grained euhedral pyroxene crystals 4-10mm; matrix supported predominantely mafic with minor intervals of late felsic replacement; <2-3% quartz veins 0.1-0.15 m in width													
					385.30	386.00	0.70	291911	0.0025				
					394.00	395.00	1.00	291912	0.0025				
					395.00	396.30	1.30	291913	0.017				
396.30	**397.10**	**I3** **Felsic intrusive**	**"reddish"**	**GS1**									
Felsic Intrusive dyke: pink colour; fine grained; massive; minor k-spar alteration causing pink colour; sharp upper (50) and lower (85) contact													
					396.30	397.10	0.80	291914	0.059				
					397.10	398.00	0.90	291915	0.059				
397.10	**421.50**	**I1A** **Gabbro**	**dark green**	**GS4**	411.00	412.00	1.00	291916	0.032				
Intrusive Gabbro: <25% patches and narrow intervals (<1m) of felsic tonalite replacing matrix around very coarse grained pyroxene crystals; 60% very coarse grained euhedral pyroxene cyrstals ranging in size from 4-10mm that are matrix supported													
					412.00	413.00	1.00	291917	0.0025				
					413.00	414.00	1.00	291918	0.0025				
					414.00	415.00	1.00	291919	0.015				
					420.50	421.50	1.00	291921	0.0025				
421.50	**422.00**	**I3** **Felsic intrusive**	**"reddish"**	**GS1**	421.50	422.00	0.50	291922	0.0025				
Felsic Dyke: pink colour; fine to medium grained; granitic texture; Sharp upper (70) and lower (80) contacts.													
422.00	**435.00**	**I1A** **Gabbro**	**dark green**	**GS4**	422.00	423.00	1.00	291923	0.0025				
Intrusive Gabbro: <10% narrow (<0.3m in width) pink felsic feldspar intrusive dykes; 50% very coarse grained euhedral pryoxene cyrstals that are matrix supported													

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From (m)	To (m)	Rock Type & Description		
435.00	**436.20**	**I3B** **Tonalite**	**medium grey**	**GS2**
Intrusive Tonalite: medium grained; massive; light grey with specks of pink k-spar; Sharp upper (70) and lower (20) contacts.				
436.20	**452.10**	**I1A** **Gabbro**	**dark green**	**GS4**
Intrusive Gabbro: 50% very coarse grained pyroxene 4-10mm euhedral crystals that are matrix supported; minor <1m intervals/patches of felsic tonalite.				
<<Struc: 439.3 - 439.4: intense Fault - breccia gouge 50 deg. >> minor fault 2mm in width				
452.10	**454.60**	**I3** **Felsic intrusive**	**"reddish"**	**GS1**
Felsic Intrusive: pink; k-spar altered; fine grained; sharp upper (45) and lower (45) contacts				
454.60	**484.50**	**I1A** **Gabbro**	**dark green**	**GS4**
Gabbro: dark green; 50% very coarse grained (up to 15mm in size) euhedral pyroxene cyrstals; minor patches/intervals of felsic/tonalite flooding replacing the ultramafic matrix;				
484.50	**486.70**	**I1** **Mafic intrusive**	**"reddish"**	**GS2**
Reddih to pinkish felisc intrusive. K par well marked alteraion. Medium and homogenous grained. Traces of fine grianed diss. Pyrite				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
450.00	451.00	1.00	291924	0.0025				
451.00	452.10	1.10	291925	0.0025				
452.10	453.20	1.10	291926	0.0025				
453.20	454.60	1.40	291927	0.0025				
454.60	456.00	1.40	291928	0.0025				
456.00	457.00	1.00	291929	0.0025				
457.00	458.00	1.00	291930	0.0025				
458.00	459.00	1.00	291931	0.0025				
459.00	460.00	1.00	291932	0.0025				
460.00	461.00	1.00	291933	0.0025				
461.00	462.00	1.00	291934	0.03				
462.00	463.00	1.00	291935	0.0025				
463.00	464.00	1.00	291936	0.0025				
464.00	465.00	1.00	291937	0.038				
484.00	484.50	0.50	291938	0.0025				
484.50	485.00	0.50	291939	0.0025				
485.00	486.00	1.00	291941	0.011				
486.00	486.70	0.70	291942	0.039				
486.70	488.00	1.30	291943	0.0025				

Hole: PAC-20-057

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
486.70	**639.00**	**I1A** **Gabbro**	**dark grey**	**GS4**	590.00	590.50	0.50	291944	0.0025				
Gabbro: dark green; 50% very coarse grained (up to 15mm in size) euhedral pyroxene cyrstals; minor patches/intervals of felsic/tonalite flooding replacing the ultramafic matrix; EOH=636.7m					590.50	591.00	0.50	291945	0.0025				
					591.00	592.00	1.00	291946	0.0025				
					592.00	593.00	1.00	291947	0.0025				
					593.00	594.00	1.00	291948	0.0025				

End of Hole @ 639

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-058

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2021-01-19	**Core Size:**	NQ
UTM East:	441075	**Azimuth:**	300	**Date Completed:**	2021-01-23	**Casing Pulled?:**	☐
UTM North:	5645442	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	389	**Length (m):**	402	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
						Reduced (m):	
Hole Status:	Completed	**Target:**	Seismic Survey			**Reduceed Size:**	
Hole Purpose:	EXPL					**Oriented?:**	☑

Comments:
Planned hole #BOY028 on seismic line

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling	2020-01-23	-49.3	302.3			57214	☑	
33	ReflexEZS	Nordik Drilling	2020-01-23	-49.3	302.4			57399	☑	
36	ReflexEZS	Nordik Drilling	2020-01-23	-49.3	302.7			57451	☑	
39	ReflexEZS	Nordik Drilling	2020-01-23	-49.3	302.8			57532	☑	
42	ReflexEZS	Nordik Drilling	2020-01-23	-49.3	302.9			57587	☑	
48	ReflexEZS	Nordik Drilling	2020-01-23	-49.2	303.7			57649	☑	
57	ReflexEZS	Nordik Drilling	2020-01-23	-49.2	303.8			57545	☑	
63	ReflexEZS	Nordik Drilling	2020-01-23	-49.2	304.1			57464	☑	
66	ReflexEZS	Nordik Drilling	2020-01-23	-49.1	304.2			57518	☑	
72	ReflexEZS	Nordik Drilling	2020-01-23	-49.1	304.4			57415	☑	
75	ReflexEZS	Nordik Drilling	2020-01-23	-49	304.7			57452	☑	
78	ReflexEZS	Nordik Drilling	2020-01-23	-49.1	304.5			57369	☑	

Hole: PAC-21-058

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
81	ReflexEZS	Nordik Drilling	2020-01-23	-49	304.7			57435	☑	
84	ReflexEZS	Nordik Drilling	2020-01-23	-49	304.8			57427	☑	
87	ReflexEZS	Nordik Drilling	2020-01-23	-49	304.8			57394	☑	
90	ReflexEZS	Nordik Drilling	2020-01-23	-49	304.7			57395	☑	
96	ReflexEZS	Nordik Drilling	2020-01-23	-48.9	304.9			57367	☑	
99	ReflexEZS	Nordik Drilling	2020-01-23	-48.9	304.9			57312	☑	
102	ReflexEZS	Nordik Drilling	2020-01-23	-48.9	304.6			57565	☑	
105	ReflexEZS	Nordik Drilling	2020-01-23	-48.9	304.7			57296	☑	
111	ReflexEZS	Nordik Drilling	2020-01-23	-48.9	304.9			57267	☑	
117	ReflexEZS	Nordik Drilling	2020-01-23	-48.9	304.6			57198	☑	
120	ReflexEZS	Nordik Drilling	2020-01-23	-48.8	304.8			57209	☑	
123	ReflexEZS	Nordik Drilling	2020-01-23	-48.8	304.6			57268	☑	
126	ReflexEZS	Nordik Drilling	2020-01-23	-48.8	304.5			57311	☑	
129	ReflexEZS	Nordik Drilling	2020-01-23	-48.8	304.2			57370	☑	
132	ReflexEZS	Nordik Drilling	2020-01-23	-48.7	304.4			57393	☑	
135	ReflexEZS	Nordik Drilling	2020-01-23	-48.7	304.6			57451	☑	
138	ReflexEZS	Nordik Drilling	2020-01-23	-48.7	304.5			57463	☑	
141	ReflexEZS	Nordik Drilling	2020-01-23	-48.7	304.8			57510	☑	
147	ReflexEZS	Nordik Drilling	2020-01-23	-48.6	305.1			57516	☑	
150	ReflexEZS	Nordik Drilling	2020-01-23	-48.6	305.5			57499	☑	
153	ReflexEZS	Nordik Drilling	2020-01-23	-48.5	305.6			57531	☑	
159	ReflexEZS	Nordik Drilling	2020-01-23	-48.5	306.1			57508	☑	
162	ReflexEZS	Nordik Drilling	2020-01-23	-48.5	306.4			57498	☑	
165	ReflexEZS	Nordik Drilling	2020-01-23	-48.4	306.4			57566	☑	

Hole: PAC-21-058

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
168	ReflexEZS	Nordik Drilling	2020-01-23	-48.4	306.6			57586	☑	
171	ReflexEZS	Nordik Drilling	2020-01-23	-48.4	306.7			57573	☑	
174	ReflexEZS	Nordik Drilling	2020-01-23	-48.4	306.7			57599	☑	
180	ReflexEZS	Nordik Drilling	2020-01-23	-48.3	306.8			57577	☑	
183	ReflexEZS	Nordik Drilling	2020-01-23	-48.3	306.9			57571	☑	
186	ReflexEZS	Nordik Drilling	2020-01-23	-48.2	307.2			57589	☑	
192	ReflexEZS	Nordik Drilling	2020-01-23	-48.1	306.9			57267	☑	
195	ReflexEZS	Nordik Drilling	2020-01-23	-48.1	307.1			57580	☑	
198	ReflexEZS	Nordik Drilling	2020-01-23	-48	307.2			57531	☑	
201	ReflexEZS	Nordik Drilling	2020-01-23	-47.9	307.3			57509	☑	
204	ReflexEZS	Nordik Drilling	2020-01-23	-47.9	307.5			57515	☑	
207	ReflexEZS	Nordik Drilling	2020-01-23	-47.9	307.5			57515	☑	
213	ReflexEZS	Nordik Drilling	2020-01-23	-47.9	307.6			57475	☑	
216	ReflexEZS	Nordik Drilling	2020-01-23	-47.8	307.6			57465	☑	
219	ReflexEZS	Nordik Drilling	2020-01-23	-47.8	307.8			57468	☑	
222	ReflexEZS	Nordik Drilling	2020-01-23	-47.8	308			57505	☑	
228	ReflexEZS	Nordik Drilling	2020-01-23	-47.8	308			57490	☑	
231	ReflexEZS	Nordik Drilling	2020-01-23	-47.7	308			57241	☑	
237	ReflexEZS	Nordik Drilling	2020-01-23	-47.6	308.3			57444	☑	
243	ReflexEZS	Nordik Drilling	2020-01-23	-47.5	308.3			57472	☑	
246	ReflexEZS	Nordik Drilling	2020-01-23	-47.6	308.6			57416	☑	
315	ReflexEZS	Nordik Drilling	2020-01-23	-47.2	311			57205	☑	
321	ReflexEZS	Nordik Drilling	2020-01-23	-47.2	311.6			57264	☑	
327	ReflexEZS	Nordik Drilling	2020-01-23	-47.1	311.4			57268	☑	

Hole: PAC-21-058

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
330	ReflexEZS	Nordik Drilling	2020-01-23	-47.2	311.5			57363	☑	
333	ReflexEZS	Nordik Drilling	2020-01-23	-47.1	311.6			57300	☑	
336	ReflexEZS	Nordik Drilling	2020-01-23	-47	312.5			57372	☑	

Hole: PAC-21-058

From (m)	To (m)		Rock Type & Description		
0.00	**3.00**	**CS**	**casing (no recovery)**		
Overburden/Casing					
3.00	**34.70**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Tonalite: massive; medium grained; light grey/black; Felsic pink vein 20.8-20.9m + 27.7-27.9m; mafic dyke: 29.7-29.9m					
34.70	**35.30**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**
Mafic Dyke: massive; medium grey; sharp upper (35) and lower contacts (45)					
35.30	**70.90**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive Tonalite: massive; medium grained; shear/fault zone 68.9-67.6m with strong red hematite staining					
<<Alt: 66.9 - 67.6: strong Epidote / strong Hematitic>>					
<<Struc: 66.9 - 67.6: intense Fault 60 deg. >> late faulting with light green epidote alt + red hematite					
70.90	**84.20**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Alternating patches/intervals of intrusive tonalite and mafic intrusive xenoliths					
84.20	**113.00**	**I3A**	**Granite**	**"reddish"**	**GS2**
Intrusive Granite: red-grey; massive with <10% mafic volcanic xenoliths					
<<Struc: 95.7 - 95.8: complete Fault - breccia gouge 60 deg. >> Narrow (<10mm in width) breccia fault with dark green mylonite					
113.00	**113.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**
Mafic Dyke: massive; dark grey; sharp upper (50) and lower (50) contacts					
113.70	**162.60**	**I2A**	**Diorite**	**medium grey**	**GS2**
Intrusive Diorite/Tonalite: massive; speckled white and black; medium grained; <10% narrow (10cm) pink felsic intrusive from 156.7-162.6m					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
65.00	66.00	1.00	291949	0.0025				
66.00	66.90	0.90	291950	0.0025				
66.90	67.80	0.90	291951	0.0025				
67.80	69.00	1.20	291952	0.0025				
69.00	70.00	1.00	291953	0.0025				
155.00	156.50	1.50	291954	0.0025				
156.50	157.00	0.50	291955	0.0025				
157.00	158.50	1.50	291956	0.0025				
158.50	159.20	0.70	291957	0.0025				

Hole: PAC-21-058

From (m)	To (m)		Rock Type & Description		
162.60	**164.70**	**I3**	**Felsic intrusive**	**"reddish"**	**GS0**
Felsic dyke: pink-red; very fine grained; massive; late intrusion within diorite					
164.70	**221.50**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive Tonalite/Diorite: speckled white and black/dark grey; massive; medium grained; narrow pink felsic dykes at 192.6-192.7m + 200.9-201.2m					
<<Vein: 204.6 - 205: 50% Quartz vein contain >90% quartz>> low angle bull qtz vein with minor pink feldspar alteration					
221.50	**222.50**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**
Mafic Dyke: dark grey; fine grained, massive; sharp upper (50) and lower contacts (50)					
222.50	**247.10**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive Tonalite/Diorite: speckled white/light grey and black; massive but with 20% mafic volcanic xenoliths ranging in size from 5-50 cm					
247.10	**248.70**	**I3**	**Felsic intrusive**	**"reddish"**	**GS1**
Felsic and mafic intrusive: intercalated pink feldspar felsic intrusive and dark grey mafic intrusive; sharp upper (60) and lower (40) contacts.					
248.70	**301.00**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive Tonalite/Diorite: massive but with minor (<5%) mafic volcanic xenoliths; minor shear/fault zone from 265.5-267.1m with strong pervasive pink feldspar alteration; minor pink felsic dykes from 254.8-255.1m + 257.4-257.6m + 274.5-274.8m.					
<<Alt: 265.5 - 267.1: strong Feldspar>> alteration associated with fault zone					
<<Struc: 265.5 - 267.1: strong Fault 40 deg. >> zone with 6 narrow (1-2mm) wide late faults with light green epidote alteration; strong pervasive pink k-spar alteration					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
159.20	160.70	1.50	291958	0.0025				
160.70	161.60	0.90	291959	0.0025				
161.60	162.60	1.00	291961	0.012				
162.60	163.50	0.90	291962	0.0025				
163.50	164.70	1.20	291963	0.0025				
164.70	166.00	1.30	291964	0.0025				
166.00	167.50	1.50	291965	0.0025				
202.00	203.50	1.50	291966	0.0025				
203.50	204.60	1.10	291967	0.0025				
204.60	205.20	0.60	291968	0.0025				
205.20	206.00	0.80	291969	0.0025				
206.00	207.00	1.00	291970	0.0025				

Hole: PAC-21-058

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					263.00	264.50	1.50	291971	0.0025				
					264.50	265.50	1.00	291972	0.0025				
					265.50	267.10	1.60	291973	0.0025				
					267.10	268.00	0.90	291974	0.0025				
					268.00	269.00	1.00	291975	0.005				
					269.00	270.00	1.00	291976	0.024				
					270.00	271.50	1.50	291977	0.036				
					271.50	272.50	1.00	291978	0.039				
					272.50	273.50	1.00	291979	0.005				
					273.50	274.50	1.00	291981	0.0025				
					274.50	275.00	0.50	291982	0.008				
					275.00	276.00	1.00	291983	0.008				
					276.00	277.00	1.00	291984	0.0025				
					277.00	278.00	1.00	291985	0.008				
					300.00	301.00	1.00	291986	0.0025				
301.00	**302.20**	**I3P**	**Porphyry**	**dark grey** **GS2**	301.00	302.20	1.20	291987	0.0025				
Mafic porphyry: fine grained with white 25% 1-2mm size plagioclase porphyry; overall dark grey colour; sharp upper (65) and lower (60) contacts													
					302.20	303.40	1.20	291988	0.0025				
302.20	**303.40**	**I3**	**Felsic intrusive**	**"reddish"** **GS1**									
Felsic intrusive: pink; fine grained felsic dyke; 40% dark green mafic dyke at both upper and lower contacts													
303.40	**304.30**	**I3B**	**Tonalite**	**light grey** **GS2**									
Intrusive tonalite: medium grained; massive; sharp upper and lower dyke contacts													
					303.40	304.30	0.90	291989	0.0025				
304.30	**306.20**	**I1**	**Mafic intrusive**	**medium grey** **GS1**									
Mafic dyke: medium grey; fine grained; massive; sharp upper (40) and lower (45) contacts													
306.20	**377.00**	**I3B**	**Tonalite**	**medium grey**	313.50	314.40	0.90	291990	0.0025				
Intrusive Tonalite/Diorite: medium grained; massive with 15% mafic xenoliths ranging in size 5-25cm; minor pink feldspar altered veins at 314.4-315m + 333.7-333.8m + 340.3-340.6m; gradational lower contact with gabbro													
<<Vein: 314.4 - 315: 100% Quartz vein contain >90% quartz>> pink feldspar qtz vein					314.40	315.00	0.60	291991	0.0025				

Hole: PAC-21-058

From (m)	To (m)	Rock Type & Description
		<<Vein: 333.7 - 333.8: 100% Quartz vein contain >90% quartz>>
		<<Vein: 340.3 - 340.6: 100% Quartz vein contain >90% quartz>> Pink feldspar altered qtz vein
		<<Vein: 346.3 - 346.4: 100% Quartz vein contain >90% quartz>> Pink feldspar altered qtz vein
		<<Struc: 320.9 - 323: intense Fault - breccia gouge 50 deg. >> Strong fault zone with numerous hairline faults infilled with light green epidote
		<<Struc: 355.1 - 355.2: strong Fault 40 deg. >> hairline fault with light green epidote
377.00	**402.00**	**I1A Gabbro dark green GS3**
		Intrusive Gabbro: dark green; medium to coarse grained; massive; intermediate intrusive dykes from 390-390.4m + 397.3-397.8m EOH=402m
		End of Hole @ 402

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
315.00	316.00	1.00	291992	0.0025				
316.00	317.00	1.00	291993	0.0025				
317.00	318.00	1.00	291994	0.0025				
318.00	319.00	1.00	291995	0.007				
319.00	320.00	1.00	291996	0.0025				
320.00	320.90	0.90	291997	0.0025				
320.90	322.00	1.10	291998	0.007				
322.00	323.00	1.00	291999	0.0025				
323.00	324.20	1.20	292001	0.0025				
324.20	325.50	1.30	292002	0.0025				
332.00	333.00	1.00	292003	0.024				
333.00	334.00	1.00	292004	0.0025				
334.00	335.00	1.00	292005	0.049				
335.00	336.00	1.00	292006	0.0025				
336.00	337.00	1.00	292007	0.042				
337.00	338.00	1.00	292008	0.0025				
338.00	339.00	1.00	292009	0.0025				
339.00	340.00	1.00	292010	0.0025				
340.00	340.70	0.70	292011	0.0025				
340.70	342.00	1.30	292012	0.0025				
342.00	343.00	1.00	292013	0.0025				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-059

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	Unknown	**Date Started:**	2021-01-24	**Core Size:**	NQ
UTM East:	441683	**Azimuth:**	300	**Date Completed:**	2021-02-01	**Casing Pulled?:**	☐
UTM North:	5644931	**Dip:**	-55	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	436.7	**Length (m):**	486	**Drill Rig:**	Rig4	**Casing Depth (m):**	1
Hole Status:	Completed	**Target:**	Seismic Survey			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☑

Comments:
Planned drill hole BOY030 on Pacton Main seismic line

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	303.7			53880	☑	
3	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	303.6			53895	☑	
6	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	303.3			53920	☑	
9	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	302.8			57405	☑	
12	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	303.4			57325	☑	
15	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	303.4			57263	☑	
18	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	303.5			57258	☑	
21	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	303.3			57015	☑	
27	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	303.9			57295	☑	
33	ReflexEZS	Nordik Drilling	2021-02-01	-55	305.3			57271	☑	
39	ReflexEZS	Nordik Drilling	2021-02-01	-55	306.6			57247	☑	
42	ReflexEZS	Nordik Drilling	2021-02-01	-55	304.2			56934	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
45	ReflexEZS	Nordik Drilling	2021-02-01	-55	305.4			56834	☑	
48	ReflexEZS	Nordik Drilling	2021-02-01	-55	306			56986	☑	
51	ReflexEZS	Nordik Drilling	2021-02-01	-55.1	306.7			57284	☑	
54	ReflexEZS	Nordik Drilling	2021-02-01	-55.1	306			57014	☑	
57	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	306.2			57645	☑	
60	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	306.4			57593	☑	
63	ReflexEZS	Nordik Drilling	2021-02-01	-55.2	306.3			57606	☑	
66	ReflexEZS	Nordik Drilling	2021-02-01	-55.3	306.6			57575	☑	
69	ReflexEZS	Nordik Drilling	2021-02-01	-55.3	306.8			57564	☑	
72	ReflexEZS	Nordik Drilling	2021-02-01	-55.3	306.8			57548	☑	
75	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	306.9			57536	☑	
78	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	307.1			57540	☑	
81	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	307.2			57528	☑	
84	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	307.3			57523	☑	
87	ReflexEZS	Nordik Drilling	2021-02-01	-55.7	306.7			57518	☑	
90	ReflexEZS	Nordik Drilling	2021-02-01	-55.5	307.8			57558	☑	
93	ReflexEZS	Nordik Drilling	2021-02-01	-55.5	307.6			57377	☑	
96	ReflexEZS	Nordik Drilling	2021-02-01	-55.5	307.3			57324	☑	
99	ReflexEZS	Nordik Drilling	2021-02-01	-55.5	307.4			57421	☑	
105	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	307.5			57295	☑	
108	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	307.7			57188	☑	
111	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	308.1			57274	☑	
117	ReflexEZS	Nordik Drilling	2021-02-01	-55.4	308.4			57323	☑	
129	ReflexEZS	Nordik Drilling	2021-02-01	-55.1	308.8			57190	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
132	ReflexEZS	Nordik Drilling	2021-02-01	-55	309.7			57335	☑	
135	ReflexEZS	Nordik Drilling	2021-02-01	-54.9	309.3			57411	☑	
138	ReflexEZS	Nordik Drilling	2021-02-01	-54.8	309.2			57329	☑	
141	ReflexEZS	Nordik Drilling	2021-02-01	-54.8	309.5			57331	☑	
144	ReflexEZS	Nordik Drilling	2021-02-01	-54.8	309.8			57230	☑	
147	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	309.9			57284	☑	
150	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	309.6			57212	☑	
153	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	309.4			57122	☑	
156	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	309.3			57344	☑	
159	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	310.3			57150	☑	
162	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	310.8			57537	☑	
165	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	310			57494	☑	
168	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	311			57226	☑	
171	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	311.5			57524	☑	
180	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	311.5			57332	☑	
183	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	310.1			56840	☑	
186	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	311.6			57404	☑	
189	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	312.8			57106	☑	
192	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	311.8			57107	☑	
195	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	312.2			57104	☑	
198	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	311.8			57115	☑	
204	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	312.7			57116	☑	
207	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	311.6			57402	☑	
210	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	312.2			57746	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
222	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	313.3			58508	☑	
231	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	312.5			57544	☑	
234	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	313.1			56182	☑	
237	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	313.8			56831	☑	
240	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	314.4			57303	☑	
243	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	314.2			57164	☑	
246	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	314.1			56959	☑	
249	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	314.6			57526	☑	
252	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	315			57417	☑	
255	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	313.8			56665	☑	
258	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	316.3			56761	☑	
264	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	314.2			56222	☑	
267	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	315.3			56139	☑	
270	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	316.8			57190	☑	
273	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	316.4			57022	☑	
276	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	315.5			57225	☑	
279	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	315.8			57303	☑	
282	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	316.7			57265	☑	
285	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	316.7			57190	☑	
288	ReflexEZS	Nordik Drilling	2021-02-01	-54.7	316.6			56905	☑	
291	ReflexEZS	Nordik Drilling	2021-02-01	-54.8	316.3			57048	☑	
294	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	317			57001	☑	
297	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	316.5			56938	☑	
300	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	316.2			57044	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
303	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	317			57199	☑	
306	ReflexEZS	Nordik Drilling	2021-02-01	-54.6	317.4			57274	☑	
309	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	317.9			57148	☑	
312	ReflexEZS	Nordik Drilling	2021-02-01	-54.5	319.2			56857	☑	
315	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	318.3			57160	☑	
318	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	318.9			57240	☑	
324	ReflexEZS	Nordik Drilling	2021-02-01	-54.4	319			57415	☑	
327	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	319.5			57190	☑	
330	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	318.8			56475	☑	
336	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	320.1			57370	☑	
339	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	320.3			57357	☑	
342	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	320.4			57160	☑	
345	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	320.7			57207	☑	
348	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	321.5			57287	☑	
351	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	320.9			57243	☑	
354	ReflexEZS	Nordik Drilling	2021-02-01	-54.3	320.9			57241	☑	
357	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	321			57006	☑	
360	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	321.2			57089	☑	
363	ReflexEZS	Nordik Drilling	2021-02-01	-54.2	321.5			57216	☑	
366	ReflexEZS	Nordik Drilling	2021-02-01	-54.1	320.4			57016	☑	
369	ReflexEZS	Nordik Drilling	2021-02-01	-54.1	321.4			57182	☑	
378	ReflexEZS	Nordik Drilling	2021-02-01	-54	323.2			57186	☑	
381	ReflexEZS	Nordik Drilling	2021-02-01	-54	322.4			57396	☑	
384	ReflexEZS	Nordik Drilling	2021-02-01	-54	322.9			57226	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
387	ReflexEZS	Nordik Drilling	2021-02-01	-53.9	321.8			57438	☑	
390	ReflexEZS	Nordik Drilling	2021-02-01	-53.9	323.6			57264	☑	
393	ReflexEZS	Nordik Drilling	2021-02-01	-53.8	323.3			57219	☑	
396	ReflexEZS	Nordik Drilling	2021-02-01	-53.8	323.1			57224	☑	
399	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	323.4			57250	☑	
402	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	323.7			57249	☑	
405	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	323.8			57254	☑	
408	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	324			57253	☑	
411	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	324.2			57237	☑	
414	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	324.3			57245	☑	
417	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	324.4			57239	☑	
420	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	324.2			57224	☑	
423	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	324.5			57227	☑	
426	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	324.1			57299	☑	
429	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	324.9			57241	☑	
432	ReflexEZS	Nordik Drilling	2021-02-01	-53.6	324.8			57226	☑	
435	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	325.3			57202	☑	
438	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	325.3			57207	☑	
441	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	325.7			57188	☑	
444	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	325.8			57116	☑	
447	ReflexEZS	Nordik Drilling	2021-02-01	-53.3	326.1			57254	☑	
450	ReflexEZS	Nordik Drilling	2021-02-01	-53.3	326.4			57239	☑	
453	ReflexEZS	Nordik Drilling	2021-02-01	-53.3	326.6			57288	☑	
456	ReflexEZS	Nordik Drilling	2021-02-01	-53.3	326.4			57413	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
459	ReflexEZS	Nordik Drilling	2021-02-01	-53.3	325.6			57655	☑	
462	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	327.1			57115	☑	
465	ReflexEZS	Nordik Drilling	2021-02-01	-53.3	327.7			57179	☑	
468	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	326.6			57134	☑	
471	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	327.4			57579	☑	
474	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	326.6			57547	☑	
477	ReflexEZS	Nordik Drilling	2021-02-01	-53.4	325.6			57541	☑	
480	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	326.5			57382	☑	
486	ReflexEZS	Nordik Drilling	2021-02-01	-53.5	327.9			56788	☑	

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From (m)	To (m)		Rock Type & Description		
0.00	1.00	CS	casing (no recovery)		
Casing/Overburden					
1.00	5.80	E1	mafic volcanics	dark grey	GS1
Mafic Volcanic: dark grey; massive; <2% 2-3mm anhedral white plagioclase phenocrysts; 25% patches of lighter green chlorite aleration					
5.80	8.00	I1	Mafic intrusive	dark grey	GS1
Mafic Dyke: fine grained; massive; fracture zone with brokon core from 7.0-7.6m; late pink qtz veining infilling fracture planes; Sharp upper contact at 70 degrees TCA					
<<Struc: 7 - 7.6: complete Fracture 15 deg. >> Broken core within fracture zone with pink k-spar altered qtz vein infilling the fractures					
8.00	13.60	E1	mafic volcanics	dark grey	GS1
Mafic Volcanic: dark grey/light green; mottled texture due to patches/ narrow intervals of chlorite alteration; wavy vein/intrusion of felsic granodiorite from 9.6-10.2m					
13.60	14.20	I2	Intermediate intrusive	dark grey	GS2
Intermediate/Mafic Dyke: medium grained; massive; sharp upper (40) and lower (35) contacts					
14.20	25.30	E1	mafic volcanics	dark green	GS1
Mafic Volcanic: fine grained; mottled texture of light green chlorite alteration patches (approx. 30%); sharp lower contact at 35 degrees with intrusive gabbro					
25.30	82.20	I2A	Diorite	dark grey	GS2
Intrusive Diorite: medium to coarse grained; <10% 10-30cm size irregular xenoliths; intercalated minor (<10%) patches/intervals of more mafic intrusive gabbro; <5% mafic volcanic xenoliths ranging in size from 5-20 cm. <5% narrow (5-10mm) pink k-spar qtz veins. Sharp lower contac with mafic dyke at 45 degrees TCA					
82.20	82.70	I1	Mafic intrusive	dark grey	GS1
Mafic Dyke: massive; very fine grained; trace% disseminated PY.					
82.70	94.90	I2A	Diorite	"reddish"	GS2
Intrusive Diorite: dark grey with red specks; medium to coarse grained; massive; red k-spar alteration within fault zone from 82.7-84.5m					
<<Alt: 82.7 - 84.5: strong K-feldspar>> alteration associated with fault zone					
<<Struc: 84.1 - 84.4: complete Fault - breccia gouge 70 deg. >> fault zone with light green breccia gouge					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
81.00	82.20	1.20	292014	0.0025				
82.20	82.70	0.50	292015	0.007				
82.70	83.50	0.80	292016	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					83.50	84.50	1.00	292017	0.009				
					84.50	85.50	1.00	292018	0.0025				
94.90	**95.60**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**								
Mafic Dyke: massive; dark grey; sharp upper (60) and lower (50) contacts													
95.60	**97.30**	**I2A**	**Diorite**	**medium grey**	**GS2**								
Intrusive Diorite: massive; medium grained; light grey with specks of pink k-spar													
97.30	**97.70**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**								
Mafic Dyke: dark grey; very fine to fine grained; Sharp upper (35) and lower (60) contacts													
97.70	**106.00**	**I2A**	**Diorite**	**medium grey**	**GS2**								
Intrusive Diorite: medium grained; <10% mafic xenoliths ranging in size from 5-30cm; pink k-spar altered vein from 104.8-105.3m													
<<Alt: 104.9 - 105.6: moderate K-feldspar>>													
106.00	**115.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: fine grained; dark grey; weak to moderate folation at 20 degrees TCA; Sharp upper (30) and lower (50) contacts													
115.80	**125.70**	**I2A**	**Diorite**	**medium grey**	**GS2**	116.00	117.00	1.00	292019	0.0025				
Intrusive Diorite: massive; medium to coarse grained; <5% pink k-spar altered qtz veins 0.1-0.3m in width													
<<Min: 123.4 - 123.6: 1% pyrite>> blebs of PY mineralization within qtz vein						117.00	118.00	1.00	292021	0.0025			
<<Vein: 118.2 - 118.5: 100% Quartz vein contain >90% quartz>> Pink k-sapr altered qtz vein						118.00	118.60	0.60	292022	0.0025			
<<Vein: 123.4 - 123.6: 100% Quartz vein contain >90% quartz>> Pink k-spar altered qtz vein with 2-3% PY min.						118.60	120.00	1.40	292023	0.0025			
						120.00	121.00	1.00	292024	0.0025			
						121.00	122.00	1.00	292025	0.0025			
						122.00	123.00	1.00	292026	0.0025			
						123.00	124.00	1.00	292027	0.0025			
						124.00	125.00	1.00	292028	0.0025			
						125.00	125.70	0.70	292029	0.025			
125.70	**130.80**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**								
Mafic Dyke (?): possible mafic volcanic; very fine grained; massive; dark grey													
130.80	**133.00**	**I2A**	**Diorite**	**medium grey**	**GS2**								
Intrusive Diorite: Pink granitic intrusion from 132.2-132.7m													

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From (m)	To (m)		Rock Type & Description		
133.00	**133.60**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**
Mafic Dyke: sharp upper (25) and lower (35) contacts					
133.60	**147.90**	**I2A**	**Diorite**	**medium grey**	**GS2**
Intrusive Gabbro: intermediate to mafic lithology; medium to coarse grained; massive; pink k-spar altered qtz vein from 137.6-138m					
<<Min: 137.6 - 138: 1% pyrite>> trace to 1% blebs of PY mineralization					
<<Vein: 137.6 - 138: 100% Quartz vein contain >90% quartz>>					
147.90	**148.90**	**I3A1**	**Alkali Feldspar Granite**	**"reddish"**	**GS1**
Alkali Feldspar Granite: pink; fine to medium grained; massive; minor gabbro interval from 148.6-148.7m; sharp upper (70) and lower (70) contacts					
148.90	**159.10**	**I1A**	**Gabbro**	**medium grey**	**GS2**
Intrusive Gabbro: medium grained; massive; <5% mafic xenoliths that range in size from 2-10cm; minor interval of pink alkali feldspar granite from 151.5-152m; pink qtz veins from 153.2-153.5m + 156.4-156.6m.					
159.10	**162.90**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: 15% late qtz veins and wavy intercalated diorite; gradational upper contact and sharp lower contact at 30 degrees TCA					
162.90	**174.40**	**I1A**	**Gabbro**	**dark green**	**GS2**
Intrusive Gabbro: medium grained; massive texture; minor patches of more felsic diorite; light green epidote vein from 165.3-165.6; <5% narrow (5mm wide) pink k-spar qtz veins prependicular to the core axis; Sharp upper contact at 30 degrees and gradational lower contact					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
135.00	136.00	1.00	292030	0.0025				
136.00	137.00	1.00	292031	0.0025				
137.00	138.00	1.00	292032	0.0025				
138.00	139.00	1.00	292033	0.0025				
139.00	140.00	1.00	292034	0.0025				
152.00	153.00	1.00	292035	0.0025				
153.00	153.60	0.60	292036	0.0025				
153.60	155.00	1.40	292037	0.0025				
155.00	156.20	1.20	292038	0.01				
156.20	156.80	0.60	292039	0.0025				
156.80	158.00	1.20	292041	0.023				
168.20	168.80	0.60	292042	0.027				
168.80	169.30	0.50	292043	0.02				
169.30	170.00	0.70	292044	0.009				
170.00	171.00	1.00	292045	0.014				

Hole: PAC-21-059

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					171.00	171.50	0.50	292046	0.0025				
					171.50	172.50	1.00	292047	0.038				
					172.50	173.20	0.70	292048	0.029				
					173.20	174.40	1.20	292049	0.012				
174.40	**180.70**	**E1**	**mafic volcanics**	**medium green**	**GS1**								
Mafic Volcanic: 40% patches of light green chlorite alteration producing a mottled texture													
180.70	**185.00**	**I1A**	**Gabbro**	**dark grey**	**GS2**								
Intrusive Gabbro: medium grained; massive; dark grey													
185.00	**186.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**								
Mafic Volcanic: narrow interval; fine grained; dark green; minor patches of light green chlorite aleration													
186.00	**187.60**	**I1A**	**Gabbro**	**dark grey**	**GS2**	186.00	187.00	1.00	292050	0.0025				
Intermediate to Gabbro Intrusion: fine to medium grained; massive; medium to dark grey													
						187.00	187.80	0.80	292051	0.039			
187.60	**188.70**	**I3A1**	**Alkali Feldspar Granite**	**"reddish"**	**GS1**	187.80	188.70	0.90	292052	0.0025			
Intrusive Alkali feldspar Granite Dyke: pink to red; fine to medium grained; massive; very sharp upper (70) and lower (50) contacts													
188.70	**190.60**	**I1A**	**Gabbro**	**dark grey**	**GS2**								
Intrusive Gabbro (possible diorite?): fine to medium grained; massive; dark grey; sharp upper (50) and lower (30) contacts.													
						188.70	190.00	1.30	292053	0.02			
190.60	**192.40**	**E1**	**mafic volcanics**	**dark green**	**GS1**								
Mafic Volcanic: very minor blebs of felsic intrusive; fine grained; massive; dark green.													
192.40	**195.60**	**I1A**	**Gabbro**	**dark grey**	**GS2**								
Intrusive Gabbro (possible diorite): fine to medium grained; massive; <5% mafic xenoliths													
195.60	**209.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: dark grey; massive; minor patches of light green chlorite/epidote alteration; xenolith of diorite from 198.2-198.5m													
209.20	**214.20**	**I1A**	**Gabbro**	**dark green**	**GS3**								
Intrusive Gabbro: 30% medium to coarse grained pink/white feldspar/plagioclase 1-2mm in size; massive intrusive textrue; sharp upper (65) and lower (65) contacts.													

Hole: PAC-21-059

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
214.20	**222.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: dark green; fine grained; patches of light green chlorite alteration													
222.40	**232.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: massive; dark green; fine grained													
<<Struc: 229 - 229.1: complete Fault - breccia gouge 70 deg. >> fault with white carbonate breccia													
232.20	**236.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: Porphyric with 40% 3-8mm elongated white/pink feldspar crystals													
<<Struc: 232.2 - 232.3: intense Fault>> narrow fault at litho contact													
236.50	**237.70**	**I2**	**Intermediate intrusive**	**medium grey**	**GS1**								
Intermediate dyke: massive; medium grained; massive													
237.70	**238.70**	**E1**	**mafic volcanics**	**dark grey**	**GS3**								
Mafic Volcanic: 40% white/pink feldspar phenocryts that elongated 2-5 mm in length and orientated in the same direction													
238.70	**239.70**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**								
Mafic Dyke: fine grained; massive; sharp upper (60) and lower (65) contacts													
239.70	**242.60**	**E1**	**mafic volcanics**	**dark grey**	**GS3**								
Mafic Volcanic: 30% light grey feldspar phenocrysts are very faded and seen only on dry core													
242.60	**243.10**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**								
Narrow mafic dyke with sharp upper (65) and undefined lower contact													
243.10	**249.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic with weak phenocryts of lighter grey elongated feldspar crystals of 20-30%													
249.00	**249.80**	**I2A**	**Diorite**	**light grey**	**GS2**								
Intrusive Diorite Dyke: speckeled black and white; medium to coarse grained; massive; sharp upper (65) and lower (65) contacts													
249.80	**252.60**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic Volcanic: dark green; fine grained; gradational lower contact with mafic dyke.													
252.60	**255.30**	**I1**	**Mafic intrusive**	**medium green**	**GS2**								
Mafic Dyke: medium grained; massive; dark green in colour													
255.30	**257.20**	**I2A**	**Diorite**	**light grey**	**GS2**								
Intrusive Diorite dyke: light grey to white; medium grained; massive; sharp upper (70) and lower (75) contacts													

Hole: PAC-21-059

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
257.20	**269.60**	**E1**	**mafic volcanics**	**GS1**									
Mafic Volcanic: 25% elonated white feldspar phenocrysts 5-15mm in length within a fine grained groundmass; dark grey													
269.60	**275.00**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Mafic volcanic with 40% intercalated intrusive diorite.													
275.00	**333.90**	**E1**	**mafic volcanics**	**dark grey**	**GS1**	332.00	333.00	1.00	292054	0.023				
Mafic Volcanic: massive texture but with intervals of 20-40% white feldspar phenocrysts laths (average 10mm in size) from 275-299m + 319.5-325m						333.00	333.90	0.90	292055	0.031				
333.90	**334.90**	**I0**	**Ultramafic (intrusive)**	**light green**	**GS1**									
Ultramafic Dyke: light green in colour; moderate white carb. Alteration; sharp upper (40) and lower (30) contact						333.90	334.90	1.00	292056	0.015				
334.90	**366.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: massive; dark grey; very fine grained; strong 30% white plagioclase laths from 334.9-335.5m; very minor diorite intrusion from 335.8-336m + 339.1-339.2m + 339.6-339.8m; intercalated intrusive diorite from 351.1-353.1m						334.90	336.00	1.10	292057	0.022				
						336.00	337.00	1.00	292058	0.0025				
						337.00	338.00	1.00	292059	0.013				
						338.00	339.00	1.00	292061	0.024				
						339.00	340.00	1.00	292062	0.044				
						340.00	341.00	1.00	292063	0.011				
366.40	**372.10**	**I1A**	**Gabbro**	**dark green**	**GS2**									
Intrusive Gabbro: medium to coarse grained; massive; intercalated with 30% mafic volcanic that is finer grained; Qtz vein from 370.2-371m with trace% PY min.														
<<Min: 370.2 - 371: 0.5% pyrite>> trace% disseminated PY min within qtz vein														
<<Vein: 370.2 - 371: 100% Quartz vein contain >90% quartz>> Qtz vein with weak pink k-spar alteration														
						367.00	368.00	1.00	292064	0.0025				
						368.00	369.00	1.00	292065	0.0025				
						369.00	370.20	1.20	292066	0.0025				
						370.20	371.00	0.80	292067	0.0025				
						371.00	372.10	1.10	292068	0.009				
						372.10	373.00	0.90	292069	0.0025				

Hole: PAC-21-059

From (m)	To (m)		Rock Type & Description		
372.10	**377.30**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey/green; strong foliation at 25 degrees; 20% narrow bands of intrusive diorite/pink feldspar alkali granite parallel to foliation; Sharp upper (25) and lower contact (40)					
377.30	**386.20**	**I3B**	**Tonalite**	**"reddish"**	**GS2**
Felsic to intermediate intrusive Diorite: medium to coarse grained; massive; 30% intercalated mafic volcanic; strong pink/red colour due to k-spar crystals					
386.20	**388.70**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: weak foliation at 25 degrees TCA; very fine grained; minor intrusive tonalite from 388.1-388.3m					
388.70	**399.40**	**I2A**	**Diorite**	**medium grey**	**GS2**
Intrusive Diorite: intermediate with up to 20% 1-2mm size white/red feldspar crystals; intercalated dark grey, massive mafic volcanic from 395-397.3m					
399.40	**399.80**	**I3**	**Felsic intrusive**	**"reddish"**	**GS1**
Felspar felsic intrusive dyke; strong pink k-spar alteration; sharp upper (60) and lower (60) contacts.					
<<Min: 399.4 - 399.8: 0.5% pyrite>> trace% disseminated PY within felsic dyke					
399.80	**403.50**	**I3B**	**Tonalite**	**medium grey**	**GS2**
Intrusive Diorite: medium grey; massive; medium to coarse grained					
403.50	**404.40**	**V3**	**Quartz vein contain >90% quartz**	**"reddish"**	**GS0**
Pink k-spar altered qtz vein with very sharp upper (45) and lower (50) contacts					
404.40	**439.50**	**I2A**	**Diorite**	**medium grey**	**GS2**
Intrusive Diorite: intermediate with 15-20% 1-2mm size white/red feldspar crystals; light to medium grey colour; massive texture; intercalated 10% minor <0.5m in width mafic volcanic					
<<Alt: 432.4 - 460.1: moderate Epidote>> epidote alteration associated with re-healed fracturing. Core is not broken					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
373.00	374.00	1.00	292070	0.0025				
374.00	375.00	1.00	292071	0.022				
375.00	376.00	1.00	292072	0.0025				
376.00	377.30	1.30	292073	0.0025				
397.00	398.00	1.00	292074	0.0025				
398.00	399.40	1.40	292075	0.0025				
399.40	400.00	0.60	292076	0.0025				
400.00	401.00	1.00	292077	0.0025				
401.00	402.00	1.00	292078	0.0025				
402.00	403.50	1.50	292079	0.0025				
403.50	404.40	0.90	292081	0.02				

Hole: PAC-21-059

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Struc: 432.4 - 460.1: intense Fracture 10 deg. >> low angle fracture zone wih approx. 30% re-healed fractrues infilled wih light green epidote alteration.									
			404.40	405.50	1.10	292082	0.0025				
			414.50	415.50	1.00	292083	0.0025				
			415.50	416.50	1.00	292084	0.0025				
			416.50	417.00	0.50	292085	0.0025				
			417.00	418.00	1.00	292086	0.0025				
439.50	**442.00**	**I1A Gabbro medium green GS2**									
		Intrusive Gabbro: light to medium green; massvie; medium grained; gradational uppper contact and sharp lower contact (50)									
442.00	**451.90**	**I2A Diorite medium grey GS2**	450.00	451.00	1.00	292087	0.0025				
		Gabbro dyke: medium green; massive; medium grain size; gradational upper contact and sharp lower contact at 40 degrees									
			451.00	452.00	1.00	292088	0.0025				
451.90	**486.00**	**E1 mafic volcanics dark grey GS1**									
		Mafic Volcanic: 25-30% 1-5mm laths of white and pink feldspar phenocrysts; from 432.4-460.1m light green 30% epidote alteration from 432.3-460.1m that occurs within re-healed fractures; minor intervals of very strong foliation at 15 degrees; 455-460m 2% cubic 1-20mm PY mineralization; 25% patches of strong light green epidote and red hematite alteration; feldspar alkali granite xenolith from 481.8-482.6m. EOH=486m									
		<<Min: 455 - 460: 5% pyrite>> Cubes of PY mineralization within mafic volcanic									
		<<Alt: 470.7 - 478.7: strong Epidote / moderate Hematitic>> 25% patches of epidote and hematite alteration									
		<<Struc: 472.6 - 473.2: strong Fracture 30 deg. >> broken core within fracture zone and associated with light green epidote alteration									
			452.00	453.00	1.00	292089	0.039				
			453.00	454.00	1.00	292090	0.045				
			454.00	455.00	1.00	292091	0.058				
			455.00	456.00	1.00	292092	0.0025				
			456.00	457.00	1.00	292093	0.0025				
			457.00	458.00	1.00	292094	0.0025				
			458.00	459.00	1.00	292095	0.029				

Hole: PAC-21-059

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			459.00	460.00	1.00	292096	0.0025				
			460.00	461.00	1.00	292097	0.006				
			461.00	462.00	1.00	292098	0.021				
			462.00	463.00	1.00	292099	0.0025				

End of Hole @ 486

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-060

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	ML	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	ML	**Date Started:**	2021-02-03	**Core Size:**	NQ
UTM East:	439308.61	**Azimuth:**	296	**Date Completed:**	2021-03-12	**Casing Pulled?:**	☐
UTM North:	5646721.74	**Dip:**	-60	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☑
UTM Elevation (m):	383	**Length (m):**	1374	**Drill Rig:**	Rig4	**Casing Depth (m):**	3
Hole Status:	Completed	**Target:**	Deep seismic structure			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☑

Comments:

Planned Hole MED_001. Deep seismic Madsen structure at the NW corner of Pacton Main Block

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	ReflexEZS			-59.2	296.7			57988	☑	
15	ReflexEZS			-59.1	296.8			57581	☑	
18	ReflexEZS			-59.1	297.7			57436	☑	
21	ReflexEZS			-59.1	297.9			57346	☑	
24	ReflexEZS			-59	298.3			57266	☑	
30	ReflexEZS			-58.7	298.9			57118	☑	
33	ReflexEZS			-58.9	298.4			57096	☑	
36	ReflexEZS			-58.9	298			57065	☑	
39	ReflexEZS			-59.1	298			57050	☑	
45	ReflexEZS			-58.9	298.3			56995	☑	
48	ReflexEZS			-58.8	298.2			57056	☑	
54	ReflexEZS			-58.8	298.1			56963	☑	

Hole: PAC-21-060

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
57	ReflexEZS			-58.9	298.3			57057	☑	
60	ReflexEZS			-58.9	298			57010	☑	
63	ReflexEZS			-58.8	298.4			57028	☑	
66	ReflexEZS			-58.7	297.9			56910	☑	
69	ReflexEZS			-58.6	298.6			56998	☑	
72	ReflexEZS			-58.6	299.1			56983	☑	
75	ReflexEZS			-58.7	298.8			56981	☑	
78	ReflexEZS			-58.7	299.7			56929	☑	
81	ReflexEZS			-58.8	298.7			56954	☑	
87	ReflexEZS			-58.7	299.1			56963	☑	
96	ReflexEZS			-58.7	299			57023	☑	
99	ReflexEZS			-58.7	299.3			57046	☑	
102	ReflexEZS			-58.7	300.7			56876	☑	
108	ReflexEZS			-58.8	299.9			56994	☑	
111	ReflexEZS			-58.7	299.4			57027	☑	
114	ReflexEZS			-58.2	300.5			56969	☑	
117	ReflexEZS			-58.6	299.6			56909	☑	
123	ReflexEZS			-58.5	299.9			56721	☑	
126	ReflexEZS			-58.5	300.7			56828	☑	
129	ReflexEZS			-58.5	299.1			56542	☑	
132	ReflexEZS			-58.5	300.7			56931	☑	
135	ReflexEZS			-58.7	299.9			56937	☑	
138	ReflexEZS			-58.5	301.1			56918	☑	
141	ReflexEZS			-58.4	301.2			56935	☑	

Hole: PAC-21-060

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
144	ReflexEZS			-58.5	300.7			56946	☑	
147	ReflexEZS			-58.8	299.6			56974	☑	
150	ReflexEZS			-58.5	301.1			56920	☑	
153	ReflexEZS			-58.5	300.9			56424	☑	
156	ReflexEZS			-58.4	301.4			56880	☑	
159	ReflexEZS			-58.4	301.1			56710	☑	
162	ReflexEZS			-58.4	300.7			56937	☑	
165	ReflexEZS			-58.2	301.9			56886	☑	
171	ReflexEZS			-58.2	301.6			56771	☑	
174	ReflexEZS			-58.2	301.7			56899	☑	
177	ReflexEZS			-58.2	301.5			57063	☑	
180	ReflexEZS			-58.3	301			56915	☑	
183	ReflexEZS			-58.3	301.4			56766	☑	
186	ReflexEZS			-58.6	300.3			56827	☑	
189	ReflexEZS			-58.2	301.3			56879	☑	
192	ReflexEZS			-58.1	301.5			56868	☑	
195	ReflexEZS			-58.5	300.4			56915	☑	
198	ReflexEZS			-58.1	301.3			56864	☑	
204	ReflexEZS			-58.1	300.5			57084	☑	
210	ReflexEZS			-58	301.3			56931	☑	
213	ReflexEZS			-58.1	300.4			57150	☑	
216	ReflexEZS			-58.2	301.3			56938	☑	
219	ReflexEZS			-58.1	301.8			56984	☑	
222	ReflexEZS			-58.1	302			56984	☑	

Hole: PAC-21-060

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
225	ReflexEZS			-58.1	302.2			56987	☑	
228	ReflexEZS			-58	302.7			56960	☑	
231	ReflexEZS			-58	302.1			56968	☑	
234	ReflexEZS			-57.9	301.9			56912	☑	
237	ReflexEZS			-57.9	302.5			56971	☑	
240	ReflexEZS			-57.8	302.8			56949	☑	
243	ReflexEZS			-57.7	302.7			56944	☑	
246	ReflexEZS			-57.6	302.7			56967	☑	
249	ReflexEZS			-57.5	302.8			56960	☑	
252	ReflexEZS			-57.6	302.4			56977	☑	
255	ReflexEZS			-57.4	302.2			56982	☑	
261	ReflexEZS			-57.2	302.6			56916	☑	
264	ReflexEZS			-57.2	303			56871	☑	
267	ReflexEZS			-57.3	303.2			57017	☑	
270	ReflexEZS			-57.2	304			56897	☑	
273	ReflexEZS			-57.1	303.2			56951	☑	
276	ReflexEZS			-57.1	303.5			56844	☑	
279	ReflexEZS			-57.1	302.8			56620	☑	
282	ReflexEZS			-57	303.5			57201	☑	
285	ReflexEZS			-56.9	302.1			56501	☑	
288	ReflexEZS			-56.8	304			56733	☑	
291	ReflexEZS			-56.8	305.4			56815	☑	
294	ReflexEZS			-56.7	305.2			56904	☑	
297	ReflexEZS			-56.7	307.1			57044	☑	

Hole: PAC-21-060

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
300	ReflexEZS			-56.7	304.9			57069	☑	
303	ReflexEZS			-56.6	304.7			57166	☑	
306	ReflexEZS			-56.5	306.3			56961	☑	
309	ReflexEZS			-56.5	306.5			56948	☑	
312	ReflexEZS			-56.4	306.4			56979	☑	
318	ReflexEZS			-56.1	307			57031	☑	
321	ReflexEZS			-56.1	306.2			57266	☑	
324	ReflexEZS			-56.9	306.1			57050	☑	
327	ReflexEZS			-56.2	306.4			56970	☑	
330	ReflexEZS			-56.2	306.1			56755	☑	
333	ReflexEZS			-56.3	307.1			56841	☑	
336	ReflexEZS			-56.2	307.1			56951	☑	
339	ReflexEZS			-56.1	307.6			56910	☑	
342	ReflexEZS			-56	306.7			56691	☑	
345	ReflexEZS			-55.9	305.5			56833	☑	
348	ReflexEZS			-55.9	306.6			56895	☑	
351	ReflexEZS			-55.9	307.9			57498	☑	
354	ReflexEZS			-55.9	307.3			56944	☑	
357	ReflexEZS			-55.8	307.9			57013	☑	
360	ReflexEZS			-55.8	308			56979	☑	
363	ReflexEZS			-55.8	307.7			56733	☑	
366	ReflexEZS			-55.7	308			56753	☑	
369	ReflexEZS			-55.7	306.9			56395	☑	
372	ReflexEZS			-55.7	308.2			56911	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
375	ReflexEZS			-55.6	307.9			56833	☑	
378	ReflexEZS			-55.6	308			56842	☑	
381	ReflexEZS			-55.5	307.9			56858	☑	
384	ReflexEZS			-55.5	308			56901	☑	
387	ReflexEZS			-55.4	306.4			56820	☑	
390	ReflexEZS			-55.4	307.5			56842	☑	
393	ReflexEZS			-55.3	307.6			56873	☑	
396	ReflexEZS			-55.3	307.8			56881	☑	
399	ReflexEZS			-55.2	308.1			56770	☑	
402	ReflexEZS			-55.1	308.2			56858	☑	
405	ReflexEZS			-55.1	307.9			56876	☑	
408	ReflexEZS			-55	308.4			56833	☑	
411	ReflexEZS			-55	307.8			56983	☑	
414	ReflexEZS			-54.9	308.6			56790	☑	
417	ReflexEZS			-54.8	308.7			56866	☑	
420	ReflexEZS			-54.8	308.8			56900	☑	
423	ReflexEZS			-54.6	309			56940	☑	
426	ReflexEZS			-54.6	308.9			56957	☑	
429	ReflexEZS			-54.5	307.7			56824	☑	
432	ReflexEZS			-54.6	308.5			56912	☑	
435	ReflexEZS			-54.7	308.6			56953	☑	
438	ReflexEZS			-54.9	309.3			56859	☑	
441	ReflexEZS			-54.9	309.6			56989	☑	
444	ReflexEZS			-54.8	309.3			56830	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
447	ReflexEZS			-54.7	307.8			56817	☑	
450	ReflexEZS			-54.7	307.7			56743	☑	
453	ReflexEZS			-54.7	308.3			57040	☑	
456	ReflexEZS			-54.7	309.8			56835	☑	
459	ReflexEZS			-54.7	309.8			56669	☑	
462	ReflexEZS			-54.6	309.7			56730	☑	
465	ReflexEZS			-54.5	310.1			57136	☑	
468	ReflexEZS			-54.6	310.3			57038	☑	
471	ReflexEZS			-54.6	310.1			56997	☑	
474	ReflexEZS			-54.5	310.4			56927	☑	
477	ReflexEZS			-54.5	310.7			56920	☑	
480	ReflexEZS			-54.4	310.6			56909	☑	
483	ReflexEZS			-54.4	310.5			56725	☑	
486	ReflexEZS			-54.4	310.3			56884	☑	
489	ReflexEZS			-54.4	309.5			56796	☑	
492	ReflexEZS			-54.4	311.1			56896	☑	
495	ReflexEZS			-54.5	311.2			56894	☑	
498	ReflexEZS			-54.5	311.2			56757	☑	
501	ReflexEZS			-54.5	311			56803	☑	
504	ReflexEZS			-54.5	311.8			56940	☑	
507	ReflexEZS			-54.5	312.1			56949	☑	
510	ReflexEZS			-54.5	312.3			56961	☑	
513	ReflexEZS			-54.5	312.3			56969	☑	
516	ReflexEZS			-54.5	311.2			56850	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
519	ReflexEZS			-54.4	312.8			56933	☑	
522	ReflexEZS			-54.5	312.5			56898	☑	
525	ReflexEZS			-54.7	313.1			56977	☑	
528	ReflexEZS			-54.7	313.3			57039	☑	
531	ReflexEZS			-54.6	313.6			56909	☑	
534	ReflexEZS			-54.5	313			56860	☑	
537	ReflexEZS			-54.5	313.5			56236	☑	
540	ReflexEZS			-54.5	313.9			57046	☑	
546	ReflexEZS			-54.3	313.3			56852	☑	
549	ReflexEZS			-54.3	313.9			57107	☑	
552	ReflexEZS			-54.1	312.7			56701	☑	
555	ReflexEZS			-54.1	311.8			56344	☑	
558	ReflexEZS			-54.4	312.4			56662	☑	
561	ReflexEZS			-54.4	313.2			56823	☑	
564	ReflexEZS			-54.4	312.7			56917	☑	
567	ReflexEZS			-54.3	314.2			56901	☑	
570	ReflexEZS			-54.3	311.4			56946	☑	
576	ReflexEZS			-54.3	312.4			57010	☑	
579	ReflexEZS			-54.3	313.7			56667	☑	
582	ReflexEZS			-54.4	313.7			57091	☑	
585	ReflexEZS			-54.3	314.4			57309	☑	
588	ReflexEZS			-54.3	314.5			57274	☑	
591	ReflexEZS			-54.2	314.5			56974	☑	
594	ReflexEZS			-54.1	314.9			57028	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
597	ReflexEZS			-54	314.8			57179	☑	
600	ReflexEZS			-53.9	315			56511	☑	
603	ReflexEZS			-53.9	314.7			56997	☑	
606	ReflexEZS			-53.8	312.1			56764	☑	
609	ReflexEZS			-53.8	313.3			56468	☑	
612	ReflexEZS			-53.7	314.3			56813	☑	
615	ReflexEZS			-53.6	313.4			56823	☑	
618	ReflexEZS			-53.5	315			57052	☑	
621	ReflexEZS			-53.5	315.1			57065	☑	
624	ReflexEZS			-53.6	315.5			57028	☑	
627	ReflexEZS			-53.6	314			56118	☑	
630	ReflexEZS			-53.6	315.5			56597	☑	
633	ReflexEZS			-53.6	316.2			56850	☑	
636	ReflexEZS			-53.6	316.3			56985	☑	
639	ReflexEZS			-53.6	316			56905	☑	
642	ReflexEZS			-53.7	316.3			56861	☑	
645	ReflexEZS			-53.7	316.1			56841	☑	
648	ReflexEZS			-53.8	315.4			56861	☑	
651	ReflexEZS			-54	315			56837	☑	
654	ReflexEZS			-54	312.9			56515	☑	
657	ReflexEZS			-53.9	314.5			56914	☑	
660	ReflexEZS			-53.9	313.9			56732	☑	
663	ReflexEZS			-53.8	314.5			57043	☑	
666	ReflexEZS			-53.7	315			56890	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
669	ReflexEZS			-53.7	314.5			56887	☑	
672	ReflexEZS			-53.6	314.5			56661	☑	
675	ReflexEZS			-53.5	315.9			57062	☑	
678	ReflexEZS			-53.5	315.3			56653	☑	
681	ReflexEZS			-53.4	315.6			56751	☑	
684	ReflexEZS			-53.4	315.9			56963	☑	
687	ReflexEZS			-53.3	315.4			56472	☑	
690	ReflexEZS			-53.2	316.4			57073	☑	
693	ReflexEZS			-53.1	315.7			56738	☑	
696	ReflexEZS			-53	315.4			56566	☑	
699	ReflexEZS			-53	315.9			56618	☑	
702	ReflexEZS			-52.9	316			56710	☑	
705	ReflexEZS			-53	315.9			56708	☑	
708	ReflexEZS			-52.9	315.5			56887	☑	
711	ReflexEZS			-52.8	315.6			56965	☑	
714	ReflexEZS			-52.8	315.9			56995	☑	
717	ReflexEZS			-52.7	316.6			56958	☑	
720	ReflexEZS			-52.6	316.4			56857	☑	
723	ReflexEZS			-52.6	316.3			56857	☑	
726	ReflexEZS			-52.6	316.5			56874	☑	
729	ReflexEZS			-52.8	317.2			56746	☑	
732	ReflexEZS			-52.9	317.2			57014	☑	
735	ReflexEZS			-52.8	317.3			57101	☑	
738	ReflexEZS			-52.7	317.5			56984	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
741	ReflexEZS			-52.6	317.2			56894	☑	
744	ReflexEZS			-52.6	317.3			57109	☑	
747	ReflexEZS			-52.5	317.2			57066	☑	
750	ReflexEZS			-52.5	317.3			56960	☑	
753	ReflexEZS			-52.4	317.3			56986	☑	
756	ReflexEZS			-52.4	317.2			56994	☑	
759	ReflexEZS			-52.4	317.5			56970	☑	
762	ReflexEZS			-52.5	317.8			56971	☑	
765	ReflexEZS			-52.5	317.9			56953	☑	
768	ReflexEZS			-52.5	317.5			56930	☑	
771	ReflexEZS			-52.5	317.6			56981	☑	
774	ReflexEZS			-52.5	318.2			56952	☑	
777	ReflexEZS			-52.4	318.3			56979	☑	
780	ReflexEZS			-52.4	318.3			56992	☑	
783	ReflexEZS			-52.3	318.3			56975	☑	
786	ReflexEZS			-52.4	318.4			56948	☑	
789	ReflexEZS			-52.3	318.3			56911	☑	
792	ReflexEZS			-52.3	318.3			56904	☑	
795	ReflexEZS			-52.3	318.3			56905	☑	
798	ReflexEZS			-52.3	318.2			56896	☑	
801	ReflexEZS			-52.2	318.1			56886	☑	
804	ReflexEZS			-52.1	318			56913	☑	
807	ReflexEZS			-52	318.1			56979	☑	
810	ReflexEZS			-52	318			56980	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
813	ReflexEZS			-52	317.9			56951	☑	
816	ReflexEZS			-51.9	318.1			56973	☑	
819	ReflexEZS			-51.9	318.1			56964	☑	
822	ReflexEZS			-51.9	318			56980	☑	
825	ReflexEZS			-51.9	318.1			56968	☑	
828	ReflexEZS			-51.9	318			56955	☑	
831	ReflexEZS			-51.8	318			56956	☑	
834	ReflexEZS			-51.8	317.9			56955	☑	
837	ReflexEZS			-51.8	318			56951	☑	
840	ReflexEZS			-51.8	318			56947	☑	
843	ReflexEZS			-51.7	318			56957	☑	
846	ReflexEZS			-51.7	318.1			56945	☑	
849	ReflexEZS			-51.7	318			56953	☑	
852	ReflexEZS			-51.7	318.1			56942	☑	
855	ReflexEZS			-51.6	318			56938	☑	
858	ReflexEZS			-51.6	317.9			56945	☑	
861	ReflexEZS			-51.6	317.9			56960	☑	
864	ReflexEZS			-51.5	317.9			56925	☑	
867	ReflexEZS			-51.5	317.9			56949	☑	
870	ReflexEZS			-51.4	317.9			56940	☑	
873	ReflexEZS			-51.4	317.9			56939	☑	
876	ReflexEZS			-51.3	318			56934	☑	
879	ReflexEZS			-51.3	317.9			56948	☑	
882	ReflexEZS			-51.3	317.9			56942	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
885	ReflexEZS			-51.2	317.9			56933	☑	
888	ReflexEZS			-51.2	317.9			56947	☑	
891	ReflexEZS			-51.2	317.8			56946	☑	
894	ReflexEZS			-51.1	317.9			56948	☑	
897	ReflexEZS			-51.1	317.8			56954	☑	
900	ReflexEZS			-51.1	317.8			56958	☑	
903	ReflexEZS			-51	317.8			56971	☑	
906	ReflexEZS			-51	317.7			56975	☑	
909	ReflexEZS			-51	317.8			56970	☑	
912	ReflexEZS			-50.9	317.9			56999	☑	
915	ReflexEZS			-50.9	317.8			56987	☑	
918	ReflexEZS			-50.9	317.9			56971	☑	
921	ReflexEZS			-50.8	317.9			56983	☑	
924	ReflexEZS			-50.8	317.9			57030	☑	
927	ReflexEZS			-50.7	318			57021	☑	
930	ReflexEZS			-50.7	317.8			56933	☑	
936	ReflexEZS			-50.7	317.8			56829	☑	
939	ReflexEZS			-50.6	317.8			56841	☑	
942	ReflexEZS			-50.5	318.2			56896	☑	
945	ReflexEZS			-50.4	318			56843	☑	
948	ReflexEZS			-50.4	318			56980	☑	
951	ReflexEZS			-50.4	318.6			56920	☑	
954	ReflexEZS			-50.4	318.8			56907	☑	
957	ReflexEZS			-50.4	318.8			56905	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
960	ReflexEZS			-50.5	319			56907	☑	
963	ReflexEZS			-50.4	319.3			56898	☑	
966	ReflexEZS			-50.5	319.5			56896	☑	
969	ReflexEZS			-50.4	319.9			56907	☑	
972	ReflexEZS			-50.3	320.1			56913	☑	
975	ReflexEZS			-50.3	320.2			56894	☑	
978	ReflexEZS			-50.4	320.1			56913	☑	
981	ReflexEZS			-50.3	320.4			56926	☑	
984	ReflexEZS			-50.2	320.5			56971	☑	
987	ReflexEZS			-50.3	320.6			56983	☑	
990	ReflexEZS			-50.3	320.7			57009	☑	
993	ReflexEZS			-50.3	320.7			57060	☑	
996	ReflexEZS			-50.3	320.6			57062	☑	
999	ReflexEZS			-50.3	320.6			57020	☑	
1002	ReflexEZS			-50.3	320.6			56850	☑	
1005	ReflexEZS			-50.3	320.3			56550	☑	
1008	ReflexEZS			-50.4	320.6			56696	☑	
1011	ReflexEZS			-50.3	321.1			56925	☑	
1014	ReflexEZS			-50.4	320.7			56809	☑	
1017	ReflexEZS			-50.3	321			56869	☑	
1020	ReflexEZS			-50.4	321.3			56757	☑	
1023	ReflexEZS			-50.5	320.7			56942	☑	
1026	ReflexEZS			-50.5	321.9			55593	☑	
1029	ReflexEZS			-50.5	321.1			56920	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
1032	ReflexEZS			-50.5	321.1			56791	☑	
1035	ReflexEZS			-50.5	320.8			56884	☑	
1038	ReflexEZS			-50.5	321.2			56922	☑	
1041	ReflexEZS			-50.5	321.5			57086	☑	
1044	ReflexEZS			-50.6	322.8			57268	☑	
1047	ReflexEZS			-50.6	321.3			56936	☑	
1050	ReflexEZS			-50.6	322.3			56775	☑	
1053	ReflexEZS			-50.6	322.3			56868	☑	
1056	ReflexEZS			-50.6	322.3			56919	☑	
1059	ReflexEZS			-50.6	322.3			57134	☑	
1062	ReflexEZS			-50.6	322.3			57089	☑	
1065	ReflexEZS			-50.6	322.8			57163	☑	
1068	ReflexEZS			-50.5	322.3			57131	☑	
1071	ReflexEZS			-50.6	321.8			57108	☑	
1074	ReflexEZS			-50.6	322.5			57014	☑	
1077	ReflexEZS			-50.6	323			57151	☑	
1080	ReflexEZS			-50.6	323.2			57190	☑	
1083	ReflexEZS			-50.6	323.4			57077	☑	
1086	ReflexEZS			-50.6	323.6			57211	☑	
1089	ReflexEZS			-50.6	323.1			57112	☑	
1092	ReflexEZS			-50.6	323.3			57164	☑	
1095	ReflexEZS			-50.7	323.2			57169	☑	
1098	ReflexEZS			-50.6	323.2			57173	☑	
1101	ReflexEZS			-50.5	323.4			57149	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
1104	ReflexEZS			-50.6	323.5			57147	☑	
1107	ReflexEZS			-50.7	323.4			57163	☑	
1110	ReflexEZS			-50.7	323.4			57081	☑	
1113	ReflexEZS			-50.6	323.4			57115	☑	
1116	ReflexEZS			-50.6	323.6			57056	☑	
1119	ReflexEZS			-50.5	324			57163	☑	
1122	ReflexEZS			-50.4	324.1			57191	☑	
1125	ReflexEZS			-50.5	323.7			56990	☑	
1128	ReflexEZS			-50.5	323.9			57087	☑	
1131	ReflexEZS			-50.5	324.2			57000	☑	
1134	ReflexEZS			-50.5	324.6			57024	☑	
1137	ReflexEZS			-50.5	324.8			57133	☑	
1140	ReflexEZS			-50.5	324.9			56803	☑	
1143	ReflexEZS			-50.5	325.3			56048	☑	
1146	ReflexEZS			-50.4	325.8			56481	☑	
1149	ReflexEZS			-50.4	325			56838	☑	
1152	ReflexEZS			-50.3	325.2			56893	☑	
1155	ReflexEZS			-50.4	325.6			56996	☑	
1158	ReflexEZS			-50.3	325.3			57014	☑	
1161	ReflexEZS			-50.3	325.2			56959	☑	
1164	ReflexEZS			-50.4	324.6			57011	☑	
1167	ReflexEZS			-50.3	324.2			57152	☑	
1170	ReflexEZS			-50.2	325.3			57065	☑	
1173	ReflexEZS			-50.2	323.9			57121	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
1176	ReflexEZS			-50.2	324.3			57377	☑	
1179	ReflexEZS			-50.2	325			57053	☑	
1182	ReflexEZS			-50.1	325.3			57263	☑	
1185	ReflexEZS			-50	324.5			57111	☑	
1188	ReflexEZS			-50	324.8			56978	☑	
1194	ReflexEZS			-49.9	324.2			56605	☑	
1197	ReflexEZS			-49.8	326.1			57043	☑	
1200	ReflexEZS			-49.8	326.1			57040	☑	
1203	ReflexEZS			-49.8	325.8			57049	☑	
1206	ReflexEZS			-49.7	325.8			57060	☑	
1209	ReflexEZS			-49.7	325.2			57001	☑	
1212	ReflexEZS			-49.6	325.2			56966	☑	
1215	ReflexEZS			-49.6	325.6			57022	☑	
1218	ReflexEZS			-49.6	325.6			57012	☑	
1221	ReflexEZS			-49.5	325.5			56978	☑	
1224	ReflexEZS			-49.6	325.9			57041	☑	
1227	ReflexEZS			-49.6	325.7			56955	☑	
1230	ReflexEZS			-49.5	325.9			56992	☑	
1233	ReflexEZS			-49.5	326			57002	☑	
1236	ReflexEZS			-49.5	326.3			56964	☑	
1239	ReflexEZS			-49.4	325.3			57087	☑	
1242	ReflexEZS			-49.5	325.3			57087	☑	
1245	ReflexEZS			-49.4	325.9			57002	☑	
1248	ReflexEZS			-49.4	325.9			56997	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
1251	ReflexEZS			-49.3	326.1			57177	☑	
1254	ReflexEZS			-49.3	327.4			57203	☑	
1257	ReflexEZS			-49.3	327.5			57095	☑	
1260	ReflexEZS			-49.3	327.6			57073	☑	
1263	ReflexEZS			-49.3	327.9			57084	☑	
1266	ReflexEZS			-49.3	327.3			57013	☑	
1269	ReflexEZS			-49.3	327.7			57024	☑	
1272	ReflexEZS			-49.2	328.1			57103	☑	
1275	ReflexEZS			-49.2	328.9			56972	☑	
1278	ReflexEZS			-49.2	328.7			57016	☑	
1281	ReflexEZS			-49.1	329.1			57060	☑	
1284	ReflexEZS			-49.2	328.9			57082	☑	
1287	ReflexEZS			-49.2	329			57081	☑	
1290	ReflexEZS			-49.2	329			57045	☑	
1293	ReflexEZS			-49.2	329			57048	☑	
1296	ReflexEZS			-49.2	329.1			57015	☑	
1299	ReflexEZS			-49.1	329			57156	☑	
1302	ReflexEZS			-49.2	329.4			57150	☑	
1305	ReflexEZS			-49.1	329.8			57148	☑	
1308	ReflexEZS			-49.1	330.1			57151	☑	
1311	ReflexEZS			-49.1	330.1			57156	☑	
1314	ReflexEZS			-49.2	330			57113	☑	
1317	ReflexEZS			-49.3	329.7			57004	☑	
1320	ReflexEZS			-49.2	329			57177	☑	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
1323	ReflexEZS			-49.2	329			56857	☑	
1326	ReflexEZS			-49.2	329.6			56973	☑	
1329	ReflexEZS			-49.2	329.8			57026	☑	
1332	ReflexEZS			-49.2	329.2			56928	☑	
1335	ReflexEZS			-49.2	329.4			57112	☑	
1353	ReflexEZS			-49.2	329.8			56720	☑	
1356	ReflexEZS			-49.3	330.3			56745	☑	
1359	ReflexEZS			-49.3	330.2			56886	☑	
1362	ReflexEZS			-49.2	330.2			56886	☑	
1365	ReflexEZS			-49.3	331.1			57123	☑	
1368	ReflexEZS			-49.3	330.3			57059	☑	
1371	ReflexEZS			-49.2	330.4			56860	☑	
1374	ReflexEZS			-49.2	330.5			56890	☑	

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	**3.00**	**OB**	**Overburden**											
Overburden														
3.00	**9.50**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Mafic Volcanic: medium to light grey; 25% patches and fracture infill of strong orange/pink feldspar alteration; very fine grained; weak foliation at 30 degrees TCA; Sharp lower contact at 30 degrees														
<<Alt: 3 - 9.5: strong Silicification / moderate K-feldspar>>														
9.50	**10.90**	**I2**	**Intermediate intrusive**	**medium green**	**GS2**									
Intermediate Dyke: massive; medium grained; 25% pink 1-2mm size andedral feldspar phenocrysts; sharp upper (30) contact and broken core at lower contact.														
10.90	**20.50**	**E1**	**mafic volcanics**	**medium grey**	**GS1**									
Mafic Volcanic: medium grey colour; fine grained; 15% patches and fracture filled k-spar + silica alteration														
<<Alt: 10.9 - 20.5: strong Silicification / strong K-feldspar>>														
<<Struc: 14.2 - 14.3: complete Fault - breccia gouge 60 deg. >> Narrow (0.1m) fault zone with re-healed light green breccia gouge														
20.50	**21.90**	**I2**	**Intermediate intrusive**	**medium grey**	**GS2**									
Interedriate Dyke: medium grained; light to medium grey; massive; sharp upper (50) and lower (40) contacts														
21.90	**25.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: massive but with minor intervals of weak foliation at 40 degrees; fine grained;														
25.40	**25.90**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
Mafic Dyke: dark green; massive; medium grained														
25.90	**32.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: <15% narrow mafic dykes <0.1m in width throughout the interval.														
32.80	**35.30**	**I1A**	**Gabbro**	**dark green**	**GS2**									
Intrusive Gabbro: dark green; massive; medium grained; 34.6-34.9m pink feldspar altered qtz vein														
35.30	**37.20**	**I3C**	**Granodiorite**	**medium grey**	**GS2**									
Intrusive Granodiorite: Intermediate to felsic dyke; medium grained; massive; sharp upper (50) and lower (30)														
37.20	**45.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: weakly foliated at 30 degrees; fine grained; <5% very minor dark green mafic dykes <0.1m in width														
45.50	**46.00**	**I1**	**Mafic intrusive**	**dark green**	**GS1**									
Mafic Dyke: dark green; massive; fine grained; sharp upper (40) and lower (40) contacts														

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From (m)	To (m)		Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
46.00	**50.00**	**E1**	**mafic volcanics**		**GS1**									
Mafic Volcanic: weak foliation at 30 degrees TCA														
50.00	**50.70**	**E1**	**mafic volcanics**	**dark grey**	**GS2**									
Mafic Dyke: 25% 2-5mm size pink feldspar phenocrysts														
50.70	**51.60**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
as above														
51.60	**52.20**	**I1**	**Mafic intrusive**	**dark green**	**GS1**									
Narrow dark green mafic dyke with sharp upper (15) and lower (25) contacts														
52.20	**53.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**									
as above														
53.50	**54.00**	**I1**	**Mafic intrusive**	**dark green**	**GS2**									
Mafic Dyke: dark green; massive; medium grained														
54.00	**85.30**	**E1**	**mafic volcanics**	**dark grey**	**GS1**	54.00	55.00	1.00	292101	0.015				
Mafic Volcanic: dark green/black: very fine grained; massive with no foliation; 66-66.3m narrow mafic dyke; 77-77.2m pink feldspar granite dyke; sharp lower contact with intermediate volcanic at 20 degrees TCA														
<<Alt: 54 - 57: strong Silicification / moderate K-feldspar>>						55.00	56.00	1.00	292102	0.0025				
<<Struc: 57 - 58: strong Fault - breccia gouge 30 deg. >>						56.00	57.00	1.00	292103	0.0025				
						57.00	58.00	1.00	292104	0.0025				
						58.00	59.00	1.00	292105	0.007				
						59.00	60.00	1.00	292106	0.0025				
						60.00	61.00	1.00	292107	0.0025				
85.30	**104.60**	**E2**	**Intermediate**	**medium grey**	**GS1**	89.00	90.00	1.00	292108	0.0025				
Intermediate Volcanic: strong foliation at 30 degrees TCA, light to medium grey; weak mottled texture due to silicification; trace% disseminated PY mineralization														
<<Min: 92 - 102: 0.5% pyrite>>						90.00	91.00	1.00	292109	0.0025				
						91.00	92.00	1.00	292110	0.01				
						92.00	93.00	1.00	292111	0.007				
						93.00	94.00	1.00	292112	0.0025				
						94.00	95.00	1.00	292113	0.0025				
						95.00	96.00	1.00	292114	0.0025				

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From (m)	To (m)		Rock Type & Description		
104.60	**107.00**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
Mafic Dyke: dark green; medium grained; massive; sharp upper (35) and lower (45) contacts					
107.00	**109.00**	**E2**	**Intermediate**	**medium grey**	**GS1**
Intermediate Volcanic: purple/grey colour; very fine grained; strong foliation at 40 degrees					
109.00	**112.50**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
Mafic Dyke: medium to dark green; 111.3-111.4m feldspar porphyry dyke; 111.4-112.5m coarse grained gabbro					
112.50	**117.70**	**I3R**	**Quartz-feldspar porphyry**	**"reddish"**	
Quartz-Feldspar Porphyry dyke: pink to light grey colour; srong feldspar alteration; 10% 1-2mm size white phenocrysts; broken core throughout interval					
117.70	**119.50**	**E2**	**Intermediate**	**medium grey**	**GS1**
Intermediate Volcanic: moderate pervasive silica alteration; strong foliation at 30 degrees TCA					
119.50	**120.20**	**I1**	**Mafic intrusive**	**dark green**	**GS3**
Mafic Dyke: dark green; coarse grained; massive					
120.20	**126.90**	**E2**	**Intermediate**	**medium grey**	**GS0**
Intermediate Volcanic: medium grey; pervasive silica alteration; 122.8-122.9m + 123.1+123.5m mafic dyke					
126.90	**128.40**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
Mafic Dyke: dark green; massvie; fine grained; sharp upper (45) and lower (50) contacts					
128.40	**144.30**	**E2**	**Intermediate**	**dark grey**	**GS1**
Intermediate to mafic volcanic: very weak pervasive silica alteration; weak foliation at 30 degrees TCA					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
96.00	97.00	1.00	292115	0.0025				
97.00	98.00	1.00	292116	0.0025				
98.00	99.00	1.00	292117	0.021				
99.00	100.00	1.00	292118	0.0025				
100.00	101.00	1.00	292119	0.0025				
101.00	102.00	1.00	292121	0.0025				
102.00	103.00	1.00	292122	0.0025				
111.30	112.50	1.20	292123	0.0025				
112.50	114.00	1.50	292124	0.012				
114.00	115.50	1.50	292125	0.0025				
115.50	117.00	1.50	292126	0.007				
117.00	117.70	0.70	292127	0.0025				
117.70	118.80	1.10	292128	0.0025				

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From (m)	To (m)	Rock Type & Description		
144.30	**146.10**	**I1A** **Gabbro**	**dark green**	**GS3**
Intrusive Gabbro dyke: dark green; very irregular upper contact				
146.10	**148.60**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: massive; dark grey; weak foliation at 25 degrees TCA				
148.60	**156.30**	**E1** **mafic volcanics**	**dark green**	**GS1**
Mafic Volcanic: dark green; very weak pervasive silica alteration; Mafic Dykes 148.7-150.2m + 151.2-152.9m + 153.9-154.6m + 155.8-156.3m				
156.30	**170.60**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: very weak foliation at 35 degrees; mafic dyke at 162.3-162.6m + 164.5-165m				
170.60	**172.10**	**I1A** **Gabbro**	**dark grey**	**GS3**
Intrusive Gabbro: coarse grained; massive with intrusive like texture; sharp upper (40) and lower (20) contacts				
172.10	**175.00**	**E1** **mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; massive; very fine grained				
175.00	**176.20**	**I1** **Mafic intrusive**	**dark grey**	**GS2**
Porphyritic Mafic Intrusive Dyke: 15% 1-2mm anhedral white feldspar; sharp upper (70) and lower (50) contacts				
176.20	**185.60**	**E1** **mafic volcanics**	**dark grey**	**GS1**
As above				
185.60	**186.60**	**I1A** **Gabbro**	**dark green**	**GS3**
Intrusive Gabbro: dark green, massive; coarse grained; sharp upper (40) and lower (40) contacts				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
159.00	160.00	1.00	292129	0.006				
160.00	161.00	1.00	292130	0.0025				
161.00	162.00	1.00	292131	0.0025				
162.00	163.00	1.00	292132	0.0025				
163.00	164.00	1.00	292133	0.0025				
164.00	165.00	1.00	292134	0.0025				
165.00	166.00	1.00	292135	0.0025				
166.00	167.00	1.00	292136	0.005				
167.00	168.00	1.00	292137	0.007				
168.00	169.00	1.00	292138	0.0025				
169.00	170.00	1.00	292139	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
186.60	**187.40**	**E1 mafic volcanics**	**medium grey**	**GS0**									
Altered Mafic Volcanic: medium grey; aphanitic grain size; strong foliation at 40 degrees													
187.40	**207.10**	**I1 Mafic intrusive**	**medium grey**	**GS1**									
Mafic Intrusive Dyke: fine to medium grained; light to medium grey; 203.9-204.7m fracturing and discing of core													
<<Struc: 203.9 - 204.7: intense Fracture 75 deg. >> discing and fracturing of core													
207.10	**215.20**	**E1 mafic volcanics**	**dark grey**	**GS1**	211.00	212.00	1.00	292141	0.006				
Mafic Volcanic: dark grey; massive; strong silica alteration and foliation (40) from 212.9-215.2m; minor mafic gabbro dyke 214.2-214.3m													
					212.00	212.90	0.90	292142	0.0025				
					212.90	214.00	1.10	292143	0.008				
					214.00	215.20	1.20	292144	0.0025				
215.20	**217.40**	**I1A Gabbro**	**dark green**	**GS3**									
Intrusive Gabbro Dyke: dark green; coarse grained; sharp upper (40) and lower (40) contacts													
					215.20	216.10	0.90	292145	0.0025				
					216.10	217.40	1.30	292146	0.0025				
217.40	**241.20**	**E1 mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: weak silica alteration as discrete patches/intervals; moderate to strong foliation at 40 degrees TCA; mineralized mafic dyke from 220-220.5m with intense silica alteration at both upper and lower contacts													
<<Min: 220 - 220.5: 1% pyrite>> disseminated PY mineralization within mafic dyke													
					217.40	219.00	1.60	292147	0.0025				
					219.00	220.00	1.00	292148	0.008				
					220.00	221.00	1.00	292149	0.0025				
					221.00	222.00	1.00	292150	0.0025				
					222.00	223.00	1.00	292151	0.0025				
					223.00	224.00	1.00	292152	0.0025				
					224.00	225.00	1.00	292153	0.0025				
					225.00	226.00	1.00	292154	0.0025				
241.20	**241.90**	**I1 Mafic intrusive**	**medium grey**	**GS2**									
Mafic Dyke: dark green; massive; fine to medium grained; sharp upper (35) and lower (35) contacts													

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
241.90	**245.80**	**E1 mafic volcanics**	**dark grey**	**GS0**									
Mafic Volcanic: moderate pervasive silica alteration; weak foliation at 30 degrees TCA													
245.80	**246.80**	**I1 Mafic intrusive**	**dark grey**	**GS1**									
Mafic Dyke: massive; fine to medium grained; sharp upper (60) and lower (65) contacts													
246.80	**258.70**	**E1 mafic volcanics**	**dark grey**	**GS1**									
Mafic Volcanic: weak foliation at 30 degrees TCA; very weak pervasive silica alteration													
258.70	**318.40**	**I1 Mafic intrusive**	**dark grey**	**GS1**	277.00	278.00	1.00	292155	0.0025				
Mafic Intrusive: very massive with almost no structure; minor qtz veinlet zone from 279.2-279.6m + 298.9-299.2m; gradational lower contact													
<<Alt: 279.2 - 279.6: strong Chlorite>> Chlorite alteration associated with qtz veinlet zone					278.00	279.20	1.20	292156	0.0025				
<<Alt: 298.9 - 299.2: moderate Silicification / weak Feldspar>>					279.20	279.80	0.60	292157	0.0025				
<<Vein: 279.2 - 279.6: 100% Quartz vein contain >90% quartz>> qtz veinlet zone with strong chlorite alteration					279.80	281.00	1.20	292158	0.0025				
<<Vein: 299 - 299.2: 50% Quartz vein contain >90% quartz>> late minor qtz vein with chlorite/feldspar alteration					281.00	282.00	1.00	292159	0.0025				
318.40	**328.50**	**E1 mafic volcanics**	**medium grey**	**GS0**									
Mafic Volcanic: weak to moderate pervasive silica alteration; weak foliation at 30 degrees TCA													
328.50	**328.80**	**I1 Mafic intrusive**	**medium green**	**GS2**									
Mafic Dyke: minor intrusion with sharp upper (30) and lower (30) contacts; massive; medium green in colour													
328.80	**334.00**	**E1 mafic volcanics**	**medium grey**	**GS0**									
Mafic Volcanic: weak pervasive silica alteration; moderate foliation at 30 degrees TCA													
334.00	**334.40**	**I3S Feldspar porphyry**	**light grey**	**GS2**									
Felsic Dyke: feldspar porphyry; 1-2 mm size white feldspar phenocrysts; sharp upper (50) and lower (50) contacts													
334.40	**340.80**	**E1 mafic volcanics**	**dark grey**	**GS1**									
same as interval above													
340.80	**341.30**	**I1 Mafic intrusive**	**dark green**	**GS2**									
Mafic Intrusive: dark green; massive; medium grained; sharp upper (50) and lower (50) contacts													
341.30	**342.60**	**E1 mafic volcanics**	**dark grey**	**GS1**									
as above													
342.60	**343.00**	**I1 Mafic intrusive**	**dark green**	**GS1**									
Mafic Dyke: dark grey; massive; sharp upper (50) and lower (50) contacts													

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From (m)	To (m)		Rock Type & Description		
343.00	**348.70**	**E1**	**mafic volcanics**	**dark grey**	**GS0**
Mafic Volcanic: dark grey; weak to moderate foliation at 35 degrees TCA					
348.70	**357.00**	**I1**	**Mafic intrusive**	**dark grey**	**GS2**
Mafic Intrusive: dark grey; fine to medium grained; 15% 2-10mm size white qtz phenocrysts; sharp upper (30) and lower (20) contacts					
357.00	**360.60**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: weak pervasive silica alteration; moderate foliation at 40 degrees TCA					
360.60	**361.50**	**I1**	**Mafic intrusive**	**medium green**	**GS2**
Mafic Dyke: fine grained; massive; medium green colour					
361.50	**363.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
as above					
363.20	**364.70**	**I1**	**Mafic intrusive**	**medium grey**	**GS2**
Mafic Dyke: medium grey; 25% minor interval of mafic volcanic					
364.70	**380.90**	**E3S**	**Volcaniclastic sediments**	**medium grey**	**GS0**
Mafic Volcanic sediment/tuff?: <10% minor washed out and deformed ligher coloured clasts ranging in size from 2-15mm; strong silica alteration as discrete bands producing mottled texture.					
<<Alt: 364.7 - 380.9: moderate Silicification>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
366.00	367.00	1.00	292161	0.0025				
367.00	368.00	1.00	292162	0.0025				
368.00	369.00	1.00	292163	0.0025				
369.00	370.00	1.00	292164	0.0025				
370.00	371.00	1.00	292165	0.0025				
371.00	372.00	1.00	292166	0.0025				
372.00	373.00	1.00	292167	0.012				
373.00	374.00	1.00	292168	0.0025				
374.00	375.00	1.00	292169	0.0025				
375.00	376.00	1.00	292170	0.007				
376.00	377.00	1.00	292171	0.0025				
377.00	378.00	1.00	292172	0.0025				
378.00	379.00	1.00	292173	0.007				
379.00	380.00	1.00	292174	0.0025				
380.00	380.90	0.90	292175	0.0025				

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From (m)	To (m)		Rock Type & Description		
380.90	**381.30**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**
Minor mafic dyke					
381.30	**385.70**	**E1S**	**Volcaniclastic sediments**	**medium grey**	**GS0**
Mafic volcanic sediment: strong foliation at 40 degrees TCA; 5% deformed and stretched out clasts; mottled texture due to patchy silica alteration					
<<Alt: 381.3 - 385.7: weak Silicification>>					
385.70	**386.60**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
Mafic Dyke: minor white qtz vein with blebs of PY mineralization at 385.9m					
<<Min: 385.7 - 385.8: 10% pyrite>> blebs of PY mineralization within white Qtz vein					
386.60	**425.30**	**E1S**	**Volcaniclastic sediments**	**medium grey**	**GS1**
Mafic volcanic sediment/fragmental: light to medium grey in colour; 386.6-402m 30% light grey/white clasts ranging in size from 2-15mm, clasts are deformed and stretched parallel to foliation; 402-425.3m pervasive silica alteration as discrete patches					
<<Min: 414 - 420.5: 0.5% pyrite>>					
<<Min: 420.8 - 425.3: 2% pyrite>>					
<<Alt: 404 - 420: moderate Silicification>>					
<<Alt: 420.7 - 425.3: strong Silicification>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
380.90	382.00	1.10	292176	0.0025				
382.00	383.00	1.00	292177	0.0025				
383.00	384.00	1.00	292178	0.0025				
384.00	385.00	1.00	292179	0.0025				
385.00	385.70	0.70	292181	0.0025				
385.70	386.60	0.90	292182	0.012				
386.60	388.00	1.40	292183	0.0025				
388.00	389.00	1.00	292184	0.0025				
389.00	390.00	1.00	292185	0.0025				
390.00	391.00	1.00	292186	0.0025				
391.00	392.00	1.00	292187	0.0025				
392.00	393.00	1.00	292188	0.0025				
393.00	394.00	1.00	292189	0.0025				
394.00	395.00	1.00	292190	0.0025				
395.00	396.00	1.00	292191	0.0025				
409.00	410.00	1.00	292192	0.0025				
410.00	411.00	1.00	292193	0.0025				
411.00	412.00	1.00	292194	0.0025				
412.00	413.00	1.00	292195	0.0025				

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From (m)	To (m)		Rock Type & Description		
425.30	**430.80**	**E1**	**mafic volcanics**	**medium grey**	**GS0**
Mafic Volcanic: moderate to dark grey; very fine grained; weak foliation at 40 degrees TCA; weak pervasive silica alteration <<Alt: 425.3 - 430.8: weak Silicification>>					
430.80	**431.50**	**I1A**	**Gabbro**	**dark green**	**GS3**
Gabbro Dyke: dark green; coarse grained; massive; sharp upper (35) and lower (35) contacts					
431.50	**452.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Massive mafic volcanic: fine grained; <1% white background qtz stringers; weak pervasive silica alteration with stronger patches from 436-452m; gradational and undefined lower contact					
452.00	**473.40**	**E2**	**Intermediate**	**medium grey**	**GS0**
Intermediate volcanic: medium with mottled patches of light grey intervals; weak pervasive silica alteration with 40% intervals of strong silica alteration; mafic dykes from 454.2-454.4m + 457.3-457.6m + 459-459.2m; minor patches of pink feldspar alteration as fractures and associated with silica alt.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
413.00	414.00	1.00	292196	0.0025				
414.00	415.00	1.00	292197	0.0025				
415.00	416.00	1.00	292198	0.0025				
416.00	417.00	1.00	292199	0.0025				
417.00	418.00	1.00	292201	0.0025				
418.00	419.00	1.00	292202	0.0025				
419.00	420.00	1.00	292203	0.0025				
420.00	421.00	1.00	292204	0.0025				
421.00	422.00	1.00	292205	0.015				
422.00	423.00	1.00	292206	0.014				
423.00	424.00	1.00	292207	0.0025				
424.00	425.00	1.00	292208	0.0025				
425.00	426.00	1.00	292209	0.0025				
426.00	427.00	1.00	292210	0.0025				
427.00	428.00	1.00	292211	0.0025				
428.00	429.00	1.00	292212	0.0025				
429.00	430.00	1.00	292213	0.005				
430.00	430.80	0.80	292214	0.006				

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From (m)	To (m)		Rock Type & Description		
473.40	**475.70**	**I1**	**Mafic intrusive**	**medium grey**	**GS2**
Mafic Dyke: dark green; 0.5-1% disseminated PY mineralization					
475.70	**496.70**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; very massive; no alteration and/or veining until after 490m with patches and intervals of weak to moderate pervasive silica alteration; broken core from 493.1-493.6m; narrow mafic dykes from 494.1-494.3m + 494.6-494.7m; 1-2% disseminated PY mineralization at 494.1m at contact with narrow mafic dyke					
<<Min: 494 - 494.1: 2% pyrite>> weak disseminated PY mineralization at contact with minor mafic dyke					
<<Alt: 490 - 496.7: weak Silicification>> pervasive silica alteration except in two late mafic dykes					
496.70	**498.80**	**I1**	**Mafic intrusive**	**medium grey**	**GS2**
Mafic Dyke: massive; light to moderate grey colour; medium grained; sharp upper (70) and lower (60) contacts					
498.80	**545.70**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: strong pervasive silica alteration from 498.8-500.3m and weak pervasive silica alt after 500.3m; weak foliation at 50 degrees TCA. Minor local pervasive Sericite alteration.					
<<Min: 505.5 - 506.5: sphalerite / 5% magnetite / pyrite>> Traces of yellowish sphalerite and patches of magneite asocciated with carbonates and minor Pyrite					
<<Alt: 498.8 - 500.3: strong Silicification / moderate K-feldspar>> strong silica alteration with minor pink k-spar alteration along late fractures					
<<Alt: 500.3 - 504: weak Silicification>>					
<<Alt: 504 - 508: moderate Sericite>> Irregular sericite alteration banded or Pervasive with minor carbonatization and Magneite bearing clasts.					
<<Alt: 536.4 - 538: moderate Sericite>> Banded alteration zone with minor late smocky quartz veins					
<<Alt: 545.3 - 545.7: moderate Hematitic>> Contact hematite alteration with minor pyrite					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
490.00	491.00	1.00	292215	0.005				
491.00	492.00	1.00	292216	0.0025				
492.00	493.60	1.60	292217	0.0025				
493.60	494.40	0.80	292218	0.0025				
494.40	495.50	1.10	292219	0.0025				
495.50	496.70	1.20	292221	0.0025				
496.70	498.00	1.30	292222	0.0025				
498.00	498.80	0.80	292223	0.0025				
498.80	500.30	1.50	292224	0.0025				
500.30	501.00	0.70	292225	0.0025				
501.00	502.00	1.00	292226	0.0025				
502.00	503.00	1.00	292227	0.0025				
503.00	504.00	1.00	292228	0.0025				
504.00	505.00	1.00	292229	0.0025				

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From (m)	To (m)	Rock Type & Description
545.70	**547.40**	**I1A Gabbro dark green GS2** Dark green medium grained gabbro dyke with 5% of disseminated carbonates (Calcite) . Weak magnetism. Dark green chloritized matrix. Hemtized upper and lower contact.Minor compersionn milimetrix smocky quartz vein.
547.40	**549.30**	**E1 mafic volcanics dark grey GS1** Dark grey weakly foliated mafic volcanics. Irregular moderate banded foliation. Weak hematite alteration along gabbro contact.
549.30	**550.60**	**I1A Gabbro dark green GS2** Dark green medium grained gabbro dyke with 5% of disseminated carbonates (Calcite) . Weak magnetism. Dark green chloritized matrix. Hemtized upper and lower contact.Minor compersionn milimetrix smocky quartz vein.
550.60	**577.30**	**E1 mafic volcanics dark grey GS1** Dark grey mafic volcanics with minor bedding @ 50 CA. Pathy weak silica altreation and background sericite locally pervasive alteration. Traces of very fine grained disseminated pyrite. <<Alt: 550.6 - 556.4: moderate Hematitic / moderate Sericite>> Irregular hematitic alteration with minor pervasive sericite and traces of Pyrite. <<Alt: 566.6 - 571.3: moderate Sericite / weak Silicification>> Irregular sericite alteration with minor local silica. Traces of pyrite <<Alt: 574.7 - 578.7: moderate Hematitic>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
505.00	506.00	1.00	292230	0.0025				
506.00	507.00	1.00	292231	0.006				
507.00	508.00	1.00	292232	0.0025				
508.00	509.00	1.00	292233	0.0025				
509.00	510.00	1.00	292234	0.006				
510.00	511.00	1.00	292235	0.006				
535.00	536.00	1.00	292236	0.007				
536.00	537.00	1.00	292237	0.007				
537.00	538.00	1.00	292238	0.006				
544.00	545.00	1.00	292239	0.006				
545.00	545.70	0.70	292241	0.005				
545.70	546.50	0.80	292242	0.009				
546.50	547.40	0.90	292243	0.009				
547.40	548.00	0.60	292244	0.005				
548.00	549.30	1.30	292245	0.0025				
549.30	550.00	0.70	292246	0.0025				
550.00	550.60	0.60	292247	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			550.60	552.00	1.40	292248	0.01				
			552.00	553.00	1.00	292249	0.039				
			553.00	554.00	1.00	292250	0.008				
			554.00	555.00	1.00	292251	0.0025				
			555.00	556.70	1.70	292252	0.028				
			556.70	557.00	0.30	292253	0.026				
			557.00	558.00	1.00	292254	0.007				
			558.00	559.00	1.00	292255	0.0025				
			559.00	560.00	1.00	292256	0.0025				
			560.00	561.00	1.00	292257	0.008				
			561.00	562.00	1.00	292258	0.0025				
			562.00	563.00	1.00	292259	0.008				
			563.00	564.00	1.00	292261	0.0025				
			564.00	565.00	1.00	292262	0.016				
			565.00	566.00	1.00	292263	0.005				
			566.00	567.00	1.00	292264	0.0025				
			567.00	568.00	1.00	292265	0.0025				
			568.00	569.00	1.00	292266	0.0025				
			569.00	570.00	1.00	292267	0.0025				
			570.00	571.00	1.00	292268	0.019				
			571.00	572.00	1.00	292269	0.027				
			572.00	573.00	1.00	292270	0.017				
			573.00	574.00	1.00	292271	0.0025				
			574.00	575.00	1.00	292272	0.017				
			575.00	576.00	1.00	292273	0.047				
			576.00	577.00	1.00	292274	0.0025				
			577.00	578.00	1.00	292275	0.0025				

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From (m)	To (m)	Rock Type & Description
577.30	**602.40**	**I3S Feldspar porphyry medium grey GS2**
Strongly altered and mineralized porphyry intrusive. 25% of altered feldspar and quartz porphyry crystals. Well marked foliation @ 30 CA. Mineralized zone from 584 to 587 .5 with 10 % of semi massive Pyrite and minor pyrrhotite stringers. Strong sericite alteration associated with Pyrite stringers. Alteration and mineralized stringers are parallel to foliation.Second population of disseminated fine grianed pyrite along foliation. Mafic dyke from 582.7-584m.		
<<Min: 583.9 - 587.5: 15% pyrite / 1% pyrrhotite / 1% sphalerite>> Py dominated stringers wih minor Pyrrhotite. Clera shearing micro texture (CS texture) within the pyrite stringers. Traces of sphalerite in quartz veinlets @ 588 m and 588.5 m		
<<Min: 593.9 - 594: 2% pyrite / 2% pyrrhotite>>		
<<Alt: 580.3 - 590: strong Sericite>> Irregular pervasive sericite veinlets associated with Pyrite mineralization		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
578.00	579.00	1.00	292276	0.007				
579.00	580.00	1.00	292277	0.0025				
580.00	581.00	1.00	292278	0.017				
581.00	582.00	1.00	292279	0.0025				
582.00	583.00	1.00	292281	0.017				
583.00	584.00	1.00	292282	0.0025				
584.00	585.00	1.00	292283	0.008				
585.00	586.00	1.00	292284	0.0025				
586.00	587.00	1.00	292285	0.027				
587.00	588.00	1.00	292286	0.0025				
588.00	589.00	1.00	292287	0.006				
589.00	590.00	1.00	292288	0.0025				
590.00	591.00	1.00	292289	0.0025				
591.00	592.00	1.00	292290	0.0025				
592.00	593.00	1.00	292291	0.0025				
593.00	594.00	1.00	292292	0.009				
594.00	595.00	1.00	292293	0.0025				
595.00	596.00	1.00	292294	0.0025				
596.00	597.00	1.00	292295	0.005				
597.00	598.00	1.00	292296	0.0025				
598.00	599.00	1.00	292297	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					599.00	600.00	1.00	292298	0.0025				
					600.00	601.00	1.00	292299	0.0025				
					601.00	602.40	1.40	292301	0.0025				
					602.40	603.70	1.30	292302	0.0025				
602.40	**603.70**	**E1**	**mafic volcanics**	**dark grey** **GS1**									
Mafic Volcanic: massive; dark grey; fine grained; sharp upper (35) and lower (35) contacts													
					603.70	605.00	1.30	292303	0.0025				
603.70	**618.30**	**I3S**	**Feldspar porphyry**	**medium grey** **GS2**	605.00	606.00	1.00	292304	0.0025				
Intrusive feldspar porphyry: dark grey; 20% white 1-5mm size anhedral feldspar phenocryts; very weak foliation at 40 degrees TCA; sharp upper (35) and lower (30) contacts.													
					606.00	607.00	1.00	292305	0.0025				
					607.00	608.00	1.00	292306	0.0025				
					608.00	609.00	1.00	292307	0.0025				
					609.00	610.00	1.00	292308	0.0025				
					610.00	611.00	1.00	292309	0.0025				
					611.00	612.00	1.00	292310	0.0025				
					612.00	613.00	1.00	292311	0.0025				
					613.00	614.00	1.00	292312	0.0025				
					614.00	615.00	1.00	292313	0.0025				
					615.00	616.00	1.00	292314	0.0025				
					616.00	617.00	1.00	292315	0.0025				
					617.00	618.30	1.30	292316	0.0025				
618.30	**623.50**	**E1**	**mafic volcanics**	**dark grey** **GS1**									
Mafic Volcanic: dark grey; fine grained; massive													
					618.30	619.00	0.70	292317	0.0025				
					619.00	620.00	1.00	292318	0.0025				
					620.00	621.00	1.00	292319	0.0025				
					621.00	622.00	1.00	292321	0.0025				
					622.00	623.50	1.50	292322	0.005				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
623.50	**626.30**	**I3R**	**Quartz-feldspar porphyry**	**medium grey** **GS2**	623.50	625.00	1.50	292323	0.0025				
Qtz-Feldspar Porphyry: medium grained; light to medium grey/purple; increase in white/blue qtz eyes to 50% of phenocryts, remainder is feldspar with overall 20% of interval.					625.00	626.30	1.30	292324	0.0025				
626.30	**639.70**	**I1**	**Mafic intrusive**	**medium grey** **GS1**									
Mafic intrusive dyke: fine grained; massive intrusive like texture; lower contact has minor QFP in last 0.5m with strong fracturing that is re-healed													
<<Min: 639.3 - 639.7: 0.5% pyrite>> minor PY mineralization associated with a bleb of QFP at lower contact of dyke					626.30	627.00	0.70	292325	0.0025				
					627.00	628.00	1.00	292326	0.0025				
					628.00	629.00	1.00	292327	0.008				
639.70	**651.10**	**E1**	**mafic volcanics**	**dark green** **GS1**	645.00	646.00	1.00	292328	0.006				
Mafic Volcanic: Dark green; fine grained; massive with no foliation; minor interval of QFP from 649.5-649.9m					646.00	647.00	1.00	292329	0.005				
					647.00	648.00	1.00	292330	0.0025				
					648.00	649.00	1.00	292331	0.007				
					649.00	650.00	1.00	292332	0.0025				
					650.00	651.10	1.10	292333	0.0025				
651.10	**658.60**	**I3R**	**Quartz-feldspar porphyry**	**medium grey** **GS2**									
Quartz-feldspar porphyry: medium grey/purple; 20% white and blue qtz/feldspar phenocryst; 25% minor intervals of mafic volcanic at low angle to TCA					651.10	652.00	0.90	292334	0.0025				
					652.00	653.00	1.00	292335	0.0025				
					653.00	654.00	1.00	292336	0.0025				
					654.00	655.00	1.00	292337	0.007				
					655.00	656.00	1.00	292338	0.007				
					656.00	657.00	1.00	292339	0.0025				
					657.00	658.60	1.60	292341	0.0025				
658.60	**659.60**	**I1**	**Mafic intrusive**	**light green** **GS1**									
Intrusive mafic dyke: light green; massive; sharp upper (50) and lower (65) contacts					658.60	659.60	1.00	292342	0.0025				

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
659.60	**679.60**	**I3R**	**Quartz-feldspar porphyry**	**medium grey** **GS2**									
Quartz-feldspar porphyry: medium to dark grey; massive intrusive texture; 20% 1-5mm size anhedral phenocryts of white feldspar and lesser blue qtz eyes													
					659.60	661.00	1.40	292343	0.0025				
					661.00	662.00	1.00	292344	0.0025				
					662.00	663.00	1.00	292345	0.0025				
					663.00	664.00	1.00	292346	0.0025				
					664.00	665.00	1.00	292347	0.0025				
					665.00	666.00	1.00	292348	0.0025				
					666.00	667.00	1.00	292349	0.0025				
					667.00	668.00	1.00	292350	0.0025				
					668.00	669.00	1.00	292351	0.0025				
					669.00	670.00	1.00	292352	0.0025				
					670.00	671.00	1.00	292353	0.0025				
					671.00	672.00	1.00	292354	0.0025				
					672.00	673.00	1.00	292355	0.0025				
					673.00	674.00	1.00	292356	0.0025				
					674.00	675.00	1.00	292357	0.0025				
					675.00	676.00	1.00	292358	0.0025				
					676.00	677.00	1.00	292359	0.0025				
					677.00	678.00	1.00	292361	0.007				
					678.00	679.60	1.60	292362	0.0025				
679.60	**680.00**	**I1**	**Mafic intrusive**	**medium grey** **GS1**									
Mafic Dyke: medium grey; massive; sharp upper (75) and lower (80) contacts													
					679.60	680.90	1.30	292363	0.01				
680.00	**680.90**	**I3R**	**Quartz-feldspar porphyry**	**medium grey** **GS2**									
as above													
					680.90	681.50	0.60	292364	0.007				
680.90	**681.50**	**I2**	**Intermediate intrusive**	**medium grey** **GS1**									
Intermediate mafic dyke: light to medium grey; massive; sharp upper (80) and lower (75) degrees TCA													

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From (m)	To (m)		Rock Type & Description		
681.50	**693.40**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS2**
Quartz feldspar Porphyry: dark grey; massive texture; 1-5mm size anhedral white feldspar/qtz and blue qtz eyes porphyroblasts; sharp lower contact with mafic volcanic at 70 degrees TCA					
693.40	**696.80**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: dark grey; massive; fine grained; minor interval of QFP from 695.2-695.4m + 696-696.8m					
696.80	**697.60**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**
Intrusive Mafic Dyke: massive; fine grained; sharp upper (65) and lower (60) contact					
697.60	**702.60**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**
Quartz-Feldspar Porphyry: dark grey/purple; coarse grained porphyroblasts of white and blue qtz/feldspar 1-5mm in size; intercalated mafic volcanic from 698.7-699.7m and 701.1-701.6m					
702.60	**703.60**	**I1**	**Mafic intrusive**	**medium grey**	**GS1**
Mafic Dyke: fine grained; massive; light grey					
703.60	**705.90**	**E1**	**mafic volcanics**	**medium grey**	**GS1**
Mafic Volcanic: 10% white carb. 1 mm size anhedral phenocrysts; massive; dark grey					
705.90	**708.60**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**
Quartz-feldspar porphyry: medium grey/purple; coarse grained; 50% white and blue feldspar/qtz phenocrysts that range in size from 1-5 mm; minor interval of mafic volcanic from 706.1-706.2m					
708.60	**710.30**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Mafic Volcanic: 15% white 1mm size qtz phenocrysts; massive texture					
710.30	**711.80**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**
as above					
711.80	**714.00**	**I2**	**Intermediate intrusive**	**brown**	**GS2**
Intermediate Intrusive Dyke: massive; medium grained; sharp upper (40) and lower contacts (60)					
714.00	**732.25**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**
Quartz-Feldspar Porphyry: medium to coarse grained; 50% white and blue 1-5mm size feldspar with lesser qtz porphyroblasts; very weak foliation at 35 degrees TCA					
732.25	**732.80**	**I2**	**Intermediate intrusive**	**dark green**	**GS1**
Dark green crosscutting fine grained intermediate intrusion. Fine euhdedral disseminated pyrite mineralization					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
681.50	683.00	1.50	292365	0.07				
683.00	684.00	1.00	292366	0.006				
684.00	685.00	1.00	292367	0.006				
685.00	686.00	1.00	292368	0.0025				

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From (m)	To (m)		Rock Type & Description		
732.80	**760.15**	**I3R**	**Quartz-feldspar porphyry**	**medium grey**	**GS3**

Quartz-Feldspar Porphyry: medium to coarse grained; 50% white and blue 1-5mm size feldspar with lesser qtz porphyroblasts; very weak foliation at 35 degrees TCA. Local garnet alteration associated with quartz veining.

<<Alt: 750 - 760: weak Garnet>>

<<Struc: 758 - 760.15: moderate Shear / mylonitic foliation 45 deg. >>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
755.00	756.00	1.00	292369	0.0025				
756.00	757.00	1.00	292370	0.0025				
757.00	758.00	1.00	292371	0.0025				
758.00	759.00	1.00	292372	0.0025				
759.00	760.15	1.15	292373	0.006				
760.15	761.00	0.85	292374	0.006				
761.00	762.00	1.00	292375	0.007				

760.15	**765.20**	**E1**	**mafic volcanics**	**dark grey**	**GS1**

Dark grey with lesser dark green fine grained mafic volcanic. Hairline fractured dark green bleaching alteration. Weak thin qtz-carb veining.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
762.00	763.00	1.00	292376	0.0025				
763.00	764.00	1.00	292377	0.0025				
764.00	765.20	1.20	292378	0.018				
765.20	766.00	0.80	292379	0.006				
766.00	767.00	1.00	292381	0.005				

765.20	**766.43**	**E3**	**Felsic volcanics**	**dark grey**	**GS1**

Dark grey fine grained altered felsic volcanic. Fractured lightening/silicification. Consistent weak to moderate structure throughout. Fractured network infilled with biotite aligned with structure. Appears intermediate/mafic from afar, but dark grey quartz, ~70% SiO2 with Niton.

766.43	**766.88**	**I1**	**Mafic intrusive**	**dark green**	**GS2**

Dark green mafic intrusion with biotite rich contacts. Disseminated pyrite throughout.

766.88	**772.32**	**E3**	**Felsic volcanics**	**dark grey**	**GS1**

Dark grey fine grained altered felsic volcanic. Fractured lightening/silicification. Consistent weak to moderate structure throughout. Fractured network infilled with biotite aligned with structure. Appears intermediate/mafic from afar, but dark grey quartz, ~70% SiO2 with Niton.

<<Alt: 768.5 - 778: weak Biotite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
767.00	768.00	1.00	292382	0.006				

772.32	**772.80**	**I1**	**Mafic intrusive**	**dark green**	**GS2**

Dark green mafic intrusion with biotite alteration around small quarz vein. Disseminated pyrite throughout.

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From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
772.80	**779.15**	**E3**	**Felsic volcanics**	**dark grey** **GS1**									
Dark grey fine grained altered felsic volcanic. Fractured lightening/silicification. Consistent weak to moderate structure throughout. Fractured network infilled with biotite aligned with structure. Appears intermediate/mafic from afar, but dark grey quartz, ~70% SiO2 with Niton.													
<<Alt: 778 - 779: moderate Silicification>>													
					774.00	775.00	1.00	292383	0.023				
					775.00	776.00	1.00	292384	0.014				
					776.00	777.00	1.00	292385	0.02				
					777.00	778.00	1.00	292386	0.013				
					778.00	779.15	1.15	292387	0.007				
779.15	**780.05**	**I1A**	**Gabbro**	**dark green** **GS2**									
Dark green medium grained well formed mafic intrusion/gabbro. Upper and lower contacts very sharp, but not planar.													
780.05	**782.78**	**E3**	**Felsic volcanics**	**dark grey** **GS1**									
Dark grey fine grained altered felsic volcanic. Fractured lightening/silicification. Consistent weak to moderate structure throughout. Fractured network infilled with biotite aligned with structure. Appears intermediate/mafic from afar, but dark grey quartz, ~70% SiO2 with Niton.													
782.78	**783.35**	**I1A**	**Gabbro**	**dark grey** **GS2**									
Dark green medium grained well formed mafic intrusion/gabbro. Slight increase in biotite alteration at lower contact.													
783.35	**790.50**	**E3**	**Felsic volcanics**	**medium grey** **GS1**									
Dark to ligh grey altered fine grained felsic volcanic. Intervals wih subangular broken zones, poor rqd. Patchy siliceous flooding, feldspar veining, late brittle light green epidote/sericite alteration infill.													
<<Alt: 786.6 - 786.9: intense Bleaching>>													
<<Alt: 787.6 - 788: strong Silicification>>													
<<Alt: 788 - 805.8: moderate Epidote>> Pervasive fine grained disseminated alteration, late brittle infill of ser/ep fluid													
<<Struc: 785.2 - 786.25: strong Fracture>> Broken zone with angular pieces													
<<Struc: 787.7 - 789.3: moderate Breccia>> Strong hairline fracture network													
					785.00	786.00	1.00	292388	0.005				
					786.00	787.00	1.00	292389	0.006				
					787.00	788.00	1.00	292390	0.005				
					788.00	789.00	1.00	292391	0.005				
					789.00	790.00	1.00	292392	0.0025				

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From (m)	To (m)	Rock Type & Description		
790.50	**814.02**	**I1A** **Gabbro**	**medium green**	**GS2**

Medium green medium grained well formed gabbroic intrusion. Interval is undeformed but heaviliy fractured and infilled with late epidote/sericite fluid. Trace quartz and carbonate veining.

<<Alt: 805.8 - 806.4: moderate Epidote / strong Silicification>>

<<Alt: 806.4 - 810: moderate Epidote>>

From (m)	To (m)	Rock Type & Description		
814.02	**818.70**	**E3** **Felsic volcanics**	**medium grey**	**GS1**

Medium to dark grey fine grained felsic volcanic interval. Weak foliation, trace thin white unmineralized quartz veining. 816-817m very poor rqd, small angular pieces.

From (m)	To (m)	Rock Type & Description		
818.70	**820.80**	**I3S** **Feldspar porphyry**	**medium grey**	**GS2**

Medium grey intermediate feldspar porphyritic intrusion. Subhedral coarse grained feldpar crytals set in fine grained intermediate matrix with chlorite, biotite, and quartz. Sharp upper and lower contacts, not perfectly planar.

From (m)	To (m)	Rock Type & Description		
820.80	**835.65**	**E3** **Felsic volcanics**	**medium grey**	**GS1**

Medium to dark gren fine grained felsic volcanic interval. Series of thin <1mm qtz-carb veins. Local siliceous flooding, local breccia with light green alteration mineral similar to epidote.

<<Alt: 823.5 - 823.6: moderate Silicification / strong Biotite>>

<<Alt: 826 - 827.5: moderate Silicification / moderate Bleaching>>

<<Alt: 830.15 - 830.6: strong Epidote / moderate Carbonate>>

<<Struc: 830.1 - 830.6: moderate Breccia>> Alteration breccia

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
790.00	791.00	1.00	292393	0.005				
791.00	792.00	1.00	292394	0.005				
792.00	793.00	1.00	292395	0.0025				
793.00	794.00	1.00	292396	0.0025				
794.00	795.00	1.00	292397	0.0025				
804.00	805.00	1.00	292398	0.0025				
805.00	806.00	1.00	292399	0.0025				
806.00	807.00	1.00	292401	0.006				
823.00	824.00	1.00	292402	0.006				
824.00	825.00	1.00	292403	0.0025				
825.00	826.00	1.00	292404	0.0025				
826.00	827.00	1.00	292405	0.005				
827.00	828.00	1.00	292406	0.005				
828.00	829.00	1.00	292407	0.011				
829.00	830.00	1.00	292408	0.009				

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From (m)	To (m)		Rock Type & Description		
835.65	**838.00**	**I1**	**Mafic intrusive**	**"greenish"**	**GS1**
Green brown mafic intrusion with fine grained matrix and well formed coarse grained tabular white euhedral feldspar crystals that makes up ~20% of mineral assemblage. Weak fine grained disseminated pyrrhotite.					
838.00	**852.97**	**E2**	**Intermediate**	**medium grey**	**GS1**
Medium grey fine grained volcanic, likely intermediate. Groundmass is fine and diffiucult to make out; quartz and biotite rich. Hairline fragmental bleaching throughout; ligh green, original texture of rock remains. Trace qtz-carb veining. Weak foliation throughout. Smaller intervals with subhedral white felspar crystals and light blue quartz eyes, coarser groundmass. Likely not an intrusion, but rather a alternate volcanic phase because of the degree of alternance and how intertwined they are.					
<<Alt: 838.5 - 842.25: weak Bleaching>>					
<<Alt: 851 - 853: moderate Bleaching>>					
852.97	**854.35**	**I1**	**Mafic intrusive**	**"greenish"**	**GS1**
Dark grey green fine to medium grained mafic intrusion. Mineral assemblage is dominated by chlorite associated with biotite and quartz. Fine disseminated pyrrhotite throughout.					
854.35	**872.15**	**E2**	**Intermediate**	**medium grey**	**GS1**
Medium grey fine grained volcanic, likely intermediate. Groundmass is fine and diffiucult to make out; quartz and biotite rich. Hairline fragmental bleaching throughout; ligh green, original texture of rock remains. Trace qtz-carb veining. Weak foliation throughout. Smaller intervals with subhedral white felspar crystals and light blue quartz eyes, coarser groundmass. Likely not an intrusion, but rather a alternate volcanic phase because of the degree of alternance and how intertwined they are.					
<<Alt: 863 - 864.6: strong Bleaching>>					
<<Alt: 867.7 - 871.5: moderate Bleaching>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
830.00	831.00	1.00	292409	0.005				
845.50	846.50	1.00	292410	0.007				
846.50	847.50	1.00	292411	0.0025				
847.50	848.50	1.00	292412	0.006				
863.00	864.00	1.00	292413	0.006				
864.00	865.00	1.00	292414	0.013				
865.00	866.00	1.00	292415	0.011				
866.00	867.00	1.00	292416	0.009				
867.00	868.00	1.00	292417	0.009				
868.00	869.00	1.00	292418	0.009				
869.00	870.00	1.00	292419	0.009				
870.00	871.00	1.00	292421	0.013				

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From (m)	To (m)	Rock Type & Description		
872.15	872.50	I2	Intermediate intrusive	"greenish" GS1

Dark grey green fine to medium grained intermediate intrusion. Similar to above with stronger quartz component in groundmass.

From (m)	To (m)	Rock Type & Description		
872.50	884.60	E2	Intermediate	medium grey GS2

Light to medium grey fine to medium grained felsic volcanic. Two different textures / phases; a. medium grained, more felsic rich, homogenous, subhderal white feldspar crystals, biotite and quartz in groundmass. b.) fine grained amorphous quartz and biotite groundmass, stronger foliation. A and B textures / phases are interwoven and alternate, likely different volcanic phases.

From (m)	To (m)	Rock Type & Description		
884.60	888.85	I1	Mafic intrusive	medium green GS1

Green mafic intrusion with fine grained matrix and well formed coarse grained tabular white euhedral feldspar crystals that makes up ~20% of mineral assemblage. Weak fine grained disseminated pyrrhotite.

From (m)	To (m)	Rock Type & Description		
888.85	892.78	E2	Intermediate	medium grey GS1

Medium green fine grained intermediate volcanic. Groundmass is very difficult to make out, quartz rich. Mosly consisent foliation throughout.

From (m)	To (m)	Rock Type & Description		
892.78	893.42	I1	Mafic intrusive	"greenish" GS1

Green grey fine to medium grained mafic intrusion. Sharp crosscutting upper and lower contacts. Groundmass is quartz, biotite, and chlorite rich.

From (m)	To (m)	Rock Type & Description		
893.42	894.25	E2	Intermediate	medium grey GS1

Medium green fine grained intermediate volcanic. Groundmass is very difficult to make out, quartz rich. Mosly consisent foliation throughout.

From (m)	To (m)	Rock Type & Description		
894.25	899.60	I1	Mafic intrusive	medium green GS1

Green mafic intrusion with fine grained matrix and well formed coarse grained tabular white euhedral feldspar crystals that makes up ~10% of mineral assemblage. Weak fine grained disseminated pyrrhotite.

From (m)	To (m)	Rock Type & Description		
899.60	904.48	E2	Intermediate	medium grey GS1

Medium grey fine grained felsic/intermediate volcanic. Homogeneous, continuous, consistent weak to moderate foliation throughout interval, ~40TCA. Groundmass is dominated by amorphous quartz and biotite. Trace 1-3mm quartz carbonate veins parallel to foliation.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
888.00	888.85	0.85	292422	0.013				
888.85	890.00	1.15	292423	0.01				
890.00	891.00	1.00	292424	0.0025				
891.00	892.00	1.00	292425	0.0025				

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From (m)	To (m)	Rock Type & Description		
904.48	**904.86**	**I1** **Mafic intrusive**	**dark green**	**GS1**
Dark green fine to medium grained mafic intrusion. Well formed, undeformed, chlorite and biotite dominated. Parallel planar upper and lower contacts.				
904.86	**911.30**	**E2** **Intermediate**	**medium grey**	**GS1**
Medium grey fine grained felsic/intermediate volcanic. Homogeneous, continuous, consistent weak to moderate foliation throughout interval, ~40TCA. Groundmass is dominated by amorphous quartz and biotite. Trace 1-3mm quartz carbonate veins parallel to foliation.				
<<Alt: 911.2 - 911.4: strong Silicification>>				
911.30	**928.00**	**E3Y** **Silica Flooded FelV/MafV**	**medium grey**	**GS1**
Medium grey with patchy green altered intermediate volcanic. Interval is heavily altered to the extent that it obscures the original texture and protolith. Patchy light green epidote alteration throughout. Foliation/structure associated silica flooding that replaces original texture. Weak fine grained disseminated garnet alteration. Of the less altered original groundmass biotite, chlorite, and quartz can be made out. Weak subhedral fine to medium grained phenocrystic texture. Upper and lower contacts appear transitional/gradational.				
<<Alt: 911.4 - 929: moderate Silicification / moderate Epidote / weak Garnet>>				
928.00	**933.90**	**E2** **Intermediate**	**medium grey**	**GS1**
Medium to dark grey fine grained quartz biotite intermediate volcanic. Groundmass is dominated by amorphous quartz, biotite and lesser chlorite. Moderate consistent foliation throughout ~35TCA. Weak to moderate magnetism throughout. Trace fine grained grey mineral arseno/magnetite? Likely mangetite because of pervasive magnetism. Subhedral ~1mm off white phenocrysts throughout interval.				
<<Struc: 929 - 929.1: strong Foliation 45 deg. >>				
933.90	**938.30**	**I1A** **Gabbro**	**dark green**	**GS2**
Dark green medium grained gabbroic intrusion. Well formed, massive, homogeneous, undeformed. Small thin whisps of carbonate alteration/veining <1mm. Distinct fine grained upper chill margin.				
938.30	**944.13**	**I1** **Mafic intrusive**	**dark green**	**GS1**
Dark green fine grained mafic intrusion with medium grained subhedral off white phenocrysts. Distinctly smaller grains than surrounding mafic intrusions/gabbros, distinct introduction of phenocrysts, distinct ~2% disseminated sulphides.				

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
910.00	911.30	1.30	292426	0.0025				
911.30	912.00	0.70	292427	0.0025				
912.00	913.00	1.00	292428	0.006				
913.00	914.00	1.00	292429	0.01				
914.00	915.00	1.00	292430	0.007				
926.00	927.00	1.00	292431	0.0025				
927.00	928.00	1.00	292432	0.0025				
928.00	929.00	1.00	292433	0.0025				
929.00	930.00	1.00	292434	0.0025				

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From (m)	To (m)		Rock Type & Description		
<<Min: 939 - 944.13: 3% pyrite>>					
944.13	**947.00**	**I1A**	**Gabbro**	**dark green**	**GS2**
Dark green medium grained gabbroic intrusion. Well formed, massive, homogeneous, undeformed. Small thin whisps of carbonate alteration/veining <1mm. Upper contact in broken core.					
947.00	**950.53**	**E2**	**Intermediate**	**medium grey**	**GS1**
As 928-933.9m.					
950.53	**976.80**	**S3E**	**Wacke**	**dark grey**	**GS1**
Dark grey bedded mustone with local medium grained sandstone bands. Well marked bedding @ 40 CA. Minor Sericite alteration aourn lower contact with minor silicification.					
<<Alt: 971 - 975: weak Sericite>> Pervasive stockwerk of sericite with minor pyrite and silica.					
<<Struc: 976 - 976.7: Fracture>>					
976.80	**1170.40**	**E3**	**Felsic volcanics**	**medium grey**	**GS1**
Sub porphyric intermediate to felsic volcanics with minor intermediate intrsuive intervals. Fine grained cristalizzed matrix with 5% of feldspar porphyritic cristals. Well marked foliation varies from 40 to 50 CA. Minor local sericite-calcite pervasive alteration. Local traces of medium grained disseminated pyrite. Local blue quartz eyes from 1035 to 1042 m. Siliceaous unit.					
<<Min: 994.2 - 994.3: 20% pyrite / 1% Magnetite>> Local stringer of Pyrite Medium grained sub automorph. Traces of Medium grained Magnetite.					
<<Min: 1037 - 1037.8: 10% pyrite>> Medium grained automorph Disseminated Pyrite					
<<Min: 1135.7 - 1135.9: 1% pyrite>> Medium grained xenomorph pyrite around a quartz veinlet					
<<Min: 1149.1 - 1149.2: 1% pyrite>> Medium graien dpyrite cluster along foliation, sub automorph					
<<Alt: 976.8 - 978.5: strong Calcite / moderate Chlorite>>					
<<Alt: 1037 - 1037.9: strong Hematitic / weak Epidote>>					
<<Alt: 1041.5 - 1042.5: moderate Sericite / moderate Silicification>> Strong alteration with minor pyrite and blue quartz eyes					
<<Alt: 1095.4 - 1097.8: moderate Sericite / moderate Silicification>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
942.00	943.00	1.00	292435	0.0025				
943.00	944.00	1.00	292436	0.0025				
944.00	945.00	1.00	292437	0.0025				
945.00	946.00	1.00	292438	0.008				
971.00	972.00	1.00	292439	0.046				
972.00	973.00	1.00	292441	0.011				
973.00	974.00	1.00	292442	0.014				
974.00	975.00	1.00	292443	0.011				
975.00	976.00	1.00	292444	0.007				
976.00	977.00	1.00	292445	0.006				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		<<Alt: 1105.1 - 1106.7: moderate Sericite / weak Silicification>>									
		<<Alt: 1107 - 1119.5: weak Sericite>>									
		<<Vein: 1095.4 - 1095.5: 100% Quartz vein contain >90% quartz>> Late Milky quartz tension vein									
		<<Struc: 1004.5 - 1004.8: Fracture>>									
		<<Struc: 1083 - 1083.5: Fracture>> Very blocky									
			977.00	978.00	1.00	292446	0.009				
			978.00	978.50	0.50	292447	0.011				
			978.50	979.00	0.50	292448	0.0025				
			979.00	980.00	1.00	292449	0.007				
			980.00	981.00	1.00	292450	0.0025				
			981.00	982.00	1.00	292451	0.0025				
			982.00	983.00	1.00	292452	0.006				
			983.00	984.00	1.00	292453	0.0025				
			993.00	994.00	1.00	292454	0.0025				
			994.00	995.00	1.00	292455	0.008				
			995.00	996.00	1.00	292456	0.0025				
			1035.00	1036.00	1.00	292457	0.0025				
			1036.00	1037.00	1.00	292458	0.0025				
			1037.00	1038.00	1.00	292459	0.0025				
			1038.00	1039.00	1.00	292461	0.0025				
			1039.00	1040.00	1.00	292462	0.0025				
			1040.00	1041.00	1.00	292463	0.0025				
			1041.00	1042.00	1.00	292464	0.0025				
			1042.00	1043.00	1.00	292465	0.0025				
			1043.00	1044.00	1.00	292466	0.0025				
			1093.00	1094.00	1.00	292467	0.0025				
			1094.00	1095.00	1.00	292468	0.0025				
			1095.00	1096.00	1.00	292469	0.0025				
			1096.00	1097.00	1.00	292470	0.0025				
			1097.00	1098.00	1.00	292471	0.0025				

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			1098.00	1099.00	1.00	292472	0.0025				
			1099.00	1100.00	1.00	292473	0.0025				
			1100.00	1101.00	1.00	292474	0.0025				
			1101.00	1102.00	1.00	292475	0.0025				
			1102.00	1103.00	1.00	292476	0.0025				
			1103.00	1104.00	1.00	292477	0.011				
			1104.00	1105.00	1.00	292478	0.0025				
			1105.00	1106.00	1.00	292479	0.0025				
			1106.00	1107.00	1.00	292481	0.0025				
			1107.00	1108.00	1.00	292482	0.0025				
			1108.00	1109.00	1.00	292483	0.0025				
			1116.00	1117.00	1.00	292484	0.0025				
			1117.00	1118.00	1.00	292485	0.008				
			1118.00	1119.00	1.00	292486	0.0025				
			1119.00	1120.00	1.00	292487	0.011				
			1134.00	1135.00	1.00	292488	0.008				
			1135.00	1136.00	1.00	292489	0.0025				
			1136.00	1137.00	1.00	292490	0.007				
			1148.00	1149.00	1.00	292491	0.0025				
			1149.00	1150.00	1.00	292492	0.0025				
			1150.00	1151.00	1.00	292493	0.0025				
			1151.00	1152.00	1.00	292494	0.017				
			1152.00	1153.00	1.00	292495	0.014				
1170.40	**1175.30**	**I1 Mafic intrusive dark green GS2** Dark green medium grained mafric intrusive. Homogenous green chlorite alteration. 5% of millimetrix light green epidote veinlets asso ciated with minor fine grained pyrite mineralization.1% of smoky quartz irregular veinlets.	1174.00	1175.30	1.30	292496	0.0025				
			1175.30	1176.00	0.70	292497	0.0025				
1175.30	**1215.00**	**E3 Felsic volcanics medium grey GS1** Sub porphyric intermediate to felsic volcanics with minor intermediate intrsuive intervals. Fine grained cristalizzed matrix with 5% of feldspar porphyritic cristals. Well marked foliation varies from 30 to 40 CA. Minor local sericite-calcite pervasive alteration. Local traces of medium grained disseminated pyrite. Siliceaous unit.	1176.00	1177.00	1.00	292498	0.009				

Hole: PAC-21-060

From (m)	To (m)	Rock Type & Description
		<<Min: 1178.7 - 1178.8: 1% pyrite>> Subautomorph fine grained along foliation.
		<<Alt: 1175.3 - 1176: weak Hematitic>>
1215.00	**1240.10**	**E3 Felsic volcanics medium green GS1**
		Medium grey to greenish aleterd intermediate to felsic silicous volcanics. 25% of light green moderate to strong irregular sericite pervasive alteration. 2% of fine grained disseminated magnetite.
		<<Min: 1215 - 1228: 1% magnetite / 1% pyrite>>
		<<Alt: 1215 - 1270: moderate Sericite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
1177.00	1178.00	1.00	292499	0.007				
1178.00	1179.00	1.00	292501	0.018				
1179.00	1180.00	1.00	292502	0.013				
1180.00	1181.00	1.00	292503	0.0025				
1211.00	1212.00	1.00	292504	0.016				
1212.00	1213.00	1.00	292505	0.0025				
1213.00	1214.00	1.00	292506	0.0025				
1214.00	1215.00	1.00	292507	0.012				
1215.00	1216.00	1.00	292508	0.0025				
1216.00	1217.00	1.00	292509	0.0025				
1217.00	1218.00	1.00	292510	0.006				
1218.00	1219.00	1.00	292511	0.0025				
1219.00	1220.00	1.00	292512	0.01				
1220.00	1221.00	1.00	292513	0.013				
1221.00	1222.00	1.00	292514	0.0025				
1222.00	1223.00	1.00	292515	0.013				
1223.00	1224.00	1.00	292516	0.008				
1224.00	1225.00	1.00	292517	0.0025				
1225.00	1226.00	1.00	292518	0.0025				
1226.00	1227.00	1.00	292519	0.006				
1227.00	1228.00	1.00	292521	0.0025				
1228.00	1229.00	1.00	292522	0.0025				
1229.00	1230.00	1.00	292523	0.0025				
1230.00	1231.00	1.00	292524	0.013				
1231.00	1232.00	1.00	292525	0.0025				
1232.00	1233.00	1.00	292526	0.0025				
1233.00	1234.00	1.00	292527	0.0025				

Hole: PAC-21-060

From (m)	To (m)	Rock Type & Description
1240.10	**1274.10**	**I3R Quartz-feldspar porphyry light green GS2**
		Medium grey to light green felic porphyric intrusive with moderate to lcoally strong sericite alteration. Irregular weak silice alteration. Well marked foliation @ 50 CA. Traces to 1 % of medium graiend pyrite in sericite altered zones. 1% of quartz carbonates veinlets with coarse grained magnetite.
		<<Min: 1257 - 1260: 1% magnetite>> Coarse grained in quartz-carbonates veinlets

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
1234.00	1235.00	1.00	292528	0.0025				
1235.00	1236.00	1.00	292529	0.0025				
1236.00	1237.00	1.00	292530	0.0025				
1237.00	1238.00	1.00	292531	0.0025				
1238.00	1239.00	1.00	292532	0.0025				
1239.00	1240.00	1.00	292533	0.008				
1240.00	1241.00	1.00	292534	0.0025				
1241.00	1242.00	1.00	292535	0.0025				
1242.00	1243.00	1.00	292536	0.005				
1243.00	1244.00	1.00	292537	0.0025				
1244.00	1245.00	1.00	292538	0.0025				
1245.00	1246.00	1.00	292539	0.0025				
1247.00	1248.00	1.00	292541	0.0025				
1248.00	1249.00	1.00	292542	0.015				
1249.00	1250.00	1.00	292543	0.0025				
1250.00	1251.00	1.00	292544	0.0025				
1251.00	1252.00	1.00	292545	0.0025				
1252.00	1253.00	1.00	292546	0.0025				
1253.00	1254.00	1.00	292547	0.0025				
1254.00	1255.00	1.00	292548	0.0025				
1255.00	1256.00	1.00	292549	0.0025				
1256.00	1257.00	1.00	292550	0.0025				
1257.00	1258.00	1.00	292551	0.0025				
1258.00	1259.00	1.00	292552	0.0025				
1259.00	1260.00	1.00	292553	0.0025				
1260.00	1261.00	1.00	292554	0.0025				

Hole: PAC-21-060

From (m)	To (m)		Rock Type & Description		
1274.10	**1300.60**	**E3**	**Felsic volcanics**	**dark grey**	**GS1**

Dark grey very siliccous homegenous volcanics or fine grained sedimenets. No texture or bedding. 1% of millimetrix late quartz carbonates veinlets. Very locallized weak pervasive sericite alteration with minor magnetite .

1300.60	**1308.00**	**I1A**	**Gabbro**	**dark green**	**GS3**

Dark green coarse grained homegenous mafic intrusive. Strong chlorite alteration background. 10% of carbonate alteration of matrix (Non calcite) .

1308.00	**1335.20**	**E3**	**Felsic volcanics**	**dark grey**	**GS1**

Dark grey very siliccous homegenous volcanics or fine grained sedimenets. No texture or bedding. 1% of millimetrix late quartz carbonates veinlets. Very locallized weak pervasive sericite alteration with minor magnetite .

1335.20	**1349.60**	**I1**	**Mafic intrusive**	**dark green**	**GS1**

Fine grained dark green mafic intruisve very massive and homogenous. 10% of light green epidote pervasive alteration in millimetric veinlets.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
1261.00	1262.00	1.00	292555	0.0025				
1262.00	1263.00	1.00	292556	0.0025				
1263.00	1264.00	1.00	292557	0.006				
1264.00	1265.00	1.00	292558	0.0025				
1265.00	1266.00	1.00	292559	0.0025				
1266.00	1267.00	1.00	292561	0.0025				
1267.00	1268.00	1.00	292562	0.0025				
1268.00	1269.00	1.00	292563	0.0025				
1269.00	1270.00	1.00	292564	0.018				
1270.00	1271.00	1.00	292565	0.014				
1271.00	1272.00	1.00	292566	0.053				
1272.00	1273.00	1.00	292567	0.014				
1273.00	1274.10	1.10	292568	0.0025				
1274.10	1275.00	0.90	292569	0.012				
1275.00	1276.00	1.00	292570	0.024				
1276.00	1277.00	1.00	292571	0.017				
1277.00	1278.00	1.00	292572	0.008				
1278.00	1279.00	1.00	292573	0.008				

Hole: PAC-21-060

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
1349.60	**1370.50**	**E2 Intermediate**	**dark grey**	**GS1**									
Dark grey intermedaite to felic siliceous volcanics. Minor weal pervasive sericite alteration. Traces to 1% of medium grained pyrite with sericte veinlets. Very minor <<Alt: 1361.7 - 1367: weak Hematitic / weak Sericite>>													
					1360.00	1361.00	1.00	292574	0.0025				
					1361.00	1362.00	1.00	292575	0.019				
					1362.00	1363.00	1.00	292576	0.014				
					1363.00	1364.00	1.00	292577	0.059				
					1364.00	1365.00	1.00	292578	0.182				
					1365.00	1366.00	1.00	292579	0.384				
					1366.00	1367.00	1.00	292581	0.016				
					1367.00	1368.00	1.00	292582	0.451				
1370.50	**1374.00**	**I1 Mafic intrusive**	**dark green**	**GS1**									
Mafic dark green chloritozed intrusive. 2% of medium grained disseminated garnets.													
End of Hole @ 1374													

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-061

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	MD	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	MD	**Date Started:**	2021-03-12	**Core Size:**	NQ
UTM East:	439763	**Azimuth:**	325	**Date Completed:**	2021-03-13	**Casing Pulled?:**	☐
UTM North:	5646737	**Dip:**	-45	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☑
UTM Elevation (m):	411	**Length (m):**	100.6	**Drill Rig:**	Rig4	**Casing Depth (m):**	4
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		Planned hole ID CAC030					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling	2021-03-13	-44.7	327.1			57940	☑	
18	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	327.9			57762	☑	
21	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	328.3			57541	☑	
24	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	328			57444	☑	
27	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	327.6			57443	☑	
30	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	328.2			57355	☑	
33	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	328.1			57367	☑	
36	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	328			57193	☑	
39	ReflexEZS	Nordik Drilling	2021-03-13	-44.5	328.1			57072	☑	
42	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.5			57245	☑	
45	ReflexEZS	Nordik Drilling	2021-03-13	-44.5	328.5			57259	☑	
48	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.4			57186	☑	

Hole: PAC-21-061

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.6			57139	☑	
57	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.4			57170	☑	
63	ReflexEZS	Nordik Drilling	2021-03-13	-44.5	328.5			57273	☑	
66	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.6			57347	☑	
69	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.8			57264	☑	
72	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	329			57237	☑	
75	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.8			57209	☑	
78	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.8			57172	☑	
81	ReflexEZS	Nordik Drilling	2021-03-13	-44.3	329			57224	☑	
84	ReflexEZS	Nordik Drilling	2021-03-13	-44.6	328.1			57242	☑	
87	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.6			57118	☑	
93	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.2			57301	☑	
96	ReflexEZS	Nordik Drilling	2021-03-13	-44.3	329.2			57233	☑	
99	ReflexEZS	Nordik Drilling	2021-03-13	-44.4	328.9			57245	☑	

Hole: PAC-21-061

From (m)	To (m)		Rock Type & Description		
0.00	**4.00**	**OB**	**Overburden**		
4.00	**20.70**	**E2T**	**Intermediate Tuff**	**dark grey**	**GS1**

Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Clasts are strechted along foliation @ 45 CA. Moderate pervasive hematite epidote alteration.

<<Min: 8 - 12: 1% pyrite>> Minor pyrite mineralization within very fine quartz veinlets

<<Alt: 8.7 - 12.2: strong Hematitic / moderate Epidote>> Moderate to strong alteration with minor pyrite disseminated pyrite

20.70	**23.75**	**I1A**	**Gabbro**	**dark green**	**GS1**

Dark green to dark grey fine grained mafic intrusive. Very light hematitic alteration of the matrix. 2% of fine grained disseminated pyrite.

23.75	**48.80**	**E2T**	**Intermediate Tuff**	**medium grey**	**GS1**

Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Clasts are strechted along foliation @ 45 CA. Moderate pervasive hematite epidote alteration

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
4.00	5.00	1.00	292583	0.008				
5.00	6.00	1.00	292584	0.0025				
6.00	7.00	1.00	292585	0.0025				
7.00	8.00	1.00	292586	0.01				
8.00	9.00	1.00	292587	0.426				
9.00	10.00	1.00	292588	0.699				
10.00	11.00	1.00	292589	0.093				
11.00	12.00	1.00	292590	0.0025				
12.00	13.00	1.00	292591	0.035				
13.00	14.00	1.00	292592	0.073				
14.00	15.00	1.00	292593	0.01				
15.00	16.00	1.00	292594	0.007				
16.00	17.00	1.00	292595	0.006				
17.00	18.00	1.00	292596	0.0025				
18.00	19.00	1.00	292597	0.0025				
19.00	20.00	1.00	292598	0.009				
20.00	20.70	0.70	292599	0.0025				
20.70	22.00	1.30	292601	0.01				
22.00	22.80	0.80	292602	0.0025				
22.80	23.70	0.90	292603	0.01				
23.70	25.00	1.30	292604	0.0025				
25.00	26.00	1.00	292605	0.011				

Hole: PAC-21-061

From (m)	To (m)	Rock Type & Description
<<Min: 35.9 - 36.2: 5% pyrite>> along foliation		Medium graiend dissemianetd pyrite in a mafic intrusive small band. Disseminated
48.80	**50.00**	**I3R** **Quartz-feldspar porphyry** **medium grey** **GS2**
Weakly altered QFP with 40 % of porhyric cristals with weak K-par alteration. Dark grey fine graine dmatrix with minor biotite. Moderate foliation @ 45 CA		

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
26.00	27.00	1.00	292606	0.0025				
27.00	28.00	1.00	292607	0.006				
28.00	29.00	1.00	292608	0.0025				
29.00	30.00	1.00	292609	0.0025				
30.00	31.00	1.00	292610	0.0025				
31.00	31.80	0.80	292611	0.006				
31.80	32.30	0.50	292612	0.0025				
32.30	33.00	0.70	292613	0.0025				
33.00	34.00	1.00	292614	0.0025				
34.00	35.00	1.00	292615	0.007				
35.00	35.80	0.80	292616	0.025				
35.80	36.30	0.50	292617	0.018				
36.30	37.00	0.70	292618	0.022				
37.00	38.00	1.00	292619	0.0025				
38.00	39.00	1.00	292621	0.013				
39.00	40.00	1.00	292622	0.025				
40.00	41.00	1.00	292623	0.0025				
41.00	42.00	1.00	292624	0.054				
42.00	43.00	1.00	292625	0.0025				
43.00	44.00	1.00	292626	0.013				
44.00	45.00	1.00	292627	0.0025				
45.00	46.00	1.00	292628	0.013				
46.00	47.00	1.00	292629	0.007				
47.00	48.00	1.00	292630	0.006				
48.00	48.90	0.90	292631	0.022				
48.90	50.00	1.10	292632	0.0025				

Hole: PAC-21-061

From (m)	To (m)	Rock Type & Description		
50.00	**81.50**	**E2T**	**Intermediate Tuff**	**medium grey** **GS1**

Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Clasts are strechted along foliation @ 45 CA. Moderate pervasive hematite epidote alteration

From (m)	To (m)	Rock Type & Description		
81.50	**85.40**	**I2**	**Intermediate intrusive**	**dark grey** **GS1**

Dark grey to brownish intermediate intrusive. Weak fine grained calcite in the matrix. Traces of disseminated pyrite.

From (m)	To (m)	Rock Type & Description		
85.40	**100.60**	**E1**	**mafic volcanics**	**dark green** **GS1**

Dark green homogenous mafic volcanics with weak chlorite background.5% of calcite random oriented veinlets.

End of Hole @ 100.6

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
50.00	51.00	1.00	292633	0.005				
51.00	52.00	1.00	292634	0.011				
52.00	53.00	1.00	292635	0.012				
53.00	54.00	1.00	292636	0.041				
54.00	55.00	1.00	292637	0.021				
55.00	56.00	1.00	292638	0.009				

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-062

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	MD	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	MD	**Date Started:**	2021-03-13	**Core Size:**	NQ
UTM East:	439722	**Azimuth:**	325	**Date Completed:**	2021-03-14	**Casing Pulled?:**	☐
UTM North:	5646708	**Dip:**	-45	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	411	**Length (m):**	102	**Drill Rig:**	Rig4	**Casing Depth (m):**	1
Hole Status:	Completed	**Target:**				**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		Planned hole ID CAC029					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
15	ReflexEZS	Nordik Drilling	2021-03-14	-44.2	328.9			58359	☑	
18	ReflexEZS	Nordik Drilling	2021-03-14	-44.1	329.5			58067	☑	
21	ReflexEZS	Nordik Drilling	2021-03-14	-44.1	329.7			57725	☑	
24	ReflexEZS	Nordik Drilling	2021-03-14	-44	329.8			57514	☑	
27	ReflexEZS	Nordik Drilling	2021-03-14	-43.9	329.1			57504	☑	
30	ReflexEZS	Nordik Drilling	2021-03-14	-43.9	329.5			57360	☑	
33	ReflexEZS	Nordik Drilling	2021-03-14	-43.9	329.4			57202	☑	
36	ReflexEZS	Nordik Drilling	2021-03-14	-43.8	329.6			57262	☑	
39	ReflexEZS	Nordik Drilling	2021-03-14	-43.7	329.8			57312	☑	
42	ReflexEZS	Nordik Drilling	2021-03-14	-43.7	330.1			57266	☑	
45	ReflexEZS	Nordik Drilling	2021-03-14	-43.7	330			57217	☑	
48	ReflexEZS	Nordik Drilling	2021-03-14	-43.7	330.1			57237	☑	

Hole: PAC-21-062

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
51	ReflexEZS	Nordik Drilling	2021-03-14	-43.7	329.7			57165	☑	
54	ReflexEZS	Nordik Drilling	2021-03-14	-43.6	330.1			57179	☑	
57	ReflexEZS	Nordik Drilling	2021-03-14	-43.5	330			57218	☑	
60	ReflexEZS	Nordik Drilling	2021-03-14	-43.4	330.1			57254	☑	
63	ReflexEZS	Nordik Drilling	2021-03-14	-43.4	330.9			57303	☑	
66	ReflexEZS	Nordik Drilling	2021-03-14	-43.4	331			57297	☑	
69	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.1			57326	☑	
72	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.3			57282	☑	
75	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.3			57285	☑	
78	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331			57256	☑	
81	ReflexEZS	Nordik Drilling	2021-03-14	-43.4	331.5			57257	☑	
84	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.4			57237	☑	
87	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.4			57225	☑	
90	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.3			57273	☑	
93	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.7			57177	☑	
96	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331			56991	☑	
99	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.7			57235	☑	
102	ReflexEZS	Nordik Drilling	2021-03-14	-43.3	331.6			57055	☑	

Hole: PAC-21-062

From (m)	To (m)	Rock Type & Description
0.00	**1.00**	**OB Overburden**
1.00	**102.00**	**E2T Intermediate Tuff dark grey GS1**

Green grey intermediate tuff. Has an alternating banded appearance from alternating chlorite/biotite and more siliceous alteration of pinched and elongated clasts. Clasts are polymictic; distinctly felsic and mafic. Clasts are strechted along foliation @ 45 CA. Minor Maifc dyke injections

<<Alt: 37 - 40.6: weak Hematitic / weak Sericite>> Weak pervasive alteration

<<Alt: 79 - 84: moderate Epidote>>

<<Vein: 10.6 - 11: 20% Quartz vein contain >90% quartz>> Smocky qartz veinlets with up to 15% content of Pyrite

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
35.00	36.00	1.00	292639	0.07				
36.00	37.00	1.00	292641	0.015				
37.00	38.00	1.00	292642	0.0025				
38.00	39.00	1.00	292643	0.012				
39.00	40.00	1.00	292644	0.016				
40.00	41.00	1.00	292645	0.0025				
41.00	42.00	1.00	292646	0.163				
68.00	69.00	1.00	292647	0.203				
69.00	70.00	1.00	292648	0.145				
70.00	71.00	1.00	292649	0.166				
71.00	72.00	1.00	292650	0.019				
72.00	73.00	1.00	292651	0.847				

End of Hole @ 102

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-063

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	EM	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	MD	**Date Started:**	2021-03-14	**Core Size:**	NQ
UTM East:	441797	**Azimuth:**	140	**Date Completed:**	2021-03-18	**Casing Pulled?:**	☐
UTM North:	5644538	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	431	**Length (m):**	300	**Drill Rig:**	Rig4	**Casing Depth (m):**	1.5
Hole Status:	Completed	**Target:**	Au soil trend			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
		Comments:				**Oriented?:**	☑
		Planned hole ID BOY017					

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
18	ReflexEZS	Nordik Drilling	2021-03-18	-50.1	149.6			58612	☑	
21	ReflexEZS	Nordik Drilling	2021-03-18	-50	148.8			58170	☑	
24	ReflexEZS	Nordik Drilling	2021-03-18	-50.1	149			57788	☑	
27	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149			57568	☑	
30	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.5			57446	☑	
33	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.3			57366	☑	
36	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.5			57298	☑	
39	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.6			57285	☑	
42	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.3			57273	☑	
45	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.5			57199	☑	
48	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.3			57119	☑	
51	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.5			57216	☑	

Hole: PAC-21-063

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.4			57163	☑	
57	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.4			57178	☑	
60	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.4			57296	☑	
63	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.9			57256	☑	
66	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.8			57203	☑	
69	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.7			57103	☑	
72	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.8			57130	☑	
75	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.8			57129	☑	
78	ReflexEZS	Nordik Drilling	2021-03-18	-50	149.7			57006	☑	
81	ReflexEZS	Nordik Drilling	2021-03-18	-50	149.8			57131	☑	
84	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.5			57180	☑	
87	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.4			57150	☑	
90	ReflexEZS	Nordik Drilling	2021-03-18	-50	149.8			57101	☑	
93	ReflexEZS	Nordik Drilling	2021-03-18	-50	149.6			57075	☑	
96	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.9			57158	☑	
99	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.2			57119	☑	
102	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.1			57156	☑	
105	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149			57163	☑	
108	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.2			57115	☑	
111	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.4			57110	☑	
114	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.4			57122	☑	
117	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.3			57139	☑	
120	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.9			57102	☑	
126	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.7			57179	☑	

Hole: PAC-21-063

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
132	ReflexEZS	Nordik Drilling	2021-03-18	-49.9	149.3			57192	☑	
135	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.2			57239	☑	
138	ReflexEZS	Nordik Drilling	2021-03-18	-49.8	149.5			57154	☑	
141	ReflexEZS	Nordik Drilling	2021-03-18	-49.7	149.2			57202	☑	
144	ReflexEZS	Nordik Drilling	2021-03-18	-49.7	149			57236	☑	
147	ReflexEZS	Nordik Drilling	2021-03-18	-49.6	149.9			57248	☑	
150	ReflexEZS	Nordik Drilling	2021-03-18	-49.6	149.6			57354	☑	
156	ReflexEZS	Nordik Drilling	2021-03-18	-49.5	149.6			56972	☑	
159	ReflexEZS	Nordik Drilling	2021-03-18	-49.3	150.2			57174	☑	
165	ReflexEZS	Nordik Drilling	2021-03-18	-49.3	149.5			56969	☑	
168	ReflexEZS	Nordik Drilling	2021-03-18	-49.1	149.4			56934	☑	
171	ReflexEZS	Nordik Drilling	2021-03-18	-49	150			56980	☑	
174	ReflexEZS	Nordik Drilling	2021-03-18	-48.9	150.2			57031	☑	
177	ReflexEZS	Nordik Drilling	2021-03-18	-48.8	150.2			57067	☑	
180	ReflexEZS	Nordik Drilling	2021-03-18	-48.7	150.6			57078	☑	
183	ReflexEZS	Nordik Drilling	2021-03-18	-48.7	150.4			57113	☑	
186	ReflexEZS	Nordik Drilling	2021-03-18	-48.6	150.4			57106	☑	
189	ReflexEZS	Nordik Drilling	2021-03-18	-48.5	150.7			57109	☑	
192	ReflexEZS	Nordik Drilling	2021-03-18	-48.4	150.4			57128	☑	
195	ReflexEZS	Nordik Drilling	2021-03-18	-48.4	151			56666	☑	
198	ReflexEZS	Nordik Drilling	2021-03-18	-48.4	150.4			57117	☑	
201	ReflexEZS	Nordik Drilling	2021-03-18	-48.3	151.2			57011	☑	
204	ReflexEZS	Nordik Drilling	2021-03-18	-48.3	151.1			57230	☑	
207	ReflexEZS	Nordik Drilling	2021-03-18	-48.2	151.4			57242	☑	

Hole: PAC-21-063

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
210	ReflexEZS	Nordik Drilling	2021-03-18	-48.2	151.8			57022	☑	
213	ReflexEZS	Nordik Drilling	2021-03-18	-48.1	151.7			57003	☑	
216	ReflexEZS	Nordik Drilling	2021-03-18	-48.1	152			56954	☑	
219	ReflexEZS	Nordik Drilling	2021-03-18	-48	151.8			57029	☑	
222	ReflexEZS	Nordik Drilling	2021-03-18	-47.9	151.9			57098	☑	
225	ReflexEZS	Nordik Drilling	2021-03-18	-47.9	151.8			57117	☑	
231	ReflexEZS	Nordik Drilling	2021-03-18	-47.9	152.1			57169	☑	
234	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.2			57184	☑	
237	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.3			57211	☑	
240	ReflexEZS	Nordik Drilling	2021-03-18	-47.7	151.8			57208	☑	
243	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152			57291	☑	
246	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.2			57125	☑	
249	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.1			57270	☑	
252	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.1			57229	☑	
255	ReflexEZS	Nordik Drilling	2021-03-18	-47.7	152.8			57113	☑	
258	ReflexEZS	Nordik Drilling	2021-03-18	-47.7	153			57358	☑	
261	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.6			57298	☑	
264	ReflexEZS	Nordik Drilling	2021-03-18	-47.7	152.7			57185	☑	
267	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.9			57141	☑	
270	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	152.6			57099	☑	
273	ReflexEZS	Nordik Drilling	2021-03-18	-47.9	153.3			57092	☑	
276	ReflexEZS	Nordik Drilling	2021-03-18	-47.8	153.1			57101	☑	
279	ReflexEZS	Nordik Drilling	2021-03-18	-47.7	152.6			57069	☑	
282	ReflexEZS	Nordik Drilling	2021-03-18	-47.6	152.4			57057	☑	

Hole: PAC-21-063

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
285	ReflexEZS	Nordik Drilling	2021-03-18	-47.6	152.2			57104	☑	
288	ReflexEZS	Nordik Drilling	2021-03-18	-47.5	152.3			57160	☑	
291	ReflexEZS	Nordik Drilling	2021-03-18	-47.5	152.1			56838	☑	
294	ReflexEZS	Nordik Drilling	2021-03-18	-47.4	153.1			57172	☑	
297	ReflexEZS	Nordik Drilling	2021-03-18	-47.4	152.9			57174	☑	
300	ReflexEZS	Nordik Drilling	2021-03-18	-47.4	152.9			57158	☑	

Hole: PAC-21-063

From (m)	To (m)		Rock Type & Description		
0.00	1.00	OB	Overburden		
1.00	32.10	E1	mafic volcanics	dark green	GS1

Dark green altered mafic volcanics. 5% of weak epidote pervasive alteration. Minor potassic alteration in veinlets

<<Alt: 27 - 41.25: moderate Epidote / weak Carbonate>>

<<Vein: 30 - 30.5: 10% Quartz vein contain >90% quartz>>

32.10	33.25	I2	Intermediate intrusive	dark grey	GS1

Dark green fine grained intermediate intrusion. Dark grey quartz rich groudmass. Well formed medium grained blades of biotite throughout with pervasive chlorite alteration throughout. Weak disseminated pyrite mineralization throughout. Non magnetic.

33.25	41.25	E1	mafic volcanics	dark green	GS1

Dark green fine grained mafic volcanic. Disseased patchy epidote alteration with associated lesser carbonate alteration.

41.25	57.98	I3B	Tonalite	medium grey	GS2

Medium grey medium grained tonalite intrusion. Massive, homogeneous, well formed. Mineral assemblage is dominated by quartz, feldspar, and biotite + chlorite. Moderate potassic staining/alteration more prevalent at contacts (alteration, not alkali feldspar). Trace epidote and garnet alteration. Weak magnetism throughout.

<<Alt: 41.25 - 43: moderate K-feldspar>>

<<Alt: 53 - 57.98: moderate K-feldspar>>

57.98	62.45	E1	mafic volcanics	dark green	GS1

Dark green fine grained mafic volcanic. Disseased patchy epidote alteration with associated lesser carbonate alteration.

<<Alt: 57.98 - 85.5: moderate Epidote / weak Carbonate>>

62.45	63.62	I2	Intermediate intrusive	dark green	GS1

Dark green fine grained intermediate intrusion. Dark grey quartz rich groudmass. Well formed medium grained blades of biotite throughout with pervasive chlorite alteration throughout. Weak disseminated pyrite mineralization throughout. Non magnetic.

63.62	64.85	E1	mafic volcanics	dark green	GS1

Dark green fine grained mafic volcanic. Disseased patchy epidote alteration with associated lesser carbonate alteration.

64.85	65.30	I2	Intermediate intrusive	dark green	GS1

Dark green fine grained intermediate intrusion. Dark grey quartz rich groudmass. Well formed medium grained blades of biotite throughout with pervasive chlorite alteration throughout. Weak disseminated pyrite mineralization throughout. Non magnetic.

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
27.00	28.00	1.00	292652	0.0025				
28.00	29.00	1.00	292653	0.0025				
29.00	30.00	1.00	292654	0.0025				
30.00	31.00	1.00	292655	0.0025				
31.00	32.10	1.10	292656	0.0025				

Hole: PAC-21-063

From (m)	To (m)		Rock Type & Description		
65.30	**86.40**	**E1**	**mafic volcanics**	**dark green**	**GS1**

Dark green fine grained mafic volcanic. Disseased patchy epidote alteration with associated lesser carbonate alteration.

<<Alt: 85.5 - 89: strong Epidote>>

86.40	**88.14**	**I1**	**Mafic intrusive**	**medium grey**	**GS2**

Medium grained fine-coarse grained mafic intrusion. Variable grain size, from coarse grained chlorite crystals parts to finer grainer parts. Strong epidote alteration in surrounding crosscutting rock, but not intrusion suggesting weakened zone that intrusion travelled along.

88.14	**96.42**	**E1**	**mafic volcanics**	**dark green**	**GS1**

Dark green fine grained mafic volcanic. Disseased patchy epidote alteration with associated lesser carbonate alteration. Epidote alteration at upper contact is brecciating. Slight increase in biotite alteration in comparisson to previous E1, weak banded appearance.

<<Alt: 89 - 93: moderate Epidote / weak Carbonate / weak Biotite>>

<<Alt: 93 - 99: moderate Epidote / weak Carbonate>>

<<Vein: 92.4 - 92.5: 100% Quartz-Carbonate vein contain 10-90% quartz>>

96.42	**97.68**	**I1A**	**Gabbro**	**dark green**	**GS2**

Dark green medium grained undeformed gabbro intrusion.

97.68	**106.80**	**E1**	**mafic volcanics**	**dark green**	**GS1**

Dark green fine grained mafic volcanic. Disseased patchy epidote alteration with associated lesser carbonate alteration. In strongest epi/carb altered parts there is a alteration breccia texture.

<<Alt: 99 - 111: moderate Epidote / moderate Carbonate / weak Biotite>>

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
69.00	70.00	1.00	292657	0.0025				
70.00	71.00	1.00	292658	0.0025				
71.00	72.00	1.00	292659	0.0025				
72.00	73.00	1.00	292661	0.0025				
73.00	74.00	1.00	292662	0.0025				
74.00	75.00	1.00	292663	0.0025				
88.14	89.00	0.86	292664	0.0025				
89.00	90.00	1.00	292665	0.0025				
90.00	91.00	1.00	292666	0.0025				
91.00	92.00	1.00	292667	0.0025				
92.00	93.00	1.00	292668	0.0025				
101.00	102.00	1.00	292669	0.0025				
102.00	103.00	1.00	292670	0.0025				
103.00	104.00	1.00	292671	0.0025				
104.00	105.00	1.00	292672	0.0025				

Hole: PAC-21-063

From (m)	To (m)	Rock Type & Description		
106.80	**107.70**	**I1A**	**Gabbro**	**dark green**	**GS2**
Dark green medium grained undeformed gabbro intrusion. Weakly aligned with contacts.					
107.70	**126.85**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Dark green fine grained mafic volcanic. Disseased pathcy epiodte alteration with associated less carbonate alteration. Carbonate alteration also associated with fractures and thin quartz veins. Sporadic intense pervasive bands of epidote alteration. Introduction of pathces of coarse euhedral feldspar phenocrysts from ~112-119m.					
<<Alt: 111 - 117: strong Epidote / weak Carbonate>>					
<<Alt: 118.5 - 124.5: moderate Epidote>>					
126.85	**127.10**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
Dark green bimodal mafic intrusion. Groundmass is amorphous, fine grained and green. Larger fine/medium grained bladed chlorite and biotite. Weak fine grained disseminated pyrite mineralization.					
127.10	**129.25**	**I2A**	**Diorite**	**"greenish"**	**GS2**
Green and grey medium grained intermediate intrusion. Sharp planar upper and lower contacts.					
129.25	**131.95**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
Dark green bimodal mafic intrusion. Groundmass is amorphous, fine grained and green. Larger fine/medium grained bladed chlorite and biotite. Weak fine grained disseminated pyrite mineralization.					
131.95	**132.95**	**E1**	**mafic volcanics**	**medium green**	**GS1**
Medium green altered fine grained mafic volcanic. Fracture related carbonate alteration, carb amygdules, and epidote alteration.					
<<Alt: 132 - 134: moderate Carbonate>>					
132.95	**133.55**	**I1**	**Mafic intrusive**	**medium green**	**GS2**
Medium green medium grained mafic intrusion. Consistent moderate structure through entire interval, parallel to upper and lower contacts. Pinched elonged biotites are aligned with foliation.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
105.00	106.00	1.00	292673	0.0025				
106.00	106.80	0.80	292674	0.0025				
106.80	107.70	0.90	292675	0.0025				
107.70	109.00	1.30	292676	0.0025				
109.00	110.00	1.00	292677	0.007				
133.55	135.00	1.45	292678	0.043				

Hole: PAC-21-063

From (m)	To (m)	Rock Type & Description		
133.55	**147.92**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Dark and medium green fine grained altered mafic volcanic. ~5% mostly consistent carb filled amygdules 2-5mm. Foliation throughout. Patchy carb-epi alteration, often breccciating E1. Local moderate magnetism likely due to patchy disseminated pyrrhotite mineralization.					
<<Alt: 138 - 147.92: moderate Epidote / weak Carbonate>>					
147.92	**152.27**	**I1**	**Mafic intrusive**	**dark green**	**GS2**
Dark green medium grained mafic intrusion. Unaltered, undeformed, massive, homogeneous. Weak fine to medium grained pyrite					
152.27	**164.50**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Dark and medium green fine grained altered mafic volcanic. ~5% mostly consistent carb filled amygdules 2-5mm. Foliation throughout. Patchy carb-epi alteration, often breccciating E1, small bands of carb alteration, small qtz-carb veins. Local moderate magnetism likely due to patchy disseminated pyrrhotite mineralization. Small lenses of mafic intrusion from 160.75-161, 161.9-162.84m. Strong biotite bands 160-166.45m changing texture of rock, but same underlying unit.					
<<Alt: 152.27 - 160: moderate Carbonate / weak Epidote>>					
164.50	**172.25**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Dark green fine grained mafic volcanic. Homogeneous. Broken out from above E1 because of distinct drop of carb filled amygdules and drop in carb+epidote alteration.					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
135.00	136.00	1.00	292679	0.0025				
136.00	137.00	1.00	292681	0.0025				
137.00	138.00	1.00	292682	0.0025				
138.00	139.00	1.00	292683	0.0025				
139.00	140.00	1.00	292684	0.0025				
140.00	141.00	1.00	292685	0.0025				
141.00	142.00	1.00	292686	0.0025				
142.00	143.00	1.00	292687	0.0025				
143.00	144.00	1.00	292688	0.0025				
144.00	145.25	1.25	292689	0.0025				
152.27	153.50	1.23	292690	0.0025				
153.50	154.50	1.00	292691	0.0025				
154.50	155.50	1.00	292692	0.0025				
155.50	156.50	1.00	292693	0.0025				
156.50	157.50	1.00	292694	0.0025				
157.50	158.50	1.00	292695	0.0025				
158.50	159.50	1.00	292696	0.0025				

Hole: PAC-21-063

From (m)	To (m)		Rock Type & Description		
172.25	**172.63**	**I1**	**Mafic intrusive**	**medium green**	**GS2**
Medium green mafic intrusion. Finer grained groundmass, medium grained pinched chlorite crystals with rim of biotite alteration.					
172.63	**173.90**	**E1**	**mafic volcanics**	**dark green**	**GS1**
As above. Fracture related epidote alteration.					
173.90	**174.60**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
Dark green fine grained mafic intrusion. Unaltered, undeformed, massive, homogeneous. Weak fine to medium grained pyrite					
174.60	**176.66**	**I3S**	**Feldspar porphyry**	**brown**	**GS2**
Grey brown porphyritic intrusion. Groundmass is amorphous grey brown biotite quartz with 1-2mm equant euhderal white feldspar crystals ~30% of interval.					
176.66	**193.63**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Dark green fine grained mafic volcanic. Slightly heterogeneous parts, but due to weak multi metre alteration. Consistent weak foliation throughout. Largely featureless. Weak pervasive epidote-carbonate alteration 182.9-187.06m.					
<<Alt: 183 - 187: moderate Carbonate / moderate Epidote>>					
193.63	**194.63**	**I2**	**Intermediate intrusive**	**medium grey**	**GS2**
Medium grey medium grained intermediate intrusion. Grouping of subhedral minerals, not a clean crystaline matrix. Quartz, feldspar, biotitite, and chlorite. Sharp crosscutting contacts.					
194.63	**215.05**	**E1**	**mafic volcanics**	**dark green**	**GS1**
Dark green fine grained altered mafic volcanic. Patchy bands and small pervasive intervals of carbonate alteration, weak bands of biotite alteration, weak disseminated sulphides. Structure related alteration 208-209m; siliceous flooding, qtz-carb veining, epidote, hematite. Coarse grained phenocrysts from 211.5-215.05m.					
<<Alt: 204.3 - 205.1: strong Feldspar>>					
<<Alt: 208 - 209: moderate Silicification / moderate Hematitic / moderate Epidote>>					
<<Alt: 210 - 264.15: weak Epidote / moderate Carbonate / moderate Biotite>>					
<<Vein: 195.8 - 196.3: 10% Quartz vein contain >90% quartz>>					
<<Vein: 197.4 - 197.7: 5% Quartz vein contain >90% quartz>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
204.00	205.00	1.00	292697	0.0025				
205.00	206.03	1.03	292698	0.0025				
206.03	207.00	0.97	292699	0.0025				
207.00	208.00	1.00	292701	0.0025				
208.00	209.00	1.00	292702	0.0025				
209.00	210.00	1.00	292703	0.006				
210.00	211.00	1.00	292704	0.0025				
211.00	212.00	1.00	292705	0.0025				
212.00	213.00	1.00	292706	0.007				
213.00	214.00	1.00	292707	0.006				

Hole: PAC-21-063

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
215.05	**215.80**	**I1** **Mafic intrusive**	**"greenish"**	**GS1**									
Grey green fine grained mafic intrusion. Unaltered and undeformed. Sharp upper and lower contacts. Fine groundmass, more coarse grained sharp chlorite and biotite crystals.													
215.80	**234.08**	**E1** **mafic volcanics**	**dark green**	**GS1**	225.00	226.00	1.00	292708	0.01				
Dark green grey fine grained phenocrystic mafic volcanic. Groundmass is typical assemblage of chlorite, quartz and biotite. Well formed, euhedral, tabular, coarse grained off white feldspar crystals ~20% of interval, up to 50% locally. Bands of strong epidote alteration with associated carbonate alteration. Weak quartz carb veining.													
<<Vein: 227 - 237: 2% Quartz-Carbonate vein contain 10-90% quartz>>					226.00	227.00	1.00	292709	0.0025				
					227.00	228.00	1.00	292710	0.006				
					228.00	229.00	1.00	292711	0.0025				
					229.00	230.00	1.00	292712	0.0025				
					230.00	231.00	1.00	292713	0.007				
					231.00	232.00	1.00	292714	0.0025				
					232.00	233.00	1.00	292715	0.005				
					233.00	234.08	1.08	292716	0.008				
					234.08	235.40	1.32	292717	0.0025				
234.08	**235.40**	**I1A** **Gabbro**	**medium green**	**GS2**									
Dark green and grey medium grained gabbroic intrusion. Sharp planar upper and lower contacts. Undeformed, unmineralized.													
235.40	**243.66**	**E1** **mafic volcanics**	**dark green**	**GS1**									
Dark green grey fine grained phenocrystic mafic volcanic. Groundmass is typical assemblage of chlorite, quartz and biotite. Well formed, euhedral, tabular, coarse grained off white feldspar crystals ~20% of interval, up to 50% locally. Bands of strong epidote alteration with associated carbonate alteration. Weak quartz carb veining.													
					235.40	237.00	1.60	292718	0.0025				
					237.00	238.00	1.00	292719	0.0025				
					238.00	239.00	1.00	292721	0.0025				
					239.00	240.00	1.00	292722	0.0025				
					240.00	241.00	1.00	292723	0.0025				
					241.00	242.00	1.00	292724	0.0025				
					242.00	243.66	1.66	292725	0.0025				
					243.66	244.98	1.32	292726	0.0025				

Hole: PAC-21-063

From (m)	To (m)		Rock Type & Description		
243.66	**244.98**	**I1**	**Mafic intrusive**	**dark grey**	**GS1**
Dark grey fine grained mafic intrusion. Fine grained groundmass, very weak structure. Weak fine grained disseminated pyrite.					
244.98	**255.55**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
Dark green grey fine grained phenocrystic mafic volcanic. Groundmass is typical assemblage of chlorite, quartz and biotite. Well formed, euhedral, tabular, coarse grained off white feldspar crystals ~20% of interval, up to 50% locally. Bands of strong epidote carbonate alteration. Weak quartz carb veining.					
255.55	**256.25**	**I1**	**Mafic intrusive**	**dark green**	**GS1**
Dark green mafic intrusion. Stronger chlorite alteration, less quartz than overlying I1's. Upper and lower contacts are sharp but not perfectly planar, slight undulation.					
256.25	**264.15**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
Dark green grey fine grained phenocrystic mafic volcanic. Groundmass is typical assemblage of chlorite, quartz and biotite. Well formed, euhedral, tabular, coarse grained off white feldspar crystals ~20% of interval, up to 50% locally. Bands of strong epidote carbonate alteration. Weak quartz carb veining. Small lenses of different E1 259.93-260.5m, 262.62-262.88m, 263.44-263.68m.					
264.15	**271.40**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Dark grey green fine grained mafic volcanic. Distinct from overlying E1 with a sharp non planar contact. Complete drop of coarse grained feldspar phenocrysts. Fine grained dark homogeneous biotite chlorite quartz groundmass, weak consistent foliation throughout, little to no alteration. Carbonate, epidote, bleached hydrothermal alteration breccia texture for ~1.5m at upper contact.					
<<Alt: 264.15 - 266: moderate Epidote / moderate Carbonate>>					
<<Alt: 266 - 276: moderate Biotite>>					
271.40	**273.52**	**I1A**	**Gabbro**	**dark green**	**GS2**
Medium to dark green medium grained gabbroic intrusion. Sharp planar upper and lower contacts with cooling margins. Undeformed and unaltered.					
273.52	**286.50**	**E1**	**mafic volcanics**	**dark grey**	**GS1**
Dark grey green fine grained mafic volcanic. Fine grained dark homogeneous biotite chlorite quartz groundmass, weak consistent foliation throughout. Local weak brecciation caused by carbonate and epidote alteration. Weak quartz veining with trace sulphide mineralization and carb epidote alteration.					
<<Alt: 276 - 278: moderate Carbonate / weak Epidote>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
244.98	246.00	1.02	292727	0.007				
246.00	247.00	1.00	292728	0.005				
247.00	248.00	1.00	292729	0.007				
248.00	249.00	1.00	292730	0.0025				

Hole: PAC-21-063

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Alt: 278 - 286.5: moderate Biotite / weak Epidote / weak Carbonate>>													
					279.00	280.00	1.00	292731	0.0025				
					280.00	281.00	1.00	292732	0.006				
					281.00	282.00	1.00	292733	0.011				
					282.00	283.00	1.00	292734	0.008				
					283.00	284.00	1.00	292735	0.013				
					284.00	285.00	1.00	292736	0.009				
					285.00	286.50	1.50	292737	0.013				
286.50	**287.65**	**I2**	**Intermediate intrusive**	**medium grey**	**GS2**								
Dark grey medium grained intermediate intrusion. Fracture related orange alteration (hematite, potassic?).													
<<Alt: 286.5 - 288.5: moderate Hematitic>> Orange fracture related alteration. Hematite, maybe potassic.													
287.65	**288.50**	**I3S**	**Feldspar porphyry**	**dark grey**	**GS2**								
Dark grey medium grained intermediate feldspar porphyritic intrusion. Groundmass is intermediate, not felsic. Orange alteration at upper contact, alteration transcends contacts. Fine grained disseminated sulphide mineralization.													
288.50	**292.90**	**E1**	**mafic volcanics**	**dark grey**	**GS1**								
Dark grey green fine grained mafic volcanic. As above.													
<<Alt: 288.5 - 300: weak Epidote / weak Carbonate / weak Biotite>>													
292.90	**293.78**	**I1A**	**Gabbro**	**dark green**	**GS2**								
Dark green gabbroic intrusion. Sharp planar parallel upper and lower contacts. Undeformed. Some coarse grained chlorite crystals with biotite rims.													
293.78	**296.50**	**E1**	**mafic volcanics**	**dark green**	**GS1**								
Dark grey green fine grained mafic volcanic. As above.													
296.50	**297.85**	**I1A**	**Gabbro**	**dark green**	**GS2**								
Dark green gabbroic intrusion. Sharp planar parallel upper and lower contacts. Undeformed.													
297.85	**300.00**	**E1**	**mafic volcanics**	**dark green**	**GS1**								
Dark grey green fine grained mafic volcanic. As above.													

End of Hole @ 300

PACTON GOLD

GeoSpark: Drill Hole Report

Project: Red Lake Gold

Hole: PAC-21-064

Prospect:	Pacton	**Survey Type:**	Reflex	**Logged By:**	EM	**Hole Type:**	DDH
UTM Grid:	NAD83_Z15	**Survey By:**	MD	**Date Started:**	2021-03-18	**Core Size:**	NQ
UTM East:	441691	**Azimuth:**	140	**Date Completed:**		**Casing Pulled?:**	☐
UTM North:	5644257	**Dip:**	-50	**Drill Company:**	Nordik Drilling	**Casing Capped?:**	☐
UTM Elevation (m):	418	**Length (m):**	78	**Drill Rig:**	Rig4	**Casing Depth (m):**	7.5
Hole Status:	Completed	**Target:**	Au Soil trend			**Reduced (m):**	
Hole Purpose:	EXPL					**Reduceed Size:**	
						Oriented?:	☑

Comments:

Planned hole ID BOY019
Hole on hiatus at 78m on 2021/03/19 because of accelerated freeze thaw cycle during break up and poor road conditions.

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
12	ReflexEZS	Nordik Drilling	2021-03-19	-49.1	126.9			57823	☑	
15	ReflexEZS	Nordik Drilling	2021-03-19	-49.1	127.1			57447	☑	
18	ReflexEZS	Nordik Drilling	2021-03-19	-49	127.3			57246	☑	
24	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	127.5			57077	☑	
30	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	127.5			57020	☑	
33	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	127.6			57017	☑	
39	ReflexEZS	Nordik Drilling	2021-03-19	-48.7	127.2			56997	☑	
42	ReflexEZS	Nordik Drilling	2021-03-19	-48.8	127.4			56985	☑	
45	ReflexEZS	Nordik Drilling	2021-03-19	-49	127.9			56952	☑	
48	ReflexEZS	Nordik Drilling	2021-03-19	-49	127.9			56937	☑	
51	ReflexEZS	Nordik Drilling	2021-03-19	-49	128.2			56959	☑	

Hole: PAC-21-064

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
54	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	128			56975	☑	
57	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	128.7			56915	☑	
63	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	127.5			56872	☑	
66	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	128.4			56909	☑	
69	ReflexEZS	Nordik Drilling	2021-03-19	-49	127.8			56810	☑	
72	ReflexEZS	Nordik Drilling	2021-03-19	-48.9	128.3			56847	☑	
75	ReflexEZS	Nordik Drilling	2021-03-19	-49	128.3			56857	☑	
78	ReflexEZS	Nordik Drilling	2021-03-19	-49	128.3			56848	☑	

Hole: PAC-21-064

From (m)	To (m)		Rock Type & Description		
0.00	**7.00**	**OB**	**Overburden**		
7.00	**11.04**	**E1X**	**Volcanic breccia**	**dark grey**	**GS1**
Dark grey fine grained clastic mafic volcanic. Rounded ~2cm altered clasts throughout. Patchy tabular feldspar phenocrysts. Local strong bands and fracture related epidote alteretion. Pervasive potassic staining of varying intensity.					
<<Alt: 9 - 11: strong Epidote>>					
<<Alt: 11 - 18.43: intense K-feldspar>>					
11.04	**18.43**	**I3C**	**Granodiorite**	**"reddish"**	**GS2**
Grey and orange medium grained felsic intrusion. Strong pervasive and fracture related potassic alteration, weak stringers of epidote alteration related to fractures. On the edge of being a porphyry; only medium grained crystals are the feldspar crystals set in slightly finer grained groundmass.					
18.43	**26.70**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
Medium green-grey fine grained altered mafic volcanic. Patchy bands of of foliation parallel epidote and associated potassic alteration. Occasional feldspar phenocrysts. Weak consistent foliation. Non magnetic.					
<<Alt: 18.43 - 26.7: moderate Epidote / weak K-feldspar>>					
26.70	**42.57**	**I3**	**Felsic intrusive**	**"reddish"**	**GS2**
Red orange medium grained altered felsic intrusion. Variable alteration and modal mineralogy throughout. Strong pervassive potassic staining throughout entire interval. Variable chlorite alteration in groundmass. Texture is dominated by mostly euhedral feldspar crystals. Late fracture filling epidote alteration. Structure is not consistent, not mineralized, non magnetic. Upper and lower contacts are sharp, crosscutting, but not perfectly planar.					
<<Alt: 26.7 - 42.57: intense K-feldspar>>					
42.57	**49.60**	**E1**	**mafic volcanics**	**"greenish"**	**GS1**
Green grey fine grained altered and phenocrystic mafic volcanic. Coarse grained tabular euhderal felspar crystals throught, ~25%, non aligned. Moderate potassic staining throughout interval shown by altered phenocrysts and less so by the groundmass. Fracture related and bands of epidote alteration. Non magnetic, unmineralized.					
<<Alt: 42.57 - 71.46: moderate K-feldspar / moderate Epidote>>					

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
7.50	9.00	1.50	292738	0.011				
9.00	10.00	1.00	292739	0.007				
10.00	11.04	1.04	292741	0.01				
11.04	12.00	0.96	292742	0.0025				
42.57	44.00	1.43	292743	0.0025				
44.00	45.00	1.00	292744	0.0025				
45.00	46.00	1.00	292745	0.0025				
46.00	47.00	1.00	292746	0.01				
47.00	48.00	1.00	292747	0.006				
48.00	49.60	1.60	292748	0.0025				

Hole: PAC-21-064

From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
49.60	**50.83**	**I2** **Intermediate intrusive**	**"reddish"**	**GS1**									
Dark grey and orange intermediate intrusion. Fracture and pervasive potassic alteration. Late epiodte fracture fill alteration. Fine grained broken up garnet alteration disseminated throughout.													
50.83	**54.72**	**E1** **mafic volcanics**	**"greenish"**	**GS1**									
As above. Green grey fine grained altered and phenocrystic mafic volcanic. Coarse grained tabular euhderal felspar crystals throught, ~15%, non aligned. Moderate potassic staining throughout interval shown by altered phenocrysts and less so by the groundmass. Fracture related and bands of epidote alteration. Non magnetic, unmineralized.													
54.72	**55.46**	**I2** **Intermediate intrusive**	**dark green**	**GS1**									
Dark green fine grained intermediate intrusion. Strong pervasive fine grained cystaline chlorite alteration. Relics of fine to medium grained fedspar crystals.													
55.46	**71.46**	**E1** **mafic volcanics**	**"greenish"**	**GS1**									
As above. Green grey fine grained altered and phenocrystic mafic volcanic. Coarse grained tabular euhderal felspar crystals throught, ~15%, weakly aligned with local structure. Moderate potassic staining throughout interval shown by altered phenocrysts and less so by the groundmass. Fracture related and bands of epidote alteration. Weak planar late quartz veining with late epidote and potassic alteration. Weak local pyrite mineralization. Non magnetic.													
<<Min: 60 - 61.1: 3% pyrite>>													
<<Vein: 57.65 - 57.68: 90% Quartz vein contain >90% quartz>>													
<<Vein: 58.1 - 58.45: 90% Quartz vein contain >90% quartz>>													
<<Vein: 62.85 - 63.35: 25% Quartz vein contain >90% quartz>>													
<<Struc: 57 - 59: moderate Shistosity 35 deg. >>													
					56.00	57.00	1.00	292749	0.0025				
					57.00	58.00	1.00	292750	0.007				
					58.00	59.00	1.00	292751	0.013				
					59.00	60.00	1.00	292752	0.0025				
					60.00	61.00	1.00	292753	0.0025				
					61.00	62.00	1.00	292754	0.0025				
					62.00	63.00	1.00	292755	0.0025				
					63.00	64.00	1.00	292756	0.0025				
71.46	**78.00**	**I2** **Intermediate intrusive**	**medium green**	**GS2**									
Medium green grey intermediate intrusion. Groundmass texture is dominated by fine to medium grained subhedral felspar phenocrysts, rest of groundmass is quartz, biotite, and chlorite. Very weak pervasive epidote alteration. Weak structure.													

Hole: PAC-21-064

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm

End of Hole @ 78

Appendix III : Assay Certificates

Certificate of Analysis
Work Order : RL1901917
[Report File No.: 0000032717]

Date: November 01, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191029 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Oct 29, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
74	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901917 Order: Pacton Gold 20191029 Red Lake

Report File No.: 0000032717

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335001	2.84	<0.005	<5
335002	3.75	<0.005	<5
335003	3.52	<0.005	<5
335004	2.98	<0.005	<5
335005	2.78	<0.005	<5
335006	3.63	<0.005	<5
335007	1.18	<0.005	<5
335008	2.14	<0.005	<5
335009	2.39	<0.005	<5
335010	0.07	2.345	2345
335011	1.64	<0.005	<5
335012	1.14	<0.005	<5
335013	0.87	0.008	8
335014	0.80	<0.005	<5
335015	1.04	<0.005	<5
335016	2.26	<0.005	<5
335017	2.33	<0.005	<5
335018	3.33	<0.005	<5
335019	2.63	0.005	5
335020	3.21	<0.005	<5
335021	2.41	0.005	5
335022	2.82	<0.005	<5
335023	2.06	<0.005	<5
335024	1.72	<0.005	<5
335025	2.51	<0.005	<5
335026	1.62	<0.005	<5
335027	0.77	<0.005	<5
335028	1.43	<0.005	<5
335029	2.43	<0.005	<5
335030	3.10	<0.005	<5
335031	1.23	<0.005	<5
335032	2.34	<0.005	<5
335033	2.35	<0.005	<5
335034	1.87	<0.005	<5
335035	2.63	<0.005	<5
335036	1.77	<0.005	<5
335037	0.07	2.308	2308
*Dup 335037	N.A.	N.A.	N.A.
335038	2.59	<0.005	<5
335039	0.85	0.016	16

Final : RL1901917 Order: Pacton Gold 20191029 Red Lake

Report File No.: 0000032717

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335040	2.95	<0.005	<5
335041	2.65	<0.005	<5
335042	1.25	<0.005	<5
335043	1.50	<0.005	<5
335044	0.58	0.008	8
335045	1.72	<0.005	<5
335046	3.39	<0.005	<5
335047	3.42	<0.005	<5
335048	2.18	<0.005	<5
335049	2.05	<0.005	<5
335050	0.40	<0.005	<5
335051	2.86	<0.005	<5
335052	0.84	<0.005	<5
335053	2.06	<0.005	<5
335054	3.30	<0.005	<5
335055	0.76	<0.005	<5
335056	2.02	<0.005	<5
335057	1.51	0.006	6
335058	1.32	0.018	18
335059	0.66	<0.005	<5
335060	2.35	<0.005	<5
335061	2.21	<0.005	<5
335062	2.11	<0.005	<5
335063	1.96	<0.005	<5
335064	2.18	<0.005	<5
335065	2.24	<0.005	<5
335066	1.53	<0.005	<5
335067	2.65	<0.005	<5
335068	2.62	<0.005	<5
335069	2.61	<0.005	<5
335070	N.A.	<0.005	<5
335071	1.62	<0.005	<5
335072	1.34	<0.005	<5
335073	1.07	<0.005	<5
335074	2.48	<0.005	<5
*Dup 335074	N.A.	<0.005	<5
335075	2.15	<0.005	<5
*Rep 335015		<0.005	<5
*Rep 335061		<0.005	<5

Certificate of Analysis
Work Order : RL1901918
[Report File No.: 0000032718]

Date: November 01, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191029 Red Lake
Project No.: RED LAKE
Samples: 67
Received: Oct 29, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
67	G_WGH79	Sample Weight & Reporting of weights
67	GE_FAA313	@Au, FAS, AAS, 30g-5ml
67	G_LOG02	Pre-preparation processing, sorting, logging, boxing
67	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901918 Order: Pacton Gold 20191029 Red Lake

Report File No.: 0000032718

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335076	1.50	<0.005	<5
335077	1.12	<0.005	<5
335078	1.70	<0.005	<5
335079	2.54	<0.005	<5
335080	1.52	<0.005	<5
335081	3.13	<0.005	<5
335082	2.26	<0.005	<5
335083	2.55	<0.005	<5
335084	1.72	<0.005	<5
335085	0.62	<0.005	<5
335086	2.55	<0.005	<5
335087	2.37	<0.005	<5
335088	2.45	<0.005	<5
335089	3.08	<0.005	<5
335090	1.58	<0.005	<5
335091	0.07	2.246	2246
335092	2.52	<0.005	<5
335093	2.19	<0.005	<5
335094	2.73	<0.005	<5
335095	1.09	<0.005	<5
335096	0.58	<0.005	<5
335097	0.71	<0.005	<5
335098	3.13	<0.005	<5
335099	1.42	<0.005	<5
335100	1.17	<0.005	<5
335101	0.61	<0.005	<5
335102	0.59	<0.005	<5
335103	0.53	<0.005	<5
335104	0.67	<0.005	<5
335105	1.29	<0.005	<5
335106	1.96	0.012	12
335107	2.24	<0.005	<5
335108	2.09	<0.005	<5
335109	1.84	<0.005	<5
335110	0.07	2.234	2234
335111	2.94	<0.005	<5
335112	3.34	<0.005	<5
*Dup 335112	N.A.	<0.005	<5
335113	3.45	<0.005	<5
335114	2.14	<0.005	<5

Final : RL1901918 Order: Pacton Gold 20191029 Red Lake

Report File No.: 0000032718

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335115	2.30	<0.005	<5
335116	1.31	<0.005	<5
335117	2.77	<0.005	<5
335118	2.20	0.031	31
335119	2.10	0.037	37
335120	2.52	<0.005	<5
335121	1.77	<0.005	<5
335122	2.82	<0.005	<5
335123	1.12	0.007	7
335124	2.36	<0.005	<5
335125	1.13	<0.005	<5
335126	3.33	<0.005	<5
335127	2.10	<0.005	<5
335128	2.23	<0.005	<5
335129	0.53	<0.005	<5
335130	0.07	2.158	2158
335131	0.79	<0.005	<5
335132	0.80	0.010	10
335133	2.24	<0.005	<5
335134	2.35	<0.005	<5
335135	2.02	<0.005	<5
335136	2.08	<0.005	<5
335137	2.28	<0.005	<5
335138	2.21	0.006	6
335139	2.32	0.016	16
335140	2.12	<0.005	<5
335141	2.18	<0.005	<5
335142	2.08	<0.005	<5
*Rep 335077		<0.005	<5
*Rep 335140		<0.005	<5

Certificate of Analysis
Work Order : RL1901950
[Report File No.: 0000032796]

Date: November 07, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191101 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Nov 1, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901950 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032796

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335143	2.46	<0.005	<5
335144	3.59	<0.005	<5
335145	3.26	<0.005	<5
335146	3.19	<0.005	<5
335147	3.01	<0.005	<5
335148	3.25	<0.005	<5
335149	3.09	<0.005	<5
335150	0.07	2.322	2322
335151	3.40	<0.005	<5
335152	3.10	<0.005	<5
335153	2.32	<0.005	<5
335154	1.10	<0.005	<5
335155	0.99	<0.005	<5
335156	1.17	<0.005	<5
335157	1.27	<0.005	<5
335158	1.94	<0.005	<5
335159	2.25	<0.005	<5
335160	2.32	0.006	6
335161	2.30	<0.005	<5
335162	1.68	<0.005	<5
335163	2.00	0.009	9
335164	0.90	<0.005	<5
335165	0.78	<0.005	<5
335166	2.01	<0.005	<5
335167	2.08	<0.005	<5
335168	2.32	<0.005	<5
335169	2.09	<0.005	<5
335170	0.07	2.048	2048
335171	2.24	<0.005	<5
335172	2.19	<0.005	<5
335173	2.35	<0.005	<5
335174	2.02	<0.005	<5
335175	2.35	<0.005	<5
335176	2.40	<0.005	<5
335177	3.41	<0.005	<5
335178	3.14	0.012	12
335179	3.23	<0.005	<5
*Dup 335179	N.A.	<0.005	<5
335180	3.16	<0.005	<5
335181	2.15	<0.005	<5

Final : RL1901950 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032796

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335182	2.01	<0.005	<5
335183	2.53	<0.005	<5
335184	2.39	<0.005	<5
335185	2.11	<0.005	<5
335186	1.89	<0.005	<5
335187	2.70	<0.005	<5
335188	2.13	<0.005	<5
335189	3.58	<0.005	<5
335190	0.07	2.207	2207
335191	1.04	<0.005	<5
335192	1.04	<0.005	<5
335193	1.76	<0.005	<5
335194	1.78	<0.005	<5
335195	3.49	<0.005	<5
335196	3.43	<0.005	<5
335197	3.42	<0.005	<5
335198	3.26	<0.005	<5
335199	3.69	<0.005	<5
335200	3.22	<0.005	<5
335201	3.64	<0.005	<5
335202	3.14	<0.005	<5
335203	3.52	<0.005	<5
335204	2.13	<0.005	<5
335205	1.26	<0.005	<5
335206	2.12	<0.005	<5
335207	0.70	<0.005	<5
335208	1.90	<0.005	<5
335209	2.10	<0.005	<5
335210	0.07	2.151	2151
335211	3.84	<0.005	<5
335212	0.92	<0.005	<5
335213	3.78	<0.005	<5
335214	3.44	<0.005	<5
335215	3.41	0.008	8
335216	3.69	<0.005	<5
*Dup 335216	N.A.	<0.005	<5
335217	3.55	<0.005	<5

Certificate of Analysis
Work Order : RL1901951
[Report File No.: 0000032797]

Date: November 07, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191101 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Nov 1, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901951 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032797

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335218	3.45	<0.005	<5
335219	3.30	<0.005	<5
335220	3.60	<0.005	<5
335221	3.65	<0.005	<5
335222	3.42	<0.005	<5
335223	3.38	<0.005	<5
335224	3.62	<0.005	<5
335225	3.62	<0.005	<5
335226	3.48	<0.005	<5
335227	3.51	<0.005	<5
335228	2.24	<0.005	<5
335229	1.32	<0.005	<5
335230	0.07	2.029	2029
335231	2.21	<0.005	<5
335232	0.63	<0.005	<5
335233	2.03	<0.005	<5
335234	3.74	<0.005	<5
335235	3.09	<0.005	<5
335236	2.67	<0.005	<5
335237	3.63	<0.005	<5
335238	2.43	<0.005	<5
335239	2.07	<0.005	<5
335240	2.34	<0.005	<5
335241	2.55	<0.005	<5
335242	2.29	<0.005	<5
335243	2.24	<0.005	<5
335244	2.18	<0.005	<5
335245	3.27	<0.005	<5
335246	3.55	<0.005	<5
335247	3.66	<0.005	<5
335248	3.12	<0.005	<5
335249	2.39	<0.005	<5
335250	2.26	<0.005	<5
335251	2.17	0.005	5
335252	2.47	<0.005	<5
335253	2.46	<0.005	<5
335254	2.29	<0.005	<5
*Dup 335254	N.A.	0.009	9
335255	2.33	<0.005	<5
335256	0.45	<0.005	<5

Final : RL1901951 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032797

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335257	2.33	<0.005	<5
335258	2.40	<0.005	<5
335259	2.26	<0.005	<5
335260	2.32	<0.005	<5
335261	2.59	<0.005	<5
335262	4.00	<0.005	<5
335263	2.15	<0.005	<5
335264	2.24	<0.005	<5
335265	2.24	<0.005	<5
335266	2.28	<0.005	<5
335267	2.77	0.011	11
335268	2.10	0.009	9
335269	2.12	0.013	13
335270	2.45	0.012	12
335271	2.02	0.008	8
335272	2.04	0.007	7
335273	2.32	0.006	6
335274	2.24	0.008	8
335275	2.24	0.012	12
335276	1.31	<0.005	<5
335277	0.73	<0.005	<5
335278	2.31	<0.005	<5
335279	2.41	<0.005	<5
335280	2.01	<0.005	<5
335281	3.90	<0.005	<5
335282	3.63	<0.005	<5
335283	3.45	0.009	9
335284	3.27	<0.005	<5
335285	2.50	<0.005	<5
335286	2.15	<0.005	<5
335287	2.10	<0.005	<5
335288	2.57	<0.005	<5
335289	1.94	<0.005	<5
335290	2.10	0.005	5
335291	2.33	<0.005	<5
*Dup 335291	N.A.	<0.005	<5
335292	2.11	0.012	12
*Rep 335222		<0.005	<5
*Rep 335262		0.014	14

Certificate of Analysis
Work Order : RL1901952
[Report File No.: 0000032811]

Date: November 08, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191101 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Nov 1, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901952 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032811

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335293	2.14	<0.005	<5
335294	2.27	<0.005	<5
335295	2.21	<0.005	<5
335296	2.29	<0.005	<5
335297	0.07	2.068	2068
335298	2.19	<0.005	<5
335299	2.47	<0.005	<5
335300	1.87	<0.005	<5
335301	2.25	<0.005	<5
335302	2.42	<0.005	<5
335303	2.22	<0.005	<5
335304	2.20	<0.005	<5
335305	2.77	<0.005	<5
335306	1.73	<0.005	<5
335307	2.51	<0.005	<5
335308	2.11	<0.005	<5
335309	2.24	<0.005	<5
335310	2.36	<0.005	<5
335311	2.42	0.010	10
335312	2.21	0.013	13
335313	2.42	<0.005	<5
335314	2.42	<0.005	<5
335315	2.20	<0.005	<5
335316	2.47	<0.005	<5
335317	0.45	<0.005	<5
335318	2.24	<0.005	<5
335319	2.24	<0.005	<5
335320	2.35	<0.005	<5
335321	2.52	<0.005	<5
335322	2.01	<0.005	<5
335323	2.01	<0.005	<5
335324	2.59	<0.005	<5
335325	1.84	<0.005	<5
335326	1.43	0.024	24
335327	1.42	<0.005	<5
335328	2.38	<0.005	<5
335329	2.05	<0.005	<5
*Dup 335329	N.A.	<0.005	<5
335330	2.16	<0.005	<5
335331	2.41	<0.005	<5

Final : RL1901952 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032811

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335332	2.19	<0.005	<5
335333	2.28	<0.005	<5
335334	2.50	<0.005	<5
335335	2.10	<0.005	<5
335336	0.78	<0.005	<5
335337	0.78	<0.005	<5
335338	1.53	<0.005	<5
335339	1.45	<0.005	<5
335340	2.13	<0.005	<5
335341	2.65	<0.005	<5
335342	1.84	<0.005	<5
335343	2.11	<0.005	<5
335344	2.09	<0.005	<5
335345	2.45	<0.005	<5
335346	2.51	<0.005	<5
335347	2.01	<0.005	<5
335348	2.38	0.725	725
335349	2.14	<0.005	<5
335350	2.43	<0.005	<5
335351	2.39	<0.005	<5
335352	2.11	<0.005	<5
335353	2.55	<0.005	<5
335354	2.58	<0.005	<5
335355	1.96	<0.005	<5
335356	2.69	<0.005	<5
335357	0.07	2.013	2013
335358	2.47	<0.005	<5
335359	2.17	<0.005	<5
335360	2.74	<0.005	<5
335361	2.98	<0.005	<5
335362	1.99	<0.005	<5
335363	1.81	<0.005	<5
335364	2.35	<0.005	<5
335365	2.12	<0.005	<5
335366	2.20	<0.005	<5
*Dup 335366	N.A.	<0.005	<5
335367	2.68	<0.005	<5
*Rep 335303		<0.005	<5
*Rep 335351		<0.005	<5

Certificate of Analysis
Work Order : RL1901953
[Report File No.: 0000032812]

Date: November 08, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191101 Red Lake
Project No.: RED LAKE
Samples: 20
Received: Nov 1, 2019
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
20	G_WGH79	Sample Weight & Reporting of weights
20	GE_FAA313	@Au, FAS, AAS, 30g-5ml
20	G_LOG02	Pre-preparation processing, sorting, logging, boxing
20	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901953 Order: Pacton Gold 20191101 Red Lake

Report File No.: 0000032812

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335368	2.13	<0.005	<5
335369	2.32	<0.005	<5
335370	2.33	<0.005	<5
335371	2.32	<0.005	<5
335372	2.46	<0.005	<5
335373	2.00	<0.005	<5
335374	2.53	<0.005	<5
335375	2.26	<0.005	<5
335376	2.19	<0.005	<5
335377	0.58	<0.005	<5
335378	2.28	<0.005	<5
335379	2.29	<0.005	<5
335380	2.63	<0.005	<5
335381	2.02	<0.005	<5
335382	2.32	<0.005	<5
335383	2.20	<0.005	<5
335384	2.12	<0.005	<5
335385	2.32	<0.005	<5
335386	2.30	0.006	6
335387	2.30	<0.005	<5
*Rep 335369		<0.005	<5

Certificate of Analysis
Work Order : RL1901998
[Report File No.: 0000032859]

Date: November 11, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191107 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Nov 7, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901998 Order: Pacton Gold 20191107 Red Lake

Report File No.: 0000032859

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335388	2.32	<0.005	<5
335389	2.28	<0.005	<5
335390	2.28	<0.005	<5
335391	2.12	<0.005	<5
335392	2.18	<0.005	<5
335393	2.18	<0.005	<5
335394	2.38	<0.005	<5
335395	2.38	<0.005	<5
335396	2.00	<0.005	<5
335397	2.57	<0.005	<5
335398	2.16	<0.005	<5
335399	2.22	<0.005	<5
335400	2.31	<0.005	<5
335401	2.18	<0.005	<5
335402	2.21	<0.005	<5
335403	2.26	<0.005	<5
335404	2.14	<0.005	<5
335405	2.29	<0.005	<5
335406	2.24	<0.005	<5
335407	2.33	<0.005	<5
335408	0.43	<0.005	<5
335409	2.41	<0.005	<5
335410	2.19	<0.005	<5
335411	2.11	<0.005	<5
335412	2.18	<0.005	<5
335413	2.35	<0.005	<5
335414	2.45	<0.005	<5
335415	2.17	<0.005	<5
335416	2.15	0.008	8
335417	2.09	<0.005	<5
335418	0.40	<0.005	<5
335419	2.37	<0.005	<5
335420	2.45	0.007	7
335421	2.48	<0.005	<5
335422	1.82	<0.005	<5
335423	2.06	<0.005	<5
335424	2.39	<0.005	<5
*Dup 335424	2.39	<0.005	<5
335425	2.50	<0.005	<5
335426	2.09	<0.005	<5

Final : RL1901998 Order: Pacton Gold 20191107 Red Lake

Report File No.: 0000032859

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335427	2.48	0.010	10
335428	0.07	0.560	560
335429	2.07	<0.005	<5
335430	1.95	<0.005	<5
335431	2.28	<0.005	<5
335432	2.28	<0.005	<5
335433	2.11	<0.005	<5
335434	2.21	<0.005	<5
335435	2.36	<0.005	<5
335436	2.52	<0.005	<5
335437	2.12	<0.005	<5
335438	2.23	<0.005	<5
335439	2.33	<0.005	<5
335440	2.31	<0.005	<5
335441	2.32	<0.005	<5
335442	2.36	<0.005	<5
335443	2.45	0.009	9
335444	2.76	<0.005	<5
335445	1.62	<0.005	<5
335446	1.44	0.028	28
335447	1.69	0.007	7
335448	0.48	0.008	8
335449	2.35	0.009	9
335450	2.38	0.021	21
335451	2.05	0.008	8
335452	2.26	0.008	8
335453	2.26	<0.005	<5
335454	2.56	0.008	8
335455	2.19	0.015	15
335456	2.60	0.006	6
335457	2.30	<0.005	<5
335458	1.61	0.009	9
335459	1.78	0.010	10
335460	0.93	0.010	10
335461	2.74	0.006	6
*Dup 335461	2.74	<0.005	<5
335462	2.29	<0.005	<5
*Rep 335419		<0.005	<5
*Rep 335461		0.015	15

Certificate of Analysis
Work Order : RL1901999
[Report File No.: 0000032864]

Date: November 11, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191107 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Nov 7, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1901999 Order: Pacton Gold 20191107 Red Lake

Report File No.: 0000032864

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335463	0.70	0.018	18
335464	1.60	0.013	13
335465	2.67	0.026	26
335466	1.65	0.011	11
335467	2.27	0.014	14
335468	2.26	0.009	9
335469	1.25	0.008	8
335470	1.14	0.009	9
335471	0.92	0.006	6
335472	0.91	0.007	7
335473	0.93	0.009	9
335474	2.54	<0.005	<5
335475	2.43	<0.005	<5
335476	2.64	<0.005	<5
335477	1.58	<0.005	<5
335478	0.77	<0.005	<5
335479	2.00	<0.005	<5
335480	2.23	<0.005	<5
335481	2.55	<0.005	<5
335482	2.25	0.010	10
335483	2.00	<0.005	<5
335484	0.79	<0.005	<5
335485	0.90	<0.005	<5
335486	1.76	<0.005	<5
335487	3.10	<0.005	<5
335488	0.07	2.127	2127
335489	1.89	0.015	15
335490	1.99	0.005	5
335491	1.04	<0.005	<5
335492	1.20	0.006	6
335493	1.19	0.007	7
335494	2.76	<0.005	<5
335495	2.30	0.006	6
335496	0.66	<0.005	<5
335497	0.83	<0.005	<5
335498	0.53	<0.005	<5
335499	2.31	<0.005	<5
*Dup 335499	--	<0.005	<5
335500	2.02	<0.005	<5
335501	1.10	<0.005	<5

Final : RL1901999 Order: Pacton Gold 20191107 Red Lake

Report File No.: 0000032864

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335502	1.03	0.011	11
335503	1.02	<0.005	<5
335504	2.27	<0.005	<5
335505	2.45	<0.005	<5
335506	1.61	<0.005	<5
335507	1.90	<0.005	<5
335508	2.32	<0.005	<5
335509	0.32	<0.005	<5
335510	2.40	<0.005	<5
335511	2.11	<0.005	<5
335512	1.95	<0.005	<5
335513	1.14	<0.005	<5
335514	1.05	<0.005	<5
335515	1.15	<0.005	<5
335516	2.24	<0.005	<5
335517	2.12	<0.005	<5
335518	2.10	<0.005	<5
335519	2.27	0.007	7
335520	2.17	0.013	13
335521	2.30	<0.005	<5
335522	1.87	0.012	12
335523	2.35	<0.005	<5
335524	1.27	0.009	9
335525	1.08	<0.005	<5
335526	1.12	<0.005	<5
335527	2.18	<0.005	<5
335528	0.99	<0.005	<5
335529	1.06	<0.005	<5
335530	2.58	<0.005	<5
335531	2.51	<0.005	<5
335532	1.94	<0.005	<5
335533	1.91	<0.005	<5
335534	1.56	<0.005	<5
335535	2.28	<0.005	<5
335536	2.19	<0.005	<5
*Dup 335536	--	<0.005	<5
335537	1.83	<0.005	<5
*Rep 335472		0.027	27
*Rep 335523		<0.005	<5

Certificate of Analysis
Work Order : RL1902000
[Report File No.: 0000032875]

Date: November 11, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191107 Red Lake
Project No.: RED LAKE
Samples: 25
Received: Nov 7, 2019
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
25	G_WGH79	Sample Weight & Reporting of weights
25	GE_FAA313	@Au, FAS, AAS, 30g-5ml
25	G_LOG02	Pre-preparation processing, sorting, logging, boxing
25	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902000 Order: Pacton Gold 20191107 Red Lake

Report File No.: 0000032875

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335538	2.19	<0.005	<5
335539	2.14	<0.005	<5
335540	2.01	<0.005	<5
335541	2.03	<0.005	<5
335542	2.37	0.008	8
335543	1.94	<0.005	<5
335544	2.00	<0.005	<5
335545	2.13	<0.005	<5
335546	2.14	<0.005	<5
335547	2.19	<0.005	<5
335548	2.49	<0.005	<5
335549	0.07	<0.005	<5
335550	1.75	<0.005	<5
335551	1.92	<0.005	<5
335552	2.24	<0.005	<5
335553	2.17	<0.005	<5
335554	2.32	<0.005	<5
335555	2.13	<0.005	<5
335556	2.20	<0.005	<5
335557	2.20	<0.005	<5
335558	2.35	<0.005	<5
335559	2.13	<0.005	<5
335560	2.27	<0.005	<5
335561	1.16	<0.005	<5
335562	1.04	<0.005	<5
*Rep 335538		<0.005	<5

Certificate of Analysis
Work Order : RL1902148
[Report File No.: 0000033073]

Date: November 30, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191126 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Nov 26, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902148 Order: Pacton Gold 20191126 Red Lake

Report File No.: 0000033073

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335563	2.42	0.016	16
335564	1.18	0.010	10
335565	1.11	<0.005	<5
335566	1.22	<0.005	<5
335567	2.46	0.011	11
335568	2.22	<0.005	<5
335569	1.88	<0.005	<5
335570	2.51	<0.005	<5
335571	2.31	<0.005	<5
335572	2.56	0.005	5
335573	2.35	0.007	7
335574	1.83	0.016	16
335575	2.06	0.011	11
335576	2.31	<0.005	<5
335577	0.94	0.013	13
335578	1.22	0.013	13
335579	1.09	<0.005	<5
335580	2.62	<0.005	<5
335581	2.23	<0.005	<5
335582	0.61	<0.005	<5
335583	0.67	<0.005	<5
335584	0.36	<0.005	<5
335585	0.92	<0.005	<5
335586	2.04	<0.005	<5
335587	1.93	<0.005	<5
335588	2.12	<0.005	<5
335589	1.39	<0.005	<5
335590	2.90	<0.005	<5
335591	2.12	<0.005	<5
335592	2.17	<0.005	<5
335593	2.16	<0.005	<5
335594	1.34	<0.005	<5
335595	1.19	<0.005	<5
335596	3.00	<0.005	<5
335597	2.55	<0.005	<5
335598	3.05	<0.005	<5
335599	3.25	<0.005	<5
*Dup 335599	N.A.	<0.005	<5
335600	3.34	<0.005	<5
335601	2.82	<0.005	<5

Final : RL1902148 Order: Pacton Gold 20191126 Red Lake

Report File No.: 0000033073

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335602	3.89	<0.005	<5
335603	3.82	<0.005	<5
335604	3.64	<0.005	<5
335605	4.29	<0.005	<5
335606	2.62	<0.005	<5
335607	3.13	<0.005	<5
335608	2.78	<0.005	<5
335609	1.25	<0.005	<5
335610	1.22	<0.005	<5
335611	3.26	<0.005	<5
335612	2.54	<0.005	<5
335613	2.30	<0.005	<5
335614	2.45	<0.005	<5
335615	0.06	0.604	604
335616	2.38	<0.005	<5
335617	1.25	0.016	16
335618	3.42	0.009	9
335619	3.95	<0.005	<5
335620	3.64	0.017	17
335621	3.70	0.007	7
335622	3.73	<0.005	<5
335623	3.66	0.007	7
335624	3.29	<0.005	<5
335625	1.11	<0.005	<5
335626	2.02	<0.005	<5
335627	2.69	0.008	8
335628	3.57	<0.005	<5
335629	1.08	0.006	6
335630	2.07	0.006	6
335631	2.59	<0.005	<5
335632	2.28	<0.005	<5
335633	1.20	<0.005	<5
335634	0.36	0.017	17
335635	3.47	0.010	10
335636	3.19	<0.005	<5
*Dup 335636	N.A.	<0.005	<5
335637	3.48	<0.005	<5
*Rep 335563		0.007	7
*Rep 335615		N.A.	N.A.

Certificate of Analysis
Work Order : RL1902149
[Report File No.: 0000033074]

Date: November 30, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191126 Red Lake
Project No.: RED LAKE
Samples: 53
Received: Nov 26, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
53	G_WGH79	Sample Weight & Reporting of weights
53	GE_FAA313	@Au, FAS, AAS, 30g-5ml
53	G_LOG02	Pre-preparation processing, sorting, logging, boxing
53	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902149 Order: Pacton Gold 20191126 Red Lake

Report File No.: 0000033074

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335638	1.55	<0.005	<5
335639	3.12	<0.005	<5
335640	2.29	<0.005	<5
335641	1.32	<0.005	<5
335642	1.80	<0.005	<5
335643	1.35	<0.005	<5
335644	3.72	<0.005	<5
335645	1.43	<0.005	<5
335646	3.15	<0.005	<5
335647	2.77	<0.005	<5
335648	3.45	<0.005	<5
335649	3.61	<0.005	<5
335650	3.59	<0.005	<5
335651	3.52	<0.005	<5
335652	1.28	0.007	7
335653	2.00	<0.005	<5
335654	0.06	5.169	5169
335655	3.26	0.016	16
335656	3.11	0.005	5
335657	3.42	<0.005	<5
335658	2.63	<0.005	<5
335659	2.23	<0.005	<5
335660	3.25	<0.005	<5
335661	1.32	<0.005	<5
335662	3.60	<0.005	<5
335663	1.00	0.006	6
335664	2.01	0.005	5
335665	3.37	<0.005	<5
335666	3.48	<0.005	<5
335667	3.66	<0.005	<5
335668	3.51	<0.005	<5
335669	3.35	0.018	18
335670	3.53	0.029	29
335671	3.55	0.014	14
335672	2.23	0.010	10
335673	0.06	0.017	17
335674	2.48	0.024	24
*Dup 335674	N.A.	0.007	7
335675	2.22	0.021	21
335676	2.55	0.012	12

Final : RL1902149 Order: Pacton Gold 20191126 Red Lake

Report File No.: 0000033074

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335677	1.71	0.014	14
335678	2.96	<0.005	<5
335679	2.08	<0.005	<5
335680	2.09	<0.005	<5
335681	2.12	0.006	6
335682	2.47	<0.005	<5
335683	2.18	0.013	13
335684	1.35	0.013	13
335685	1.11	0.013	13
335686	0.90	0.008	8
335687	2.05	<0.005	<5
335688	2.53	0.033	33
335689	1.00	0.016	16
335690	1.39	0.017	17
*Rep 335641		<0.005	<5
*Rep 335674		0.019	19

Certificate of Analysis
Work Order : RL1902150
[Report File No.: 0000033076]

Date: November 30, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191126 Red Lake
Project No.: RED LAKE
Samples: 35
Received: Nov 26, 2019
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
35	G_WGH79	Sample Weight & Reporting of weights
35	GE_FAA313	@Au, FAS, AAS, 30g-5ml
35	G_LOG02	Pre-preparation processing, sorting, logging, boxing
35	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902150 Order: Pacton Gold 20191126 Red Lake

Report File No.: 0000033076

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335691	0.99	0.023	23
335692	0.29	<0.005	<5
335693	2.08	<0.005	<5
335694	2.74	0.015	15
335695	1.98	0.010	10
335696	2.67	<0.005	<5
335697	2.21	0.007	7
335698	2.25	0.010	10
335699	2.20	0.007	7
335700	2.50	0.016	16
335701	2.56	0.015	15
335702	2.61	0.022	22
335703	2.43	0.015	15
335704	2.61	0.011	11
335705	2.48	<0.005	<5
335706	2.48	0.008	8
335707	2.52	<0.005	<5
335708	2.88	0.011	11
335709	2.13	0.014	14
335710	2.47	0.006	6
335711	1.00	0.006	6
335712	1.05	0.006	6
335713	2.44	<0.005	<5
335714	2.13	<0.005	<5
335715	2.36	<0.005	<5
335716	2.07	0.011	11
335717	1.86	<0.005	<5
335718	1.82	<0.005	<5
335719	2.99	0.010	10
335720	2.20	<0.005	<5
335721	2.78	<0.005	<5
335722	2.24	<0.005	<5
335723	2.03	0.009	9
335724	2.64	<0.005	<5
335725	1.93	0.006	6
*Rep 335694		0.017	17

Certificate of Analysis
Work Order : RL1902229
[Report File No.: 0000033204]

Date: December 11, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191206 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Dec 6, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902229 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033204

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335726	2.92	<0.005	<5
335727	2.95	<0.005	<5
335728	3.84	<0.005	<5
335729	1.93	<0.005	<5
335730	2.32	0.079	79
335731	2.02	<0.005	<5
335732	2.14	<0.005	<5
335733	2.25	<0.005	<5
335734	2.46	<0.005	<5
335735	2.27	<0.005	<5
335736	2.47	<0.005	<5
335737	2.19	<0.005	<5
335738	1.87	<0.005	<5
335739	2.41	<0.005	<5
335740	2.23	<0.005	<5
335741	2.23	<0.005	<5
335742	2.05	<0.005	<5
335743	2.34	<0.005	<5
335744	2.14	<0.005	<5
335745	1.92	<0.005	<5
335746	1.16	<0.005	<5
335747	0.40	<0.005	<5
335748	0.85	<0.005	<5
335749	0.77	<0.005	<5
335750	0.83	<0.005	<5
335751	2.56	<0.005	<5
335752	2.13	<0.005	<5
335753	0.59	<0.005	<5
335754	0.65	<0.005	<5
335755	0.66	<0.005	<5
335756	2.49	<0.005	<5
335757	1.76	<0.005	<5
335758	2.00	<0.005	<5
335759	2.21	<0.005	<5
335760	1.16	<0.005	<5
335761	1.05	<0.005	<5
335762	1.18	<0.005	<5
*Dup 335762	N.A.	<0.005	<5
335763	2.33	<0.005	<5
335764	2.24	<0.005	<5

Final : RL1902229 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033204

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335765	2.22	<0.005	<5
335766	0.99	<0.005	<5
335767	1.08	<0.005	<5
335768	2.10	<0.005	<5
335769	2.26	<0.005	<5
335770	2.22	<0.005	<5
335771	2.23	<0.005	<5
335772	2.11	<0.005	<5
335773	2.12	<0.005	<5
335774	2.03	<0.005	<5
335775	2.54	<0.005	<5
335776	2.35	<0.005	<5
335777	2.24	<0.005	<5
335778	2.38	<0.005	<5
335779	2.24	<0.005	<5
335780	2.67	<0.005	<5
335781	2.05	<0.005	<5
335782	2.43	<0.005	<5
335783	2.19	<0.005	<5
335784	2.04	<0.005	<5
335785	2.10	<0.005	<5
335786	0.07	2.467	2467
335787	2.01	<0.005	<5
335788	4.25	<0.005	<5
335789	2.37	<0.005	<5
335790	2.20	0.061	61
335791	2.20	<0.005	<5
335792	2.35	<0.005	<5
335793	2.42	<0.005	<5
335794	1.81	<0.005	<5
335795	2.13	<0.005	<5
335796	2.12	<0.005	<5
335797	2.15	<0.005	<5
335798	2.27	<0.005	<5
335799	2.14	<0.005	<5
*Dup 335799	N.A.	<0.005	<5
335800	1.94	<0.005	<5
*Rep 335760		<0.005	<5
*Rep 335770		<0.005	<5

Certificate of Analysis
Work Order : RL1902230
[Report File No.: 0000033208]

Date: December 11, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191206 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Dec 6, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902230 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033208

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335801	2.56	<0.005	<5
335802	2.26	<0.005	<5
335803	1.83	<0.005	<5
335804	2.15	<0.005	<5
335805	2.31	<0.005	<5
335806	2.14	<0.005	<5
335807	0.37	<0.005	<5
335808	2.25	<0.005	<5
335809	1.97	<0.005	<5
335810	2.14	<0.005	<5
335811	2.24	<0.005	<5
335812	1.90	<0.005	<5
335813	2.22	<0.005	<5
335814	2.63	<0.005	<5
335815	1.85	<0.005	<5
335816	1.70	0.020	20
335817	2.54	0.049	49
335818	2.23	<0.005	<5
335819	2.38	<0.005	<5
335820	1.89	<0.005	<5
335821	2.31	<0.005	<5
335822	2.04	<0.005	<5
335823	2.14	<0.005	<5
335824	2.09	<0.005	<5
335825	1.88	<0.005	<5
335826	1.04	<0.005	<5
335827	1.06	<0.005	<5
335828	2.38	<0.005	<5
335829	1.98	<0.005	<5
335830	2.08	<0.005	<5
335831	2.41	<0.005	<5
335832	2.07	<0.005	<5
335833	2.10	<0.005	<5
335834	2.05	<0.005	<5
335835	1.94	<0.005	<5
335836	2.12	<0.005	<5
335837	2.08	<0.005	<5
*Dup 335837	N.A.	<0.005	<5
335838	1.99	<0.005	<5
335839	2.21	<0.005	<5

Final : RL1902230 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033208

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335840	1.76	<0.005	<5
335841	2.09	<0.005	<5
335842	2.25	<0.005	<5
335843	2.24	<0.005	<5
335844	2.39	0.006	6
335845	1.92	<0.005	<5
335846	2.02	<0.005	<5
335847	0.07	4.998	4998
335848	2.09	0.005	5
335849	2.17	<0.005	<5
335850	2.00	<0.005	<5
335851	1.77	<0.005	<5
335852	2.11	<0.005	<5
335853	2.06	<0.005	<5
335854	2.85	<0.005	<5
335855	2.17	<0.005	<5
335856	1.99	<0.005	<5
335857	2.00	<0.005	<5
335858	2.03	<0.005	<5
335859	2.06	<0.005	<5
335860	2.03	<0.005	<5
335861	2.04	<0.005	<5
335862	2.32	<0.005	<5
335863	1.92	<0.005	<5
335864	1.93	<0.005	<5
335865	1.93	<0.005	<5
335866	2.03	<0.005	<5
335867	0.36	<0.005	<5
335868	2.06	0.009	9
335869	1.97	<0.005	<5
335870	2.00	0.009	9
335871	2.04	0.006	6
335872	1.91	0.005	5
335873	2.23	<0.005	<5
335874	2.11	<0.005	<5
*Dup 335874	N.A.	<0.005	<5
335875	1.78	0.006	6
*Rep 335823		<0.005	<5
*Rep 335867		<0.005	<5

Certificate of Analysis
Work Order : RL1902231
[Report File No.: 0000033219]

Date: December 13, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191206 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Dec 6, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902231 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033219

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335876	2.19	0.006	6
335877	2.05	<0.005	<5
335878	2.18	<0.005	<5
335879	2.01	<0.005	<5
335880	2.14	<0.005	<5
335881	1.95	<0.005	<5
335882	2.02	<0.005	<5
335883	2.41	<0.005	<5
335884	1.71	<0.005	<5
335885	2.27	<0.005	<5
335886	2.13	<0.005	<5
335887	1.01	<0.005	<5
335888	0.90	<0.005	<5
335889	2.00	<0.005	<5
335890	2.26	<0.005	<5
335891	2.31	<0.005	<5
335892	2.05	<0.005	<5
335893	1.98	<0.005	<5
335894	2.04	<0.005	<5
335895	2.10	<0.005	<5
335896	2.13	<0.005	<5
335897	2.07	<0.005	<5
335898	2.08	<0.005	<5
335899	2.14	<0.005	<5
335900	2.16	<0.005	<5
335901	0.07	<0.005	<5
335902	4.87	<0.005	<5
335903	4.58	<0.005	<5
335904	4.16	<0.005	<5
335905	4.34	<0.005	<5
335906	3.65	<0.005	<5
335907	4.44	<0.005	<5
335908	4.20	0.011	11
335909	3.80	<0.005	<5
335910	4.19	<0.005	<5
335911	3.01	<0.005	<5
335912	1.27	<0.005	<5
*Dup 335912	N.A.	<0.005	<5
335913	1.46	<0.005	<5
335914	1.20	<0.005	<5

Final : RL1902231 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033219

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335915	3.64	<0.005	<5
335916	4.51	<0.005	<5
335917	2.15	0.006	6
335918	2.91	<0.005	<5
335919	2.17	<0.005	<5
335920	2.16	<0.005	<5
335921	0.35	<0.005	<5
335922	4.31	0.026	26
335923	4.23	<0.005	<5
335924	4.23	<0.005	<5
335925	1.50	<0.005	<5
335926	1.14	0.027	27
335927	1.48	<0.005	<5
335928	2.28	<0.005	<5
335929	2.02	<0.005	<5
335930	2.16	<0.005	<5
335931	2.27	<0.005	<5
335932	1.92	<0.005	<5
335933	2.38	<0.005	<5
335934	1.99	<0.005	<5
335935	2.10	<0.005	<5
335936	2.11	<0.005	<5
335937	2.17	<0.005	<5
335938	2.22	<0.005	<5
335939	4.28	<0.005	<5
335940	1.82	<0.005	<5
335941	1.76	<0.005	<5
335942	4.41	<0.005	<5
335943	3.85	<0.005	<5
335944	4.24	0.006	6
335945	4.34	<0.005	<5
335946	2.30	<0.005	<5
335947	2.16	<0.005	<5
335948	2.25	0.007	7
335949	2.45	<0.005	<5
*Dup 335949	N.A.	<0.005	<5
335950	3.16	<0.005	<5
*Rep 335909		<0.005	<5
*Rep 335926		<0.005	<5

Certificate of Analysis
Work Order : RL1902232
[Report File No.: 0000033212]

Date: December 11, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191206 Red Lake
Project No.: RED LAKE
Samples: 37
Received: Dec 6, 2019
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
37	G_WGH79	Sample Weight & Reporting of weights
37	GE_FAA313	@Au, FAS, AAS, 30g-5ml
37	G_LOG02	Pre-preparation processing, sorting, logging, boxing
37	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902232 Order: Pacton Gold 20191206 Red Lake

Report File No.: 0000033212

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335951	1.23	0.005	5
335952	2.02	<0.005	<5
335953	0.81	0.006	6
335954	2.06	<0.005	<5
335955	2.28	0.006	6
335956	1.87	<0.005	<5
335957	1.16	0.014	14
335958	1.04	0.006	6
335959	2.18	<0.005	<5
335960	3.58	0.005	5
335961	0.07	5.012	5012
335962	4.32	0.007	7
335963	3.01	<0.005	<5
335964	3.98	<0.005	<5
335965	3.20	<0.005	<5
335966	2.83	0.006	6
335967	2.37	<0.005	<5
335968	2.18	<0.005	<5
335969	3.07	<0.005	<5
335970	3.18	<0.005	<5
335971	3.23	<0.005	<5
335972	2.90	<0.005	<5
335973	3.54	<0.005	<5
335974	2.14	<0.005	<5
335975	3.49	<0.005	<5
335976	4.69	<0.005	<5
335977	4.10	<0.005	<5
335978	3.90	<0.005	<5
335979	2.91	<0.005	<5
335980	3.00	<0.005	<5
335981	0.43	<0.005	<5
335982	2.27	<0.005	<5
335983	3.14	<0.005	<5
335984	1.90	<0.005	<5
335985	2.64	<0.005	<5
335986	0.69	<0.005	<5
335987	0.69	<0.005	<5
*Dup 335987	N.A.	<0.005	<5
*Rep 335955		<0.005	<5

Certificate of Analysis
Work Order : RL1902282
[Report File No.: 0000033291]

Date: December 18, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191212 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Dec 12, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902282 Order: Pacton Gold 20191212 Red Lake

Report File No.: 0000033291

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
335988	0.37	0.006	6
335989	4.19	0.009	9
335990	2.06	0.011	11
335991	2.19	0.007	7
335992	2.18	0.006	6
335993	2.13	0.005	5
335994	2.32	<0.005	<5
335995	2.40	0.009	9
335996	4.30	<0.005	<5
335997	4.17	0.035	35
335998	4.37	0.018	18
335999	3.06	<0.005	<5
336000	2.15	<0.005	<5
336001	1.98	0.008	8
336002	1.63	<0.005	<5
336003	3.47	<0.005	<5
336004	2.21	<0.005	<5
336005	3.29	<0.005	<5
336006	3.07	<0.005	<5
336007	1.38	<0.005	<5
336008	1.43	<0.005	<5
336009	1.18	<0.005	<5
336010	2.55	<0.005	<5
336011	3.17	<0.005	<5
336012	3.15	0.008	8
336013	2.34	<0.005	<5
336014	2.24	<0.005	<5
336015	2.29	<0.005	<5
336016	2.15	0.266	266
336017	3.40	<0.005	<5
336018	3.08	<0.005	<5
336019	2.50	<0.005	<5
336020	4.02	0.009	9
336021	2.12	<0.005	<5
336022	3.59	0.006	6
336023	3.37	<0.005	<5
336024	2.67	<0.005	<5
*Dup 336024	N.A.	0.005	5
336025	3.26	<0.005	<5
336026	2.95	<0.005	<5

Final : RL1902282 Order: Pacton Gold 20191212 Red Lake

Report File No.: 0000033291

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336027	3.21	<0.005	<5
336028	0.07	0.519	519
336029	3.22	0.007	7
336030	3.60	<0.005	<5
336031	3.01	<0.005	<5
336032	3.21	<0.005	<5
336033	3.25	<0.005	<5
336034	2.42	<0.005	<5
336035	4.76	<0.005	<5
336036	3.64	<0.005	<5
336037	3.41	<0.005	<5
336038	2.26	0.007	7
336039	3.79	<0.005	<5
336040	3.47	<0.005	<5
336041	3.53	0.008	8
336042	3.52	<0.005	<5
336043	3.53	0.014	14
336044	3.53	<0.005	<5
336045	3.34	<0.005	<5
336046	3.38	<0.005	<5
336047	3.86	0.007	7
336048	0.54	<0.005	<5
336049	3.31	0.009	9
336050	3.59	0.040	40
336051	1.08	0.012	12
336052	1.83	<0.005	<5
336053	1.45	0.009	9
336054	2.16	<0.005	<5
336055	3.04	<0.005	<5
336056	1.51	<0.005	<5
336057	1.26	<0.005	<5
336058	1.35	<0.005	<5
336059	1.39	0.009	9
336060	2.30	<0.005	<5
336061	2.22	<0.005	<5
*Dup 336061	N.A.	0.006	6
336062	1.97	0.008	8
*Rep 335993		<0.005	<5
*Rep 336057		<0.005	<5

Certificate of Analysis
Work Order : RL1902283
[Report File No.: 0000033292]

Date: December 18, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191212 Red Lake
Project No.: RED LAKE
Samples: 42
Received: Dec 12, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
42	G_WGH79	Sample Weight & Reporting of weights
42	GE_FAA313	@Au, FAS, AAS, 30g-5ml
42	G_LOG02	Pre-preparation processing, sorting, logging, boxing
42	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902283 Order: Pacton Gold 20191212 Red Lake

Report File No.: 0000033292

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336063	2.35	<0.005	<5
336064	2.78	0.006	6
336065	1.93	<0.005	<5
336066	2.10	<0.005	<5
336067	1.05	<0.005	<5
336068	0.81	<0.005	<5
336069	2.15	<0.005	<5
336070	2.29	<0.005	<5
336071	0.07	4.737	4737
336072	2.28	<0.005	<5
336073	0.46	<0.005	<5
336074	1.11	<0.005	<5
336075	1.04	<0.005	<5
336076	1.63	<0.005	<5
336077	1.93	<0.005	<5
336078	1.92	<0.005	<5
336079	3.15	<0.005	<5
336080	3.20	<0.005	<5
336081	3.19	0.006	6
336082	2.64	<0.005	<5
336083	2.61	<0.005	<5
336084	2.04	0.005	5
336085	3.15	0.007	7
336086	2.82	<0.005	<5
336087	2.54	<0.005	<5
336088	2.33	<0.005	<5
336089	2.29	0.011	11
336090	1.95	0.169	169
336091	1.58	<0.005	<5
336092	1.55	<0.005	<5
336093	3.16	<0.005	<5
336094	3.23	0.005	5
336095	2.36	<0.005	<5
336096	1.79	0.006	6
336097	1.23	<0.005	<5
336098	1.74	<0.005	<5
336099	1.80	<0.005	<5
*Dup 336099	N.A.	<0.005	<5
336100	1.87	<0.005	<5
336101	2.09	<0.005	<5

Final : RL1902283 Order: Pacton Gold 20191212 Red Lake

Report File No.: 0000033292

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336102	2.26	0.006	6
336103	1.72	0.008	8
336104	3.04	<0.005	<5
*Rep 336071		N.A.	N.A.
*Rep 336099		<0.005	<5

Certificate of Analysis
Work Order : RL1902284
[Report File No.: 0000033303]

Date: December 19, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191212 Red Lake
Project No.: RED LAKE
Samples: 41
Received: Dec 12, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
41	G_WGH79	Sample Weight & Reporting of weights
41	GE_FAA313	@Au, FAS, AAS, 30g-5ml
41	G_LOG02	Pre-preparation processing, sorting, logging, boxing
41	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902284 Order: Pacton Gold 20191212 Red Lake

Report File No.: 0000033303

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336105	1.81	0.008	8
336106	3.14	<0.005	<5
336107	1.22	<0.005	<5
336108	2.08	0.009	9
336109	2.85	<0.005	<5
336110	2.25	0.014	14
336111	3.12	0.006	6
336112	0.07	0.010	10
336113	2.94	0.006	6
336114	2.87	<0.005	<5
336115	2.93	<0.005	<5
336116	2.54	<0.005	<5
336117	2.06	<0.005	<5
336118	3.70	0.006	6
336119	2.80	<0.005	<5
336120	2.84	<0.005	<5
336121	1.45	0.005	5
336122	2.26	<0.005	<5
336123	2.52	<0.005	<5
336124	1.81	<0.005	<5
336125	2.38	<0.005	<5
336126	2.89	<0.005	<5
336127	2.23	<0.005	<5
336128	2.03	<0.005	<5
336129	2.84	<0.005	<5
336130	2.04	<0.005	<5
336131	2.19	<0.005	<5
336132	0.47	<0.005	<5
336133	2.05	<0.005	<5
336134	2.08	0.006	6
336135	3.13	<0.005	<5
336136	3.25	<0.005	<5
336137	3.20	<0.005	<5
336138	3.34	0.007	7
336139	3.14	<0.005	<5
336140	1.57	<0.005	<5
336141	1.74	<0.005	<5
*Dup 336141	N.A.	<0.005	<5
336142	3.16	<0.005	<5
336143	2.04	<0.005	<5

Final : RL1902284 Order: Pacton Gold 20191212 Red Lake

Report File No.: 0000033303

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336144	1.30	<0.005	<5
336145	1.44	<0.005	<5
*Rep 336119		<0.005	<5

Certificate of Analysis
Work Order : RL1902305
[Report File No.: 0000033305]

Date: December 19, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191216 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Dec 16, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902305 Order: Pacton Gold 20191216 Red Lake

Report File No.: 0000033305

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336146	0.34	0.006	6
336147	2.21	<0.005	<5
336148	2.08	0.010	10
336149	1.40	<0.005	<5
336150	2.22	<0.005	<5
336151	2.42	0.010	10
336152	2.46	0.011	11
336153	2.20	<0.005	<5
336154	3.45	<0.005	<5
336155	3.19	<0.005	<5
336156	3.07	<0.005	<5
336157	3.44	0.013	13
336158	1.38	<0.005	<5
336159	3.12	<0.005	<5
336160	2.70	0.011	11
336161	2.45	0.006	6
336162	1.92	0.009	9
336163	3.15	0.010	10
336164	2.38	<0.005	<5
336165	0.82	<0.005	<5
336166	0.70	0.008	8
336167	2.17	<0.005	<5
336168	1.96	<0.005	<5
336169	2.12	<0.005	<5
336170	2.12	<0.005	<5
336171	2.24	<0.005	<5
336172	2.15	<0.005	<5
336173	2.05	<0.005	<5
336174	2.50	<0.005	<5
336175	3.18	0.009	9
336176	3.19	<0.005	<5
336177	2.18	0.006	6
336178	3.66	<0.005	<5
336179	4.19	<0.005	<5
336180	2.35	0.005	5
336181	3.03	<0.005	<5
336182	3.99	0.006	6
*Dup 336182	N.A.	0.009	9
336183	1.87	0.010	10
336184	2.26	0.008	8

Final : RL1902305 Order: Pacton Gold 20191216 Red Lake

Report File No.: 0000033305

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336185	2.47	0.009	9
336186	0.07	0.651	651
336187	3.21	0.006	6
336188	1.86	0.009	9
336189	3.12	<0.005	<5
336190	2.11	<0.005	<5
336191	1.57	<0.005	<5
336192	1.32	<0.005	<5
336193	1.91	<0.005	<5
336194	2.83	<0.005	<5
336195	2.11	<0.005	<5
336196	1.79	<0.005	<5
336197	2.24	<0.005	<5
336198	2.05	<0.005	<5
336199	2.11	0.007	7
336200	3.09	0.007	7
336201	1.76	0.007	7
336202	2.67	0.027	27
336203	2.48	<0.005	<5
336204	3.04	<0.005	<5
336205	3.09	<0.005	<5
336206	0.23	<0.005	<5
336207	3.40	0.014	14
336208	2.80	0.245	245
336209	1.54	0.031	31
336210	2.32	<0.005	<5
336211	2.13	0.007	7
336212	1.38	0.014	14
336213	3.35	0.006	6
336214	3.67	0.009	9
336215	3.94	0.008	8
336216	3.84	<0.005	<5
336217	2.61	<0.005	<5
336218	3.05	<0.005	<5
336219	2.21	<0.005	<5
*Dup 336219	N.A.	0.009	9
336220	2.25	<0.005	<5
*Rep 336182		0.007	7
*Rep 336196		<0.005	<5

Certificate of Analysis
Work Order : RL1902306
[Report File No.: 0000033304]

Date: December 19, 2019

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20191216 Red Lake
Project No.: RED LAKE
Samples: 55
Received: Dec 16, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
55	G_WGH79	Sample Weight & Reporting of weights
55	GE_FAA313	@Au, FAS, AAS, 30g-5ml
55	G_LOG02	Pre-preparation processing, sorting, logging, boxing
55	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL1902306 Order: Pacton Gold 20191216 Red Lake

Report File No.: 0000033304

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336221	2.11	0.007	7
336222	3.09	0.011	11
336223	2.93	0.023	23
336224	3.12	0.005	5
336225	1.57	0.017	17
336226	1.58	0.009	9
336227	2.22	<0.005	<5
336228	3.01	<0.005	<5
336229	2.98	0.006	6
336230	3.40	0.114	114
336231	2.98	<0.005	<5
336232	2.25	<0.005	<5
336233	2.97	<0.005	<5
336234	1.86	<0.005	<5
336235	2.06	0.006	6
336236	1.73	<0.005	<5
336237	2.60	<0.005	<5
336238	3.49	<0.005	<5
336239	2.99	<0.005	<5
336240	3.11	<0.005	<5
336241	3.14	<0.005	<5
336242	2.65	<0.005	<5
336243	2.20	<0.005	<5
336244	1.08	0.008	8
336245	3.07	<0.005	<5
336246	0.45	<0.005	<5
336247	3.48	0.009	9
336248	2.85	<0.005	<5
336249	3.52	0.007	7
336250	2.83	<0.005	<5
336251	2.91	<0.005	<5
336252	2.29	<0.005	<5
336253	2.11	<0.005	<5
336254	3.28	<0.005	<5
336255	3.32	<0.005	<5
336256	2.18	<0.005	<5
336257	2.32	<0.005	<5
*Dup 336257	N.A.	<0.005	<5
336258	3.36	<0.005	<5
336259	2.48	<0.005	<5

Final : RL1902306 Order: Pacton Gold 20191216 Red Lake

Report File No.: 0000033304

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336260	2.13	<0.005	<5
336261	2.77	<0.005	<5
336262	3.32	<0.005	<5
336263	3.14	0.006	6
336264	3.33	<0.005	<5
336265	1.40	<0.005	<5
336266	1.52	<0.005	<5
336267	2.32	<0.005	<5
336268	1.98	<0.005	<5
336269	3.02	<0.005	<5
336270	2.15	<0.005	<5
336271	1.84	<0.005	<5
336272	2.55	<0.005	<5
336273	2.47	<0.005	<5
336274	2.30	<0.005	<5
336275	3.22	<0.005	<5
*Rep 336243		<0.005	<5
*Rep 336260		<0.005	<5

Certificate of Analysis
Work Order : RL2000065
[Report File No.: 0000033534]

Date: January 17, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200115 Red Lake
Project No.: RED LAKE
Samples: 69
Received: Jan 15, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
69	G_WGH79	Sample Weight & Reporting of weights
69	GE_FAA313	@Au, FAS, AAS, 30g-5ml
69	G_LOG02	Pre-preparation processing, sorting, logging, boxing
69	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000065 Order: Pacton Gold 20200115 Red Lake

Report File No.: 0000033534

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
253334	0.66	0.016	16
253335	0.84	0.093	93
253336	0.97	<0.005	<5
253337	0.47	<0.005	<5
253338	0.51	0.006	6
253339	0.91	<0.005	<5
253340	0.85	<0.005	<5
253341	0.45	<0.005	<5
253342	0.66	<0.005	<5
253343	0.81	<0.005	<5
253344	0.67	<0.005	<5
253345	0.10	5.167	5167
253346	0.22	<0.005	<5
253347	0.40	0.008	8
253348	0.86	0.015	15
253349	0.40	<0.005	<5
253350	0.54	<0.005	<5
253351	0.90	<0.005	<5
336276	2.82	<0.005	<5
336277	3.32	<0.005	<5
336278	4.51	<0.005	<5
336279	2.81	<0.005	<5
336280	2.75	<0.005	<5
336281	3.22	<0.005	<5
336282	2.54	<0.005	<5
336283	2.20	<0.005	<5
336284	3.63	<0.005	<5
336285	2.01	<0.005	<5
336286	0.10	0.539	539
336287	1.83	<0.005	<5
336288	2.15	<0.005	<5
336289	2.25	<0.005	<5
336290	2.78	<0.005	<5
336291	3.17	<0.005	<5
336292	2.64	<0.005	<5
336293	2.96	<0.005	<5
336294	2.74	<0.005	<5
*Dup 336294	N.A.	<0.005	<5
336295	3.77	<0.005	<5
336296	1.67	<0.005	<5

Final : RL2000065 Order: Pacton Gold 20200115 Red Lake

Report File No.: 0000033534

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336297	2.99	<0.005	<5
336298	2.45	<0.005	<5
336299	2.86	<0.005	<5
336300	2.37	<0.005	<5
336301	3.07	<0.005	<5
336302	3.40	<0.005	<5
336303	3.50	<0.005	<5
336304	3.32	<0.005	<5
336305	3.37	<0.005	<5
336306	0.30	<0.005	<5
336307	3.14	<0.005	<5
336308	3.08	<0.005	<5
336309	2.18	<0.005	<5
336310	2.17	<0.005	<5
336311	2.23	<0.005	<5
336312	3.26	<0.005	<5
336313	2.22	<0.005	<5
336314	3.39	<0.005	<5
336315	2.91	<0.005	<5
336316	3.14	<0.005	<5
336317	1.84	<0.005	<5
336318	3.61	<0.005	<5
336319	3.30	<0.005	<5
336320	3.82	<0.005	<5
336321	3.64	<0.005	<5
336322	3.95	<0.005	<5
336323	3.04	<0.005	<5
336324	3.70	<0.005	<5
336325	1.83	<0.005	<5
336326	1.77	<0.005	<5
*Rep 253346		<0.005	<5
*Rep 336310		<0.005	<5

Certificate of Analysis
Work Order : RL2000119
[Report File No.: 0000033611]

Date: January 26, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200124 Red Lake
Project No.: RED LAKE
Samples: 69
Received: Jan 24, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
69	G_WGH79	Sample Weight & Reporting of weights
69	GE_FAA313	@Au, FAS, AAS, 30g-5ml
1	GO_FAG303	@ Au, FAS, Gravimetric, 30g
69	G_LOG02	Pre-preparation processing, sorting, logging, boxing
69	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000119 Order: Pacton Gold 20200124 Red Lake

Report File No.: 0000033611

Element	WtKg	Au@	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313	GO_FAG303
Det.Lim.	0.01	0.005	5	1
Units	kg	g/t	ppb	g/t
336327	4.48	0.020	20	N.A.
336328	2.72	0.008	8	N.A.
336329	1.05	>10.000	>10000	17.17
336330	2.99	0.010	10	N.A.
336331	2.22	0.095	95	N.A.
336332	2.38	0.011	11	N.A.
336333	2.50	0.009	9	N.A.
336334	2.20	<0.005	<5	N.A.
336335	2.29	0.009	9	N.A.
336336	2.45	0.006	6	N.A.
336337	2.18	<0.005	<5	N.A.
336338	2.36	<0.005	<5	N.A.
336339	3.56	0.009	9	N.A.
336340	3.88	0.010	10	N.A.
336341	3.92	<0.005	<5	N.A.
336342	3.56	0.006	6	N.A.
336343	3.55	<0.005	<5	N.A.
336344	3.42	<0.005	<5	N.A.
336345	2.77	0.016	16	N.A.
336346	2.80	0.010	10	N.A.
336347	0.33	<0.005	<5	N.A.
336348	3.05	<0.005	<5	N.A.
336349	3.47	0.007	7	N.A.
336350	3.60	0.009	9	N.A.
336351	3.69	0.020	20	N.A.
336352	3.62	<0.005	<5	N.A.
336353	3.65	0.009	9	N.A.
336354	3.59	0.009	9	N.A.
336355	3.70	0.008	8	N.A.
336356	3.28	0.009	9	N.A.
336357	3.23	<0.005	<5	N.A.
336358	3.34	<0.005	<5	N.A.
336359	3.18	<0.005	<5	N.A.
336360	3.52	0.009	9	N.A.
336361	3.60	0.009	9	N.A.
336362	2.29	<0.005	<5	N.A.
336363	2.14	<0.005	<5	N.A.
*Dup 336363	N.A.	<0.005	<5	N.A.
336364	2.35	<0.005	<5	N.A.
336365	2.37	<0.005	<5	N.A.

Final : RL2000119 Order: Pacton Gold 20200124 Red Lake

Report File No.: 0000033611

Element	WtKg	Au@	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313	GO_FAG303
Det.Lim.	0.01	0.005	5	1
Units	kg	g/t	ppb	g/t
336366	0.99	<0.005	<5	N.A.
336367	0.99	<0.005	<5	N.A.
336368	2.37	0.007	7	N.A.
336369	3.42	<0.005	<5	N.A.
336370	3.40	0.007	7	N.A.
336371	3.22	0.007	7	N.A.
336372	3.48	0.010	10	N.A.
336373	3.26	0.020	20	N.A.
336374	3.68	<0.005	<5	N.A.
336375	2.12	<0.005	<5	N.A.
336376	3.45	0.007	7	N.A.
336377	1.87	<0.005	<5	N.A.
336378	2.41	<0.005	<5	N.A.
336379	2.47	0.010	10	N.A.
336380	2.37	0.012	12	N.A.
336381	2.35	0.008	8	N.A.
336382	3.30	0.012	12	N.A.
336383	3.20	0.015	15	N.A.
336384	2.74	0.008	8	N.A.
336385	2.45	0.016	16	N.A.
336386	2.19	0.017	17	N.A.
336387	0.06	0.545	545	N.A.
336388	3.48	0.012	12	N.A.
336389	3.29	0.007	7	N.A.
336390	3.45	0.010	10	N.A.
336391	3.39	0.009	9	N.A.
336392	3.18	<0.005	<5	N.A.
336393	3.06	0.009	9	N.A.
336394	3.27	0.005	5	N.A.
336395	5.41	0.014	14	N.A.

Certificate of Analysis
Work Order : RL2000141
[Report File No.: 0000033648]

Date: January 31, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200129 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Jan 29, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000141 Order: Pacton Gold 20200129 Red Lake

Report File No.: 0000033648

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336396	3.83	<0.005	<5
336397	3.24	<0.005	<5
336398	3.21	<0.005	<5
336399	2.95	0.007	7
336400	2.88	<0.005	<5
336401	2.88	0.024	24
336402	0.75	<0.005	<5
336403	2.77	<0.005	<5
336404	3.12	<0.005	<5
336405	1.08	<0.005	<5
336406	1.03	<0.005	<5
336407	0.35	<0.005	<5
336408	1.03	0.008	8
336409	1.00	0.006	6
336410	1.11	<0.005	<5
336411	2.01	<0.005	<5
336412	2.23	<0.005	<5
336413	2.07	<0.005	<5
336414	1.14	<0.005	<5
336415	3.11	0.005	5
336416	3.02	<0.005	<5
336417	1.99	<0.005	<5
336418	0.98	<0.005	<5
336419	2.01	<0.005	<5
336420	2.58	0.014	14
336421	1.18	<0.005	<5
336422	2.37	<0.005	<5
336423	3.07	<0.005	<5
336424	3.08	0.015	15
336425	2.06	<0.005	<5
336426	2.93	<0.005	<5
336427	3.00	<0.005	<5
336428	2.10	<0.005	<5
336429	2.46	<0.005	<5
336430	0.97	<0.005	<5
336431	1.01	<0.005	<5
336432	3.11	<0.005	<5
*Dup 336432	N.A.	0.009	9
336433	1.78	<0.005	<5
336434	1.60	<0.005	<5

Final : RL2000141 Order: Pacton Gold 20200129 Red Lake

Report File No.: 0000033648

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336435	0.05	0.581	581
336436	2.08	<0.005	<5
336437	2.38	<0.005	<5
336438	3.12	0.011	11
336439	2.94	<0.005	<5
336440	3.30	<0.005	<5
336441	3.09	<0.005	<5
336442	0.82	0.010	10
336443	2.34	<0.005	<5
336444	3.10	0.006	6
336445	1.97	<0.005	<5
336446	1.97	<0.005	<5
336447	1.29	<0.005	<5
336448	2.99	<0.005	<5
336449	3.12	<0.005	<5
336450	2.10	<0.005	<5
336451	2.86	<0.005	<5
336452	2.69	<0.005	<5
336453	2.53	<0.005	<5
336454	0.92	0.019	19
336455	0.91	<0.005	<5
336456	2.07	<0.005	<5
336457	3.12	<0.005	<5
336458	3.17	<0.005	<5
336459	3.41	<0.005	<5
336460	3.36	<0.005	<5
336461	3.16	<0.005	<5
336462	2.12	<0.005	<5
336463	2.69	<0.005	<5
336464	2.75	<0.005	<5
336465	1.03	<0.005	<5
336466	1.91	<0.005	<5
336467	2.18	<0.005	<5
336468	2.45	<0.005	<5
336469	1.97	<0.005	<5
*Dup 336469	N.A.	<0.005	<5
336470	2.34	<0.005	<5
*Rep 336398		<0.005	<5
*Rep 336452		<0.005	<5

Certificate of Analysis
Work Order : RL2000142
[Report File No.: 0000033649]

Date: February 01, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200129 Red Lake
Project No.: RED LAKE
Samples: 45
Received: Jan 29, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
45	G_WGH79	Sample Weight & Reporting of weights
45	GE_FAA313	@Au, FAS, AAS, 30g-5ml
45	G_LOG02	Pre-preparation processing, sorting, logging, boxing
45	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000142 Order: Pacton Gold 20200129 Red Lake

Report File No.: 0000033649

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336471	2.78	<0.005	<5
336472	2.29	0.006	6
336473	2.07	<0.005	<5
336474	2.91	0.007	7
336475	0.35	<0.005	<5
336476	2.32	<0.005	<5
336477	3.34	<0.005	<5
336478	3.39	0.005	5
336479	2.55	<0.005	<5
336480	3.03	<0.005	<5
336481	3.14	0.005	5
336482	3.36	<0.005	<5
336483	2.08	<0.005	<5
336484	2.41	<0.005	<5
336485	2.58	<0.005	<5
336486	2.29	<0.005	<5
336487	2.25	0.006	6
336488	2.28	<0.005	<5
336489	1.87	0.012	12
336490	2.78	0.014	14
336491	3.20	0.007	7
336492	3.22	0.007	7
336493	2.99	0.008	8
336494	0.05	2.004	2004
336495	3.21	<0.005	<5
336496	2.63	<0.005	<5
336497	2.12	0.007	7
336498	1.99	0.028	28
336499	2.35	0.009	9
336500	2.43	0.013	13
336501	1.98	0.009	9
336502	2.12	0.015	15
336503	3.34	<0.005	<5
336504	1.17	0.006	6
336505	3.24	<0.005	<5
336506	2.99	<0.005	<5
336507	3.19	<0.005	<5
*Dup 336507	N.A.	<0.005	<5
336508	3.26	0.006	6
336509	3.21	<0.005	<5

Final : RL2000142 Order: Pacton Gold 20200129 Red Lake

Report File No.: 0000033649

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336510	3.17	<0.005	<5
336511	3.16	<0.005	<5
336512	3.12	<0.005	<5
336513	3.19	<0.005	<5
336514	1.44	0.006	6
336515	1.42	0.010	10
*Rep 336490		0.008	8
*Rep 336497		0.008	8

Certificate of Analysis
Work Order : RL2000196
[Report File No.: 0000033711]

Date: February 08, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200207 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Feb 7, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000196 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033711

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336516	2.28	<0.005	<5
336517	1.21	<0.005	<5
336518	1.40	<0.005	<5
336519	1.69	<0.005	<5
336520	1.00	<0.005	<5
336521	1.47	<0.005	<5
336522	3.09	<0.005	<5
336523	1.38	<0.005	<5
336524	2.46	0.013	13
336525	3.08	<0.005	<5
336526	2.18	<0.005	<5
336527	2.27	<0.005	<5
336528	1.90	<0.005	<5
336529	2.96	0.006	6
336530	2.46	<0.005	<5
336531	1.14	<0.005	<5
336532	2.65	<0.005	<5
336533	2.97	<0.005	<5
336534	3.14	<0.005	<5
336535	0.38	<0.005	<5
336536	3.03	<0.005	<5
336537	3.44	<0.005	<5
336538	3.27	<0.005	<5
336539	2.98	<0.005	<5
336540	3.13	<0.005	<5
336541	2.99	<0.005	<5
336542	1.18	0.009	9
336543	2.18	0.015	15
336544	2.84	0.075	75
336545	3.31	<0.005	<5
336546	2.57	<0.005	<5
336547	3.34	<0.005	<5
336548	2.03	<0.005	<5
336549	2.25	0.006	6
336550	2.71	0.009	9
336551	2.26	<0.005	<5
336552	1.05	0.005	5
*Dup 336552	N.A.	0.008	8
336553	2.39	0.011	11
336554	3.14	<0.005	<5

Final : RL2000196 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033711

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336555	0.05	4.616	4616
336556	2.90	0.037	37
336557	2.93	0.006	6
336558	1.55	<0.005	<5
336559	2.86	<0.005	<5
336560	3.11	<0.005	<5
336561	3.17	<0.005	<5
336562	3.04	<0.005	<5
336563	2.22	0.006	6
336564	2.26	0.032	32
336565	2.23	0.013	13
336566	3.10	0.019	19
336567	1.98	0.013	13
336568	1.33	<0.005	<5
336569	1.06	<0.005	<5
336570	3.20	0.007	7
336571	2.13	0.007	7
336572	2.30	0.005	5
336573	1.28	<0.005	<5
336574	1.36	0.010	10
336575	1.83	0.018	18
336576	1.91	0.007	7
336577	2.13	0.011	11
336578	3.30	0.008	8
336579	3.20	0.007	7
336580	3.35	0.015	15
336581	3.17	<0.005	<5
336582	1.59	0.010	10
336583	1.79	0.007	7
336584	2.80	<0.005	<5
336585	3.38	0.006	6
336586	3.25	0.013	13
336587	3.19	0.011	11
336588	3.41	0.009	9
336589	1.93	<0.005	<5
*Dup 336589	N.A.	<0.005	<5
336590	3.14	0.005	5
*Rep 336517		<0.005	<5
*Rep 336569		0.012	12

Certificate of Analysis
Provisional : Work Order : RL2000197
[Report File No.: 0000033712]

Date: February 08, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200207 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Feb 7, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Provisional : RL2000197 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033712

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336591	3.19	0.010	10
336592	3.38	<0.005	<5
336593	3.28	<0.005	<5
336594	3.20	0.013	13
336595	0.36	0.006	6
336596	1.95	--	--
336597	1.03	--	--
336598	2.45	--	--
336599	2.13	--	--
336600	3.32	--	--
336601	3.63	--	--
336602	2.78	--	--
336603	1.59	0.008	8
336604	1.46	--	--
336605	0.05	--	--
336606	2.14	--	--
336607	3.13	0.007	7
336608	3.03	0.010	10
336609	2.12	0.006	6
336610	2.42	0.007	7
336611	3.33	0.140	140
336612	1.24	0.005	5
336613	2.23	<0.005	<5
336614	1.01	<0.005	<5
336615	1.05	<0.005	<5
336616	3.28	<0.005	<5
336617	3.71	<0.005	<5
336618	3.06	0.014	14
336619	3.15	<0.005	<5
336620	0.95	0.013	13
336621	0.84	<0.005	<5
336622	1.25	0.005	5
336623	0.57	<0.005	<5
336624	0.47	0.019	19
336625	2.04	<0.005	<5
336626	1.45	<0.005	<5
336627	1.17	0.007	7
*Dup 336627	N.A.	<0.005	<5
336628	0.73	<0.005	<5
336629	2.22	<0.005	<5

Provisional : RL2000197 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033712

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336630	1.35	<0.005	<5
336631	1.41	<0.005	<5
336632	1.77	0.006	6
336633	3.29	0.007	7
336634	3.10	<0.005	<5
336635	2.80	<0.005	<5
336636	2.70	<0.005	<5
336637	3.40	<0.005	<5
336638	0.72	0.007	7
336639	2.07	<0.005	<5
336640	2.00	0.005	5
336641	3.04	<0.005	<5
336642	2.67	<0.005	<5
336643	3.16	<0.005	<5
336644	3.04	<0.005	<5
336645	0.29	0.005	5
336646	1.54	0.007	7
336647	1.03	<0.005	<5
336648	2.23	<0.005	<5
336649	1.91	<0.005	<5
336650	0.81	<0.005	<5
336651	2.76	0.007	7
336652	2.76	0.008	8
336653	3.23	<0.005	<5
336654	3.49	<0.005	<5
336655	3.10	0.006	6
336656	1.92	<0.005	<5
336657	1.18	<0.005	<5
336658	1.40	<0.005	<5
336659	3.04	<0.005	<5
336660	3.41	0.009	9
336661	3.03	<0.005	<5
336662	3.09	<0.005	<5
336663	3.04	<0.005	<5
336664	0.05	0.580	580
*Dup 336664	N.A.	N.A.	N.A.
336665	2.94	0.007	7
*Rep 336603		0.008	8
*Rep 336653		<0.005	<5

Certificate of Analysis
Work Order : RL2000197
[Report File No.: 0000033729]

Date: February 11, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200207 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Feb 7, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000197 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033729

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336591	3.19	0.010	10
336592	3.38	<0.005	<5
336593	3.28	<0.005	<5
336594	3.20	0.013	13
336595	0.36	0.006	6
336596	1.95	0.009	9
336597	1.03	0.012	12
336598	2.45	0.007	7
336599	2.13	0.009	9
336600	3.32	0.005	5
336601	3.63	0.013	13
336602	2.78	0.011	11
336603	1.59	0.008	8
336604	1.46	0.021	21
336605	0.05	0.006	6
336606	2.14	0.008	8
336607	3.13	0.007	7
336608	3.03	0.010	10
336609	2.12	0.006	6
336610	2.42	0.007	7
336611	3.33	0.140	140
336612	1.24	0.005	5
336613	2.23	<0.005	<5
336614	1.01	<0.005	<5
336615	1.05	<0.005	<5
336616	3.28	<0.005	<5
336617	3.71	<0.005	<5
336618	3.06	0.014	14
336619	3.15	<0.005	<5
336620	0.95	0.013	13
336621	0.84	<0.005	<5
336622	1.25	0.005	5
336623	0.57	<0.005	<5
336624	0.47	0.019	19
336625	2.04	<0.005	<5
336626	1.45	<0.005	<5
336627	1.17	0.007	7
*Dup 336627	N.A.	<0.005	<5
336628	0.73	<0.005	<5
336629	2.22	<0.005	<5

Final : RL2000197 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033729

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336630	1.35	<0.005	<5
336631	1.41	<0.005	<5
336632	1.77	0.006	6
336633	3.29	0.007	7
336634	3.10	<0.005	<5
336635	2.80	<0.005	<5
336636	2.70	<0.005	<5
336637	3.40	<0.005	<5
336638	0.72	0.007	7
336639	2.07	<0.005	<5
336640	2.00	0.005	5
336641	3.04	<0.005	<5
336642	2.67	<0.005	<5
336643	3.16	<0.005	<5
336644	3.04	<0.005	<5
336645	0.29	0.005	5
336646	1.54	0.007	7
336647	1.03	<0.005	<5
336648	2.23	<0.005	<5
336649	1.91	<0.005	<5
336650	0.81	<0.005	<5
336651	2.76	0.007	7
336652	2.76	0.008	8
336653	3.23	<0.005	<5
336654	3.49	<0.005	<5
336655	3.10	0.006	6
336656	1.92	<0.005	<5
336657	1.18	<0.005	<5
336658	1.40	<0.005	<5
336659	3.04	<0.005	<5
336660	3.41	0.009	9
336661	3.03	<0.005	<5
336662	3.09	<0.005	<5
336663	3.04	<0.005	<5
336664	0.05	0.580	580
*Dup 336664	N.A.	N.A.	N.A.
336665	2.94	0.007	7
*Rep 336603		0.008	8
*Rep 336653		<0.005	<5

Certificate of Analysis
Work Order : RL2000198
[Report File No.: 0000033718]

Date: February 09, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200207 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Feb 7, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000198 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033718

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336666	3.10	<0.005	<5
336667	2.08	<0.005	<5
336668	2.90	<0.005	<5
336669	1.86	<0.005	<5
336670	2.15	<0.005	<5
336671	1.18	<0.005	<5
336672	2.01	<0.005	<5
336673	1.98	<0.005	<5
336674	3.03	<0.005	<5
336675	3.25	<0.005	<5
336676	2.92	0.008	8
336677	3.23	<0.005	<5
336678	2.96	<0.005	<5
336679	3.23	<0.005	<5
336680	1.76	<0.005	<5
336681	1.85	<0.005	<5
336682	3.18	<0.005	<5
336683	1.14	<0.005	<5
336684	1.12	<0.005	<5
336685	2.00	0.008	8
336686	2.75	<0.005	<5
336687	3.34	<0.005	<5
336688	2.47	<0.005	<5
336689	2.01	<0.005	<5
336690	3.04	<0.005	<5
336691	3.25	<0.005	<5
336692	2.94	<0.005	<5
336693	3.75	0.012	12
336694	1.34	0.019	19
336695	3.11	<0.005	<5
336696	2.54	<0.005	<5
336697	1.85	<0.005	<5
336698	3.16	<0.005	<5
336699	3.17	<0.005	<5
336700	3.25	<0.005	<5
336701	3.27	<0.005	<5
336702	3.09	<0.005	<5
*Dup 336702	N.A.	<0.005	<5
336703	2.90	<0.005	<5
336704	0.28	<0.005	<5

Final : RL2000198 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033718

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336705	1.81	<0.005	<5
336706	2.11	<0.005	<5
336707	2.95	<0.005	<5
336708	2.91	<0.005	<5
336709	3.15	<0.005	<5
336710	2.19	<0.005	<5
336711	2.46	<0.005	<5
336712	2.97	<0.005	<5
336713	2.97	<0.005	<5
336714	3.64	<0.005	<5
336715	1.90	<0.005	<5
336716	3.41	<0.005	<5
336717	3.16	<0.005	<5
336718	3.17	<0.005	<5
336719	2.89	0.010	10
336720	2.90	<0.005	<5
336721	2.98	<0.005	<5
336722	2.94	<0.005	<5
336723	2.48	<0.005	<5
336724	1.35	<0.005	<5
336725	0.05	2.214	2214
336726	3.06	<0.005	<5
336727	3.36	<0.005	<5
336728	3.17	<0.005	<5
336729	2.80	<0.005	<5
336730	2.94	<0.005	<5
336731	2.97	<0.005	<5
336732	3.11	<0.005	<5
336733	1.81	<0.005	<5
336734	3.06	<0.005	<5
336735	3.37	<0.005	<5
336736	3.15	0.015	15
336737	3.21	<0.005	<5
336738	3.07	<0.005	<5
336739	1.79	<0.005	<5
*Dup 336739	N.A.	<0.005	<5
336740	3.46	<0.005	<5
*Rep 336667		<0.005	<5
*Rep 336713		<0.005	<5

Certificate of Analysis
Work Order : RL2000199
[Report File No.: 0000033717]

Date: February 09, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200207 Red Lake
Project No.: RED LAKE
Samples: 30
Received: Feb 7, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
30	G_WGH79	Sample Weight & Reporting of weights
30	GE_FAA313	@Au, FAS, AAS, 30g-5ml
30	G_LOG02	Pre-preparation processing, sorting, logging, boxing
30	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000199 Order: Pacton Gold 20200207 Red Lake

Report File No.: 0000033717

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336741	3.25	<0.005	<5
336742	3.17	<0.005	<5
336743	3.30	<0.005	<5
336744	1.43	<0.005	<5
336745	1.50	<0.005	<5
336746	3.56	<0.005	<5
336747	2.62	<0.005	<5
336748	1.46	<0.005	<5
336749	1.45	<0.005	<5
336750	3.44	0.010	10
336751	3.18	<0.005	<5
336752	3.04	<0.005	<5
336753	1.60	<0.005	<5
336754	1.20	<0.005	<5
336755	2.78	<0.005	<5
336756	2.41	<0.005	<5
336757	1.97	<0.005	<5
336758	1.28	<0.005	<5
336759	2.45	<0.005	<5
336760	2.38	<0.005	<5
336761	3.29	0.035	35
336762	1.96	<0.005	<5
336763	1.55	<0.005	<5
336764	2.18	<0.005	<5
336765	0.31	<0.005	<5
336766	3.25	0.006	6
336767	3.04	0.015	15
336768	3.05	<0.005	<5
336769	2.13	<0.005	<5
336770	2.25	<0.005	<5
*Rep 336748		<0.005	<5

Certificate of Analysis
Work Order : RL2000210
[Report File No.: 0000033733]

Date: February 11, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200210 Red Lake Gold Proje
Project No.: RED LAKE
Samples: 75
Received: Feb 10, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000210 Order: Pacton Gold 20200210 Red Lake Gold Proje

Report File No.: 0000033733

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336771	3.43	0.015	15
336772	3.65	0.006	6
336773	1.41	<0.005	<5
336774	3.36	<0.005	<5
336775	2.22	0.006	6
336776	1.95	<0.005	<5
336777	3.32	<0.005	<5
336778	3.38	0.007	7
336779	3.20	0.006	6
336780	3.22	<0.005	<5
336781	1.04	<0.005	<5
336782	1.25	0.007	7
336783	3.38	0.008	8
336784	2.61	0.017	17
336785	0.06	5.021	5021
336786	2.28	0.011	11
336787	2.33	0.006	6
336788	1.85	0.011	11
336789	2.66	0.011	11
336790	1.48	<0.005	<5
336791	1.94	0.005	5
336792	3.46	<0.005	<5
336793	3.23	<0.005	<5
336794	3.60	0.013	13
336795	2.36	0.008	8
336796	1.11	<0.005	<5
336797	3.07	0.009	9
336798	1.41	0.007	7
336799	3.38	<0.005	<5
336800	3.43	<0.005	<5
336801	3.84	<0.005	<5
336802	2.32	<0.005	<5
336803	2.31	0.007	7
336804	1.44	<0.005	<5
336805	1.84	<0.005	<5
336806	2.04	<0.005	<5
336807	2.24	<0.005	<5
*Dup 336807	N.A.	<0.005	<5
336808	3.20	<0.005	<5
336809	3.20	<0.005	<5

Final : RL2000210 Order: Pacton Gold 20200210 Red Lake Gold Proje

Report File No.: 0000033733

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336810	3.61	<0.005	<5
336811	3.15	0.006	6
336812	2.73	0.014	14
336813	2.39	0.007	7
336814	3.16	0.016	16
336815	3.36	0.038	38
336816	2.31	0.012	12
336817	1.91	<0.005	<5
336818	2.08	<0.005	<5
336819	2.48	0.006	6
336820	2.41	<0.005	<5
336821	2.56	<0.005	<5
336822	1.70	<0.005	<5
336823	2.23	<0.005	<5
336824	1.71	<0.005	<5
336825	0.33	<0.005	<5
336826	2.07	<0.005	<5
336827	1.98	0.047	47
336828	2.08	<0.005	<5
336829	2.42	<0.005	<5
336830	2.36	0.016	16
336831	1.55	0.006	6
336832	2.45	<0.005	<5
336833	2.65	<0.005	<5
336834	0.80	0.063	63
336835	2.04	0.025	25
336836	1.85	<0.005	<5
336837	1.23	<0.005	<5
336838	2.20	0.023	23
336839	2.00	<0.005	<5
336840	1.30	<0.005	<5
336841	1.96	<0.005	<5
336842	2.32	0.006	6
336843	1.51	<0.005	<5
336844	2.29	<0.005	<5
*Dup 336844	N.A.	<0.005	<5
336845	0.06	5.037	5037

Certificate of Analysis
Work Order : RL2000211
[Report File No.: 0000033739]

Date: February 12, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200210 Red Lake Gold Proje
Project No.: RED LAKE
Samples: 43
Received: Feb 10, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
43	G_WGH79	Sample Weight & Reporting of weights
43	GE_FAA313	@Au, FAS, AAS, 30g-5ml
43	G_LOG02	Pre-preparation processing, sorting, logging, boxing
43	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000211 Order: Pacton Gold 20200210 Red Lake Gold Proje

Report File No.: 0000033739

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336846	2.27	<0.005	<5
336847	0.98	0.006	6
336848	1.98	<0.005	<5
336849	2.22	<0.005	<5
336850	2.72	<0.005	<5
336851	2.24	<0.005	<5
336852	3.17	<0.005	<5
336853	2.26	<0.005	<5
336854	2.28	<0.005	<5
336855	2.08	<0.005	<5
336856	1.34	0.008	8
336857	2.21	<0.005	<5
336858	2.20	<0.005	<5
336859	2.31	0.005	5
336860	1.97	0.006	6
336861	2.31	<0.005	<5
336862	1.11	0.007	7
336863	2.23	<0.005	<5
336864	2.41	0.006	6
336865	1.06	0.015	15
336866	1.23	<0.005	<5
336867	1.22	<0.005	<5
336868	4.03	0.006	6
336869	3.71	0.009	9
336870	3.21	0.005	5
336871	3.37	0.005	5
336872	2.95	<0.005	<5
336873	3.44	<0.005	<5
336874	2.88	<0.005	<5
336875	3.50	<0.005	<5
336876	3.63	<0.005	<5
336877	3.26	<0.005	<5
336878	2.53	<0.005	<5
336879	1.15	<0.005	<5
336880	2.45	<0.005	<5
336881	2.99	<0.005	<5
336882	1.20	<0.005	<5
*Dup 336882	N.A.	0.009	9
336883	2.72	0.010	10
336884	3.78	0.009	9

Final : RL2000211 Order: Pacton Gold 20200210 Red Lake Gold Proje

Report File No.: 0000033739

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336885	0.41	<0.005	<5
336886	3.82	<0.005	<5
336887	2.85	0.005	5
336888	3.17	<0.005	<5

Certificate of Analysis
Work Order : RL2000212
[Report File No.: 0000033734]

Date: February 11, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200210 Red Lake Gold Proje
Project No.: RED LAKE
Samples: 42
Received: Feb 10, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
42	G_WGH79	Sample Weight & Reporting of weights
42	GE_FAA313	@Au, FAS, AAS, 30g-5ml
42	G_LOG02	Pre-preparation processing, sorting, logging, boxing
42	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000212 Order: Pacton Gold 20200210 Red Lake Gold Proje

Report File No.: 0000033734

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336889	3.74	<0.005	<5
336890	3.84	<0.005	<5
336891	3.65	0.006	6
336892	1.14	0.010	10
336893	3.40	<0.005	<5
336894	1.13	0.012	12
336895	3.71	<0.005	<5
336896	3.36	<0.005	<5
336897	3.41	<0.005	<5
336898	2.49	0.007	7
336899	1.29	0.007	7
336900	1.85	<0.005	<5
336901	3.47	<0.005	<5
336902	3.74	<0.005	<5
336903	3.24	0.014	14
336904	2.80	<0.005	<5
336905	0.06	<0.005	<5
336906	2.29	<0.005	<5
336907	3.38	<0.005	<5
336908	2.46	<0.005	<5
336909	2.34	<0.005	<5
336910	1.12	<0.005	<5
336911	2.32	<0.005	<5
336912	2.54	<0.005	<5
336913	2.27	<0.005	<5
336914	3.44	<0.005	<5
336915	3.53	0.050	50
336916	1.79	<0.005	<5
336917	2.73	<0.005	<5
336918	1.99	<0.005	<5
336919	2.14	<0.005	<5
336920	2.34	<0.005	<5
336921	2.10	<0.005	<5
336922	2.10	<0.005	<5
336923	2.02	0.005	5
336924	2.27	<0.005	<5
336925	1.30	<0.005	<5
*Dup 336925	N.A.	<0.005	<5
336926	1.08	0.006	6
336927	2.09	0.007	7

Final : RL2000212 Order: Pacton Gold 20200210 Red Lake Gold Proje

Report File No.: 0000033734

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336928	2.18	<0.005	<5
336929	1.08	0.011	11
336930	2.21	<0.005	<5

Certificate of Analysis
Work Order : RL2000280
[Report File No.: 0000033796]

Date: February 21, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200220 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Feb 20, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000280 Order: Pacton Gold 20200220 Red Lake

Report File No.: 0000033796

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336931	1.96	<0.005	<5
336932	2.53	<0.005	<5
336933	2.39	<0.005	<5
336934	3.26	<0.005	<5
336935	3.15	<0.005	<5
336936	2.72	<0.005	<5
336937	3.04	0.008	8
336938	2.93	<0.005	<5
336939	1.57	<0.005	<5
336940	1.43	<0.005	<5
336941	0.86	<0.005	<5
336942	4.19	<0.005	<5
336943	3.16	<0.005	<5
336944	2.85	<0.005	<5
336945	3.09	<0.005	<5
336946	3.16	<0.005	<5
336947	2.58	<0.005	<5
336948	1.43	<0.005	<5
336949	2.68	<0.005	<5
336950	2.67	<0.005	<5
336951	0.20	<0.005	<5
336952	3.12	<0.005	<5
336953	1.69	<0.005	<5
336954	3.54	0.040	40
336955	3.23	<0.005	<5
336956	2.51	<0.005	<5
336957	2.39	<0.005	<5
336958	3.04	<0.005	<5
336959	3.50	<0.005	<5
336960	3.49	<0.005	<5
336961	3.65	<0.005	<5
336962	1.88	<0.005	<5
336963	2.25	<0.005	<5
336964	2.60	0.006	6
336965	2.31	0.007	7
336966	2.82	<0.005	<5
336967	2.06	<0.005	<5
*Dup 336967	N.A.	0.007	7
336968	2.57	<0.005	<5
336969	3.47	<0.005	<5

Final : RL2000280 Order: Pacton Gold 20200220 Red Lake

Report File No.: 0000033796

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
336970	3.33	<0.005	<5
336971	0.06	0.563	563
336972	3.62	<0.005	<5
336973	2.86	<0.005	<5
336974	3.67	<0.005	<5
336975	3.27	<0.005	<5
336976	3.35	<0.005	<5
336977	2.06	<0.005	<5
336978	3.59	0.012	12
336979	2.79	<0.005	<5
336980	3.44	<0.005	<5
336981	3.43	0.008	8
336982	2.01	<0.005	<5
336983	1.90	<0.005	<5
336984	2.17	<0.005	<5
336985	2.10	<0.005	<5
336986	1.49	<0.005	<5
336987	2.22	0.029	29
336988	3.36	<0.005	<5
336989	3.30	<0.005	<5
336990	1.34	<0.005	<5
336991	1.38	<0.005	<5
336992	2.00	0.008	8
336993	2.04	<0.005	<5
336994	2.20	<0.005	<5
336995	2.97	<0.005	<5
336996	2.28	<0.005	<5
336997	2.20	<0.005	<5
336998	1.27	<0.005	<5
336999	2.34	<0.005	<5
337000	3.20	<0.005	<5
337001	2.99	<0.005	<5
337002	1.41	<0.005	<5
337003	3.05	<0.005	<5
337004	2.01	<0.005	<5
*Dup 337004	N.A.	<0.005	<5
337005	1.54	<0.005	<5
*Rep 336935		<0.005	<5
*Rep 336988		<0.005	<5

Certificate of Analysis
Work Order : RL2000281
[Report File No.: 0000033802]

Date: February 22, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200220 Red Lake
Project No.: RED LAKE
Samples: 30
Received: Feb 20, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
30	G_WGH79	Sample Weight & Reporting of weights
30	GE_FAA313	@Au, FAS, AAS, 30g-5ml
30	G_LOG02	Pre-preparation processing, sorting, logging, boxing
30	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000281 Order: Pacton Gold 20200220 Red Lake

Report File No.: 0000033802

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337006	3.33	<0.005	<5
337007	3.20	<0.005	<5
337008	2.32	<0.005	<5
337009	1.76	<0.005	<5
337010	0.21	<0.005	<5
337011	1.66	<0.005	<5
337012	1.38	<0.005	<5
337013	2.30	<0.005	<5
337014	1.95	<0.005	<5
337015	3.45	<0.005	<5
337016	3.07	<0.005	<5
337017	3.32	<0.005	<5
337018	0.73	<0.005	<5
337019	3.49	<0.005	<5
337020	3.61	<0.005	<5
337021	2.60	<0.005	<5
337022	2.69	<0.005	<5
337023	2.75	<0.005	<5
337024	2.73	<0.005	<5
337025	2.23	<0.005	<5
337026	2.97	<0.005	<5
337027	3.10	<0.005	<5
337028	1.44	<0.005	<5
337029	1.29	0.007	7
337030	3.35	<0.005	<5
337031	0.06	2.134	2134
337032	3.20	0.011	11
337033	4.11	<0.005	<5
337034	2.70	<0.005	<5
337035	3.28	<0.005	<5
*Rep 337011		<0.005	<5

Certificate of Analysis
Work Order : RL2000305
[Report File No.: 0000033811]

Date: February 24, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200223 Red Lake
Project No.: RED LAKE
Samples: 29
Received: Feb 23, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
29	G_WGH79	Sample Weight & Reporting of weights
29	GE_FAA313	@Au, FAS, AAS, 30g-5ml
29	G_LOG02	Pre-preparation processing, sorting, logging, boxing
29	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000305 Order: Pacton Gold 20200223 Red Lake

Report File No.: 0000033811

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337084	3.32	<0.005	<5
337085	3.35	<0.005	<5
337086	2.16	<0.005	<5
337087	2.09	<0.005	<5
337088	3.45	<0.005	<5
337089	2.31	<0.005	<5
337090	1.36	<0.005	<5
337091	0.05	5.036	5036
337092	2.79	<0.005	<5
337093	2.68	0.007	7
337094	2.44	0.005	5
337095	2.24	<0.005	<5
337096	1.73	0.007	7
337097	2.24	<0.005	<5
337098	2.09	<0.005	<5
337099	2.45	<0.005	<5
337100	2.41	<0.005	<5
337101	1.79	0.007	7
337102	2.77	<0.005	<5
337103	1.59	<0.005	<5
337104	2.09	<0.005	<5
337105	1.74	0.006	6
337106	2.01	<0.005	<5
337107	2.42	<0.005	<5
337108	2.33	<0.005	<5
337109	2.57	<0.005	<5
337110	1.13	<0.005	<5
337111	0.85	<0.005	<5
337112	2.17	<0.005	<5

Certificate of Analysis
Work Order : RL2000310
[Report File No.: 0000033820]

Date: February 25, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200224 Red Lake
Project No.: RED LAKE
Samples: 48
Received: Feb 24, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
48	G_WGH79	Sample Weight & Reporting of weights
48	GE_FAA313	@Au, FAS, AAS, 30g-5ml
48	G_LOG02	Pre-preparation processing, sorting, logging, boxing
48	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000310 Order: Pacton Gold 20200224 Red Lake

Report File No.: 0000033820

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337036	3.17	0.008	8
337037	3.24	<0.005	<5
337038	3.48	0.005	5
337039	3.33	<0.005	<5
337040	3.07	<0.005	<5
337041	2.53	<0.005	<5
337042	1.72	<0.005	<5
337043	2.63	<0.005	<5
337044	3.49	<0.005	<5
337045	1.23	<0.005	<5
337046	3.21	<0.005	<5
337047	2.18	<0.005	<5
337048	2.52	<0.005	<5
337049	0.81	0.006	6
337050	0.86	<0.005	<5
337051	2.29	<0.005	<5
337052	1.86	<0.005	<5
337053	2.88	<0.005	<5
337054	1.94	<0.005	<5
337055	2.92	<0.005	<5
337056	3.54	0.068	68
337057	1.83	0.008	8
337058	1.41	0.005	5
337059	3.53	<0.005	<5
337060	1.39	0.014	14
337061	2.94	0.006	6
337062	2.61	<0.005	<5
337063	3.63	<0.005	<5
337064	3.75	<0.005	<5
337065	2.97	0.037	37
337066	2.42	0.009	9
337067	1.85	<0.005	<5
337068	1.11	<0.005	<5
337069	0.35	<0.005	<5
337070	1.00	<0.005	<5
337071	1.55	0.005	5
337072	2.30	<0.005	<5
*Dup 337072	N.A.	<0.005	<5
337073	2.67	<0.005	<5
337074	2.65	<0.005	<5

Final : RL2000310 Order: Pacton Gold 20200224 Red Lake

Report File No.: 0000033820

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337075	3.33	<0.005	<5
337076	3.78	<0.005	<5
337077	3.36	<0.005	<5
337078	3.35	<0.005	<5
337079	3.38	<0.005	<5
337080	2.98	0.005	5
337081	3.28	0.005	5
337082	3.51	<0.005	<5
337083	3.57	<0.005	<5
*Rep 337048		<0.005	<5
*Rep 337067		<0.005	<5

Certificate of Analysis
Work Order : RL2000320
[Report File No.: 0000033841]

Date: February 27, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200224 Red Lake
Project No.: RED LAKE
Samples: 41
Received: Feb 24, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
41	G_WGH79	Sample Weight & Reporting of weights
41	GE_FAA313	@Au, FAS, AAS, 30g-5ml
41	G_LOG02	Pre-preparation processing, sorting, logging, boxing
41	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000320 Order: Pacton Gold 20200224 Red Lake

Report File No.: 0000033841

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337113	2.07	<0.005	<5
337114	2.07	<0.005	<5
337115	3.24	<0.005	<5
337116	3.46	<0.005	<5
337117	1.75	<0.005	<5
337118	2.11	<0.005	<5
337119	3.13	<0.005	<5
337120	2.99	<0.005	<5
337121	2.47	0.010	10
337122	1.01	<0.005	<5
337123	3.19	<0.005	<5
337124	3.64	<0.005	<5
337125	3.36	<0.005	<5
337126	3.19	<0.005	<5
337127	2.51	<0.005	<5
337128	2.75	<0.005	<5
337129	3.53	0.022	22
337130	0.31	<0.005	<5
337131	4.09	<0.005	<5
337132	2.71	<0.005	<5
337133	2.68	<0.005	<5
337134	2.58	<0.005	<5
337135	2.82	<0.005	<5
337136	3.11	<0.005	<5
337137	2.08	<0.005	<5
337138	3.64	<0.005	<5
337139	3.21	<0.005	<5
337140	3.45	<0.005	<5
337141	2.33	<0.005	<5
337142	2.30	<0.005	<5
337143	0.92	<0.005	<5
337144	2.70	<0.005	<5
337145	2.48	<0.005	<5
337146	1.69	0.005	5
337147	2.78	0.021	21
337148	2.80	<0.005	<5
337149	3.38	<0.005	<5
*Dup 337149	N.A.	<0.005	<5
337150	0.06	0.512	512
337151	3.58	<0.005	<5

Final : RL2000320 Order: Pacton Gold 20200224 Red Lake

Report File No.: 0000033841

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337152	3.59	<0.005	<5
337153	3.24	<0.005	<5
*Rep 337113		<0.005	<5

Certificate of Analysis
Work Order : RL2000345
[Report File No.: 0000033859]

Date: February 29, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20190530 Red Lake
Project No.: RED LAKE
Samples: 25
Received: Feb 28, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
25	G_WGH79	Sample Weight & Reporting of weights
25	GE_FAA313	@Au, FAS, AAS, 30g-5ml
25	G_LOG02	Pre-preparation processing, sorting, logging, boxing
25	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000345 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000033859

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337154	3.55	<0.005	<5
337155	3.22	<0.005	<5
337156	2.57	<0.005	<5
337157	3.48	<0.005	<5
337158	3.72	0.006	6
337159	2.50	<0.005	<5
337160	1.75	0.006	6
337161	2.82	<0.005	<5
337162	2.12	0.006	6
337163	2.17	0.011	11
337164	3.64	0.008	8
337165	3.60	<0.005	<5
337166	3.20	<0.005	<5
337167	1.64	<0.005	<5
337168	2.15	0.007	7
337169	1.11	0.019	19
337170	1.19	<0.005	<5
337171	2.29	<0.005	<5
337172	3.44	<0.005	<5
337173	2.96	0.015	15
337174	3.62	<0.005	<5
337175	2.63	<0.005	<5
337176	1.71	0.027	27
337177	2.81	<0.005	<5
337178	1.41	<0.005	<5
*Rep 337159		<0.005	<5

Certificate of Analysis
Work Order : RL2000354
[Report File No.: 0000033860]

Date: March 01, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 2020-02-28 Red Lake
Project No.: RED LAKE
Samples: 34
Received: Feb 29, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
34	G_WGH79	Sample Weight & Reporting of weights
34	GE_FAA313	@Au, FAS, AAS, 30g-5ml
34	G_LOG02	Pre-preparation processing, sorting, logging, boxing
34	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000354 Order: Pacton Gold 2020-02-28 Red Lake

Report File No.: 0000033860

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337179	3.66	0.006	6
337180	3.39	0.006	6
337181	2.83	<0.005	<5
337182	3.41	0.007	7
337183	2.14	0.006	6
337184	2.80	0.006	6
337185	1.86	0.005	5
337186	3.51	0.016	16
337187	2.79	<0.005	<5
337188	2.64	0.008	8
337189	1.86	0.013	13
337190	1.81	0.011	11
337191	0.26	<0.005	<5
337192	2.93	<0.005	<5
337193	1.47	0.016	16
337194	1.53	0.007	7
337195	1.98	0.011	11
337196	2.20	0.008	8
337197	3.64	0.007	7
337198	2.12	0.013	13
337199	2.71	0.012	12
337200	3.02	0.020	20
337201	3.10	0.015	15
337202	2.14	0.007	7
337203	3.10	0.008	8
337204	3.32	0.012	12
337205	2.87	0.007	7
337206	3.54	0.011	11
337207	3.04	0.008	8
337208	3.77	0.021	21
337209	3.54	0.008	8
337210	0.05	2.221	2221
337211	3.99	<0.005	<5
337212	5.51	0.026	26
*Rep 337192		<0.005	<5

Certificate of Analysis
Work Order : RL2000395
[Report File No.: 0000033970]

Date: March 11, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200306 Red Lake Gold Proje
Project No.: RED LAKE
Samples: 88
Received: Mar 6, 2020
Pages: Page 1 to 4
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
88	G_LOG02	Pre-preparation processing, sorting, logging, boxing
88	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
88	G_WGH79	Sample Weight & Reporting of weights
88	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000395 Order: Pacton Gold 20200306 Red Lake Gold Proje

Report File No.: 0000033970

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337213	4.57	<0.005	<5
337214	1.87	0.006	6
337215	2.21	<0.005	<5
337216	3.20	0.007	7
337217	2.68	<0.005	<5
337218	3.00	<0.005	<5
337219	3.23	<0.005	<5
337220	3.40	<0.005	<5
337221	2.59	<0.005	<5
337222	3.30	<0.005	<5
337223	2.23	<0.005	<5
337224	2.69	<0.005	<5
337225	2.65	0.012	12
337226	2.92	0.010	10
337227	2.93	<0.005	<5
337228	3.03	0.011	11
337229	1.77	<0.005	<5
337230	1.67	<0.005	<5
337231	2.83	<0.005	<5
337232	1.93	<0.005	<5
337233	2.61	0.006	6
337234	3.47	<0.005	<5
337235	3.31	<0.005	<5
337236	2.67	<0.005	<5
337237	1.54	<0.005	<5
337238	3.02	<0.005	<5
337239	3.19	<0.005	<5
337240	3.13	0.005	5
337241	2.96	<0.005	<5
337242	3.25	0.013	13
337243	2.16	<0.005	<5
337244	2.33	<0.005	<5
337245	0.99	0.009	9
337246	2.01	<0.005	<5
337247	2.27	0.005	5
337248	1.99	0.007	7
337249	2.68	<0.005	<5
*Dup 337249	N.A.	0.009	9
337250	0.44	<0.005	<5
337251	2.55	<0.005	<5

Final : RL2000395 Order: Pacton Gold 20200306 Red Lake Gold Proje

Report File No.: 0000033970

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337252	1.89	<0.005	<5
337253	2.51	0.006	6
337254	1.01	<0.005	<5
337255	3.19	<0.005	<5
337256	2.33	0.016	16
337257	2.63	<0.005	<5
337258	3.16	<0.005	<5
337259	3.33	<0.005	<5
337260	3.30	<0.005	<5
337261	3.23	0.009	9
337262	2.80	<0.005	<5
337263	2.75	<0.005	<5
337264	1.68	0.005	5
337265	2.26	0.007	7
337266	3.23	<0.005	<5
337267	2.14	<0.005	<5
337268	3.07	0.011	11
337269	2.61	0.008	8
337270	0.07	4.955	4955
337271	1.84	0.029	29
337272	1.71	0.008	8
337273	2.69	<0.005	<5
337274	2.29	<0.005	<5
337275	3.08	<0.005	<5
337276	1.96	<0.005	<5
337277	2.11	<0.005	<5
337278	3.14	<0.005	<5
337279	2.05	<0.005	<5
337280	2.30	<0.005	<5
337281	2.16	<0.005	<5
337282	2.80	0.012	12
337283	2.96	<0.005	<5
337284	0.98	<0.005	<5
337285	3.21	<0.005	<5
337286	2.71	<0.005	<5
*Dup 337286	N.A.	<0.005	<5
337287	1.64	<0.005	<5
337288	2.45	<0.005	<5
337289	1.64	<0.005	<5
337290	1.40	<0.005	<5

Final : RL2000395 Order: Pacton Gold 20200306 Red Lake Gold Proje

Report File No.: 0000033970

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337291	1.47	<0.005	<5
337292	3.02	<0.005	<5
337293	2.25	<0.005	<5
337294	1.11	<0.005	<5
337295	2.39	0.007	7
337296	1.02	<0.005	<5
337297	1.92	<0.005	<5
337298	2.90	<0.005	<5
337299	1.55	<0.005	<5
337300	1.71	0.007	7
*Rep 337221		<0.005	<5
*Rep 337285		<0.005	<5
*Rep 337292		0.006	6

Certificate of Analysis
Work Order : RL2000450
[Report File No.: 0000034076]

Date: March 19, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200314 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Mar 14, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000450 Order: Pacton Gold 20200314 Red Lake

Report File No.: 0000034076

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337301	2.14	0.006	6
337302	2.34	0.015	15
337303	2.34	<0.005	<5
337304	3.82	<0.005	<5
337305	2.08	0.008	8
337306	3.41	<0.005	<5
337307	3.49	<0.005	<5
337308	2.09	<0.005	<5
337309	3.11	0.016	16
337310	3.47	<0.005	<5
337311	3.25	<0.005	<5
337312	3.40	<0.005	<5
337313	3.36	<0.005	<5
337314	3.01	<0.005	<5
337315	3.40	<0.005	<5
337316	3.18	<0.005	<5
337317	3.08	<0.005	<5
337318	3.38	<0.005	<5
337319	2.31	0.005	5
337320	0.34	0.005	5
337321	2.02	0.020	20
337322	2.28	0.008	8
337323	3.05	<0.005	<5
337324	3.29	<0.005	<5
337325	3.26	<0.005	<5
337326	2.13	<0.005	<5
337327	2.39	<0.005	<5
337328	2.99	<0.005	<5
337329	3.14	<0.005	<5
337330	3.22	<0.005	<5
337331	3.12	<0.005	<5
337332	3.29	0.006	6
337333	2.90	<0.005	<5
337334	1.94	<0.005	<5
337335	2.13	<0.005	<5
337336	2.98	<0.005	<5
337337	3.33	<0.005	<5
*Dup 337337	N.A.	<0.005	<5
337338	3.16	<0.005	<5
337339	1.29	<0.005	<5

Final : RL2000450 Order: Pacton Gold 20200314 Red Lake

Report File No.: 0000034076

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337340	1.49	<0.005	<5
337341	2.86	0.012	12
337342	3.06	<0.005	<5
337343	2.96	<0.005	<5
337344	3.44	<0.005	<5
337345	3.18	<0.005	<5
337346	3.25	0.010	10
337347	1.72	<0.005	<5
337348	3.32	<0.005	<5
337349	2.56	<0.005	<5
337350	2.97	<0.005	<5
337351	3.11	<0.005	<5
337352	3.27	<0.005	<5
337353	3.26	<0.005	<5
337354	3.13	<0.005	<5
337355	2.97	<0.005	<5
337356	3.13	<0.005	<5
337357	3.17	<0.005	<5
337358	3.37	<0.005	<5
337359	3.23	<0.005	<5
337360	0.05	<0.005	<5
337361	3.23	0.011	11
337362	2.93	0.006	6
337363	3.05	<0.005	<5
337364	3.06	<0.005	<5
337365	3.00	<0.005	<5
337366	3.21	<0.005	<5
337367	2.02	0.006	6
337368	2.84	0.007	7
337369	2.74	0.005	5
337370	1.62	<0.005	<5
337371	1.78	<0.005	<5
337372	2.83	0.006	6
337373	2.49	<0.005	<5
337374	3.09	<0.005	<5
*Dup 337374	N.A.	<0.005	<5
337375	2.58	<0.005	<5
*Rep 337337		<0.005	<5
*Rep 337348		<0.005	<5

Certificate of Analysis
Work Order : RL2000451
[Report File No.: 0000034077]

Date: March 19, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200314 Red Lake
Project No.: RED LAKE
Samples: 35
Received: Mar 14, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
35	G_LOG02	Pre-preparation processing, sorting, logging, boxing
35	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
35	G_WGH79	Sample Weight & Reporting of weights
35	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000451 Order: Pacton Gold 20200314 Red Lake

Report File No.: 0000034077

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337376	3.20	<0.005	<5
337377	2.82	<0.005	<5
337378	3.32	0.007	7
337379	2.78	<0.005	<5
337380	0.47	<0.005	<5
337381	3.10	0.029	29
337382	3.08	<0.005	<5
337383	3.44	0.011	11
337384	3.59	<0.005	<5
337385	3.30	<0.005	<5
337386	3.07	<0.005	<5
337387	3.28	0.218	218
337388	3.19	0.008	8
337389	3.27	0.006	6
337390	3.45	0.011	11
337391	2.92	<0.005	<5
337392	3.10	0.010	10
337393	3.06	0.012	12
337394	2.84	0.011	11
337395	3.09	<0.005	<5
337396	3.22	<0.005	<5
337397	3.26	<0.005	<5
337398	3.13	0.014	14
337399	1.65	<0.005	<5
337400	1.63	<0.005	<5
337401	3.60	<0.005	<5
337402	3.25	<0.005	<5
337403	3.12	<0.005	<5
337404	3.40	<0.005	<5
337405	3.45	0.015	15
337406	3.17	0.005	5
337407	3.19	0.009	9
337408	3.03	<0.005	<5
337409	3.46	<0.005	<5
337410	3.17	0.007	7
*Rep 337382		<0.005	<5

Certificate of Analysis
Work Order : RL2000539
[Report File No.: 0000034154]

Date: March 26, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200323 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Mar 23, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000539 Order: Pacton Gold 20200323 Red Lake

Report File No.: 0000034154

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337412	3.08	<0.005	<5
337413	3.08	<0.005	<5
337414	3.13	<0.005	<5
337415	3.19	<0.005	<5
337416	3.15	<0.005	<5
337417	3.28	<0.005	<5
337418	3.01	<0.005	<5
337419	3.44	0.007	7
337420	3.15	<0.005	<5
337421	2.86	<0.005	<5
337422	3.10	<0.005	<5
337423	2.92	<0.005	<5
337424	3.27	<0.005	<5
337425	2.14	<0.005	<5
337426	2.58	<0.005	<5
337427	1.94	<0.005	<5
337428	1.86	<0.005	<5
337429	1.61	<0.005	<5
337430	1.98	<0.005	<5
337431	0.46	<0.005	<5
337432	2.83	<0.005	<5
337433	2.77	<0.005	<5
337434	2.60	<0.005	<5
337435	3.09	0.005	5
337436	3.31	<0.005	<5
337437	3.08	<0.005	<5
337438	3.26	<0.005	<5
337439	3.42	<0.005	<5
337440	2.52	<0.005	<5
337441	3.21	<0.005	<5
337442	3.27	<0.005	<5
337443	3.19	<0.005	<5
337444	3.16	<0.005	<5
337445	1.77	<0.005	<5
337446	1.21	<0.005	<5
337447	0.87	<0.005	<5
337448	1.02	<0.005	<5
*Dup 337448	N.A.	<0.005	<5
337449	1.18	<0.005	<5
337450	1.21	0.028	28

Final : RL2000539 Order: Pacton Gold 20200323 Red Lake

Report File No.: 0000034154

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337451	1.19	<0.005	<5
337452	3.05	<0.005	<5
337453	3.03	<0.005	<5
337454	3.14	<0.005	<5
337455	3.14	0.045	45
337456	3.22	<0.005	<5
337457	3.26	0.011	11
337458	2.99	<0.005	<5
337459	3.84	0.007	7
337460	3.23	0.037	37
337461	3.13	0.152	152
337462	3.18	0.051	51
337463	3.48	0.005	5
337464	3.49	<0.005	<5
337465	2.98	<0.005	<5
337466	3.25	<0.005	<5
337467	3.33	<0.005	<5
337468	2.91	<0.005	<5
337469	2.73	<0.005	<5
337470	3.26	<0.005	<5
337471	0.07	2.310	2310
337472	2.91	<0.005	<5
337473	2.96	<0.005	<5
337474	3.25	0.010	10
337475	3.47	<0.005	<5
337476	3.73	<0.005	<5
337477	3.52	<0.005	<5
337478	1.47	<0.005	<5
337479	1.89	<0.005	<5
337480	3.44	<0.005	<5
337481	2.90	<0.005	<5
337482	3.26	<0.005	<5
337483	2.97	<0.005	<5
337484	3.41	<0.005	<5
337485	3.22	<0.005	<5
*Dup 337485	N.A.	<0.005	<5
337486	3.38	0.107	107
*Rep 337447		<0.005	<5
*Rep 337461		0.167	167

Certificate of Analysis
Work Order : RL2000540
[Report File No.: 0000034170]

Date: March 27, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200323 Red Lake
Project No.: RED LAKE
Samples: 40
Received: Mar 23, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
40	G_LOG02	Pre-preparation processing, sorting, logging, boxing
40	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
40	G_WGH79	Sample Weight & Reporting of weights
40	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000540 Order: Pacton Gold 20200323 Red Lake

Report File No.: 0000034170

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337487	3.51	<0.005	<5
337488	3.47	<0.005	<5
337489	3.21	<0.005	<5
337490	3.02	<0.005	<5
337491	0.33	<0.005	<5
337492	3.19	0.007	7
337493	3.24	<0.005	<5
337494	3.35	0.013	13
337495	3.30	<0.005	<5
337496	2.81	<0.005	<5
337497	2.53	<0.005	<5
337498	2.30	<0.005	<5
337499	3.36	<0.005	<5
337500	3.83	<0.005	<5
337501	3.57	<0.005	<5
337502	3.09	<0.005	<5
337503	3.50	<0.005	<5
337504	2.98	<0.005	<5
337505	3.19	<0.005	<5
337506	3.49	<0.005	<5
337507	2.91	<0.005	<5
337508	2.84	0.011	11
337509	2.63	<0.005	<5
337510	1.09	0.009	9
337511	1.20	0.007	7
337512	3.88	<0.005	<5
337513	1.50	<0.005	<5
337514	3.29	0.007	7
337515	3.05	<0.005	<5
337516	3.33	0.006	6
337517	3.06	<0.005	<5
337518	3.24	<0.005	<5
337519	3.51	0.009	9
337520	3.38	<0.005	<5
337521	2.87	<0.005	<5
337522	3.32	<0.005	<5
337523	2.52	0.009	9
*Dup 337523	N.A.	0.008	8
337524	2.97	<0.005	<5
337525	3.52	<0.005	<5

Final : RL2000540 Order: Pacton Gold 20200323 Red Lake

Report File No.: 0000034170

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337526	3.30	<0.005	<5
*Rep 337502		<0.005	<5

Certificate of Analysis
Work Order : RL2000541
[Report File No.: 0000034171]

Date: March 27, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200323 Red Lake
Project No.: RED LAKE
Samples: 40
Received: Mar 23, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
40	G_LOG02	Pre-preparation processing, sorting, logging, boxing
40	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
40	G_WGH79	Sample Weight & Reporting of weights
40	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000541 Order: Pacton Gold 20200323 Red Lake

Report File No.: 0000034171

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337527	3.22	<0.005	<5
337528	4.23	<0.005	<5
337529	2.75	<0.005	<5
337530	2.19	<0.005	<5
337531	0.07	0.514	514
337532	2.21	<0.005	<5
337533	0.65	<0.005	<5
337534	0.90	<0.005	<5
337535	2.99	<0.005	<5
337536	3.26	<0.005	<5
337537	0.87	<0.005	<5
337538	2.71	<0.005	<5
337539	3.48	<0.005	<5
337540	3.32	<0.005	<5
337541	3.47	<0.005	<5
337542	1.64	<0.005	<5
337543	2.96	<0.005	<5
337544	1.89	<0.005	<5
337545	1.74	<0.005	<5
337546	3.28	<0.005	<5
337547	3.23	<0.005	<5
337548	3.36	<0.005	<5
337549	3.03	<0.005	<5
337550	3.10	<0.005	<5
337551	0.40	<0.005	<5
337552	3.54	<0.005	<5
337553	2.09	0.007	7
337554	0.86	<0.005	<5
337555	0.67	<0.005	<5
337556	2.20	<0.005	<5
337557	2.32	<0.005	<5
337558	2.36	0.007	7
337559	0.67	0.006	6
337560	1.17	0.014	14
337561	2.09	0.008	8
337562	2.06	0.007	7
337563	1.82	<0.005	<5
*Dup 337563	N.A.	<0.005	<5
337564	1.95	<0.005	<5
337565	2.37	<0.005	<5

Final : RL2000541 Order: Pacton Gold 20200323 Red Lake

Report File No.: 0000034171

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337566	3.01	<0.005	<5
*Rep 337540		<0.005	<5

Certificate of Analysis
Work Order : RL2000645
[Report File No.: 0000034346]

Date: April 13, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200410 Red Lake
Project No.: RED LAKE
Samples: 68
Received: Apr 10, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
68	G_LOG02	Pre-preparation processing, sorting, logging, boxing
68	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
68	G_WGH79	Sample Weight & Reporting of weights
68	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000645 Order: Pacton Gold 20200410 Red Lake

Report File No.: 0000034346

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337567	2.80	<0.005	<5
337568	1.74	<0.005	<5
337569	2.18	<0.005	<5
337570	1.24	<0.005	<5
337571	1.05	<0.005	<5
337572	2.58	<0.005	<5
337573	2.25	<0.005	<5
337574	2.39	<0.005	<5
337575	2.22	<0.005	<5
337576	2.34	<0.005	<5
337577	1.96	<0.005	<5
337578	2.98	<0.005	<5
337579	3.42	<0.005	<5
337580	3.69	<0.005	<5
337581	3.32	0.005	5
337582	2.65	<0.005	<5
337583	1.66	<0.005	<5
337584	2.90	<0.005	<5
337585	2.08	<0.005	<5
337586	3.09	<0.005	<5
337587	2.25	<0.005	<5
337588	3.68	<0.005	<5
337589	2.15	<0.005	<5
337590	0.06	2.180	2180
337591	2.41	<0.005	<5
337592	2.35	<0.005	<5
337593	1.76	<0.005	<5
337594	2.16	<0.005	<5
337595	1.96	<0.005	<5
337596	2.17	<0.005	<5
337597	2.18	<0.005	<5
337598	2.19	<0.005	<5
337599	2.27	<0.005	<5
337600	2.21	<0.005	<5
337601	2.50	<0.005	<5
337602	1.28	<0.005	<5
337603	2.24	<0.005	<5
*Dup 337603	N.A.	<0.005	<5
337604	2.19	<0.005	<5
337605	2.07	<0.005	<5

Final : RL2000645 Order: Pacton Gold 20200410 Red Lake

Report File No.: 0000034346

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337606	2.33	0.011	11
337607	1.89	0.007	7
337608	2.29	<0.005	<5
337609	2.37	<0.005	<5
337610	0.22	<0.005	<5
337611	1.73	<0.005	<5
337612	2.13	<0.005	<5
337613	1.84	<0.005	<5
337614	1.75	<0.005	<5
337615	2.79	<0.005	<5
337616	1.44	<0.005	<5
337617	2.60	0.008	8
337618	2.44	<0.005	<5
337619	2.22	<0.005	<5
337620	2.17	<0.005	<5
337621	2.29	<0.005	<5
337622	1.90	0.005	5
337623	2.39	<0.005	<5
337624	3.28	<0.005	<5
337625	3.23	<0.005	<5
337626	3.23	<0.005	<5
337627	2.30	<0.005	<5
337628	3.82	<0.005	<5
337629	1.43	<0.005	<5
337630	1.47	<0.005	<5
337631	3.18	<0.005	<5
337632	3.08	<0.005	<5
337633	1.53	<0.005	<5
337634	2.71	<0.005	<5
*Rep 337587		<0.005	<5
*Rep 337613		<0.005	<5

Certificate of Analysis
Work Order : RL2000667
[Report File No.: 0000034383]

Date: April 16, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200414 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Apr 14, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000667 Order: Pacton Gold 20200414 Red Lake

Report File No.: 0000034383

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337635	1.94	<0.005	<5
337636	2.24	<0.005	<5
337637	2.12	<0.005	<5
337638	2.29	0.006	6
337639	2.35	<0.005	<5
337640	2.23	<0.005	<5
337641	2.48	<0.005	<5
337642	2.53	<0.005	<5
337643	1.95	0.060	60
337644	2.75	0.015	15
337645	1.02	0.012	12
337646	2.29	0.009	9
337647	2.10	0.010	10
337648	2.52	0.010	10
337649	0.06	0.658	658
337650	2.17	<0.005	<5
337651	2.11	<0.005	<5
337652	2.30	<0.005	<5
337653	2.70	<0.005	<5
337654	1.57	<0.005	<5
337655	2.49	<0.005	<5
337656	2.10	0.009	9
337657	2.49	0.007	7
337658	2.09	<0.005	<5
337659	2.35	<0.005	<5
337660	1.99	<0.005	<5
337661	1.86	<0.005	<5
337662	2.63	<0.005	<5
337663	2.51	<0.005	<5
337664	2.22	<0.005	<5
337665	2.48	<0.005	<5
337666	2.38	<0.005	<5
337667	2.23	<0.005	<5
337668	2.14	<0.005	<5
337669	2.36	<0.005	<5
337670	0.29	<0.005	<5
337671	2.19	<0.005	<5
*Dup 337671	N.A.	<0.005	<5
337672	3.40	<0.005	<5
337673	1.82	<0.005	<5

Final : RL2000667 Order: Pacton Gold 20200414 Red Lake

Report File No.: 0000034383

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337674	3.46	<0.005	<5
337675	2.73	<0.005	<5
337676	2.00	<0.005	<5
337677	1.15	0.008	8
337678	1.43	0.007	7
337679	2.08	0.013	13
337680	2.38	<0.005	<5
337681	3.60	<0.005	<5
337682	3.88	<0.005	<5
337683	1.76	<0.005	<5
337684	1.53	<0.005	<5
337685	2.11	<0.005	<5
337686	2.80	<0.005	<5
337687	3.79	<0.005	<5
337688	2.25	<0.005	<5
337689	1.06	<0.005	<5
337690	0.94	<0.005	<5
337691	3.34	<0.005	<5
337692	3.40	<0.005	<5
337693	2.21	<0.005	<5
337694	2.31	<0.005	<5
337695	2.28	<0.005	<5
337696	2.37	<0.005	<5
337697	2.39	<0.005	<5
337698	2.08	<0.005	<5
337699	2.72	<0.005	<5
337700	2.25	<0.005	<5
337701	2.21	<0.005	<5
337702	2.25	<0.005	<5
337703	1.91	<0.005	<5
337704	1.17	<0.005	<5
337705	3.20	<0.005	<5
337706	3.28	<0.005	<5
337707	2.10	<0.005	<5
337708	2.16	0.007	7
*Dup 337708	N.A.	<0.005	<5
337709	2.24	<0.005	<5
*Rep 337653		<0.005	<5
*Rep 337706		<0.005	<5

Certificate of Analysis
Work Order : RL2000668
[Report File No.: 0000034374]

Date: April 16, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200414 Red Lake
Project No.: RED LAKE
Samples: 22
Received: Apr 14, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
22	G_LOG02	Pre-preparation processing, sorting, logging, boxing
22	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
22	G_WGH79	Sample Weight & Reporting of weights
22	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000668 Order: Pacton Gold 20200414 Red Lake

Report File No.: 0000034374

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337710	0.07	0.597	597
337711	2.04	<0.005	<5
337712	2.13	<0.005	<5
337713	2.31	<0.005	<5
337714	2.28	<0.005	<5
337715	2.63	<0.005	<5
337716	2.46	<0.005	<5
337717	1.92	<0.005	<5
337718	2.61	0.006	6
337719	2.08	<0.005	<5
337720	2.40	<0.005	<5
337721	2.71	0.008	8
337722	2.12	<0.005	<5
337723	2.35	<0.005	<5
337724	3.34	<0.005	<5
337725	3.45	0.006	6
337726	3.56	<0.005	<5
337727	2.20	<0.005	<5
337728	2.68	<0.005	<5
337729	1.74	<0.005	<5
337730	1.17	<0.005	<5
337731	1.06	<0.005	<5
*Rep 337719		<0.005	<5

Certificate of Analysis
Work Order : RL2000687
[Report File No.: 0000034400]

Date: April 18, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200417 Red Lake
Project No.: RED LAKE
Samples: 75
Received: Apr 17, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
75	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000687 Order: Pacton Gold 20200417 Red Lake

Report File No.: 0000034400

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338001	3.37	0.011	11
338002	2.25	0.006	6
338003	3.46	<0.005	<5
338004	3.80	<0.005	<5
338005	1.84	0.020	20
338006	3.00	<0.005	<5
338007	3.26	<0.005	<5
338008	3.23	<0.005	<5
338009	3.16	0.007	7
338010	3.54	<0.005	<5
338011	2.88	<0.005	<5
338012	1.08	0.009	9
338013	2.37	<0.005	<5
338014	3.17	<0.005	<5
338015	3.44	<0.005	<5
338016	2.59	<0.005	<5
338017	1.55	<0.005	<5
338018	2.32	<0.005	<5
338019	2.33	<0.005	<5
338020	0.27	<0.005	<5
338021	2.34	<0.005	<5
338022	2.34	<0.005	<5
338023	2.25	0.069	69
338024	1.32	0.028	28
338025	2.29	0.012	12
338026	3.36	0.016	16
338027	1.33	<0.005	<5
338028	1.90	<0.005	<5
338029	3.44	0.005	5
338030	3.35	0.014	14
338031	3.46	0.020	20
338032	3.14	0.020	20
338033	3.10	0.027	27
338034	3.17	0.047	47
338035	2.74	0.179	179
338036	2.95	0.021	21
338037	3.34	0.094	94
*Dup 338037	N.A.	0.095	95
338038	1.72	0.033	33
338039	2.55	0.021	21

Final : RL2000687 Order: Pacton Gold 20200417 Red Lake

Report File No.: 0000034400

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338040	3.14	0.006	6
338041	3.63	0.013	13
338042	1.65	0.036	36
338043	1.50	0.023	23
338044	1.55	0.021	21
338045	3.36	<0.005	<5
338046	2.15	0.052	52
338047	1.82	0.024	24
338048	1.23	0.026	26
338049	1.34	0.020	20
338050	2.06	0.026	26
338051	1.03	<0.005	<5
338052	3.07	<0.005	<5
338053	1.07	<0.005	<5
338054	3.13	<0.005	<5
338055	2.94	<0.005	<5
338056	2.58	<0.005	<5
338057	1.19	<0.005	<5
338058	3.65	<0.005	<5
338059	2.80	<0.005	<5
338060	0.06	0.555	555
338061	3.56	<0.005	<5
338062	3.48	<0.005	<5
338063	3.61	<0.005	<5
338064	3.44	<0.005	<5
338065	3.17	<0.005	<5
338066	2.12	<0.005	<5
338067	2.38	<0.005	<5
338068	2.21	<0.005	<5
338069	2.13	<0.005	<5
338070	2.16	<0.005	<5
338071	2.39	<0.005	<5
338072	1.91	<0.005	<5
338073	1.99	<0.005	<5
338074	2.62	<0.005	<5
*Dup 338074	N.A.	<0.005	<5
338075	2.01	<0.005	<5
*Rep 338008		<0.005	<5
*Rep 338061		<0.005	<5

Certificate of Analysis
Work Order : RL2000688
[Report File No.: 0000034399]

Date: April 18, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200417 Red Lake
Project No.: RED LAKE
Samples: 19
Received: Apr 17, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
19	G_LOG02	Pre-preparation processing, sorting, logging, boxing
19	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
19	G_WGH79	Sample Weight & Reporting of weights
19	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000688 Order: Pacton Gold 20200417 Red Lake

Report File No.: 0000034399

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338076	2.03	<0.005	<5
338077	2.34	<0.005	<5
338078	2.52	<0.005	<5
338079	2.21	<0.005	<5
338080	0.22	<0.005	<5
338081	1.91	<0.005	<5
338082	2.66	<0.005	<5
338083	2.15	<0.005	<5
338084	2.13	<0.005	<5
338085	2.03	<0.005	<5
338086	1.99	<0.005	<5
338087	1.88	<0.005	<5
338088	2.06	<0.005	<5
338089	2.07	<0.005	<5
338090	2.12	<0.005	<5
338091	2.62	0.008	8
338092	2.36	<0.005	<5
338093	2.17	<0.005	<5
338094	0.06	0.567	567
*Rep 338080		<0.005	<5

Certificate of Analysis
Work Order : RL2000701
[Report File No.: 0000034426]

Date: April 22, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200420 Red Lake
Project No.: RED LAKE
Samples: 60
Received: Apr 20, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
60	G_LOG02	Pre-preparation processing, sorting, logging, boxing
60	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
59	G_WGH79	Sample Weight & Reporting of weights
60	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000701 Order: Pacton Gold 20200420 Red Lake

Report File No.: 0000034426

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00337732	2.29	0.007	7
00337733	2.16	<0.005	<5
00337734	2.29	<0.005	<5
00337735	1.64	<0.005	<5
00337736	2.28	0.005	5
00337737	3.23	<0.005	<5
00337738	3.85	<0.005	<5
00337739	3.10	<0.005	<5
00337740	3.60	<0.005	<5
00337741	3.47	<0.005	<5
00337742	2.04	<0.005	<5
00337743	1.65	<0.005	<5
00337744	2.40	<0.005	<5
00337745	3.05	<0.005	<5
00337746	2.60	<0.005	<5
00337747	2.49	<0.005	<5
00337748	3.10	<0.005	<5
00337749	0.40	<0.005	<5
00337750	2.85	<0.005	<5
00337751	2.56	<0.005	<5
00337752	2.67	<0.005	<5
00337753	1.58	<0.005	<5
00337754	0.87	<0.005	<5
00337755	1.62	<0.005	<5
00337756	3.13	<0.005	<5
00337757	3.30	<0.005	<5
00337758	3.08	<0.005	<5
00337759	2.81	<0.005	<5
00337760	3.26	<0.005	<5
00337761	2.97	0.006	6
00337762	3.41	<0.005	<5
00337763	2.78	0.007	7
00337764	3.72	<0.005	<5
00337765	3.14	0.005	5
00337766	3.75	<0.005	<5
00337767	3.27	<0.005	<5
00337768	3.30	<0.005	<5
*Dup 00337768	N.A.	<0.005	<5
00337769	2.97	<0.005	<5
00337770	0.06	2.196	2196

Final : RL2000701 Order: Pacton Gold 20200420 Red Lake

Report File No.: 0000034426

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00337771	3.58	<0.005	<5
00337772	3.40	<0.005	<5
00337773	3.53	<0.005	<5
00337774	2.56	<0.005	<5
00337775	3.61	<0.005	<5
00337776	2.85	<0.005	<5
00337777	3.58	<0.005	<5
00337778	3.15	<0.005	<5
00337779	3.01	<0.005	<5
00337780	2.69	<0.005	<5
00337781	3.54	<0.005	<5
00337782	3.37	<0.005	<5
00337783	3.15	<0.005	<5
00337784	3.27	<0.005	<5
00337785	2.46	<0.005	<5
00337786	2.41	<0.005	<5
00337787	2.19	<0.005	<5
00337788	2.21	<0.005	<5
00337789	2.51	<0.005	<5
00337790	N.A.	<0.005	<5
00337791	2.29	<0.005	<5
*Rep 00337746		<0.005	<5
*Rep 00337790		<0.005	<5

Certificate of Analysis
Work Order : RL2000702
[Report File No.: 0000034418]

Date: April 21, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200420 Red Lake
Project No.: RED LAKE
Samples: 60
Received: Apr 20, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
60	G_LOG02	Pre-preparation processing, sorting, logging, boxing
60	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
59	G_WGH79	Sample Weight & Reporting of weights
60	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000702 Order: Pacton Gold 20200420 Red Lake

Report File No.: 0000034418

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00337792	2.57	<0.005	<5
00337793	1.97	<0.005	<5
00337794	2.55	<0.005	<5
00337795	2.27	<0.005	<5
00337796	2.10	<0.005	<5
00337797	1.47	<0.005	<5
00337798	3.39	<0.005	<5
00337799	2.44	<0.005	<5
00337800	2.40	<0.005	<5
00337801	2.35	<0.005	<5
00337802	2.29	<0.005	<5
00337803	3.67	<0.005	<5
00337804	3.14	<0.005	<5
00337805	2.58	<0.005	<5
00337806	2.67	<0.005	<5
00337807	2.28	<0.005	<5
00337808	3.33	<0.005	<5
00337809	3.13	<0.005	<5
00337810	0.35	0.009	9
00337811	3.72	<0.005	<5
00337812	2.70	<0.005	<5
00337813	3.31	<0.005	<5
00337814	3.47	0.005	5
00337815	3.33	<0.005	<5
00337816	3.11	<0.005	<5
00337817	3.85	<0.005	<5
00337818	3.24	<0.005	<5
00337819	3.41	0.007	7
00337820	2.58	<0.005	<5
00337821	3.35	<0.005	<5
00337822	3.36	<0.005	<5
00337823	3.19	<0.005	<5
00337824	3.24	<0.005	<5
00337825	3.04	<0.005	<5
00337826	3.20	<0.005	<5
00337827	2.22	<0.005	<5
00337828	3.32	<0.005	<5
*Dup 00337828	N.A.	<0.005	<5
00337829	3.07	<0.005	<5
00337830	0.06	5.620	5620

Final : RL2000702 Order: Pacton Gold 20200420 Red Lake

Report File No.: 0000034418

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00337831	3.22	<0.005	<5
00337832	3.10	<0.005	<5
00337833	N.A.	<0.005	<5
00337834	3.59	0.013	13
00337835	3.32	0.008	8
00337836	3.44	0.079	79
00337837	3.33	0.047	47
00337838	3.28	0.007	7
00337839	2.26	<0.005	<5
00337840	2.70	<0.005	<5
00337841	1.96	<0.005	<5
00337842	2.50	<0.005	<5
00337843	1.90	<0.005	<5
00337844	2.34	<0.005	<5
00337845	2.23	<0.005	<5
00337846	1.93	<0.005	<5
00337847	2.11	0.028	28
00337848	0.41	<0.005	<5
00337849	1.84	0.038	38
00337850	1.53	<0.005	<5
00337851	3.20	<0.005	<5
*Rep 00337820		<0.005	<5
*Rep 00337837		0.041	41

Certificate of Analysis
Work Order : RL2000722
[Report File No.: 0000034462]

Date: April 27, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200424
Project No.: RED LAKE
Samples: 63
Received: Apr 24, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
63	G_LOG02	Pre-preparation processing, sorting, logging, boxing
63	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
62	G_WGH79	Sample Weight & Reporting of weights
63	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000722 Order: Pacton Gold 20200424

Report File No.: 0000034462

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00337852	3.46	<0.005	<5
00337853	2.30	<0.005	<5
00337854	3.31	<0.005	<5
00337855	3.35	<0.005	<5
00337856	3.68	<0.005	<5
00337857	3.69	<0.005	<5
00337858	3.50	<0.005	<5
00337859	3.70	<0.005	<5
00337860	3.65	<0.005	<5
00337861	3.41	<0.005	<5
00337862	2.18	<0.005	<5
00337863	2.47	<0.005	<5
00337864	2.27	0.006	6
00337865	1.70	<0.005	<5
00337866	2.20	0.009	9
00337867	2.35	0.009	9
00337868	3.28	<0.005	<5
00337869	2.44	<0.005	<5
00337870	0.05	2.079	2079
00337871	1.89	<0.005	<5
00337872	3.04	<0.005	<5
00337873	3.62	<0.005	<5
00337874	3.03	<0.005	<5
00337875	1.95	<0.005	<5
00337876	2.30	<0.005	<5
00337877	2.41	<0.005	<5
00337878	2.60	<0.005	<5
00337879	3.12	<0.005	<5
00337880	3.70	<0.005	<5
00337881	3.50	<0.005	<5
00337882	2.51	<0.005	<5
00337883	3.35	<0.005	<5
00337884	3.36	<0.005	<5
00337885	3.45	<0.005	<5
00337886	2.28	0.006	6
00337887	2.10	<0.005	<5
00337888	2.41	<0.005	<5
*Dup 00337888	N.A.	<0.005	<5
00337889	3.79	<0.005	<5
00337890	N.A.	<0.005	<5

Final : RL2000722 Order: Pacton Gold 20200424

Report File No.: 0000034462

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00337891	2.38	<0.005	<5
00337892	2.45	<0.005	<5
00337893	2.27	<0.005	<5
00337894	3.83	0.008	8
00337895	3.77	<0.005	<5
00337896	3.86	<0.005	<5
00337897	3.73	0.006	6
00337898	3.33	<0.005	<5
00337899	3.45	0.006	6
00337900	2.78	<0.005	<5
00337901	3.16	0.005	5
00337902	3.83	<0.005	<5
00337903	3.84	<0.005	<5
00337904	3.37	<0.005	<5
00337905	3.11	<0.005	<5
00337906	4.30	<0.005	<5
00337907	3.53	<0.005	<5
00337908	3.31	<0.005	<5
00337909	2.16	<0.005	<5
00337910	0.35	<0.005	<5
00337911	2.07	<0.005	<5
00337912	1.94	0.008	8
00337913	1.74	<0.005	<5
00337914	1.97	0.012	12
*Rep 00337857		<0.005	<5
*Rep 00337914		0.009	9

Certificate of Analysis
Work Order : RL2000750
[Report File No.: 0000034492]

Date: May 02, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 04292020 Red Lake
Project No.: RED LAKE
Samples: 51
Received: Apr 29, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
51	G_LOG02	Pre-preparation processing, sorting, logging, boxing
51	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
50	G_WGH79	Sample Weight & Reporting of weights
51	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000750 Order: Pacton Gold 04292020 Red Lake

Report File No.: 0000034492

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337915	2.08	<0.005	<5
337916	3.28	0.018	18
337917	3.20	<0.005	<5
337918	3.39	<0.005	<5
337919	3.16	<0.005	<5
337920	2.27	<0.005	<5
337921	1.79	0.007	7
337922	2.73	<0.005	<5
337923	2.31	<0.005	<5
337924	2.32	0.005	5
337925	2.39	<0.005	<5
337926	2.50	<0.005	<5
337927	2.22	<0.005	<5
337928	2.35	<0.005	<5
337929	0.76	<0.005	<5
337930	0.06	0.591	591
337931	2.15	<0.005	<5
337932	2.28	0.065	65
337933	3.25	<0.005	<5
337934	3.20	<0.005	<5
337935	3.07	<0.005	<5
337936	1.01	<0.005	<5
337937	2.10	0.007	7
337938	2.18	0.005	5
337939	3.43	<0.005	<5
337940	2.11	0.006	6
337941	3.09	<0.005	<5
337942	3.46	0.005	5
337943	3.49	<0.005	<5
337944	3.34	<0.005	<5
337945	3.34	<0.005	<5
337946	3.28	<0.005	<5
337947	3.53	<0.005	<5
337948	3.24	0.104	104
337949	N.A.	0.008	8
337950	3.21	<0.005	<5
337951	1.73	<0.005	<5
*Dup 337951	N.A.	<0.005	<5
337952	2.65	<0.005	<5
337953	2.26	<0.005	<5

Final : RL2000750 Order: Pacton Gold 04292020 Red Lake

Report File No.: 0000034492

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337954	2.41	<0.005	<5
337955	2.01	<0.005	<5
337956	3.50	0.012	12
337957	3.33	<0.005	<5
337958	1.98	<0.005	<5
337959	2.52	0.009	9
337960	2.10	0.005	5
337961	2.45	<0.005	<5
337962	2.16	<0.005	<5
337963	3.70	<0.005	<5
337964	3.35	<0.005	<5
337965	1.94	<0.005	<5
*Rep 337927		<0.005	<5
*Rep 337947		<0.005	<5

Certificate of Analysis
Work Order : RL2000807
[Report File No.: 0000034596]

Date: May 13, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200510 Red Lake
Project No.: RED LAKE
Samples: 154
Received: May 10, 2020
Pages: Page 1 to 6
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
154	G_LOG02	Pre-preparation processing, sorting, logging, boxing
154	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
154	G_WGH79	Sample Weight & Reporting of weights
154	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000807 Order: Pacton Gold 20200510 Red Lake

Report File No.: 0000034596

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
337966	2.43	0.006	6
337967	1.85	<0.005	<5
337968	2.19	<0.005	<5
337969	2.63	<0.005	<5
337970	0.06	0.631	631
337971	2.29	<0.005	<5
337972	2.38	<0.005	<5
337973	2.42	<0.005	<5
337974	2.58	0.008	8
337975	2.08	0.008	8
337976	2.50	<0.005	<5
337977	2.01	0.011	11
337978	2.65	0.009	9
337979	2.22	0.009	9
337980	2.39	<0.005	<5
337981	2.26	0.007	7
337982	2.23	<0.005	<5
337983	2.37	<0.005	<5
337984	2.40	<0.005	<5
337985	2.24	<0.005	<5
337986	2.39	<0.005	<5
337987	2.22	<0.005	<5
337988	2.39	<0.005	<5
337989	2.33	<0.005	<5
337990	0.36	<0.005	<5
337991	2.48	<0.005	<5
337992	1.16	0.364	364
337993	2.39	<0.005	<5
337994	2.75	<0.005	<5
337995	2.04	<0.005	<5
337996	2.23	<0.005	<5
337997	2.43	<0.005	<5
337998	1.63	<0.005	<5
337999	2.40	<0.005	<5
338000	2.18	<0.005	<5
338095	1.96	<0.005	<5
338096	2.26	<0.005	<5
*Dup 338096	N.A.	<0.005	<5
338097	2.33	<0.005	<5
338098	2.42	0.006	6

Final : RL2000807 Order: Pacton Gold 20200510 Red Lake

Report File No.: 0000034596

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338099	2.54	<0.005	<5
338100	1.52	<0.005	<5
338101	2.78	<0.005	<5
338102	2.79	<0.005	<5
338103	2.40	<0.005	<5
338104	2.58	0.011	11
338105	1.09	<0.005	<5
338106	2.33	<0.005	<5
338107	2.19	<0.005	<5
338108	0.20	<0.005	<5
338109	1.94	<0.005	<5
338110	1.01	0.010	10
338111	2.13	0.012	12
338112	2.26	0.013	13
338113	2.04	0.011	11
338114	1.83	<0.005	<5
338115	2.75	0.011	11
338116	3.33	<0.005	<5
338117	2.18	<0.005	<5
338118	2.48	<0.005	<5
338119	1.96	<0.005	<5
338120	2.09	0.010	10
338121	2.42	<0.005	<5
338122	2.11	<0.005	<5
338123	1.52	<0.005	<5
338124	2.04	<0.005	<5
338125	2.54	<0.005	<5
338126	2.80	<0.005	<5
338127	2.15	<0.005	<5
338128	0.05	<0.005	<5
338129	2.45	<0.005	<5
338130	2.15	<0.005	<5
338131	2.14	<0.005	<5
338132	2.61	<0.005	<5
338133	2.41	<0.005	<5
*Dup 338133	N.A.	<0.005	<5
338134	0.90	<0.005	<5
338135	2.93	<0.005	<5
338136	2.55	<0.005	<5
338137	1.99	<0.005	<5

Final : RL2000807 Order: Pacton Gold 20200510 Red Lake

Report File No.: 0000034596

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338138	2.81	<0.005	<5
338139	2.75	<0.005	<5
338140	2.32	<0.005	<5
338141	1.92	<0.005	<5
338142	2.23	0.009	9
338143	2.76	<0.005	<5
338144	1.77	0.011	11
338145	2.11	<0.005	<5
338146	2.28	<0.005	<5
338147	0.86	<0.005	<5
338148	1.03	<0.005	<5
338149	2.35	0.012	12
338150	2.29	<0.005	<5
338151	2.34	<0.005	<5
338152	2.51	<0.005	<5
338153	2.09	<0.005	<5
338154	2.39	<0.005	<5
338155	2.55	<0.005	<5
338156	2.28	0.008	8
338157	2.21	<0.005	<5
338158	2.29	0.010	10
338159	2.24	<0.005	<5
338160	1.07	<0.005	<5
338161	2.19	0.020	20
338162	2.68	<0.005	<5
338163	2.09	<0.005	<5
338164	2.01	<0.005	<5
338165	2.33	<0.005	<5
338166	1.38	<0.005	<5
338167	1.31	<0.005	<5
338168	0.27	<0.005	<5
338169	1.55	<0.005	<5
338170	2.60	0.012	12
*Dup 338170	N.A.	0.006	6
338171	2.26	0.005	5
338172	2.20	0.010	10
338173	2.04	0.006	6
338174	1.80	<0.005	<5
338175	2.18	0.009	9
338176	2.44	0.009	9

Final : RL2000807 Order: Pacton Gold 20200510 Red Lake

Report File No.: 0000034596

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338177	1.65	<0.005	<5
338178	2.51	<0.005	<5
338179	2.27	0.007	7
338180	1.66	<0.005	<5
338181	2.15	<0.005	<5
338182	2.57	<0.005	<5
338183	2.07	<0.005	<5
338184	2.38	<0.005	<5
338185	2.07	<0.005	<5
338186	2.58	<0.005	<5
338187	1.75	<0.005	<5
338188	1.44	<0.005	<5
338189	2.22	<0.005	<5
338190	2.33	<0.005	<5
338191	1.78	<0.005	<5
338192	2.29	<0.005	<5
338193	2.27	<0.005	<5
338194	2.46	<0.005	<5
338195	2.02	<0.005	<5
338196	2.55	<0.005	<5
338197	2.05	<0.005	<5
338198	1.90	<0.005	<5
338199	2.09	<0.005	<5
338200	1.92	<0.005	<5
338201	3.19	<0.005	<5
338202	3.09	<0.005	<5
338203	3.31	<0.005	<5
338204	2.36	<0.005	<5
338205	2.21	<0.005	<5
338206	2.38	<0.005	<5
338207	1.16	<0.005	<5
*Dup 338207	N.A.	<0.005	<5
338208	0.05	4.998	4998
338209	3.05	<0.005	<5
338210	3.70	<0.005	<5
338211	3.40	<0.005	<5
338212	3.06	<0.005	<5
338213	3.43	<0.005	<5
*Rep 337980		<0.005	<5
*Rep 338105		0.011	11

Final : RL2000807 Order: Pacton Gold 20200510 Red Lake

Report File No.: 0000034596

Element	Au@	Au@
Method	GE_FAA313	GE_FAA313
Det.Lim.	0.005	5
Units	g/t	ppb
*Rep 338148	<0.005	<5
*Rep 338196	<0.005	<5
*Rep 338212	<0.005	<5

Certificate of Analysis
Work Order : RL2000849
[Report File No.: 0000034638]

Date: May 21, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20190530 Red Lake
Project No.: RED LAKE
Samples: 67
Received: May 19, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
67	G_LOG02	Pre-preparation processing, sorting, logging, boxing
67	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
67	G_WGH79	Sample Weight & Reporting of weights
67	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000849 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000034638

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338214	2.91	<0.005	<5
338215	3.46	<0.005	<5
338216	2.57	<0.005	<5
338217	3.18	<0.005	<5
338218	4.28	<0.005	<5
338219	2.39	<0.005	<5
338220	1.91	<0.005	<5
338221	2.38	<0.005	<5
338222	2.43	<0.005	<5
338223	2.10	<0.005	<5
338224	2.39	<0.005	<5
338225	2.09	<0.005	<5
338226	2.10	<0.005	<5
338227	2.06	<0.005	<5
338228	2.63	<0.005	<5
338229	2.56	<0.005	<5
338230	2.11	<0.005	<5
338231	1.88	<0.005	<5
338232	2.33	<0.005	<5
338233	2.05	<0.005	<5
338234	0.23	0.010	10
338235	2.42	<0.005	<5
338236	2.41	<0.005	<5
338237	2.26	<0.005	<5
338238	2.43	<0.005	<5
338239	2.14	<0.005	<5
338240	2.51	<0.005	<5
338241	3.59	<0.005	<5
338242	3.27	<0.005	<5
338243	3.84	<0.005	<5
338244	3.37	<0.005	<5
338245	1.91	<0.005	<5
338246	2.42	<0.005	<5
338247	1.89	<0.005	<5
338248	2.69	<0.005	<5
338249	1.72	<0.005	<5
338250	3.23	<0.005	<5
*Dup 338250	N.A.	<0.005	<5
338251	2.63	<0.005	<5
338252	2.45	<0.005	<5

Final : RL2000849 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000034638

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338253	1.21	<0.005	<5
338254	1.13	<0.005	<5
338255	2.41	<0.005	<5
338256	1.41	<0.005	<5
338257	2.15	<0.005	<5
338258	2.04	<0.005	<5
338259	2.38	<0.005	<5
338260	1.42	<0.005	<5
338261	2.17	<0.005	<5
338262	2.28	<0.005	<5
338263	1.79	0.020	20
338264	1.26	<0.005	<5
338265	1.67	<0.005	<5
338266	2.20	<0.005	<5
338267	2.62	0.008	8
338268	2.12	0.005	5
338269	2.15	<0.005	<5
338270	2.01	<0.005	<5
338271	2.76	<0.005	<5
338272	2.54	0.130	130
338273	2.02	0.022	22
338274	0.05	1.994	1994
338275	1.93	<0.005	<5
338276	2.37	<0.005	<5
338277	2.89	<0.005	<5
338278	0.94	<0.005	<5
338279	2.39	<0.005	<5
338280	2.56	<0.005	<5
*Rep 338216		<0.005	<5
*Rep 338276		0.005	5

Certificate of Analysis
Work Order : RL2000850
[Report File No.: 0000034639]

Date: May 21, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20190530 Red Lake
Project No.: RED LAKE
Samples: 67
Received: May 19, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
67	G_LOG02	Pre-preparation processing, sorting, logging, boxing
67	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
65	G_WGH79	Sample Weight & Reporting of weights
66	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000850 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000034639

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338281	2.23	0.007	7
338282	2.19	<0.005	<5
338283	2.48	<0.005	<5
338284	2.10	<0.005	<5
338285	2.53	<0.005	<5
338286	2.32	<0.005	<5
338287	2.47	<0.005	<5
338288	1.10	<0.005	<5
338289	3.26	<0.005	<5
338290	L.N.R.	L.N.R.	L.N.R.
338291	2.36	<0.005	<5
338292	2.61	<0.005	<5
338293	2.43	<0.005	<5
338294	0.27	<0.005	<5
338295	2.71	<0.005	<5
338296	2.23	<0.005	<5
338297	2.21	<0.005	<5
338298	2.39	<0.005	<5
338299	1.75	<0.005	<5
338300	1.27	<0.005	<5
338301	1.77	<0.005	<5
338302	2.37	<0.005	<5
338303	2.10	<0.005	<5
338304	1.22	0.010	10
338305	0.58	0.017	17
338306	0.39	<0.005	<5
338307	1.68	<0.005	<5
338308	1.20	<0.005	<5
338309	1.64	<0.005	<5
338310	2.24	0.022	22
338311	2.24	0.052	52
338312	2.19	<0.005	<5
338313	1.39	<0.005	<5
338314	1.35	<0.005	<5
338315	1.65	<0.005	<5
338316	0.32	<0.005	<5
338317	2.03	<0.005	<5
*Dup 338317	N.A.	<0.005	<5
338318	2.11	0.013	13
338319	2.35	<0.005	<5

Final : RL2000850 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000034639

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338320	2.30	<0.005	<5
338321	2.22	0.230	230
338322	1.14	<0.005	<5
338323	2.25	<0.005	<5
338324	1.83	<0.005	<5
338325	1.08	<0.005	<5
338326	0.93	0.009	9
338327	2.08	<0.005	<5
338328	1.48	<0.005	<5
338329	1.89	<0.005	<5
338330	2.11	0.014	14
338331	1.12	0.017	17
338332	2.08	0.057	57
338333	2.19	<0.005	<5
338334	2.16	0.009	9
338335	2.00	<0.005	<5
338336	N.A.	<0.005	<5
338337	1.65	<0.005	<5
338338	1.24	<0.005	<5
338339	1.41	<0.005	<5
338340	2.11	<0.005	<5
338341	2.10	<0.005	<5
338342	2.25	<0.005	<5
338343	2.11	<0.005	<5
338344	2.23	<0.005	<5
338345	2.33	<0.005	<5
338346	2.31	<0.005	<5
338347	2.10	<0.005	<5
*Rep 338301		<0.005	<5
*Rep 338343		<0.005	<5

Certificate of Analysis
Work Order : RL2000851
[Report File No.: 0000034648]

Date: May 22, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20190530 Red Lake
Project No.: RED LAKE
Samples: 69
Received: May 19, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
69	G_LOG02	Pre-preparation processing, sorting, logging, boxing
69	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
68	G_WGH79	Sample Weight & Reporting of weights
69	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000851 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000034648

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338348	2.09	<0.005	<5
338349	2.11	<0.005	<5
338350	2.12	<0.005	<5
338351	2.12	<0.005	<5
338352	2.07	<0.005	<5
338353	2.32	<0.005	<5
338354	2.26	<0.005	<5
338355	1.58	<0.005	<5
338356	0.06	2.120	2120
338357	1.10	<0.005	<5
338358	1.64	<0.005	<5
338359	2.08	<0.005	<5
338360	2.27	<0.005	<5
338361	2.08	<0.005	<5
338362	2.32	<0.005	<5
338363	2.02	<0.005	<5
338364	1.08	<0.005	<5
338365	2.34	<0.005	<5
338366	2.25	<0.005	<5
338367	1.05	<0.005	<5
338368	2.03	<0.005	<5
338369	2.25	<0.005	<5
338370	2.54	<0.005	<5
338371	0.99	<0.005	<5
338372	1.91	<0.005	<5
338373	2.27	<0.005	<5
338374	2.36	<0.005	<5
338375	2.34	<0.005	<5
338376	0.40	<0.005	<5
338377	2.41	<0.005	<5
338378	2.65	<0.005	<5
338379	1.93	<0.005	<5
338380	2.50	<0.005	<5
338381	1.99	<0.005	<5
338382	2.17	<0.005	<5
338383	2.25	<0.005	<5
338384	2.19	<0.005	<5
*Dup 338384	N.A.	<0.005	<5
338385	2.21	<0.005	<5
338386	2.49	<0.005	<5

Final : RL2000851 Order: Pacton Gold 20190530 Red Lake

Report File No.: 0000034648

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
338387	1.72	<0.005	<5
338388	1.76	0.017	17
338389	1.33	<0.005	<5
338390	1.11	<0.005	<5
338391	3.25	<0.005	<5
338392	2.85	<0.005	<5
338393	3.23	0.035	35
338394	3.27	<0.005	<5
338395	3.73	<0.005	<5
338396	3.09	<0.005	<5
338397	N.A.	<0.005	<5
338398	3.35	<0.005	<5
338399	3.22	<0.005	<5
338400	3.98	<0.005	<5
338401	2.58	<0.005	<5
338402	1.96	<0.005	<5
338403	1.80	<0.005	<5
338404	1.92	<0.005	<5
338405	2.65	<0.005	<5
338406	2.10	<0.005	<5
338407	1.76	<0.005	<5
338408	1.97	<0.005	<5
338409	2.39	<0.005	<5
338410	2.36	<0.005	<5
338411	2.09	<0.005	<5
338412	2.80	<0.005	<5
338413	3.05	<0.005	<5
338414	1.93	<0.005	<5
338415	1.80	<0.005	<5
338416	2.18	<0.005	<5
*Rep 338352		<0.005	<5
*Rep 338403		<0.005	<5

Certificate of Analysis
Work Order : RL2000869
[Report File No.: 0000034662]

Date: May 24, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200523 Red Lake
Project No.: RED LAKE
Samples: 75
Received: May 23, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
74	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000869 Order: Pacton Gold 20200523 Red Lake

Report File No.: 0000034662

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338417	1.56	0.008	8
00338418	0.05	0.583	583
00338419	2.35	0.009	9
00338420	2.47	0.014	14
00338421	2.26	0.008	8
00338422	2.30	0.006	6
00338423	1.85	0.008	8
00338424	2.53	<0.005	<5
00338425	2.32	0.008	8
00338426	2.05	<0.005	<5
00338427	2.05	<0.005	<5
00338428	2.08	0.014	14
00338429	1.01	0.017	17
00338430	1.04	0.010	10
00338431	2.37	<0.005	<5
00338432	2.14	<0.005	<5
00338433	2.15	0.012	12
00338434	2.17	<0.005	<5
00338435	2.39	<0.005	<5
00338436	2.25	0.012	12
00338437	2.28	<0.005	<5
00338438	2.30	0.005	5
00338439	0.52	<0.005	<5
00338440	1.63	<0.005	<5
00338441	3.12	<0.005	<5
00338442	2.31	<0.005	<5
00338443	1.21	<0.005	<5
00338444	2.01	<0.005	<5
00338445	1.34	<0.005	<5
00338446	2.23	<0.005	<5
00338447	1.62	<0.005	<5
00338448	2.44	<0.005	<5
00338449	2.04	<0.005	<5
00338450	1.18	0.025	25
00338451	0.94	0.009	9
00338452	2.20	<0.005	<5
00338453	2.10	<0.005	<5
*Dup 00338453	N.A.	<0.005	<5
00338454	1.60	0.042	42
00338455	0.95	<0.005	<5

Final : RL2000869 Order: Pacton Gold 20200523 Red Lake

Report File No.: 0000034662

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338456	0.93	<0.005	<5
00338457	0.98	<0.005	<5
00338458	2.14	<0.005	<5
00338459	N.A.	<0.005	<5
00338460	2.12	<0.005	<5
00338461	2.19	<0.005	<5
00338462	2.19	<0.005	<5
00338463	2.88	<0.005	<5
00338464	1.67	<0.005	<5
00338465	1.18	0.008	8
00338466	3.03	0.007	7
00338467	2.09	0.010	10
00338468	1.13	0.008	8
00338469	1.01	<0.005	<5
00338470	2.10	0.005	5
00338471	2.25	0.014	14
00338472	2.33	0.091	91
00338473	2.24	0.008	8
00338474	2.08	<0.005	<5
00338475	2.08	<0.005	<5
00338476	2.23	<0.005	<5
00338477	2.20	0.006	6
00338478	2.24	<0.005	<5
00338479	2.24	0.008	8
00338480	0.05	2.165	2165
00338481	2.43	0.055	55
00338482	1.98	0.011	11
00338483	2.27	0.059	59
00338484	2.49	<0.005	<5
00338485	2.31	0.005	5
00338486	2.26	<0.005	<5
00338487	2.36	0.098	98
00338488	2.15	0.009	9
00338489	2.08	<0.005	<5
00338490	2.48	0.022	22
*Dup 00338490	N.A.	0.016	16
00338491	1.38	<0.005	<5
*Rep 00338435		<0.005	<5
*Rep 00338488		0.006	6

Certificate of Analysis
Work Order : RL2000870
[Report File No.: 0000034665]

Date: May 25, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200523 Red Lake
Project No.: RED LAKE
Samples: 40
Received: May 23, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
40	G_LOG02	Pre-preparation processing, sorting, logging, boxing
40	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
40	G_WGH79	Sample Weight & Reporting of weights
40	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000870 Order: Pacton Gold 20200523 Red Lake

Report File No.: 0000034665

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338492	1.30	<0.005	<5
00338493	2.03	<0.005	<5
00338494	2.25	<0.005	<5
00338495	2.43	0.047	47
00338496	2.04	0.045	45
00338497	2.65	0.329	329
00338498	2.40	0.229	229
00338499	2.28	0.032	32
00338500	2.52	0.034	34
00338501	2.18	0.011	11
00338502	2.26	0.018	18
00338503	2.14	0.034	34
00338504	2.28	0.005	5
00338505	2.19	0.039	39
00338506	2.17	0.048	48
00338507	2.45	0.032	32
00338508	1.04	0.021	21
00338509	1.07	0.009	9
00338510	1.31	<0.005	<5
00338511	1.28	<0.005	<5
00338512	0.88	<0.005	<5
00338513	2.28	<0.005	<5
00338514	1.08	0.006	6
00338515	1.31	<0.005	<5
00338516	0.42	<0.005	<5
00338517	1.35	<0.005	<5
00338518	0.86	<0.005	<5
00338519	2.37	<0.005	<5
00338520	2.26	<0.005	<5
00338521	2.07	0.019	19
00338522	0.79	<0.005	<5
00338523	1.81	<0.005	<5
00338524	1.09	<0.005	<5
00338525	1.05	<0.005	<5
00338526	0.97	<0.005	<5
00338527	1.13	<0.005	<5
00338528	1.07	0.005	5
*Dup 00338528	N.A.	0.006	6
00338529	2.34	<0.005	<5
00338530	0.88	0.042	42

Final : RL2000870 Order: Pacton Gold 20200523 Red Lake

Report File No.: 0000034665

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338531	1.13	0.006	6
*Rep 00338509		0.006	6

Certificate of Analysis
Work Order : RL2000877
[Report File No.: 0000034670]

Date: May 26, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200525 Red Lake
Project No.: RED LAKE
Samples: 75
Received: May 25, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
75	G_LOG02	Pre-preparation processing, sorting, logging, boxing
75	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
73	G_WGH79	Sample Weight & Reporting of weights
75	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000877 Order: Pacton Gold 20200525 Red Lake

Report File No.: 0000034670

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338532	2.05	0.008	8
00338533	2.30	<0.005	<5
00338534	1.94	0.012	12
00338535	1.78	0.009	9
00338536	1.00	<0.005	<5
00338537	N.A.	<0.005	<5
00338538	1.77	0.007	7
00338539	0.90	<0.005	<5
00338540	1.18	<0.005	<5
00338541	2.10	<0.005	<5
00338542	1.99	<0.005	<5
00338543	2.02	<0.005	<5
00338544	2.25	<0.005	<5
00338545	2.78	<0.005	<5
00338546	1.99	<0.005	<5
00338547	2.01	<0.005	<5
00338548	1.51	<0.005	<5
00338549	2.59	<0.005	<5
00338550	2.80	<0.005	<5
00338551	2.20	<0.005	<5
00338552	2.21	<0.005	<5
00338553	2.13	<0.005	<5
00338554	2.02	<0.005	<5
00338555	2.22	<0.005	<5
00338556	2.03	<0.005	<5
00338557	2.17	<0.005	<5
00338558	0.05	5.232	5232
00338559	2.27	<0.005	<5
00338560	2.09	<0.005	<5
00338561	2.16	<0.005	<5
00338562	2.42	<0.005	<5
00338563	2.18	<0.005	<5
00338564	2.21	<0.005	<5
00338565	2.46	<0.005	<5
00338566	1.99	<0.005	<5
00338567	2.25	<0.005	<5
00338568	2.19	<0.005	<5
*Dup 00338568	N.A.	<0.005	<5
00338569	2.54	<0.005	<5
00338570	2.24	<0.005	<5

Final : RL2000877 Order: Pacton Gold 20200525 Red Lake

Report File No.: 0000034670

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338571	2.22	<0.005	<5
00338572	2.48	<0.005	<5
00338573	2.48	<0.005	<5
00338574	2.21	<0.005	<5
00338575	2.07	<0.005	<5
00338576	2.34	<0.005	<5
00338577	2.26	<0.005	<5
00338578	0.99	<0.005	<5
00338579	0.53	<0.005	<5
00338580	2.21	<0.005	<5
00338581	2.52	<0.005	<5
00338582	1.74	<0.005	<5
00338583	2.10	<0.005	<5
00338584	2.20	<0.005	<5
00338585	2.16	<0.005	<5
00338586	2.04	<0.005	<5
00338587	1.95	<0.005	<5
00338588	1.94	<0.005	<5
00338589	2.08	<0.005	<5
00338590	2.12	<0.005	<5
00338591	2.39	<0.005	<5
00338592	2.09	<0.005	<5
00338593	2.16	<0.005	<5
00338594	2.24	<0.005	<5
00338595	2.22	<0.005	<5
00338596	1.94	<0.005	<5
00338597	2.26	<0.005	<5
00338598	2.30	<0.005	<5
00338599	1.93	<0.005	<5
00338600	1.55	<0.005	<5
00338601	N.A.	<0.005	<5
00338602	2.65	<0.005	<5
00338603	1.78	<0.005	<5
00338604	2.86	<0.005	<5
00338605	1.90	<0.005	<5
*Dup 00338605	N.A.	<0.005	<5
00338606	2.24	<0.005	<5
*Rep 00338540		<0.005	<5
*Rep 00338589		<0.005	<5

Certificate of Analysis
Work Order : RL2000878
[Report File No.: 0000034671]

Date: May 26, 2020

To: **ACCOUNTS PAYABLE**
PACTON GOLD INC
1680-200 BURRARD ST
VANCOUVER BC V6C 3L6

P.O. No.: Pacton Gold 20200525 Red Lake
Project No.: RED LAKE
Samples: 43
Received: May 25, 2020
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
43	G_LOG02	Pre-preparation processing, sorting, logging, boxing
43	G_PRP89	Weigh,Dry(<3kg),Crush to 75% 2mm, Split 250g, Pulv to 85% 75 micron
43	G_WGH79	Sample Weight & Reporting of weights
43	GE_FAA313	@Au, FAS, AAS, 30g-5ml

Certified By : _____
Dennis Dykin
Acting Operations Manager

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : RL2000878 Order: Pacton Gold 20200525 Red Lake

Report File No.: 0000034671

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338607	2.75	<0.005	<5
00338608	1.32	<0.005	<5
00338609	2.26	<0.005	<5
00338610	2.27	<0.005	<5
00338611	2.12	0.017	17
00338612	2.20	<0.005	<5
00338613	2.40	<0.005	<5
00338614	1.97	<0.005	<5
00338615	2.00	<0.005	<5
00338616	2.49	<0.005	<5
00338617	1.97	<0.005	<5
00338618	2.34	<0.005	<5
00338619	2.31	<0.005	<5
00338620	0.46	<0.005	<5
00338621	2.12	<0.005	<5
00338622	2.10	<0.005	<5
00338623	2.07	<0.005	<5
00338624	2.25	<0.005	<5
00338625	2.45	<0.005	<5
00338626	2.11	<0.005	<5
00338627	2.36	<0.005	<5
00338628	2.18	<0.005	<5
00338629	2.22	<0.005	<5
00338630	2.35	0.007	7
00338631	2.42	<0.005	<5
00338632	2.41	<0.005	<5
00338633	2.08	<0.005	<5
00338634	2.56	<0.005	<5
00338635	2.10	<0.005	<5
00338636	2.30	<0.005	<5
00338637	2.31	0.021	21
00338638	2.20	<0.005	<5
00338639	2.23	<0.005	<5
00338640	2.25	<0.005	<5
00338641	0.05	2.056	2056
00338642	2.34	<0.005	<5
00338643	2.23	<0.005	<5
*Dup 00338643	N.A.	<0.005	<5
00338644	1.13	<0.005	<5
00338645	1.00	<0.005	<5

Final : RL2000878 Order: Pacton Gold 20200525 Red Lake

Report File No.: 0000034671

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
00338646	2.56	0.246	246
00338647	2.58	0.318	318
00338648	2.34	0.018	18
00338649	2.04	<0.005	<5
*Rep 00338620		<0.005	<5
*Rep 00338634		<0.005	<5

ANALYSIS REPORT YRL20-00411

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	11-Oct-2020
Submission Number	Red Lake 10112020	Date Analysed	12-Oct-2020 - 13-Oct-2020
Number of Samples	75	Date Completed	13-Oct-2020
		SGS Order Number	YRL20-00411

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	75

ANALYSIS REPORT YRL20-00411

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290001	1.35	0.018
290002	0.91	0.009
290003	2.55	<0.005
290004	1.88	<0.005
290005	1.82	0.022
290006	1.41	<0.005
290007	2.28	<0.005
290008	2.18	<0.005
290009	2.28	<0.005
290010	1.72	<0.005
290011	2.08	<0.005
290012	1.62	<0.005
290013	1.76	0.012
290014	2.41	0.026
290015	2.27	<0.005
290016	2.47	0.009
290017	2.03	0.007
290018	1.98	<0.005
290019	2.58	0.009
290020	0.77	<0.005
290021	2.31	<0.005
290022	2.51	0.007
290023	1.99	0.005
290024	2.60	0.012
290025	2.73	0.016
290026	1.71	<0.005
290027	2.77	0.008
290028	2.53	<0.005
290029	2.48	<0.005
290030	2.18	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	75

ANALYSIS REPORT YRL20-00411

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290031	2.72	<0.005
290032	2.55	<0.005
290033	2.22	0.006
290034	2.34	0.015
290035	2.16	<0.005
290036	2.50	0.007
290037	2.53	<0.005
290038	2.24	<0.005
290039	1.04	<0.005
290040	1.02	<0.005
290041	2.32	<0.005
290042	2.58	<0.005
290043	2.03	<0.005
290044	2.53	<0.005
290045	2.43	0.005
290046	2.28	<0.005
290047	2.27	<0.005
290048	2.29	0.017
290049	2.43	<0.005
290050	2.39	0.010
290051	2.15	<0.005
290052	2.28	0.017
290053	2.53	0.008
290054	2.60	0.014
290055	2.16	0.007
290056	2.44	<0.005
290057	2.24	<0.005
290058	1.86	<0.005
290059	2.03	0.005
290060	0.06	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	75

ANALYSIS REPORT YRL20-00411

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290061	2.23	<0.005
290062	1.90	<0.005
290063	1.92	<0.005
290064	2.23	<0.005
290065	2.57	<0.005
290066	2.43	<0.005
290067	2.19	<0.005
290068	2.26	<0.005
290069	2.97	<0.005
290070	1.48	<0.005
290071	2.18	<0.005
290072	2.18	<0.005
290073	2.44	<0.005
290074	2.46	<0.005
290075	2.26	<0.005
*Blk BLANK	-	<0.005
*Rep 290026	-	0.008
*Std OREAS222	-	1.267
*Rep 290048	-	0.013
*Std OREAS222	-	1.285

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00412

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	11-Oct-2020
Submission Number	Red Lake 10112020	Date Analysed	13-Oct-2020
Number of Samples	75	Date Completed	13-Oct-2020
		SGS Order Number	YRL20-00412

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	75

ANALYSIS REPORT YRL20-00412

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290076	2.45	<0.005
290077	2.58	0.015
290078	1.95	0.041
290079	2.33	0.093
290080	0.73	<0.005
290081	2.12	0.047
290082	2.16	0.041
290083	2.27	0.011
290084	2.33	0.013
290085	2.25	0.029
290086	2.28	0.089
290087	2.38	0.036
290088	2.44	<0.005
290089	2.23	<0.005
290090	2.46	<0.005
290091	1.66	<0.005
290092	2.19	<0.005
290093	2.54	<0.005
290094	2.13	<0.005
290095	2.12	0.006
290096	2.27	0.005
290097	2.05	0.019
290098	2.12	<0.005
290099	0.99	<0.005
290100	1.03	<0.005
290101	2.29	<0.005
290102	2.16	<0.005
290103	2.27	<0.005
290104	2.52	<0.005
290105	2.21	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	75

ANALYSIS REPORT YRL20-00412

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290106	2.53	<0.005
290107	2.37	<0.005
290108	2.50	<0.005
290109	2.71	0.008
290110	2.39	<0.005
290111	2.49	0.008
290112	2.38	<0.005
290113	2.34	<0.005
290114	1.83	<0.005
290115	2.69	0.012
290116	2.38	0.008
290117	2.37	0.007
290118	2.27	0.031
290119	2.34	0.061
290120	0.06	0.520
290121	2.16	0.078
290122	2.39	0.010
290123	2.20	<0.005
290124	2.20	<0.005
290125	2.52	<0.005
290126	2.24	<0.005
290127	2.87	<0.005
290128	1.36	<0.005
290129	2.19	<0.005
290130	2.23	<0.005
290131	2.20	<0.005
290132	2.21	0.009
290133	1.92	0.008
290134	2.58	0.006
290135	2.46	0.021

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	75

ANALYSIS REPORT YRL20-00412

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290136	2.55	<0.005
290137	2.26	<0.005
290138	2.35	<0.005
290139	2.05	<0.005
290140	0.75	<0.005
290141	2.50	<0.005
290142	2.07	<0.005
290143	2.04	<0.005
290144	2.22	<0.005
290145	2.01	<0.005
290146	2.06	<0.005
290147	2.57	<0.005
290148	2.35	<0.005
290149	2.20	<0.005
290150	2.10	<0.005
*Blk BLANK	-	<0.005
*Rep 290082	-	0.047
*Std OREAS222	-	1.149
*Std OREAS222	-	1.213
*Std OXK160	-	3.535
*Rep 290144	-	<0.005

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00413

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	11-Oct-2020
Submission Number	Red Lake 10112020	Date Analysed	13-Oct-2020
Number of Samples	44	Date Completed	13-Oct-2020
		SGS Order Number	YRL20-00413

Methods Summary

Number of Sample	Method Code	Description
44	G_WGH_KG	Weight of samples received
44	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	44

ANALYSIS REPORT YRL20-00413

Element	Wtkg	@Au	@Au_OZT
Method	G_WGH_KG	GE_FAA30V5	GE_FAA30V5
Lower Limit	0.01	0.005	0.00015
Upper Limit	--	10	0.2917
Unit	kg	ppm m / m	oz / t
290151	2.73	<0.005	-
290152	2.47	<0.005	-
290153	2.29	<0.005	-
290154	2.20	<0.005	-
290155	2.02	<0.005	-
290156	2.33	<0.005	-
290157	2.31	<0.005	-
290158	2.25	<0.005	-
290159	1.15	<0.005	-
290160	1.04	<0.005	-
290161	2.14	<0.005	-
290162	2.41	<0.005	-
290163	2.05	<0.005	-
290164	2.20	<0.005	-
290165	2.36	<0.005	-
290166	2.21	<0.005	-
290167	2.43	<0.005	-
290168	1.84	<0.005	-
290169	1.35	<0.005	-
290170	1.25	<0.005	-
290171	2.09	<0.005	-
290172	2.13	<0.005	-
290173	2.54	<0.005	-
290174	2.37	<0.005	-
290175	2.04	<0.005	-
290176	2.21	<0.005	-
290177	2.58	<0.005	-
290178	1.81	<0.005	-
290179	2.35	<0.005	-
290180	0.06	5.144	-
290181	1.86	<0.005	-
290182	2.28	<0.005	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Red Lake 10112020
Number of Samples	44

ANALYSIS REPORT YRL20-00413

Element	Wtkg	@Au	@Au_OZT
Method	G_WGH_KG	GE_FAA30V5	GE_FAA30V5
Lower Limit	0.01	0.005	0.00015
Upper Limit	--	10	0.2917
Unit	kg	ppm m / m	oz / t
290183	2.42	<0.005	-
290184	2.89	<0.005	-
290185	2.86	<0.005	-
290186	3.12	<0.005	-
290187	2.31	<0.005	-
290188	2.29	<0.005	-
290189	2.26	<0.005	-
290190	2.16	<0.005	-
290191	2.38	<0.005	-
290192	2.37	<0.005	-
290193	2.10	<0.005	-
290194	2.26	<0.005	-
*Blk BLANK	-	<0.005	<0.0002
*Std OREAS222	-	1.221	0.0356
*Std OXK160	-	3.620	0.1056
*Rep 290187	-	<0.005	<0.0002
*Rep 290190	-	<0.005	<0.0002

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Redlake | 16 A Young Street PO Box 1349 Red Lake Ontario P0V 2M0 CANADA t +001 (807) 727 2939 f +001 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00457

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	17-Oct-2020
Submission Number	RED LAKE 10172020	Date Analysed	18-Oct-2020 - 23-Oct-2020
Number of Samples	76	Date Completed	23-Oct-2020
		SGS Order Number	YRL20-00457

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
76	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10172020
Number of Samples	76

ANALYSIS REPORT YRL20-00457

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290195	2.96	<0.005
290196	3.45	<0.005
290197	3.00	0.005
290198	2.39	<0.005
290199	2.39	<0.005
290200	1.10	<0.005
290201	1.57	<0.005
290202	3.17	<0.005
290203	2.50	<0.005
290204	2.41	0.010
290205	2.38	0.025
290206	2.32	0.008
290207	2.64	0.008
290208	2.43	0.010
290209	2.69	0.056
290210	2.56	0.018
290211	2.34	0.006
290212	2.32	0.015
290213	0.97	<0.005
290214	1.93	0.029
290215	1.07	<0.005
290216	3.17	0.025
290217	2.43	0.036
290218	2.54	0.030
290219	2.18	0.035
290220	-	0.034
290221	2.33	0.023
290222	2.44	0.008
290223	2.44	<0.005
290224	1.52	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10172020
Number of Samples	76

ANALYSIS REPORT YRL20-00457

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290225	0.62	<0.005
290226	0.74	0.005
290227	1.44	0.006
290228	2.12	<0.005
290229	2.20	0.007
290230	2.18	<0.005
290231	2.26	0.013
290232	2.34	0.010
290233	2.49	<0.005
290234	2.32	<0.005
290235	2.36	0.008
290236	2.08	0.007
290237	2.33	0.007
290238	2.03	<0.005
290239	0.91	<0.005
290240	0.06	1.993
290241	1.64	0.012
290242	2.25	0.051
290243	1.99	0.016
290244	2.31	0.064
290245	2.29	<0.005
290246	2.25	0.017
290247	2.31	0.026
290248	2.31	0.020
290249	2.21	0.015
290250	2.15	0.031
290251	2.36	0.016
290252	1.04	0.052
290253	1.30	0.056
290254	2.05	0.070

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10172020
Number of Samples	76

ANALYSIS REPORT YRL20-00457

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290255	2.17	0.025
290256	2.12	0.024
290257	2.29	0.017
290258	1.20	0.018
290259	1.82	0.063
290260	1.17	0.008
290261	2.86	0.006
290262	2.27	0.009
290263	2.44	0.011
290264	2.25	0.010
290265	2.37	<0.005
290266	1.09	<0.005
290267	2.04	0.027
290268	1.37	0.011
290269	1.38	<0.005
290270	2.77	0.011
*Blk BLANK	-	<0.005
*Rep 290210	-	0.025
*Std OREAS221	-	1.049
*Std OXK160	-	3.421
*Std OREAS221	-	1.084
*Rep 290259	-	0.066
*Blk BLANK	-	<0.005
*Rep 290270	-	<0.005
*Std OXK160	-	3.403

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00458

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	17-Oct-2020
Submission Number	RED LAKE 10172020	Date Analysed	18-Oct-2020 - 23-Oct-2020
Number of Samples	24	Date Completed	23-Oct-2020
		SGS Order Number	YRL20-00458

Methods Summary

Number of Sample	Method Code	Description
23	G_WGH_KG	Weight of samples received
24	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 10172020
Number of Samples	24

ANALYSIS REPORT YRL20-00458

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290271	1.48	0.005
290272	1.76	0.006
290273	1.75	0.010
290274	2.51	0.008
290275	2.96	0.009
290276	1.32	0.006
290277	2.23	0.097
290278	2.58	0.013
290279	2.45	0.088
290280	-	0.097
290281	3.53	0.128
290282	1.69	0.070
290283	2.30	0.017
290284	1.67	<0.005
290285	0.94	<0.005
290286	0.97	0.017
290287	2.11	<0.005
290288	1.90	<0.005
290289	2.65	<0.005
290290	1.98	<0.005
290291	0.98	<0.005
290292	1.34	<0.005
290293	0.71	<0.005
290294	1.18	0.007
*Blk BLANK	-	<0.005
*Rep 290272	-	<0.005
*Std OREAS221	-	1.058
*Std OREAS221	-	1.100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 10172020
Number of Samples	24

ANALYSIS REPORT YRL20-00458

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00498

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	22-Oct-2020
Submission Number	RED LAKE 10222020	Date Analysed	11-Feb-2020 - 03-Nov-2020
Number of Samples	131	Date Completed	03-Nov-2020
		SGS Order Number	YRL20-00498

Methods Summary

Number of Sample	Method Code	Description
129	G_WGH_KG	Weight of samples received
131	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10222020
Number of Samples	131

ANALYSIS REPORT YRL20-00498

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290295	2.47	<0.005
290296	2.66	<0.005
290297	2.57	<0.005
290298	2.86	<0.005
290299	2.52	<0.005
290300	0.06	5.317
290301	2.31	<0.005
290302	2.15	<0.005
290303	2.36	<0.005
290304	2.44	<0.005
290305	2.29	<0.005
290306	1.83	<0.005
290307	1.44	0.076
290308	1.40	<0.005
290309	2.24	<0.005
290310	2.42	<0.005
290311	2.47	0.023
290312	2.41	0.012
290313	1.81	0.014
290314	3.07	0.044
290315	2.56	0.029
290316	2.30	0.011
290317	2.36	0.019
290318	2.36	0.012
290319	2.78	<0.005
290320	0.23	0.009
290321	2.66	<0.005
290322	2.10	0.022
290323	2.46	<0.005
290324	2.79	0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 10222020
Number of Samples	131

ANALYSIS REPORT YRL20-00498

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290325	2.31	<0.005
290326	2.65	0.009
290327	2.50	0.005
290328	2.40	<0.005
290329	2.77	<0.005
290330	3.00	<0.005
290331	3.33	<0.005
290332	2.42	<0.005
290333	2.32	<0.005
290334	2.28	<0.005
290335	2.48	<0.005
290336	2.47	<0.005
290337	2.55	0.006
290338	2.69	<0.005
290339	2.34	<0.005
290340	-	<0.005
290341	3.45	<0.005
290342	2.43	<0.005
290343	3.80	<0.005
290344	2.05	<0.005
290345	1.37	0.012
290346	1.26	<0.005
290347	1.83	0.012
290348	1.63	0.016
290349	3.56	<0.005
290350	1.81	<0.005
290351	2.58	0.016
290352	1.52	0.010
290353	3.30	0.008
290354	2.48	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10222020
Number of Samples	131

ANALYSIS REPORT YRL20-00498

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290355	2.50	0.011
290356	2.35	0.021
290357	2.55	0.076
290358	2.10	0.180
290359	2.15	0.377
290360	0.06	2.424
290361	1.94	0.159
290362	2.31	0.377
290363	2.18	0.562
290364	2.08	0.055
290365	2.00	0.051
290366	2.53	0.359
290367	2.11	0.037
290368	2.50	0.040
290369	2.10	0.029
290370	2.37	0.016
290371	2.39	0.013
290372	2.32	0.014
290373	2.43	0.035
290374	2.19	0.028
290375	1.95	0.229
290376	1.58	0.011
290377	3.07	0.057
290378	2.59	0.190
290379	2.01	0.057
290380	0.22	0.011
290381	2.47	0.121
290382	2.39	0.175
290383	2.14	0.025
290384	2.21	0.097

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10222020
Number of Samples	131

ANALYSIS REPORT YRL20-00498

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290385	2.50	0.062
290386	2.19	0.213
290387	2.19	0.504
290388	2.25	0.734
290389	2.18	0.968
290390	2.10	0.417
290391	2.13	1.134
290392	2.16	1.024
290393	2.62	0.384
290394	2.84	0.014
290395	1.28	0.006
290396	2.40	0.009
290397	2.14	0.015
290398	2.25	<0.005
290399	2.20	<0.005
290400	-	<0.005
290401	2.32	0.009
290402	2.25	0.013
290403	2.26	<0.005
290404	2.26	<0.005
290405	2.25	<0.005
290406	2.29	0.007
290407	2.07	<0.005
290408	2.26	<0.005
290409	2.07	<0.005
290410	1.85	<0.005
290411	2.67	0.005
290412	2.45	<0.005
290413	1.83	0.016
290414	2.32	0.024

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10222020
Number of Samples	131

ANALYSIS REPORT YRL20-00498

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290415	2.33	0.010
290416	2.44	0.063
290417	2.17	<0.005
290418	3.44	<0.005
290419	3.30	<0.005
290420	0.06	0.554
290421	2.02	<0.005
290422	2.47	<0.005
290423	2.07	0.018
290424	2.10	<0.005
290425	2.23	<0.005
*Dup 290367	-	0.031
*Dup 290405	-	0.005
*Blk BLANK	-	<0.005
*Std OREAS221	-	1.079
*Rep 290317	-	0.026
*Rep 290343	-	0.007
*Std OXK160	-	4.076
*Blk BLANK	-	0.007
*Rep 290373	-	0.038
*Rep 290400	-	0.007
*Std OREAS221	-	1.067
*Std OREAS221	-	1.082
*Std OREAS221	-	1.067
*Std OXK160	-	3.940

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00540

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	27-Oct-2020
Submission Number	RED LAKE 10262020	Date Analysed	31-Oct-2020 - 10-Nov-2020
Number of Samples	80	Date Completed	12-Nov-2020
		SGS Order Number	YRL20-00540

Methods Summary

Number of Sample	Method Code	Description
79	G_WGH_KG	Weight of samples received
80	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10262020
Number of Samples	80

ANALYSIS REPORT YRL20-00540

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290426	1.24	0.007
290427	2.42	0.021
290428	2.89	0.180
290429	2.20	0.016
290430	2.07	0.068
290431	2.09	0.030
290432	1.97	0.038
290433	2.36	0.036
290434	2.19	0.075
290435	2.22	0.022
290436	2.18	0.051
290437	2.52	0.123
290438	2.17	0.078
290439	2.15	0.077
290440	0.13	0.008
290441	1.37	0.048
290442	2.29	0.134
290443	1.90	0.043
290444	2.97	0.029
290445	1.94	0.021
290446	2.19	0.019
290447	2.21	0.038
290448	2.15	0.044
290449	2.06	0.011
290450	2.27	0.031
290451	2.08	0.059
290452	2.07	0.088
290453	2.50	0.021
290454	1.97	0.007
290455	2.32	0.015

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10262020
Number of Samples	80

ANALYSIS REPORT YRL20-00540

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290456	2.27	0.012
290457	2.07	0.006
290458	2.02	0.012
290459	2.97	0.052
290460	-	0.052
290461	3.28	<0.005
290462	2.88	0.011
290463	2.10	0.012
290464	2.42	0.008
290465	2.31	0.009
290466	3.01	0.019
290467	2.43	0.028
290468	1.89	0.031
290469	2.38	0.019
290470	2.28	0.010
290471	2.51	<0.005
290472	1.87	0.023
290473	2.75	0.036
290474	2.96	0.043
290475	1.67	0.044
290476	3.28	0.160
290477	2.00	0.041
290478	2.53	0.041
290479	2.52	0.038
290480	0.06	0.006
290481	2.51	0.022
290482	2.50	0.529
290483	2.08	0.060
290484	2.55	0.762
290485	2.44	0.667

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10262020
Number of Samples	80

ANALYSIS REPORT YRL20-00540

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290486	3.09	2.100
290487	2.38	0.006
290488	2.67	0.663
290489	2.25	0.875
290490	3.55	0.032
290491	2.54	0.070
290492	3.03	0.064
290493	2.46	0.012
290494	1.82	0.038
290495	1.96	0.007
290496	2.15	0.014
290497	2.31	0.019
290498	1.76	0.016
290499	2.18	0.017
290500	0.79	0.016
290501	2.11	0.008
290502	1.90	<0.005
290503	2.23	0.009
290504	2.15	<0.005
290505	2.12	0.010
*Dup 290462	-	0.015
*Dup 290498	-	0.024
*Blk BLANK	-	<0.005
*Std OREAS221	-	1.118
*Std OREAS222	-	1.279
*Rep 290461	-	0.009
*Std OXK160	-	3.528
*Rep 290479	-	0.034
*Blk BLANK	-	<0.005
*Rep 290503	-	0.016

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10262020
Number of Samples	80

ANALYSIS REPORT YRL20-00540

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Std OREAS222	-	1.314

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00541

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	27-Oct-2020
Submission Number	RED LAKE 10262020	Date Analysed	31-Oct-2020 - 08-Nov-2020
Number of Samples	29	Date Completed	08-Nov-2020
		SGS Order Number	YRL20-00541

Methods Summary

Number of Sample	Method Code	Description
28	G_WGH_KG	Weight of samples received
29	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10262020
Number of Samples	29

ANALYSIS REPORT YRL20-00541

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290506	2.35	0.018
290507	2.13	0.018
290508	2.59	0.083
290509	2.85	0.019
290510	2.03	0.022
290511	2.27	0.020
290512	2.09	0.018
290513	2.22	0.008
290514	2.21	0.009
290515	2.43	0.019
290516	2.33	0.033
290517	1.94	0.026
290518	2.16	0.029
290519	2.05	0.013
290520	-	0.017
290521	2.29	0.007
290522	1.96	<0.005
290523	2.17	0.013
290524	3.66	0.008
290525	1.76	0.092
290526	1.75	0.129
290527	1.98	0.043
290528	1.57	0.098
290529	3.01	0.024
290530	1.73	<0.005
290531	2.45	<0.005
290532	2.30	<0.005
290533	2.29	<0.005
290534	2.58	<0.005
*Blk BLANK	-	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 10262020
Number of Samples	29

ANALYSIS REPORT YRL20-00541

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Std OREAS221	-	1.061
*Rep 290526	-	0.114
*Std OXK160	-	3.736

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00642

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	05-Nov-2020
Submission Number	RED LAKE 11022020	Date Analysed	05-Nov-2020 - 20-Nov-2020
Number of Samples	96	Date Completed	21-Nov-2020
		SGS Order Number	YRL20-00642

Methods Summary

Number of Sample	Method Code	Description
95	G_WGH_KG	Weight of samples received
96	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11022020
Number of Samples	96

ANALYSIS REPORT YRL20-00642

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290535	2.21	<0.005
290536	2.26	0.009
290537	2.36	<0.005
290538	2.31	0.047
290539	2.21	0.005
290540	0.07	5.406
290541	2.84	0.006
290542	2.18	0.006
290543	2.17	<0.005
290544	2.28	0.012
290545	2.31	<0.005
290546	2.25	0.006
290547	2.21	0.011
290548	2.38	0.006
290549	2.02	<0.005
290550	1.42	0.098
290551	1.28	0.045
290552	2.66	0.047
290553	2.34	0.031
290554	2.39	0.007
290555	2.00	0.017
290556	2.36	0.027
290557	2.18	0.074
290558	2.48	0.219
290559	2.30	0.012
290560	0.80	<0.005
290561	2.32	0.071
290562	2.35	<0.005
290563	2.55	0.014
290564	2.46	0.010

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11022020
Number of Samples	96

ANALYSIS REPORT YRL20-00642

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290565	2.23	0.176
290566	2.26	<0.005
290567	4.87	0.024
290568	2.60	0.018
290569	1.83	0.082
290570	1.78	0.095
290571	2.55	0.031
290572	2.25	0.094
290573	2.36	0.029
290574	2.48	0.044
290575	2.31	0.025
290576	1.87	0.006
290577	1.14	0.008
290578	1.65	0.010
290579	2.00	0.009
290580	-	<0.005
290581	2.49	0.016
290582	2.37	<0.005
290583	2.37	0.010
290584	2.05	0.006
290585	2.39	<0.005
290586	2.43	0.013
290587	2.37	0.010
290588	2.29	0.016
290589	2.42	0.018
290590	2.56	0.007
290591	2.50	0.014
290592	2.53	0.021
290593	2.45	0.045
290594	2.31	0.009

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11022020
Number of Samples	96

ANALYSIS REPORT YRL20-00642

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290595	2.78	0.005
290596	2.22	0.013
290597	2.47	0.019
290598	2.39	<0.005
290599	2.28	<0.005
290600	0.07	2.217
290601	2.48	0.010
290602	2.49	0.006
290603	2.77	0.010
290604	3.05	0.137
290605	2.03	0.066
290606	2.51	0.924
290607	3.15	0.090
290608	2.13	0.106
290609	2.18	0.080
290610	2.22	0.129
290611	2.48	0.015
290612	2.40	0.184
290613	2.42	0.020
290614	2.47	<0.005
290615	2.75	<0.005
290616	2.76	<0.005
290617	2.63	<0.005
290618	2.35	0.007
290619	2.39	0.012
290620	0.81	0.009
290621	2.41	<0.005
290622	2.07	<0.005
290623	2.36	0.008
290624	2.39	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11022020
Number of Samples	96

ANALYSIS REPORT YRL20-00642

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290625	2.50	<0.005
290626	2.24	0.023
290627	2.34	<0.005
290628	2.44	<0.005
290629	2.28	0.077
290630	2.16	<0.005
*Dup 290571	-	0.035
*Dup 290607	-	0.059
*Blk BLANK	-	0.009
*Rep 290535	-	0.009
*Std OREAS238	-	3.112
*Std OXK160	-	3.676
*Std OREAS219	-	0.727
*Rep 290598	-	0.007
*Blk BLANK	-	<0.005
*Rep 290619	-	0.013
*Std OXK160	-	3.771

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00643

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	05-Nov-2020
Submission Number	RED LAKE 11042020	Date Analysed	13-Nov-2020 - 23-Nov-2020
Number of Samples	73	Date Completed	23-Nov-2020
		SGS Order Number	YRL20-00643

Methods Summary

Number of Sample	Method Code	Description
71	G_WGH_KG	Weight of samples received
73	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	73

ANALYSIS REPORT YRL20-00643

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290631	2.30	0.006
290632	1.42	0.006
290633	2.90	<0.005
290634	2.18	<0.005
290635	2.23	<0.005
290636	1.97	<0.005
290637	2.60	<0.005
290638	2.20	<0.005
290639	3.01	<0.005
290640	-	0.008
290641	2.25	0.016
290642	2.04	0.013
290643	2.28	0.014
290644	2.26	0.026
290645	1.92	1.252
290646	1.87	0.009
290647	2.14	<0.005
290648	2.32	0.019
290649	2.89	0.013
290650	2.22	0.010
290651	2.16	<0.005
290652	2.45	<0.005
290653	2.25	<0.005
290654	2.21	<0.005
290655	2.38	<0.005
290656	2.23	<0.005
290657	2.24	<0.005
290658	2.70	0.006
290659	1.89	0.007
290660	0.07	5.266

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	73

ANALYSIS REPORT YRL20-00643

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290661	2.09	0.021
290662	2.25	0.006
290663	2.54	<0.005
290664	2.01	<0.005
290665	2.24	0.006
290666	1.67	0.010
290667	2.92	0.012
290668	2.01	0.005
290669	2.26	0.188
290670	1.68	<0.005
290671	2.26	0.006
290672	1.97	0.005
290673	2.09	0.093
290674	2.99	0.012
290675	2.22	0.078
290676	2.37	0.007
290677	2.34	<0.005
290678	2.19	0.030
290679	1.68	0.053
290680	0.89	<0.005
290681	2.47	0.018
290682	3.01	<0.005
290683	2.30	<0.005
290684	2.51	<0.005
290685	2.53	<0.005
290686	2.28	0.050
290687	2.32	0.011
290688	1.89	<0.005
290689	1.41	0.039
290690	1.83	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	73

ANALYSIS REPORT YRL20-00643

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290691	2.39	0.009
290692	2.45	<0.005
290693	2.37	0.048
290694	2.45	0.021
290695	2.28	0.018
290696	2.66	0.009
290697	2.50	0.013
290698	2.38	0.015
290699	2.53	0.005
290700	-	0.049
290701	2.83	0.007
290702	1.94	0.026
290703	1.49	0.244
*Dup 290667	-	0.005
*Dup 290703	-	0.299
*Blk BLANK	-	<0.005
*Std OREAS223	-	1.922
*Rep 290660	-	-
*Std CDN-GS-4H	-	5.216
*Rep 290677	-	<0.005

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00644

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	05-Nov-2020
Submission Number	RED LAKE 11042020	Date Analysed	13-Nov-2020 - 22-Nov-2020
Number of Samples	80	Date Completed	22-Nov-2020
		SGS Order Number	YRL20-00644

Methods Summary

Number of Sample	Method Code	Description
79	G_WGH_KG	Weight of samples received
80	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	80

ANALYSIS REPORT YRL20-00644

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290704	1.96	<0.005
290705	1.96	<0.005
290706	2.02	<0.005
290707	2.58	<0.005
290708	2.17	<0.005
290709	3.08	<0.005
290710	2.96	<0.005
290711	2.87	<0.005
290712	2.44	0.018
290713	2.41	<0.005
290714	2.23	<0.005
290715	2.36	0.016
290716	2.33	0.035
290717	2.94	0.007
290718	1.93	<0.005
290719	1.53	0.008
290720	0.07	1.847
290721	2.09	0.032
290722	2.18	0.036
290723	3.37	<0.005
290724	3.21	0.028
290725	3.23	0.013
290726	2.86	0.017
290727	2.91	0.014
290728	3.17	0.019
290729	1.23	0.011
290730	1.59	0.010
290731	2.57	0.009
290732	2.17	<0.005
290733	2.09	0.012

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	80

ANALYSIS REPORT YRL20-00644

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290734	2.32	0.006
290735	2.14	0.013
290736	2.06	0.007
290737	2.20	<0.005
290738	2.20	<0.005
290739	2.25	<0.005
290740	0.57	0.006
290741	1.84	<0.005
290742	1.87	0.006
290743	1.92	0.010
290744	3.66	0.006
290745	2.10	<0.005
290746	2.23	0.009
290747	2.29	<0.005
290748	2.16	<0.005
290749	2.21	<0.005
290750	2.45	<0.005
290751	2.13	<0.005
290752	2.25	0.009
290753	1.79	<0.005
290754	2.39	0.026
290755	2.12	<0.005
290756	2.30	0.009
290757	2.13	0.019
290758	2.15	0.011
290759	2.03	0.010
290760	-	0.006
290761	2.64	0.006
290762	1.76	0.009
290763	2.26	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	80

ANALYSIS REPORT YRL20-00644

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290764	3.09	0.009
290765	1.43	0.009
290766	2.07	0.006
290767	2.42	<0.005
290768	2.09	<0.005
290769	2.11	<0.005
290770	2.13	<0.005
290771	2.10	<0.005
290772	2.10	<0.005
290773	2.11	<0.005
290774	2.07	<0.005
290775	3.49	<0.005
290776	3.10	<0.005
290777	2.21	0.007
290778	2.17	0.015
290779	2.28	<0.005
290780	0.07	2.121
290781	2.06	<0.005
290782	2.39	0.005
290783	2.15	0.006
*Dup 290739	-	0.007
*Dup 290776	-	<0.005
*Blk BLANK	-	<0.005
*Std OREAS256	-	7.935
*Std OXK160	-	3.760
*Std OREAS222	-	1.286
*Rep 290726	-	0.009
*Rep 290776	-	<0.005
*Blk BLANK	-	<0.005
*Rep 290780	-	1.962

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11042020
Number of Samples	80

ANALYSIS REPORT YRL20-00644

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Std OXK160	-	3.704

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00684

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-046_A	Date Received	08-Nov-2020
Project	Red Lake	Date Analysed	14-Nov-2020 - 28-Nov-2020
Submission Number	RED LAKE 11082020	Date Completed	28-Nov-2020
Number of Samples	81	SGS Order Number	YRL20-00684

Methods Summary

Number of Sample	Method Code	Description
80	G_WGH_KG	Weight of samples received
81	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-046_A
Project	Red Lake
Submission Number	RED LAKE 11082020
Number of Samples	81

ANALYSIS REPORT YRL20-00684

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
290784	2.16	0.021
290785	2.04	0.023
290786	2.15	<0.010
290787	2.06	0.016
290788	2.33	<0.010
290789	2.22	0.015
290790	2.28	0.026
290791	2.36	0.012
290792	2.27	<0.010
290793	2.49	0.011
290794	1.82	0.013
290795	1.96	0.014
290796	1.54	0.019
290797	2.77	0.014
290798	1.61	<0.010
290799	1.86	0.014
290800	0.80	0.010
290801	2.15	0.031
290802	1.56	<0.010
290803	2.92	0.018
290804	2.13	0.013
290805	2.08	0.014
290806	2.18	0.012
290807	2.01	<0.010
290808	2.39	0.021
290809	2.28	0.023
290810	2.16	0.013
290811	2.46	0.012
290812	2.37	0.014
290813	2.31	0.019

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-046_A
Project	Red Lake
Submission Number	RED LAKE 11082020
Number of Samples	81

ANALYSIS REPORT YRL20-00684

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
290814	2.29	<0.010
290815	2.24	<0.010
290816	2.39	<0.010
290817	2.89	<0.010
290818	1.72	0.017
290819	1.73	<0.010
290820	-	<0.010
290821	1.82	<0.010
290822	2.86	<0.010
290823	2.30	<0.010
290824	2.29	<0.010
290825	2.26	<0.010
290826	2.34	0.010
290827	2.38	0.014
290828	2.26	0.014
290829	2.26	<0.010
290830	2.22	0.016
290831	2.27	0.013
290832	2.27	<0.010
290833	2.59	0.016
290834	2.31	<0.010
290835	2.13	<0.010
290836	2.28	0.014
290837	2.39	<0.010
290838	2.34	<0.010
290839	2.24	<0.010
290840	0.07	<0.010
290841	2.38	<0.010
290842	2.58	<0.010
290843	3.12	0.016

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-046_A
Project	Red Lake
Submission Number	RED LAKE 11082020
Number of Samples	81

ANALYSIS REPORT YRL20-00684

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
290844	1.67	0.043
290845	1.31	<0.010
290846	2.10	<0.010
290847	2.37	<0.010
290848	2.27	<0.010
290849	2.26	<0.010
290850	2.21	<0.010
290851	2.53	<0.010
290852	2.22	<0.010
290853	2.47	<0.010
290854	2.14	0.016
290855	2.32	<0.010
290856	2.29	<0.010
290857	1.19	<0.010
290858	2.16	<0.010
290859	2.45	<0.010
290860	0.86	<0.010
290861	2.35	<0.010
290862	0.59	<0.010
290863	0.59	<0.010
290864	0.70	0.016
*Blk BLANK	-	<0.010
*Rep 290864	-	<0.010
*Std OXK160	-	3.775
*Blk BLANK	-	<0.010
*Rep 290794	-	0.021
*Std OREAS223	-	1.855
*Std OREAS222	-	1.197
*Rep 290834	-	0.010
*Std OXK160	-	3.803

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-046_A
Project	Red Lake
Submission Number	RED LAKE 11082020
Number of Samples	81

ANALYSIS REPORT YRL20-00684

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00703

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	12-Nov-2020
Submission Number	RED LAKE 11122020	Date Analysed	19-Nov-2020 - 02-Dec-2020
Number of Samples	71	Date Completed	02-Dec-2020
		SGS Order Number	YRL20-00703

Methods Summary

Number of Sample	Method Code	Description
71	G_WGH_KG	Weight of samples received
71	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	71

ANALYSIS REPORT YRL20-00703

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290865	1.05	0.012
290866	1.29	<0.005
290868	1.47	0.011
290867	1.05	<0.005
290869	0.72	<0.005
290870	1.04	0.012
290871	1.06	0.008
290872	0.56	0.010
290873	0.88	0.018
290874	1.15	0.013
290875	0.86	<0.005
290876	0.99	0.005
290877	0.84	0.007
290878	1.27	0.009
290879	0.80	<0.005
290880	0.80	0.008
290881	1.35	0.013
290882	1.19	<0.005
290883	1.02	<0.005
290884	1.61	<0.005
290885	1.96	0.012
290886	2.08	<0.005
290887	2.24	0.011
290888	2.28	0.011
290889	2.30	<0.005
290890	0.99	0.010
290891	1.56	0.021
290892	1.20	<0.005
290893	0.98	<0.005
290894	1.06	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	71

ANALYSIS REPORT YRL20-00703

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290895	1.11	<0.005
290896	1.16	0.007
290897	1.06	0.015
290898	1.10	0.007
290899	1.35	<0.005
290900	0.06	0.539
290901	2.97	<0.005
290902	1.03	<0.005
290903	0.87	<0.005
290904	1.80	<0.005
290905	0.76	<0.005
290906	2.28	<0.005
290907	2.10	<0.005
290908	2.13	0.009
290909	1.22	<0.005
290910	1.43	<0.005
290911	1.61	0.015
290912	2.70	0.011
290914	1.30	<0.005
290915	0.92	<0.005
290913	2.29	<0.005
290916	1.29	<0.005
290917	1.69	0.006
290918	1.79	0.019
290919	1.54	<0.005
290920	0.53	<0.005
290921	2.47	<0.005
290922	2.40	0.010
290923	0.97	<0.005
290924	1.44	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	71

ANALYSIS REPORT YRL20-00703

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290925	0.86	<0.005
290926	1.04	0.008
290927	1.21	<0.005
290928	2.26	<0.005
290929	2.30	<0.005
290930	2.28	<0.005
290931	2.29	<0.005
290932	2.23	0.011
290933	2.22	0.017
290934	2.18	0.006
290935	2.33	<0.005
*Dup 290904	2.33	<0.005
*Blk BLANK	-	<0.005
*Std OREAS238	-	2.790
*Std OREAS223	-	1.935
*Rep 290912	-	<0.005
*Std OREAS238	-	2.799

SGS Canada Minerals Redlake conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00703

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	12-Nov-2020
Submission Number	RED LAKE 11122020	Date Analysed	19-Nov-2020 - 02-Dec-2020
Number of Samples	71	Date Completed	02-Dec-2020
		SGS Order Number	YRL20-00703

Methods Summary

Number of Sample	Method Code	Description
71	G_WGH_KG	Weight of samples received
71	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	71

ANALYSIS REPORT YRL20-00703

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290865	1.05	0.012
290866	1.29	<0.005
290868	1.47	0.011
290867	1.05	<0.005
290869	0.72	<0.005
290870	1.04	0.012
290871	1.06	0.008
290872	0.56	0.010
290873	0.88	0.018
290874	1.15	0.013
290875	0.86	<0.005
290876	0.99	0.005
290877	0.84	0.007
290878	1.27	0.009
290879	0.80	<0.005
290880	0.80	0.008
290881	1.35	0.013
290882	1.19	<0.005
290883	1.02	<0.005
290884	1.61	<0.005
290885	1.96	0.012
290886	2.08	<0.005
290887	2.24	0.011
290888	2.28	0.011
290889	2.30	<0.005
290890	0.99	0.010
290891	1.56	0.021
290892	1.20	<0.005
290893	0.98	<0.005
290894	1.06	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	71

ANALYSIS REPORT YRL20-00703

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290895	1.11	<0.005
290896	1.16	0.007
290897	1.06	0.015
290898	1.10	0.007
290899	1.35	<0.005
290900	0.06	0.539
290901	2.97	<0.005
290902	1.03	<0.005
290903	0.87	<0.005
290904	1.80	<0.005
290905	0.76	<0.005
290906	2.28	<0.005
290907	2.10	<0.005
290908	2.13	0.009
290909	1.22	<0.005
290910	1.43	<0.005
290911	1.61	0.015
290912	2.70	0.011
290914	1.30	<0.005
290915	0.92	<0.005
290913	2.29	<0.005
290916	1.29	<0.005
290917	1.69	0.006
290918	1.79	0.019
290919	1.54	<0.005
290920	0.53	<0.005
290921	2.47	<0.005
290922	2.40	0.010
290923	0.97	<0.005
290924	1.44	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	71

ANALYSIS REPORT YRL20-00703

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290925	0.86	<0.005
290926	1.04	0.008
290927	1.21	<0.005
290928	2.26	<0.005
290929	2.30	<0.005
290930	2.28	<0.005
290931	2.29	<0.005
290932	2.23	0.011
290933	2.22	0.017
290934	2.18	0.006
290935	2.33	<0.005
*Dup 290904	2.33	<0.005
*Blk BLANK	-	<0.005
*Std OREAS238	-	2.790
*Std OREAS223	-	1.935
*Rep 290912	-	<0.005
*Std OREAS238	-	2.799

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00704

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	12-Nov-2020
Submission Number	RED LAKE 11122020	Date Analysed	19-Nov-2020 - 30-Nov-2020
Number of Samples	72	Date Completed	30-Nov-2020
		SGS Order Number	YRL20-00704

Methods Summary

Number of Sample	Method Code	Description
72	G_WGH_KG	Weight of samples received
72	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	72

ANALYSIS REPORT YRL20-00704

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290936	2.30	<0.005
290937	2.27	<0.005
290938	2.17	<0.005
290939	2.53	0.006
290940	-	<0.005
290941	2.31	0.013
290942	2.09	<0.005
290943	2.12	<0.005
290944	1.23	0.005
290945	0.88	<0.005
290946	2.10	<0.005
290947	2.20	<0.005
290948	2.10	<0.005
290949	1.12	0.023
290950	1.02	<0.005
290951	1.93	<0.005
290952	2.04	<0.005
290953	2.09	0.008
290954	1.96	0.005
290955	2.07	<0.005
290956	2.11	<0.005
290957	2.38	<0.005
290958	2.10	<0.005
290959	2.12	<0.005
290960	0.06	0.558
290961	2.22	0.039
290963	2.15	0.006
290962	2.21	0.042
290964	2.21	<0.005
290965	2.19	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	72

ANALYSIS REPORT YRL20-00704

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290966	2.12	<0.005
290967	2.18	<0.005
290968	2.14	<0.005
290969	2.05	<0.005
290970	2.42	<0.005
290971	1.73	<0.005
290972	0.64	<0.005
290973	0.67	0.019
290974	1.26	<0.005
290975	1.40	0.039
290976	1.25	0.010
290977	2.00	0.028
290978	2.07	0.074
290979	1.82	0.058
290980	0.42	<0.005
290981	0.70	<0.005
290982	2.38	0.018
290983	2.46	0.034
290984	2.16	0.045
290985	2.43	0.017
290986	1.26	0.017
290987	0.97	0.013
290988	0.83	0.011
290989	0.67	<0.005
290990	1.46	<0.005
290991	1.47	<0.005
290992	0.76	<0.005
290993	1.17	<0.005
290994	2.18	<0.005
290995	1.51	0.048

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11122020
Number of Samples	72

ANALYSIS REPORT YRL20-00704

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
290996	0.94	<0.005
290997	0.68	<0.005
290998	1.13	0.009
290999	2.36	<0.005
291000	-	<0.005
291001	2.21	<0.005
291002	0.63	<0.005
291003	1.68	0.013
291004	2.56	0.013
291005	2.56	0.005
291006	2.36	0.005
291007	0.53	<0.005
*Dup 290974	-	<0.005
*Blk BLANK	-	<0.005
*Rep 290953	-	<0.005
*Rep 290959	-	<0.005
*Std OREAS223	-	1.692
*Std OXK160	-	3.695
*Std OREAS223	-	1.678

SGS Canada Minerals Redlake conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00748

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	17-Nov-2020
Submission Number	RED LAKE 11172020	Date Analysed	21-Nov-2020 - 08-Dec-2020
Number of Samples	99	Date Completed	08-Dec-2020
		SGS Order Number	YRL20-00748

Methods Summary

Number of Sample	Method Code	Description
99	G_WGH_KG	Weight of samples received
99	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	99

ANALYSIS REPORT YRL20-00748

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
291008	2.23	<0.010
291009	2.44	<0.010
291010	1.10	<0.010
291011	2.26	<0.010
291012	2.22	<0.010
291013	2.14	<0.010
291014	2.09	<0.010
291015	1.79	<0.010
291016	1.63	0.010
291017	2.16	0.014
291018	1.27	0.013
291019	1.57	<0.010
291020	0.07	0.593
291021	2.12	0.019
291022	2.09	<0.010
291023	1.43	<0.010
291024	2.17	<0.010
291025	2.10	<0.010
291026	2.18	<0.010
291027	2.40	<0.010
291028	2.25	<0.010
291029	2.05	0.011
291030	2.28	0.011
291031	2.20	<0.010
291032	2.22	<0.010
291033	2.13	<0.010
291034	2.27	<0.010
291035	2.30	<0.010
291036	2.18	0.011
291037	2.19	0.012

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	99

ANALYSIS REPORT YRL20-00748

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
291038	1.77	<0.010
291039	1.62	<0.010
291040	0.46	<0.010
291041	2.37	0.012
291042	2.14	0.016
291043	2.27	<0.010
291044	2.13	0.010
291045	2.33	0.014
291046	2.18	<0.010
291047	2.07	<0.010
291048	1.76	<0.010
291049	2.18	0.018
291050	2.06	0.012
291051	2.58	<0.010
291052	2.13	0.011
291053	2.26	0.014
291054	3.00	<0.010
291055	2.32	0.034
291056	3.19	0.013
291057	2.21	<0.010
291058	1.99	<0.010
291059	2.63	<0.010
291060	-	<0.010
291061	2.28	<0.010
291062	2.47	<0.010
291063	2.66	<0.010
291064	2.21	<0.010
291065	2.38	<0.010
291066	2.38	<0.010
291067	2.34	<0.010

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	99

ANALYSIS REPORT YRL20-00748

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
291068	2.44	<0.010
291069	2.27	<0.010
291070	2.56	<0.010
291071	2.23	<0.010
291072	2.36	<0.010
291073	2.33	<0.010
291074	2.27	<0.010
291075	2.53	0.015
291076	2.40	<0.010
291077	2.25	0.032
291078	3.52	<0.010
291079	2.10	<0.010
291080	0.06	4.874
291081	1.62	0.015
291082	1.94	<0.010
291083	2.38	0.023
291084	2.26	<0.010
291085	2.45	<0.010
291086	2.34	<0.010
291087	2.18	<0.010
291088	2.24	<0.010
291089	2.43	<0.010
291090	2.24	<0.010
291091	2.41	<0.010
291092	2.53	<0.010
291093	2.18	<0.010
291094	2.23	<0.010
291095	2.11	<0.010
291096	2.22	0.011
291097	2.20	<0.010

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	99

ANALYSIS REPORT YRL20-00748

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.01
Upper Limit	--	100
Unit	kg	ppm m / m
291098	2.40	<0.010
291099	2.30	<0.010
291100	0.50	<0.010
291101	2.20	<0.010
291102	2.26	0.020
291103	2.27	0.016
291104	2.28	0.059
291105	2.13	0.013
291106	2.31	<0.010
*Blk BLANK	-	<0.010
*Rep 291009	-	<0.010
*Rep 291066	-	<0.010
*Std OREAS223	-	1.769
*Std OXK160	-	3.695
*Std OREAS256	-	7.653
*Blk BLANK	-	<0.010
*Rep 291097	-	0.012
*Std OREAS223	-	1.741

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00780

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	17-Nov-2020
Submission Number	RED LAKE 11172020	Date Analysed	21-Nov-2020 - 08-Dec-2020
Number of Samples	75	Date Completed	08-Dec-2020
		SGS Order Number	YRL20-00780

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	75

ANALYSIS REPORT YRL20-00780

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291107	2.35	<0.005
291108	2.18	0.019
291109	2.25	0.032
291110	2.32	0.007
291111	2.19	0.011
291112	2.24	0.008
291113	2.27	0.016
291114	2.25	0.039
291115	2.24	0.009
291116	2.22	0.058
291117	2.31	<0.005
291118	1.62	0.013
291119	1.22	0.048
291120	-	0.059
291121	1.65	<0.005
291122	2.23	0.006
291123	3.30	<0.005
291124	2.20	<0.005
291125	1.90	0.012
291126	2.38	<0.005
291127	2.38	0.010
291128	1.92	0.010
291129	2.22	<0.005
291130	2.25	0.015
291131	2.30	0.006
291132	2.26	0.011
291133	2.29	0.012
291134	2.24	0.023
291135	2.61	0.007
291136	2.25	0.009

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	75

ANALYSIS REPORT YRL20-00780

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291137	2.81	<0.005
291138	3.20	0.013
291139	1.74	<0.005
291140	0.06	4.137
291141	1.56	0.008
291142	2.26	<0.005
291143	2.25	0.006
291144	3.40	<0.005
291145	2.37	0.010
291146	2.37	0.008
291147	2.11	0.006
291148	2.36	<0.005
291149	2.09	0.008
291150	2.09	0.011
291151	2.23	<0.005
291152	2.39	<0.005
291153	2.86	<0.005
291154	2.23	<0.005
291155	2.21	0.006
291156	2.20	0.009
291157	2.24	0.006
291158	2.27	0.011
291159	2.22	0.008
291160	0.81	0.014
291161	2.12	0.029
291162	2.14	0.008
291163	2.46	0.010
291164	2.16	0.019
291165	2.10	0.012
291166	2.33	0.009

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11172020
Number of Samples	75

ANALYSIS REPORT YRL20-00780

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291167	2.55	0.046
291168	2.22	0.025
291169	2.45	0.076
291170	2.42	0.055
291171	2.59	0.064
291172	3.40	0.019
291173	2.46	0.016
291174	2.25	0.016
291175	2.29	0.017
291176	1.33	0.006
291177	2.26	<0.005
291178	2.28	<0.005
291179	2.34	<0.005
291180	-	<0.005
291181	2.27	<0.005
*Dup 291145	2.37	0.011
*Blk BLANK	-	0.010
*Std OXK160	-	3.402
*Std OXK160	-	3.447
*Rep 291142	-	0.007
*Std OXK160	-	3.631

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00836

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	26-Nov-2020
Submission Number	RED LAKE 11262020	Date Analysed	30-Nov-2020 - 10-Dec-2020
Number of Samples	74	Date Completed	11-Dec-2020
		SGS Order Number	YRL20-00836

Methods Summary

Number of Sample	Method Code	Description
74	G_WGH_KG	Weight of samples received
74	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11262020
Number of Samples	74

ANALYSIS REPORT YRL20-00836

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291182	2.35	0.006
291183	2.41	0.006
291184	2.35	<0.005
291185	2.28	<0.005
291186	2.33	<0.005
291187	2.34	0.011
291188	2.15	<0.005
291189	2.45	<0.005
291190	2.28	<0.005
291191	2.03	0.007
291192	2.37	0.010
291193	2.51	0.010
291194	2.15	0.010
291195	2.19	0.011
291196	2.22	0.017
291197	1.16	0.007
291198	2.13	<0.005
291199	2.34	<0.005
291200	0.06	2.127
291201	1.22	0.014
291202	1.05	0.011
291203	1.10	0.014
291204	3.39	0.007
291205	1.40	0.020
291206	1.35	0.014
291207	2.36	0.012
291208	2.28	0.011
291209	2.27	0.006
291210	2.14	0.009
291211	2.21	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 11262020
Number of Samples	74

ANALYSIS REPORT YRL20-00836

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291212	2.35	0.008
291213	2.21	<0.005
291214	2.25	0.008
291215	2.12	0.006
291216	2.28	0.008
291217	2.08	0.013
291218	1.09	0.015
291219	2.24	<0.005
291220	0.80	<0.005
291221	2.19	<0.005
291222	1.69	0.007
291223	1.07	<0.005
291224	1.14	<0.005
291225	3.46	0.008
291226	0.94	0.014
291227	1.26	0.007
291228	1.08	<0.005
291229	1.17	<0.005
291230	1.12	0.006
291231	2.27	0.013
291232	2.19	0.018
291233	1.09	0.009
291234	1.07	0.019
291235	1.15	0.018
291236	1.04	0.015
291237	0.94	0.008
291238	1.08	0.008
291239	1.09	0.016
291240	-	0.015
291241	1.06	0.009

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11262020
Number of Samples	74

ANALYSIS REPORT YRL20-00836

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291242	1.00	<0.005
291243	2.28	<0.005
291244	2.16	<0.005
291245	2.06	<0.005
291246	2.44	<0.005
291247	1.82	<0.005
291248	2.26	<0.005
291249	2.15	<0.005
291250	2.25	<0.005
291251	2.22	<0.005
291252	2.20	0.008
291253	2.15	0.012
291254	2.30	<0.005
291255	1.97	<0.005
*Dup 291221	2.19	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.651
*Rep 291222	-	0.007
*Std OXF142	-	0.793
*Std OREAS223	-	1.629
*Rep 291230	-	0.008

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00837

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	26-Nov-2020
Submission Number	RED LAKE 11262020	Date Analysed	30-Nov-2020 - 15-Dec-2020
Number of Samples	69	Date Completed	16-Dec-2020
		SGS Order Number	YRL20-00837

Methods Summary

Number of Sample	Method Code	Description
69	G_WGH_KG	Weight of samples received
69	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11262020
Number of Samples	69

ANALYSIS REPORT YRL20-00837

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291256	2.25	0.009
291257	1.94	0.009
291258	2.22	0.014
291259	3.52	0.010
291260	-	4.891
291261	1.06	0.014
291262	2.26	0.018
291263	2.34	0.013
291264	2.09	0.007
291265	2.14	<0.005
291266	2.03	0.012
291267	1.90	<0.005
291268	2.24	<0.005
291269	2.02	<0.005
291270	2.64	<0.005
291271	2.70	<0.005
291272	1.60	<0.005
291273	2.20	<0.005
291274	2.26	<0.005
291275	2.22	<0.005
291276	1.46	<0.005
291277	2.74	<0.005
291278	3.49	<0.005
291279	1.26	<0.005
291280	0.89	0.009
291281	2.13	<0.005
291282	2.21	<0.005
291283	2.26	<0.005
291284	2.16	<0.005
291285	2.14	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11262020
Number of Samples	69

ANALYSIS REPORT YRL20-00837

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291286	2.19	<0.005
291287	1.08	<0.005
291288	1.95	<0.005
291289	1.16	<0.005
291290	2.03	<0.005
291291	2.02	<0.005
291292	2.82	0.085
291293	2.16	<0.005
291294	2.42	0.027
291295	2.11	<0.005
291296	2.12	<0.005
291297	2.06	<0.005
291298	2.23	<0.005
291299	2.61	<0.005
291300	-	<0.005
291301	1.22	<0.005
291302	3.03	<0.005
291303	2.24	0.010
291304	2.31	0.008
291305	2.45	0.006
291306	2.33	0.017
291307	2.36	<0.005
291308	2.00	0.006
291309	2.15	<0.005
291310	1.96	<0.005
291311	2.47	<0.005
291312	2.28	<0.005
291313	2.16	<0.005
291314	2.35	<0.005
291315	2.31	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 11262020
Number of Samples	69

ANALYSIS REPORT YRL20-00837

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291316	2.63	<0.005
291317	1.76	0.015
291318	2.29	0.009
291319	2.76	<0.005
291320	-	0.614
291321	1.54	<0.005
291322	2.38	<0.005
291323	1.98	0.007
291324	2.06	<0.005
*Dup 291294	2.42	0.020
*Blk BLANK	-	0.008
*Std OREAS223	-	1.797
*Std OREAS223	-	1.609
*Rep 291306	-	0.007
*Rep 291312	-	<0.005
*Std OXF142	-	0.830

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00923

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	08-Dec-2020
Project	Red Lake	Date Analysed	09-Dec-2020 - 29-Dec-2020
Submission Number	RED LAKE 12082020	Date Completed	29-Dec-2020
Number of Samples	75	SGS Order Number	YRL20-00923

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12082020
Number of Samples	75

ANALYSIS REPORT YRL20-00923

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291325	2.16	0.011
291326	2.11	0.014
291327	2.28	<0.005
291328	2.21	0.009
291329	2.28	0.013
291330	2.18	0.011
291331	2.33	<0.005
291332	2.24	<0.005
291333	2.14	0.007
291334	2.19	0.005
291335	2.24	<0.005
291336	2.00	<0.005
291337	2.13	0.015
291338	2.07	0.005
291339	1.88	<0.005
291340	1.04	<0.005
291341	2.00	0.010
291342	2.28	0.008
291343	2.56	0.005
291344	2.30	0.008
291345	2.12	0.010
291346	2.19	0.005
291347	2.21	<0.005
291348	2.28	<0.005
291349	1.95	0.061
291350	2.29	0.009
291351	2.55	<0.005
291352	2.30	<0.005
291353	2.18	<0.005
291354	2.10	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12082020
Number of Samples	75

ANALYSIS REPORT YRL20-00923

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291355	1.47	<0.005
291356	1.96	<0.005
291357	2.30	0.008
291358	2.18	<0.005
291359	2.01	<0.005
291360	-	<0.005
291361	2.10	<0.005
291362	2.50	0.008
291363	2.13	<0.005
291364	2.09	0.013
291365	2.04	<0.005
291366	2.09	0.020
291367	1.98	0.006
291368	1.88	0.008
291369	1.94	0.005
291370	2.04	0.013
291371	2.22	<0.005
291372	2.23	<0.005
291373	2.13	<0.005
291374	2.17	<0.005
291375	2.16	<0.005
291376	2.22	0.007
291377	2.01	0.006
291378	1.64	0.010
291379	2.69	0.010
291380	0.05	5.352
291381	1.94	0.016
291382	2.96	0.014
291383	3.08	0.009
291384	3.46	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12082020
Number of Samples	75

ANALYSIS REPORT YRL20-00923

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291385	1.84	0.019
291386	2.05	<0.005
291387	1.70	<0.005
291388	2.49	0.010
291389	2.14	0.008
291390	2.00	0.011
291391	2.39	0.007
291392	2.12	0.007
291393	1.81	<0.005
291394	1.54	<0.005
291395	2.28	<0.005
291396	1.91	<0.005
291397	1.55	<0.005
291398	1.96	0.007
291399	1.57	<0.005
*Dup 291363	2.13	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.701
*Std OXF142	-	0.845
*Rep 291368	-	<0.005
*Std OXF142	-	0.812
*Rep 291395	-	0.006

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00924

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	08-Dec-2020
Project	Red Lake	Date Analysed	09-Dec-2020 - 29-Dec-2020
Submission Number	RED LAKE 12082020	Date Completed	29-Dec-2020
Number of Samples	75	SGS Order Number	YRL20-00924

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12082020
Number of Samples	75

ANALYSIS REPORT YRL20-00924

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291400	0.91	<0.005
291401	2.29	<0.005
291402	2.08	<0.005
291403	2.60	<0.005
291404	2.37	<0.005
291405	2.33	<0.005
291406	2.10	<0.005
291407	2.22	<0.005
291408	2.03	<0.005
291409	2.59	<0.005
291410	2.12	<0.005
291411	1.28	0.030
291412	2.60	<0.005
291413	2.30	<0.005
291414	2.63	<0.005
291415	2.20	<0.005
291416	2.10	0.008
291417	2.17	<0.005
291418	2.09	<0.005
291419	2.34	<0.005
291420	-	0.011
291421	2.96	<0.005
291422	2.35	<0.005
291423	2.47	<0.005
291424	2.20	0.006
291425	2.16	<0.005
291426	3.13	<0.005
291427	1.53	<0.005
291428	2.16	<0.005
291429	1.31	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12082020
Number of Samples	75

ANALYSIS REPORT YRL20-00924

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291430	2.67	<0.005
291431	2.44	<0.005
291432	1.15	0.012
291433	2.15	<0.005
291434	3.24	0.005
291435	3.52	0.010
291436	1.87	0.008
291437	2.05	<0.005
291438	2.30	<0.005
291439	2.41	<0.005
291440	0.06	0.546
291441	2.34	<0.005
291442	2.20	<0.005
291443	2.38	<0.005
291444	1.57	0.011
291445	1.86	<0.005
291446	4.09	0.009
291447	1.85	<0.005
291448	2.40	0.011
291449	2.62	0.006
291450	2.50	<0.005
291451	2.14	<0.005
291452	2.21	<0.005
291453	2.33	<0.005
291454	2.23	0.009
291455	2.40	<0.005
291456	1.95	<0.005
291457	2.63	0.005
291458	2.36	<0.005
291459	2.61	0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12082020
Number of Samples	75

ANALYSIS REPORT YRL20-00924

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291460	0.59	<0.005
291461	1.61	<0.005
291462	2.94	0.007
291463	1.60	<0.005
291464	2.89	<0.005
291465	2.21	<0.005
291466	2.36	<0.005
291467	2.11	<0.005
291468	3.14	<0.005
291469	3.15	<0.005
291470	2.17	<0.005
291471	1.92	<0.005
291472	2.09	<0.005
291473	2.13	0.006
291474	2.46	0.008
*Dup 291438	2.30	<0.005
*Blk BLANK	-	<0.005
*Rep 291403	-	<0.005
*Std OREAS223	-	1.842
*Std OXF142	-	0.818
*Rep 291433	-	<0.005
*Std OXF142	-	0.781

SGS Canada Minerals Redlake conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-00931

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	08-Dec-2020
Submission Number	Repeat Request	Date Analysed	19-Dec-2020
Number of Samples	121	Date Completed	19-Dec-2020
		SGS Order Number	YRL20-00931

Methods Summary

Number of Sample	Method Code	Description
121	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	Repeat Request
Number of Samples	121

ANALYSIS REPORT YRL20-00931

Element	@Au
Method	GE_FAA30V5
Lower Limit	0.005
Upper Limit	10
Unit	ppm m / m
325270	0.059
325271	<0.005
325272	0.016
325273	0.024
325274	0.027
325275	<0.005
325276	0.012
325277	0.057
325278	0.021
325279	0.066
325280	0.313
325281	0.020
325282	0.089
325283	0.028
325284	0.019
325285	0.027
325286	0.011
325287	0.020
325288	0.130
325289	0.038
325290	0.053
290321	<0.005
290322	0.012
290323	<0.005
290324	<0.005
290325	<0.005
290326	<0.005
290327	0.007
290328	0.005
290329	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	Repeat Request
Number of Samples	121

ANALYSIS REPORT YRL20-00931

Element	@Au
Method	GE_FAA30V5
Lower Limit	0.005
Upper Limit	10
Unit	ppm m / m
290330	<0.005
290331	<0.005
290332	<0.005
290333	<0.005
290334	<0.005
290335	0.023
290336	<0.005
290337	<0.005
290338	<0.005
290339	<0.005
290340	<0.005
290341	<0.005
290342	0.035
290343	<0.005
290344	<0.005
290345	<0.005
290346	<0.005
290347	<0.005
290348	0.010
290349	<0.005
290350	<0.005
290351	0.006
290352	<0.005
290353	<0.005
290354	<0.005
290355	0.006
290356	0.007
290357	0.078
290358	0.181
290359	0.407

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	Repeat Request
Number of Samples	121

ANALYSIS REPORT YRL20-00931

Element	@Au
Method	GE_FAA30V5
Lower Limit	0.005
Upper Limit	10
Unit	ppm m / m
290360	2.054
290361	0.190
290362	0.430
290363	0.502
290364	0.080
290365	0.076
290366	0.379
290367	0.041
290368	0.026
290369	0.059
290370	<0.005
290371	0.008
290372	0.024
290373	0.040
290374	0.024
290375	0.305
290376	0.006
290377	0.068
290378	0.165
290379	0.041
290380	<0.005
290381	0.089
290382	0.182
290383	0.011
290384	0.075
290385	0.033
290386	0.189
290387	0.431
290388	0.742
290389	0.874

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	Repeat Request
Number of Samples	121

ANALYSIS REPORT YRL20-00931

Element	@Au
Method	GE_FAA30V5
Lower Limit	0.005
Upper Limit	10
Unit	ppm m / m
290390	0.398
290391	1.125
290392	1.092
290393	0.481
290394	0.018
290395	0.005
290396	<0.005
290397	<0.005
290398	<0.005
290399	0.005
290490	0.019
290491	0.080
290492	0.053
290493	<0.005
290494	0.015
290495	<0.005
290496	<0.005
290497	<0.005
290498	<0.005
290499	0.007
290500	<0.005
290501	0.013
290502	<0.005
290503	<0.005
290504	<0.005
290505	0.005
290506	0.008
290507	0.015
290508	0.078
290509	0.023

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	Repeat Request
Number of Samples	121

ANALYSIS REPORT YRL20-00931

Element	@Au
Method	GE_FAA30V5
Lower Limit	0.005
Upper Limit	10
Unit	ppm m / m
290510	0.013
*Blk BLANK	<0.005
*Rep 290334	<0.005
*Std OXK160	3.902
*Std OXF142	0.838
*Rep 290363	0.467
*Std OREAS223	1.902
*Blk BLANK	<0.005
*Std OXK160	3.741
*Rep 290398	<0.005
*Std OXF142	0.836
*Rep 290506	0.010

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00974

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	13-Dec-2020
Submission Number	RED LAKE 12132020	Date Analysed	15-Dec-2020 - 31-Dec-2020
Number of Samples	55	Date Completed	01-Jan-2021
		SGS Order Number	YRL20-00974

Methods Summary

Number of Sample	Method Code	Description
55	G_WGH_KG	Weight of samples received
55	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 12132020
Number of Samples	55

ANALYSIS REPORT YRL20-00974

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291495	4.00	0.019
291496	2.82	0.021
291497	2.20	0.017
291498	3.37	<0.005
291499	2.92	0.008
291500	0.06	4.681
291501	2.23	0.011
291502	2.09	0.037
291503	1.09	<0.005
291504	1.04	<0.005
291505	0.99	<0.005
291506	1.09	<0.005
291507	1.05	0.009
291508	1.14	0.006
291509	1.07	0.006
291510	1.26	0.018
291511	2.00	<0.005
291512	1.10	<0.005
291513	1.18	0.012
291514	0.92	0.024
291515	1.87	0.179
291516	2.23	0.110
291517	1.22	0.013
291518	1.13	0.006
291519	1.17	0.012
291520	0.57	<0.005
291521	1.25	0.012
291522	1.11	<0.005
291523	1.15	<0.005
291524	1.10	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 12132020
Number of Samples	55

ANALYSIS REPORT YRL20-00974

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291525	2.23	0.040
291526	2.27	0.090
291527	2.09	<0.005
291528	2.33	<0.005
291529	2.02	0.013
291530	2.14	<0.005
291531	2.30	0.007
291532	2.52	0.007
291533	2.37	0.009
291534	2.27	0.011
291535	2.32	0.011
291536	2.30	0.007
291537	2.26	<0.005
291538	2.14	<0.005
291539	1.32	<0.005
291540	-	<0.005
291541	1.92	<0.005
291542	2.75	<0.005
291543	3.07	<0.005
291544	2.29	<0.005
291545	2.27	<0.005
291546	2.52	<0.005
291547	2.21	<0.005
291548	2.81	<0.005
291549	1.42	<0.005
*Dup 291533	2.37	<0.005
*Blk BLANK	-	<0.005
*Rep 291506	-	<0.005
*Rep 291508	-	0.006
*Std OXK160	-	3.522

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 12132020
Number of Samples	55

ANALYSIS REPORT YRL20-00974

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Std OXF142	-	0.807
*Std OREAS223	-	1.777

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00986

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	14-Dec-2020
Project	Red Lake	Date Analysed	15-Dec-2020 - 06-Jan-2021
Submission Number	RED LAKE 12142020	Date Completed	07-Jan-2021
Number of Samples	100	SGS Order Number	YRL20-00986

Methods Summary

Number of Sample	Method Code	Description
100	G_WGH_KG	Weight of samples received
100	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12142020
Number of Samples	100

ANALYSIS REPORT YRL20-00986

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291550	1.18	<0.005
291551	0.94	0.019
291552	1.30	<0.005
291553	1.18	<0.005
291554	1.64	0.009
291555	1.21	<0.005
291556	1.25	<0.005
291557	0.98	<0.005
291558	1.16	<0.005
291559	2.61	0.015
291560	0.71	<0.005
291561	2.47	<0.005
291562	2.49	<0.005
291563	2.79	<0.005
291564	2.28	0.010
291565	2.39	<0.005
291566	2.40	0.012
291567	2.51	<0.005
291568	2.42	<0.005
291569	1.10	<0.005
291570	1.50	0.006
291571	2.42	<0.005
291572	2.43	<0.005
291573	2.48	0.008
291574	2.50	0.012
291575	2.43	0.007
291576	2.64	0.006
291577	1.09	0.011
291578	0.65	0.013
291579	2.55	0.014

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00986

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12142020
Number of Samples	100

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291580	-	0.006
291581	2.72	<0.005
291582	2.44	<0.005
291583	2.31	0.010
291584	2.47	0.006
291585	2.36	<0.005
291586	1.86	<0.005
291587	2.81	<0.005
291588	1.33	<0.005
291589	2.66	0.011
291590	1.49	<0.005
291591	2.03	<0.005
291592	1.16	<0.005
291593	1.39	<0.005
291594	2.52	0.006
291595	2.19	<0.005
291596	2.45	<0.005
291597	2.28	0.016
291598	2.31	0.015
291599	2.26	0.029
291600	0.06	5.100
291601	2.30	0.009
291602	2.56	0.010
291603	2.27	0.006
291604	2.51	0.011
291605	2.34	0.006
291606	2.61	0.016
291607	2.39	0.047
291608	2.11	0.017
291609	2.28	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-00986

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12142020
Number of Samples	100

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291610	2.55	0.016
291611	2.27	<0.005
291612	2.38	<0.005
291613	2.57	0.019
291614	2.34	<0.005
291615	2.24	<0.005
291616	2.45	0.006
291617	2.25	<0.005
291618	2.41	<0.005
291619	2.34	0.016
291620	0.82	0.009
291621	1.61	<0.005
291622	1.99	<0.005
291623	1.62	0.014
291624	2.35	0.012
291625	1.40	0.017
291626	3.31	<0.005
291627	2.29	<0.005
291628	2.60	<0.005
291629	2.22	<0.005
291630	3.09	<0.005
291631	1.53	<0.005
291632	2.14	<0.005
291633	2.27	<0.005
291634	3.55	<0.005
291635	1.19	<0.005
291636	2.37	<0.005
291637	2.44	0.016
291638	2.68	<0.005
291639	1.98	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12142020
Number of Samples	100

ANALYSIS REPORT YRL20-00986

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291640	-	0.008
291641	2.21	<0.005
291642	2.30	<0.005
291643	2.44	<0.005
291644	2.11	0.010
291645	2.46	0.006
291646	2.31	<0.005
291647	2.40	<0.005
291648	1.79	0.009
291649	2.31	0.011
*Dup 291588	1.33	<0.005
*Blk BLANK	-	<0.005
*Rep 291554	-	0.008
*Std OXF142	-	0.829
*Std OXK160	-	3.681
*Std OREAS223	-	1.803
*Rep 291612	-	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.930
*Rep 291630	-	<0.005
*Std OREAS223	-	1.816

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-01001

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	15-Dec-2020
Project	Red Lake	Date Analysed	17-Dec-2020 - 01-Jan-2021
Submission Number	RED LAKE 12152020	Date Completed	01-Jan-2021
Number of Samples	60	SGS Order Number	YRL20-01001

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
60	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-01001

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12152020
Number of Samples	60

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291650	2.38	0.013
291651	2.35	0.039
291652	2.50	0.014
291653	2.43	0.011
291654	2.31	<0.005
291655	2.45	0.013
291656	2.33	0.032
291657	2.66	0.014
291658	2.39	<0.005
291659	2.46	0.014
291660	0.06	2.204
291661	2.31	<0.005
291662	2.55	<0.005
291663	2.45	<0.005
291664	2.35	0.006
291665	2.30	0.007
291666	2.23	<0.005
291667	2.51	<0.005
291668	2.49	<0.005
291669	2.33	<0.005
291670	2.37	<0.005
291671	2.31	<0.005
291672	2.47	<0.005
291673	2.60	<0.005
291674	2.50	<0.005
291675	2.40	0.010
291676	2.27	<0.005
291677	2.97	<0.005
291678	1.70	<0.005
291679	1.36	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12152020
Number of Samples	60

ANALYSIS REPORT YRL20-01001

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291680	0.41	<0.005
291681	3.58	<0.005
291682	2.29	<0.005
291683	2.47	0.037
291684	2.44	<0.005
291685	2.63	<0.005
291686	2.49	<0.005
291687	2.70	<0.005
291688	2.50	<0.005
291689	2.24	<0.005
291690	2.37	<0.005
291691	2.38	<0.005
291692	2.89	0.005
291693	0.98	0.006
291694	2.95	<0.005
291695	1.93	0.010
291696	1.68	<0.005
291697	1.58	0.005
291698	1.42	<0.005
291699	1.93	0.007
291700	-	<0.005
291701	2.33	<0.005
291702	2.46	0.006
291703	2.39	<0.005
291704	2.42	0.005
291705	1.39	<0.005
291706	3.00	0.007
291707	2.01	0.006
291708	0.98	0.007
291709	1.68	0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12152020
Number of Samples	60

ANALYSIS REPORT YRL20-01001

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Dup 291688	2.50	<0.005
*Blk BLANK	-	0.010
*Std OREAS223	-	1.766
*Rep 291688	-	<0.005
*Std OXF142	-	0.837
*Rep 291705	-	0.008
*Std OREAS223	-	1.778

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-01057

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	19-Dec-2020
Project	Red Lake	Date Analysed	21-Dec-2020 - 08-Jan-2021
Submission Number	RED LAKE 12192020	Date Completed	08-Jan-2021
Number of Samples	75	SGS Order Number	YRL20-01057

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	75

ANALYSIS REPORT YRL20-01057

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291710	2.41	0.006
291711	1.98	0.012
291712	1.81	<0.005
291713	2.45	0.013
291714	2.14	<0.005
291715	2.54	<0.005
291716	2.44	<0.005
291717	2.11	<0.005
291718	2.33	0.006
291719	1.28	0.009
291720	0.06	0.620
291721	1.78	0.011
291722	2.33	<0.005
291723	2.07	<0.005
291724	2.22	0.013
291725	2.22	0.006
291726	2.18	<0.005
291727	3.47	<0.005
291728	1.10	<0.005
291729	1.99	<0.005
291730	2.12	0.011
291731	2.21	0.005
291732	2.09	<0.005
291733	3.25	<0.005
291734	2.94	<0.005
291735	2.12	0.012
291736	2.59	0.006
291737	2.50	<0.005
291738	2.39	<0.005
291739	1.96	0.008

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL20-01057

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	75

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291740	0.42	<0.005
291741	2.15	<0.005
291742	1.98	<0.005
291743	2.43	<0.005
291744	1.03	0.009
291745	1.84	0.007
291746	1.52	<0.005
291747	2.41	0.007
291748	2.05	<0.005
291749	1.55	<0.005
291750	2.47	0.005
291751	1.66	0.006
291752	1.28	0.005
291753	1.86	<0.005
291754	2.09	0.034
291755	2.40	<0.005
291756	2.40	0.009
291757	2.35	0.015
291758	1.58	<0.005
291759	2.37	<0.005
291760	-	0.005
291761	1.91	<0.005
291762	1.11	<0.005
291763	2.04	<0.005
291764	1.96	<0.005
291765	1.66	<0.005
291766	2.14	<0.005
291767	1.45	0.007
291768	2.22	<0.005
291769	2.72	0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	75

ANALYSIS REPORT YRL20-01057

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291770	1.54	<0.005
291771	1.32	<0.005
291772	2.82	0.012
291773	2.29	<0.005
291774	1.02	<0.005
291775	1.26	<0.005
291776	0.99	<0.005
291777	1.95	<0.005
291778	1.25	<0.005
291779	1.93	<0.005
291780	0.06	2.038
291781	2.50	<0.005
291782	0.99	<0.005
291783	2.48	<0.005
291784	1.07	<0.005
*Dup 291748	2.05	<0.005
*Blk BLANK	-	<0.005
*Rep 291718	-	<0.005
*Std OXF142	-	0.800
*Std OXK160	-	3.719
*Std OXK160	-	3.645
*Rep 291778	-	<0.005

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL20-01058

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	19-Dec-2020
Submission Number	RED LAKE 12192020	Date Analysed	21-Dec-2020 - 13-Jan-2021
Number of Samples	82	Date Completed	13-Jan-2021
		SGS Order Number	YRL20-01058

Methods Summary

Number of Sample	Method Code	Description
82	G_WGH_KG	Weight of samples received
82	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	82

ANALYSIS REPORT YRL20-01058

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291785	1.97	<0.005
291786	1.94	<0.005
291787	2.30	<0.005
291788	1.93	<0.005
291789	2.28	0.006
291790	2.20	<0.005
291791	1.87	<0.005
291792	2.13	<0.005
291793	2.12	<0.005
291794	2.24	<0.005
291795	2.60	<0.005
291796	1.96	<0.005
291797	2.18	<0.005
291798	2.15	<0.005
291799	2.17	<0.005
291800	0.40	<0.005
291801	2.01	<0.005
291802	2.36	0.008
291803	2.32	<0.005
291804	2.00	<0.005
291805	2.34	<0.005
291806	2.39	<0.005
291807	2.18	<0.005
291808	2.26	<0.005
291809	2.55	<0.005
291810	1.78	0.010
291811	1.38	<0.005
291812	1.45	<0.005
291813	2.50	<0.005
291814	1.80	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	82

ANALYSIS REPORT YRL20-01058

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291815	1.87	<0.005
291816	1.63	<0.005
291817	2.49	<0.005
291818	2.76	<0.005
291819	1.79	0.005
291820	-	<0.005
291821	2.40	<0.005
291822	2.53	<0.005
291823	1.96	<0.005
291824	2.64	0.009
291825	2.59	0.011
291826	1.23	<0.005
291827	1.06	0.005
291828	2.48	<0.005
291829	2.67	<0.005
291830	2.71	<0.005
291831	2.37	<0.005
291832	2.78	<0.005
291833	2.27	<0.005
291834	2.32	0.008
291835	2.41	<0.005
291836	2.47	<0.005
291837	2.37	<0.005
291838	2.02	<0.005
291839	2.43	0.006
291840	0.06	2.111
291841	2.43	0.016
291842	2.34	<0.005
291843	2.38	<0.005
291844	2.39	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	82

ANALYSIS REPORT YRL20-01058

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291845	2.08	<0.005
291846	2.34	<0.005
291847	2.38	<0.005
291848	2.26	<0.005
291849	2.18	<0.005
291850	2.75	<0.005
291851	1.71	<0.005
291852	1.51	<0.005
291853	1.56	<0.005
291854	2.48	<0.005
291855	2.45	<0.005
291856	2.32	0.007
291857	2.38	<0.005
291858	2.41	<0.005
291859	2.31	<0.005
291860	0.42	0.007
291861	2.37	<0.005
291862	2.43	<0.005
291863	2.50	<0.005
291864	1.27	<0.005
291865	1.32	<0.005
291866	1.22	<0.005
*Dup 291823	1.96	<0.005
*Blk BLANK	-	0.008
*Rep 291785	-	<0.005
*Std OXK160	-	4.133
*Std OREAS223	-	1.915
*Rep 291854	-	<0.005
*Std OXK160	-	4.152
*Blk BLANK	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	RED LAKE 12192020
Number of Samples	82

ANALYSIS REPORT YRL20-01058

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Rep 291865	-	<0.005
*Std OXK160	-	3.685

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01354

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	17-Jan-2021
Project	Red Lake	Date Analysed	19-Jan-2021 - 31-Jan-2021
Submission Number	RED LAKE 01172021	Date Completed	01-Feb-2021
Number of Samples	82	SGS Order Number	YRL21-01354

Methods Summary

Number of Sample	Method Code	Description
82	G_WGH_KG	Weight of samples received
82	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 01172021
Number of Samples	82

ANALYSIS REPORT YRL21-01354

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291867	2.46	<0.005
291868	3.02	<0.005
291869	2.77	<0.005
291870	3.74	<0.005
291871	1.90	<0.005
291872	2.08	<0.005
291873	2.93	<0.005
291874	2.63	<0.005
291875	3.04	<0.005
291876	2.92	<0.005
291877	2.63	<0.005
291878	2.37	<0.005
291879	2.49	<0.005
281880	-	<0.005
291881	2.59	<0.005
291882	2.26	<0.005
291883	2.47	<0.005
291884	2.45	<0.005
291885	2.54	<0.005
291886	2.58	<0.005
291887	2.35	<0.005
291888	1.41	0.059
291889	2.13	0.011
291890	2.12	0.031
291891	2.91	<0.005
291892	1.53	<0.005
291893	2.62	0.011
291894	1.99	<0.005
291895	1.17	<0.005
291896	2.29	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 01172021
Number of Samples	82

ANALYSIS REPORT YRL21-01354

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291897	1.98	<0.005
291898	2.28	0.035
291899	2.32	0.031
291900	0.06	0.567
291901	1.14	<0.005
291902	2.84	<0.005
291903	2.05	<0.005
291904	3.50	<0.005
291905	2.44	<0.005
291906	0.95	0.020
291907	2.63	<0.005
291908	2.84	<0.005
291909	2.25	<0.005
291910	2.02	<0.005
291911	1.83	<0.005
291912	2.38	<0.005
291913	3.09	0.017
291914	1.77	0.059
291915	2.36	0.059
291916	2.33	0.032
291917	2.45	<0.005
291918	2.99	<0.005
291919	2.80	0.015
291920	0.47	<0.005
291921	2.76	<0.005
291922	1.34	<0.005
291923	2.31	<0.005
291924	2.26	<0.005
291925	2.61	<0.005
291926	2.22	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 01172021
Number of Samples	82

ANALYSIS REPORT YRL21-01354

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
291927	2.95	<0.005
291928	3.06	<0.005
291929	2.14	<0.005
291930	2.40	<0.005
291931	2.00	<0.005
291932	2.26	<0.005
291933	2.58	<0.005
291934	2.34	0.030
291935	2.38	<0.005
291936	2.32	<0.005
291937	2.15	0.038
291938	1.42	<0.005
291939	0.85	<0.005
291940	-	<0.005
291941	2.08	0.011
291942	1.38	0.039
291943	3.41	<0.005
291944	0.87	<0.005
291945	1.08	<0.005
291946	2.70	<0.005
291947	2.32	<0.005
291948	1.99	<0.005
*Dup 291905	2.44	<0.005
*Blk BLANK	-	<0.005
*Std OXF142	-	0.786
*Std OXK160	-	3.720
*Std OREAS223	-	1.683
*Rep 291908	-	<0.005
*Rep 291928	-	<0.005
*Blk BLANK	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	RED LAKE 01172021
Number of Samples	82

ANALYSIS REPORT YRL21-01354

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Rep 291947	-	<0.005
*Std OREAS223	-	1.859

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01603

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	04-Feb-2021
Project	Red Lake	Date Analysed	05-Feb-2021 - 16-Feb-2021
Submission Number	REDLAKE 02042021	Date Completed	16-Feb-2021
Number of Samples	75	SGS Order Number	YRL21-01603

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02042021
Number of Samples	75

ANALYSIS REPORT YRL21-01603

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292014	2.88	<0.005
292015	1.33	0.007
292016	2.22	<0.005
292017	2.38	0.009
292018	2.73	<0.005
292019	1.85	<0.005
292020	0.06	2.044
292021	2.25	<0.005
292022	1.20	<0.005
292023	3.97	<0.005
292024	2.42	<0.005
292025	2.83	<0.005
292026	1.16	<0.005
292027	2.24	<0.005
292028	2.43	<0.005
292029	1.38	0.025
292030	2.19	<0.005
292031	2.41	<0.005
292032	2.28	<0.005
292033	2.38	<0.005
292034	2.68	<0.005
292035	2.16	<0.005
292036	1.30	<0.005
292037	3.75	<0.005
292038	2.82	0.010
292039	1.43	<0.005
292040	0.25	<0.005
292041	2.92	0.023
292042	1.38	0.027
292043	1.12	0.020

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02042021
Number of Samples	75

ANALYSIS REPORT YRL21-01603

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292044	1.58	0.009
292045	2.22	0.014
292046	1.40	<0.005
292047	2.11	0.038
292048	1.59	0.029
292049	2.47	0.012
292050	2.24	<0.005
292051	1.79	0.039
292052	1.94	<0.005
292053	2.95	0.020
292054	2.26	0.023
292055	2.41	0.031
292056	2.38	0.015
292057	2.74	0.022
292058	2.43	<0.005
292059	2.44	0.013
292060	-	0.018
292061	2.22	0.024
292062	2.34	0.044
292063	2.35	0.011
292064	2.49	<0.005
292065	2.36	<0.005
292066	3.10	<0.005
292067	2.22	<0.005
292068	2.52	0.009
292069	2.30	<0.005
292070	2.44	<0.005
292071	2.09	0.022
292072	2.58	<0.005
292073	3.31	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02042021
Number of Samples	75

ANALYSIS REPORT YRL21-01603

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292074	2.38	<0.005
292075	3.49	<0.005
292076	1.66	<0.005
292077	2.43	<0.005
292078	2.07	<0.005
292079	3.42	<0.005
292080	0.07	0.593
292081	1.67	0.020
292082	2.72	<0.005
292083	2.41	<0.005
292084	2.34	<0.005
292085	1.54	<0.005
292086	2.35	<0.005
292087	2.16	<0.005
292088	1.98	<0.005
*Dup 292052	1.94	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.880
*Rep 292022	-	<0.005
*Rep 292063	-	0.018
*Std OXF142	-	0.840
*Std OXK160	-	3.770

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01604

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	04-Feb-2021
Project	Red Lake	Date Analysed	05-Feb-2021 - 11-Feb-2021
Submission Number	REDLAKE 02042021	Date Completed	16-Feb-2021
Number of Samples	12	SGS Order Number	YRL21-01604

Methods Summary

Number of Sample	Method Code	Description
12	G_WGH_KG	Weight of samples received
12	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01604

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02042021
Number of Samples	12

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292089	2.94	0.039
292090	2.82	0.045
292091	2.34	0.058
292092	2.27	<0.005
292093	2.43	<0.005
292094	2.43	<0.005
292095	2.47	0.029
292096	2.61	<0.005
292097	2.14	0.006
292098	2.41	0.021
292099	2.31	<0.005
292100	0.29	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.630
*Rep 292094	-	<0.005

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01676

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	09-Feb-2021
Project	Red Lake	Date Analysed	11-Feb-2021 - 24-Feb-2021
Submission Number	REDLAKE 02092021	Date Completed	24-Feb-2021
Number of Samples	60	SGS Order Number	YRL21-01676

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
60	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02092021
Number of Samples	60

ANALYSIS REPORT YRL21-01676

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292101	2.18	0.015
292102	2.19	<0.005
292103	2.13	<0.005
292104	2.17	<0.005
292105	2.26	0.007
292106	2.07	<0.005
292107	2.12	<0.005
292108	1.85	<0.005
292109	2.35	<0.005
292110	2.25	0.010
292111	1.60	0.007
292112	2.24	<0.005
292113	2.26	<0.005
292114	2.35	<0.005
292115	2.24	<0.005
292116	2.16	<0.005
292117	2.31	0.021
292118	2.38	<0.005
292119	2.32	<0.005
292120	-	<0.005
292121	1.88	<0.005
292122	2.20	<0.005
292123	2.92	<0.005
292124	2.31	0.012
292125	1.74	<0.005
292126	2.16	0.007
292127	1.49	<0.005
292128	2.38	<0.005
292129	2.14	0.006
292130	2.59	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02092021
Number of Samples	60

ANALYSIS REPORT YRL21-01676

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292131	2.14	<0.005
292132	2.31	<0.005
292133	2.17	<0.005
292134	1.99	<0.005
292135	2.17	<0.005
292136	2.30	0.005
292137	1.90	0.007
292138	2.44	<0.005
292139	2.45	<0.005
292140	0.05	0.514
292141	2.66	0.006
292142	2.03	<0.005
292143	2.46	0.008
292144	2.94	<0.005
292145	2.01	<0.005
292146	3.18	<0.005
292147	3.53	<0.005
292148	2.42	0.008
292149	2.53	<0.005
292150	2.08	<0.005
292151	2.37	<0.005
292152	2.44	<0.005
292153	1.64	<0.005
292154	2.10	<0.005
292155	2.19	<0.005
292156	2.81	<0.005
292157	1.31	<0.005
292158	2.65	<0.005
292159	1.95	<0.005
292160	0.29	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02092021
Number of Samples	60

ANALYSIS REPORT YRL21-01676

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Dup 292139	2.45	<0.005
*Blk BLANK	-	<0.005
*Std OXF142	-	0.831
*Rep 292142	-	<0.005
*Rep 292155	-	<0.005
*Std OREAS223	-	1.730
*Std OREAS223	-	1.879

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01691

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	11-Feb-2021
Project	Red Lake	Date Analysed	13-Feb-2021 - 02-Mar-2021
Submission Number	REDLAKE 02112021	Date Completed	02-Mar-2021
Number of Samples	50	SGS Order Number	YRL21-01691

Methods Summary

Number of Sample	Method Code	Description
50	G_WGH_KG	Weight of samples received
50	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02112021
Number of Samples	50

ANALYSIS REPORT YRL21-01691

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292161	2.11	<0.005
292162	1.99	<0.005
292163	1.89	<0.005
292164	2.03	<0.005
292165	2.11	<0.005
292166	1.94	<0.005
292167	2.18	0.012
292168	2.13	<0.005
292169	1.93	<0.005
292170	2.24	0.007
292171	2.32	<0.005
292172	1.82	<0.005
292173	2.09	0.007
292174	2.30	<0.005
292175	1.72	<0.005
292176	2.31	<0.005
292177	2.19	<0.005
292178	2.08	<0.005
292179	2.20	<0.005
292180	-	<0.005
292181	1.48	<0.005
292182	2.03	0.012
292183	3.15	<0.005
292184	2.21	<0.005
292185	2.03	<0.005
292186	2.10	<0.005
292187	2.30	<0.005
292188	1.95	<0.005
292189	2.13	<0.005
292190	2.16	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01691

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02112021
Number of Samples	50

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292191	2.10	<0.005
292192	2.01	<0.005
292193	2.32	<0.005
292194	2.06	<0.005
292195	1.96	<0.005
292196	2.07	<0.005
292197	1.88	<0.005
292198	1.85	<0.005
292199	2.08	<0.005
292200	0.07	2.092
292201	2.16	<0.005
292202	2.03	<0.005
292203	2.02	<0.005
292204	2.01	<0.005
292205	2.09	0.015
292206	1.88	0.014
292207	1.91	<0.005
292208	2.03	<0.005
292209	2.32	<0.005
292210	2.00	<0.005
*Dup 292199	2.08	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.655
*Std OXK160	-	3.971
*Rep 292191	-	<0.005
*Std OXK160	-	3.969
*Rep 292206	-	0.006

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02112021
Number of Samples	50

ANALYSIS REPORT YRL21-01691

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ANALYSIS REPORT YRL21-01737

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	15-Feb-2021
Project	Red Lake	Date Analysed	15-Feb-2021 - 17-Feb-2021
Submission Number	REDLAKE 02152021	Date Completed	17-Feb-2021
Number of Samples	50	SGS Order Number	YRL21-01737

Methods Summary

Number of Sample	Method Code	Description
50	G_WGH_KG	Weight of samples received
50	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL21-01737

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02152021
Number of Samples	50

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292246	1.85	<0.005
292247	1.51	<0.005
292248	2.81	0.010
292249	2.50	0.039
292250	2.35	0.008
292251	2.03	<0.005
292252	2.81	0.028
292253	1.87	0.026
292254	2.15	0.007
292255	2.34	<0.005
292256	2.42	<0.005
292257	2.32	0.008
292258	2.63	<0.005
292259	2.29	0.008
292260	0.08	0.463
292261	1.95	<0.005
292262	2.38	0.016
292263	2.15	0.005
292264	2.29	<0.005
292265	2.49	<0.005
292266	2.50	<0.005
292267	2.61	<0.005
292268	2.51	0.019
292269	2.39	0.027
292270	2.44	0.017
292271	2.40	<0.005
292272	2.33	0.017
292273	2.16	0.047
292274	2.41	<0.005
292275	2.07	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02152021
Number of Samples	50

ANALYSIS REPORT YRL21-01737

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292276	1.90	0.007
292277	2.20	<0.005
292278	2.32	0.017
292279	2.16	<0.005
292280	0.45	<0.005
292281	2.22	0.017
292282	2.56	<0.005
292283	2.37	0.008
292284	2.08	<0.005
292285	2.45	0.027
292286	2.18	<0.005
292287	2.31	0.006
292288	2.25	<0.005
292289	2.48	<0.005
292290	2.39	<0.005
292291	2.25	<0.005
292292	2.11	0.009
292293	2.22	<0.005
292294	2.22	<0.005
292295	2.22	0.005
*Dup 292284	2.08	0.011
*Blk BLANK	-	<0.005
*Rep 292250	-	<0.005
*Rep 292262	-	<0.005
*Std OXF142	-	0.738
*Std OREAS223	-	1.799
*Std OXK160	-	3.528

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02152021
Number of Samples	50

ANALYSIS REPORT YRL21-01737

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ANALYSIS REPORT YRL21-01790

To PACTON GOLD INC
KRIS RAFFLE-RED LAKE PROJECT
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO#PAC-20-037	Date Received	15-Mar-2021
Project	Red Lake	Date Analysed	24-Mar-2021
Submission Number	*BBY* RED LAKE GOLD PROJECT/	Date Completed	25-Mar-2021
70 Core		SGS Order Number	YRL21-01790
Number of Samples	70		

Methods Summary

Number of Sample	Method Code	Description
70	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#PAC-20-037
Project	Red Lake
Submission Number	*BBY* RED LAKE GOLD PROJECT/
70 Core	
Number of Samples	70

ANALYSIS REPORT YRL21-01790

Element	Au
Method	GE_FAA30V5
Lower Limit	5
Upper Limit	10,000
Unit	ppb
292296	<5
292297	<5
292298	<5
292299	<5
292300	<5
292301	<5
292302	<5
292303	<5
292304	<5
292305	<5
292306	<5
292307	<5
292308	<5
292309	<5
292310	<5
292311	<5
292312	<5
292313	<5
292314	<5
292315	<5
292316	<5
292317	<5
292318	<5
292319	<5
292320	9930
292321	<5
292322	5
292323	<5
292324	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#PAC-20-037
Project	Red Lake
Submission Number	*BBY* RED LAKE GOLD PROJECT/
70 Core	
Number of Samples	70

ANALYSIS REPORT YRL21-01790

Element	Au
Method	GE_FAA30V5
Lower Limit	5
Upper Limit	10,000
Unit	ppb
292325	<5
292326	<5
292327	8
292328	6
292329	5
292330	<5
292331	7
292332	<5
292333	<5
292334	<5
292335	<5
292336	<5
292337	7
292338	7
292339	<5
292340	<5
292341	<5
292342	<5
292343	<5
292344	<5
292345	<5
292346	<5
292347	<5
292348	<5
292349	<5
292350	<5
292351	<5
292352	<5
292353	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT YRL21-01790

Order Number	PO#PAC-20-037
Project	Red Lake
Submission Number	*BBY* RED LAKE GOLD PROJECT/
70 Core	
Number of Samples	70

Element	Au
Method	GE_FAA30V5
Lower Limit	5
Upper Limit	10,000
Unit	ppb
292354	<5
292355	<5
292356	<5
292357	<5
292358	<5
292359	<5
292360	<5
292361	7
292362	<5
292363	10
292364	7
292365	70
*Blk BLANK	<5
*Std OREAS296	2320
*Rep 292313	<5
*Std OREAS250	337
*Blk BLANK	<5
*Rep 292340	<5
*Rep 292359	<5
*Std GS-9B	8710

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT YRL21-01852

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO: PAC-20-037	Date Received	23-Feb-2021
Project	Red Lake	Date Analysed	23-Feb-2021 - 01-Mar-2021
Submission Number	REDLAKE 02192021	Date Completed	02-Mar-2021
Number of Samples	7	SGS Order Number	YRL21-01852

Methods Summary

Number of Sample	Method Code	Description
7	G_WGH_KG	Weight of samples received
7	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
1	GO_FAG30V	Au, FAS, Gravimetric, 30g

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01852

Order Number	PO: PAC-20-037
Project	Red Lake
Submission Number	REDLAKE 02192021
Number of Samples	7

Element	Wtkg	@Au	Au
Method	G_WGH_KG	GE_FAA30V5	GO_FAG30V
Lower Limit	0.01	0.005	0.5
Upper Limit	--	10	10,000
Unit	kg	ppm m / m	ppm m / m
336327	0.18	<0.005	-
336328	0.24	<0.005	-
336329	0.15	>10.000	15.536
336330	0.20	<0.005	-
336331	0.17	0.051	-
336332	0.20	<0.005	-
336333	0.21	<0.005	-
*Std CDN-GS-45	-	-	44.008
*Blk BLANK	-	<0.005	-
*Rep 336328	-	<0.005	-
*Std OXK160	-	3.651	-

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-01929

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	12-Apr-2021
Submission Number	REDLAKE 02262021	Date Analysed	15-Apr-2021 - 20-Apr-2021
Number of Samples	60	Date Completed	23-Apr-2021
		SGS Order Number	YRL21-01929

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
58	G_PRP	Combined Sample Preparation
60	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 02262021
Number of Samples	60

ANALYSIS REPORT YRL21-01929

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10,000
Unit	kg	ppm m / m
292366	1.88	0.006
292367	2.06	0.006
292368	2.04	<0.005
292369	2.25	<0.005
292370	1.91	<0.005
292371	2.06	<0.005
292372	2.29	<0.005
292373	2.20	0.006
292374	1.93	0.006
292375	2.04	0.007
292376	2.19	<0.005
292377	2.29	<0.005
292378	2.81	0.018
292379	1.70	0.006
292380	0.06	2.09
292381	2.17	0.005
292382	2.17	0.006
292383	2.11	0.023
292384	2.14	0.014
292385	2.03	0.020
292386	2.10	0.013
292387	2.50	0.007
292388	2.36	0.005
292389	2.26	0.006
292390	2.21	0.005
292391	2.09	0.005
292392	2.16	<0.005
292393	2.40	0.005
292394	2.92	0.005
292395	2.25	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 02262021
Number of Samples	60

ANALYSIS REPORT YRL21-01929

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10,000
Unit	kg	ppm m / m
292396	2.31	<0.005
292397	2.22	<0.005
292398	2.54	<0.005
292399	2.40	<0.005
292400	0.49	<0.005
292401	2.36	0.006
292402	2.17	0.006
292403	2.05	<0.005
292404	2.15	<0.005
292405	2.24	0.005
292406	2.14	0.005
292407	2.20	0.011
292408	2.00	0.009
292409	2.18	0.005
292410	2.27	0.007
292411	2.29	<0.005
292412	2.27	0.006
292413	2.07	0.006
292414	2.18	0.013
292415	2.12	0.011
292416	1.99	0.009
292417	2.10	0.009
292418	1.99	0.009
292419	2.28	0.009
292420	-	0.011
292421	2.17	0.013
292422	1.92	0.013
292423	2.51	0.010
292424	2.38	<0.005
292425	2.28	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	REDLAKE 02262021
Number of Samples	60

ANALYSIS REPORT YRL21-01929

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10,000
Unit	kg	ppm m / m
*Dup 292404	-	<0.005
*Blk BLANK	-	<0.005
*Std OREAS235	-	1.58
*Std OREAS250B	-	0.334
*Std SN106	-	8.66
*Blk BLANK	-	<0.005
*Rep 292404	-	<0.005
*Std SN106	-	8.37
*Blk BLANK	-	0.006
*Std OREAS250B	-	0.328
*Rep 292422	-	0.012
*Blk BLANK	-	<0.005
*Std OREAS235	-	1.61

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL21-02028

To PACTON GOLD INC
KARLY OLIVER – REPORTING
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	04-Mar-2021
Submission Number	REDLAKE 03042021	Date Analysed	02-Apr-2021 - 05-May-2021
Number of Samples	40	Date Completed	05-May-2021
		SGS Order Number	YRL21-02028

Methods Summary

Number of Sample	Method Code	Description
40	G_WGH_KG	Weight of samples received
40	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 03042021
Number of Samples	40

ANALYSIS REPORT YRL21-02028

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292426	2.74	<0.005
292427	1.54	<0.005
292428	2.34	0.006
292429	2.13	0.010
292430	2.23	0.007
292431	2.27	<0.005
292432	2.21	<0.005
292433	1.99	<0.005
292434	1.84	<0.005
292435	2.40	<0.005
292436	2.49	<0.005
292437	2.42	<0.005
292438	2.55	0.008
292439	2.26	0.046
292440	0.07	0.485
292441	2.17	0.011
292442	2.27	0.014
292443	2.29	0.011
292444	2.29	0.007
292445	2.66	0.006
292446	1.55	0.009
292447	1.16	0.011
292448	1.15	<0.005
292449	2.38	0.007
292450	2.23	<0.005
292451	2.24	<0.005
292452	1.98	0.006
292453	2.22	<0.005
292454	2.24	<0.005
292455	2.32	0.008

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 03042021
Number of Samples	40

ANALYSIS REPORT YRL21-02028

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292456	2.16	<0.005
292457	2.26	<0.005
292458	2.19	<0.005
292459	2.46	<0.005
292460	0.35	<0.005
292461	2.19	<0.005
292462	2.53	<0.005
292463	2.47	<0.005
292464	2.27	<0.005
292465	2.22	<0.005
*Dup 292464	2.27	<0.005
*Blk BLANK	-	<0.005
*Rep 292431	-	0.006
*Rep 292449	-	<0.005
*Std OXL118	-	5.880
*Std OXL118	-	5.934

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL21-02114

To PACTON GOLD INC
KARLY OLIVER
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	09-Mar-2021
Submission Number	REDLAKE 03092021	Date Analysed	11-Apr-2021 - 18-Jun-2021
Number of Samples	55	Date Completed	18-Jun-2021
		SGS Order Number	YRL21-02114

Methods Summary

Number of Sample	Method Code	Description
55	G_WGH_KG	Weight of samples received
55	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 03092021
Number of Samples	55

ANALYSIS REPORT YRL21-02114

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292466	1.98	<0.005
292467	2.28	<0.005
292468	2.42	<0.005
292469	2.20	<0.005
292470	2.31	<0.005
292471	1.96	<0.005
292472	2.20	<0.005
292473	2.49	<0.005
292474	2.31	<0.005
292475	2.20	<0.005
292476	2.15	<0.005
292477	2.13	0.011
292478	2.60	<0.005
292479	2.14	<0.005
292480	-	<0.005
292481	2.18	<0.005
292482	2.14	<0.005
292483	2.11	<0.005
292484	2.24	<0.005
292485	2.15	0.008
292486	2.08	<0.005
292487	2.06	0.011
292488	2.26	0.008
292489	2.24	<0.005
292490	2.24	0.007
292491	2.43	<0.005
292492	2.15	<0.005
292493	2.24	<0.005
292494	2.26	0.017
292495	2.13	0.014

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 03092021
Number of Samples	55

ANALYSIS REPORT YRL21-02114

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292496	2.91	<0.005
292497	1.73	<0.005
292498	2.21	0.009
292499	2.26	0.007
292500	0.07	9.564
292501	2.35	0.018
292502	2.13	0.013
292503	2.30	<0.005
292504	2.60	0.016
292505	2.50	<0.005
292506	2.44	<0.005
292507	2.53	0.012
292508	2.50	<0.005
292509	2.16	<0.005
292510	2.16	0.006
292511	2.20	<0.005
292512	2.09	0.010
292513	2.04	0.013
292514	2.24	<0.005
292515	2.13	0.013
292516	2.48	0.008
292517	2.20	<0.005
292518	2.18	<0.005
292519	2.64	0.006
292520	0.40	<0.005
*Dup 292504	2.60	<0.005
*Blk BLANK	-	<0.005
*Rep 292473	-	0.006
*Rep 292475	-	<0.005
*Std OREAS219	-	0.776

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	REDLAKE 03092021
Number of Samples	55

ANALYSIS REPORT YRL21-02114

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Std OXF162	-	0.804
*Std OXF162	-	0.826

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL21-02308

To PACTON GOLD INC
KARLY OLIVER
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Project	Red Lake	Date Received	20-Mar-2021
Submission Number	REDLAKE 03202021	Date Analysed	09-May-2021 - 21-Jun-2021
Number of Samples	75	SGS Order Number	YRL21-02308

Methods Summary

Number of Sample	Method Code	Description
75	G_WGH_KG	Weight of samples received
75	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	REDLAKE 03202021
Number of Samples	75

ANALYSIS REPORT YRL21-02308

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292521	2.24	<0.005
292522	2.22	<0.005
292523	2.12	<0.005
292524	2.35	0.013
292525	2.05	<0.005
292526	2.23	<0.005
292527	2.08	<0.005
292528	2.19	<0.005
292529	2.41	<0.005
292530	2.21	<0.005
292531	2.12	<0.005
292532	2.06	<0.005
292533	2.16	0.008
292534	2.07	<0.005
292535	2.18	<0.005
292536	2.09	0.005
292537	2.15	<0.005
292538	2.19	<0.005
292539	4.31	<0.005
292541	1.94	<0.005
292542	2.02	0.015
292543	2.21	<0.005
292544	2.12	<0.005
292545	2.10	<0.005
292546	2.39	<0.005
292547	2.05	<0.005
292548	2.15	<0.005
292549	2.16	<0.005
292550	2.08	<0.005
292551	2.15	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Project	Red Lake
Submission Number	REDLAKE 03202021
Number of Samples	75

ANALYSIS REPORT YRL21-02308

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292552	2.23	<0.005
292553	1.97	<0.005
292554	2.20	<0.005
292555	2.10	<0.005
292556	2.18	<0.005
292557	2.22	0.006
292558	2.17	<0.005
292559	2.23	<0.005
292560	0.07	0.401
292561	2.17	<0.005
292562	2.22	<0.005
292563	2.05	<0.005
292564	2.07	0.018
292565	2.11	0.014
292566	2.17	0.053
292567	2.16	0.014
292568	2.44	<0.005
292569	1.93	0.012
292570	1.98	0.024
292571	2.18	0.017
292572	1.92	0.008
292573	2.26	0.008
292574	2.05	<0.005
292575	2.35	0.019
292576	2.07	0.014
292577	2.16	0.059
292578	2.28	0.182
292579	2.12	0.384
292580	0.50	0.010
292581	2.05	0.016

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	Red Lake
Submission Number	REDLAKE 03202021
Number of Samples	75

ANALYSIS REPORT YRL21-02308

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292582	2.39	0.451
292583	2.68	0.008
292584	1.11	<0.005
292585	2.31	<0.005
292586	2.17	0.010
292587	1.82	0.426
292588	2.54	0.699
292589	2.60	0.093
292590	1.90	<0.005
292591	2.08	0.035
292592	2.39	0.073
292593	2.10	0.010
292594	2.12	0.007
292595	2.40	0.006
*Dup 292561	2.17	<0.005
292540	4.31	<0.005
*Blk BLANK	-	<0.005
*Std OXF142	-	0.860
*Rep 292563	-	<0.005
*Rep 292567	-	0.005
*Std OXF142	-	0.828
*Std OXF142	-	0.850

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL21-02309

To PACTON GOLD INC
KARLY OLIVER
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO#	Date Received	20-Mar-2021
Project	Red Lake	Date Analysed	10-May-2021 - 11-Jul-2021
Submission Number	REDLAKE 03202021	Date Completed	11-Jul-2021
Number of Samples	55	SGS Order Number	YRL21-02309

Methods Summary

Number of Sample	Method Code	Description
55	G_WGH_KG	Weight of samples received
55	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03202021
Number of Samples	55

ANALYSIS REPORT YRL21-02309

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292596	2.41	<0.005
292597	2.13	<0.005
292598	2.35	0.009
292599	1.45	<0.005
292601	2.69	0.010
292602	1.90	<0.005
292603	2.01	0.010
292604	2.99	<0.005
292605	2.28	0.011
292606	2.19	<0.005
292607	2.12	0.006
292608	2.27	<0.005
292609	1.98	<0.005
292610	2.23	<0.005
292611	1.83	0.006
292612	1.21	<0.005
292613	1.57	<0.005
292614	2.26	<0.005
292615	2.34	0.007
292616	1.86	0.025
292617	1.11	0.018
292618	1.45	0.022
292619	2.31	<0.005
292620	0.06	2.249
292621	2.29	0.013
292622	2.13	0.025
292623	2.40	<0.005
292624	2.33	0.054
292625	2.20	<0.005
292626	2.30	0.013

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03202021
Number of Samples	55

ANALYSIS REPORT YRL21-02309

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292627	2.37	<0.005
292628	2.25	0.013
292629	2.25	0.007
292630	1.94	0.006
292631	2.09	0.022
292632	2.56	<0.005
292633	2.09	0.005
292634	2.19	0.011
292635	2.56	0.012
292636	2.05	0.041
292637	2.17	0.021
292638	2.00	0.009
292639	2.07	0.070
292640	0.44	0.011
292641	2.32	0.015
292642	2.42	<0.005
292643	1.92	0.012
292644	2.21	0.016
292645	2.12	<0.005
292646	2.41	0.163
292647	2.20	0.203
292648	2.03	0.145
292649	2.12	0.166
292650	2.29	0.019
292651	2.25	0.847
*Dup 292635	2.56	0.013
*Blk BLANK	-	0.005
*Rep 292604	-	<0.005
*Rep 292635	-	0.011
*Std OXK160	-	3.440

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03202021
Number of Samples	55

ANALYSIS REPORT YRL21-02309

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
*Std OREAS219	-	0.825
*Std OREAS256B	-	7.473

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT YRL21-03128

To PACTON GOLD INC
KARLY OLIVER
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO#	Date Received	22-Mar-2021
Project	Red Lake	Date Analysed	14-May-2021 - 13-Jul-2021
Submission Number	REDLAKE 03222021	Date Completed	13-Jul-2021
Number of Samples	74	SGS Order Number	YRL21-03128

Methods Summary

Number of Sample	Method Code	Description
74	G_WGH_KG	Weight of samples received
74	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03222021
Number of Samples	74

ANALYSIS REPORT YRL21-03128

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292652	2.51	<0.005
292653	2.52	<0.005
292654	2.77	<0.005
292655	2.44	<0.005
292656	2.65	<0.005
292657	2.47	<0.005
292658	2.60	<0.005
292659	2.80	<0.005
292660	2.80	<0.005
292661	2.23	<0.005
292662	2.96	<0.005
292663	2.96	<0.005
292664	2.15	<0.005
292665	2.49	<0.005
292666	2.48	<0.005
292667	2.36	<0.005
292668	2.28	<0.005
292669	2.63	<0.005
292670	2.27	<0.005
292671	2.73	<0.005
292672	2.30	<0.005
292673	2.39	<0.005
292674	1.84	<0.005
292675	2.34	<0.005
292676	3.04	<0.005
292677	2.44	0.007
292678	3.19	0.043
292679	2.15	<0.005
292680	0.07	2.212
292681	2.31	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03222021
Number of Samples	74

ANALYSIS REPORT YRL21-03128

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292682	2.35	<0.005
292683	2.23	<0.005
292684	2.37	<0.005
292685	2.18	<0.005
292686	2.34	<0.005
292687	2.30	<0.005
292688	1.93	<0.005
292689	2.93	<0.005
292690	2.83	<0.005
292691	2.25	<0.005
292692	2.21	<0.005
292693	2.35	<0.005
292694	2.11	<0.005
292695	2.22	<0.005
292696	2.11	<0.005
292697	2.19	<0.005
292698	2.21	<0.005
292699	2.60	<0.005
292700	0.50	<0.005
292701	2.56	<0.005
292702	1.93	<0.005
292703	2.15	0.006
292704	2.35	<0.005
292705	2.02	<0.005
292706	2.16	0.007
292707	2.26	0.006
292708	2.46	0.010
292709	2.27	<0.005
292710	2.29	0.006
292711	2.19	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03222021
Number of Samples	74

ANALYSIS REPORT YRL21-03128

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292712	2.18	<0.005
292713	2.27	0.007
292714	2.26	<0.005
292715	2.19	0.005
292716	2.41	0.008
292717	2.93	<0.005
292718	3.34	<0.005
292719	2.18	<0.005
292720	2.18	<0.005
292721	2.48	<0.005
292722	2.16	<0.005
292723	2.31	<0.005
292724	2.42	<0.005
292725	3.69	<0.005
*Dup 292690	2.83	<0.005
*Blk BLANK	-	<0.005
*Rep 292670	-	<0.005
*Rep 292681	-	<0.005
*Std OREAS219	-	0.813
*Std OREAS219	-	0.768
*Std OXK160	-	3.958

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

ANALYSIS REPORT YRL21-03129

To PACTON GOLD INC
KARLY OLIVER
1680-200 BURRARD ST
VANCOUVER V6C 3L6
BC
CANADA

Order Number	PO#	Date Received	22-Mar-2021
Project	Red Lake	Date Analysed	14-May-2021 - 13-Jul-2021
Submission Number	REDLAKE 03222021	Date Completed	13-Jul-2021
Number of Samples	31	SGS Order Number	YRL21-03129

Methods Summary

Number of Sample	Method Code	Description
31	G_WGH_KG	Weight of samples received
31	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin
Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03222021
Number of Samples	31

ANALYSIS REPORT YRL21-03129

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292726	3.17	<0.005
292727	2.50	0.007
292728	2.18	0.005
292729	2.21	0.007
292730	2.11	<0.005
292731	2.49	<0.005
292732	2.34	0.006
292733	2.14	0.011
292734	2.47	0.008
292735	2.27	0.013
292736	2.28	0.009
292737	3.43	0.013
292738	3.56	0.011
292739	2.33	0.007
292740	0.07	5.831
292741	2.49	0.010
292742	1.66	<0.005
292743	3.67	<0.005
292744	1.97	<0.005
292745	2.06	<0.005
292746	2.36	0.010
292747	2.16	0.006
292748	3.78	<0.005
292749	2.46	<0.005
292750	2.37	0.007
292751	2.37	0.013
292752	2.17	<0.005
292753	2.36	<0.005
292754	2.14	<0.005
292755	2.00	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Order Number	PO#
Project	Red Lake
Submission Number	REDLAKE 03222021
Number of Samples	31

ANALYSIS REPORT YRL21-03129

Element	Wtkg	@Au
Method	G_WGH_KG	GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit	--	10
Unit	kg	ppm m / m
292756	2.18	<0.005
*Blk BLANK	-	<0.005
*Std OXK160	-	3.752
*Rep 292750	-	0.005
*Std OREAS219	-	0.767

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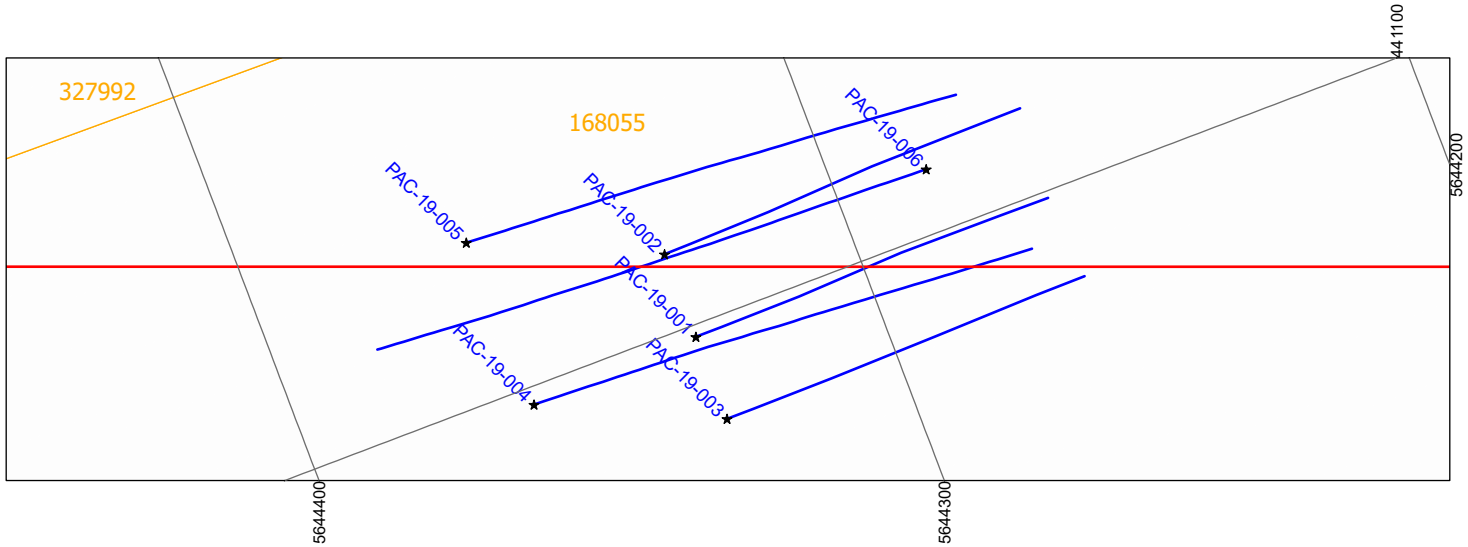
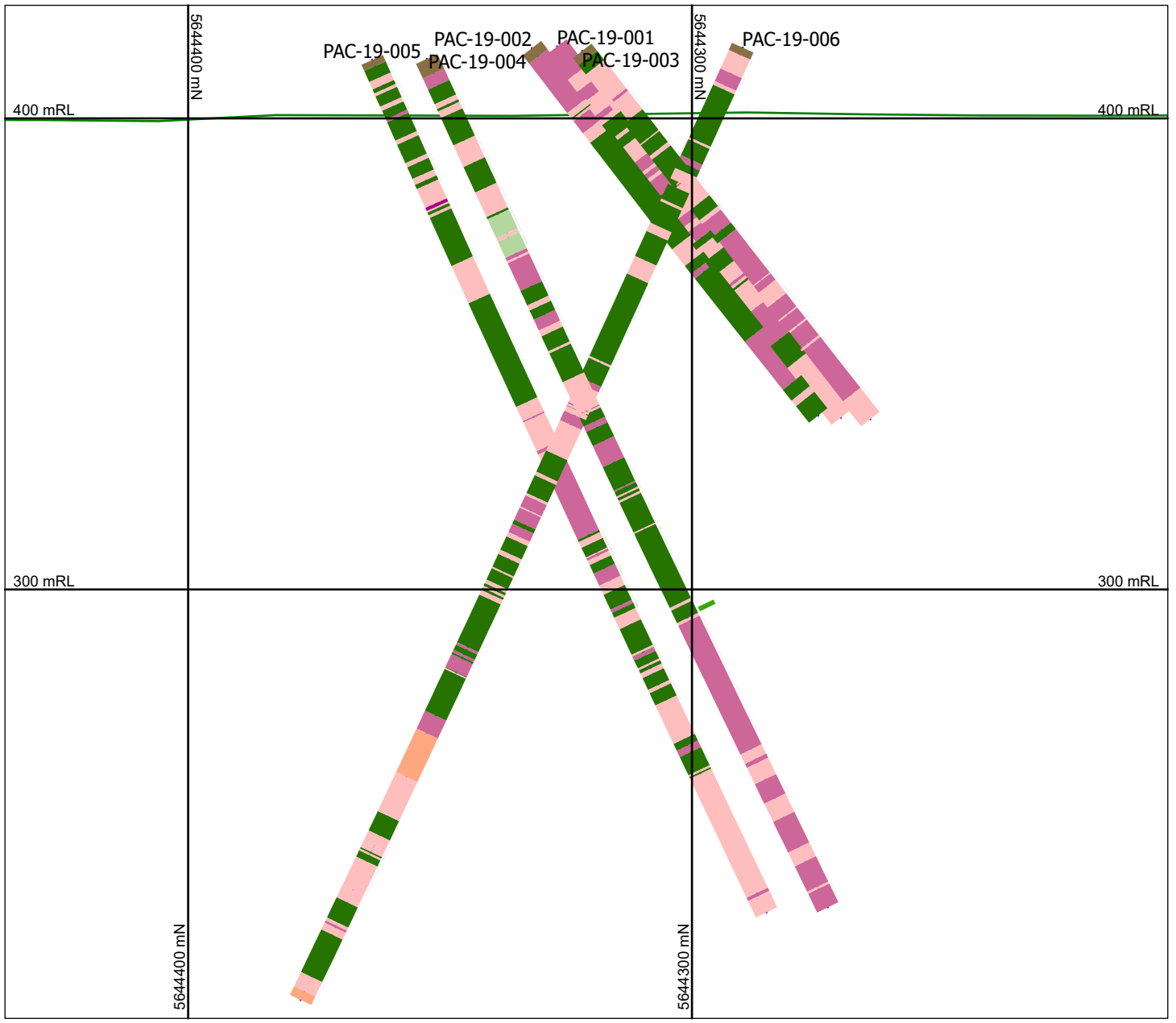
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 16A Young Street Red Lake ON. P0V 2M0 CANADA t +1 (807) 727 2939 f +1 (807) 727 3183 www.sgs.com

Appendix IV : Cross Sections





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

Holes Plotted:

PAC-19-001
Az: 180°
Dip: -51°
Length: 102 m

PAC-19-002
Az: 179°
Dip: -50°
Length: 102 m

PAC-19-003
Az: 180°
Dip: -50°
Length: 102.2 m

PAC-19-004
Az: 182°
Dip: -64°
Length: 201 m

PAC-19-005
Az: 183°
Dip: -65°
Length: 201 m

PAC-19-006
Az: 1°
Dip: -64.5°
Length: 225 m

Section Specifications:

Start pt. E, N	440944 m, 5643892 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

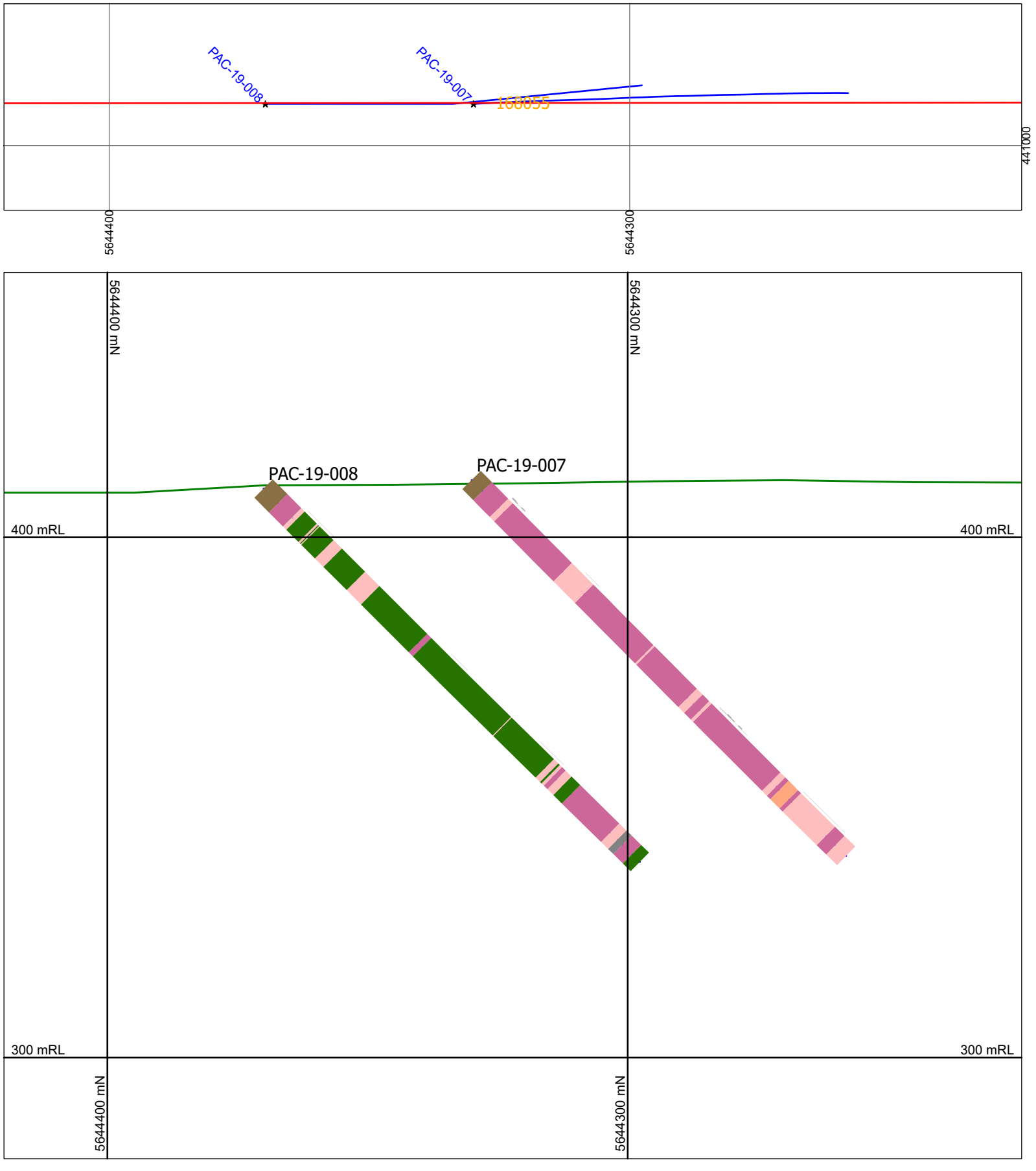
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.01 0.03 0.06 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-007		PAC-19-008	
Az:	177°	Az:	180°
Dip:	-45.5°	Dip:	-45°
Length:	102 m	Length:	102 m

Section Specifications:

Start pt. E, N	441008 m, 5643843 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

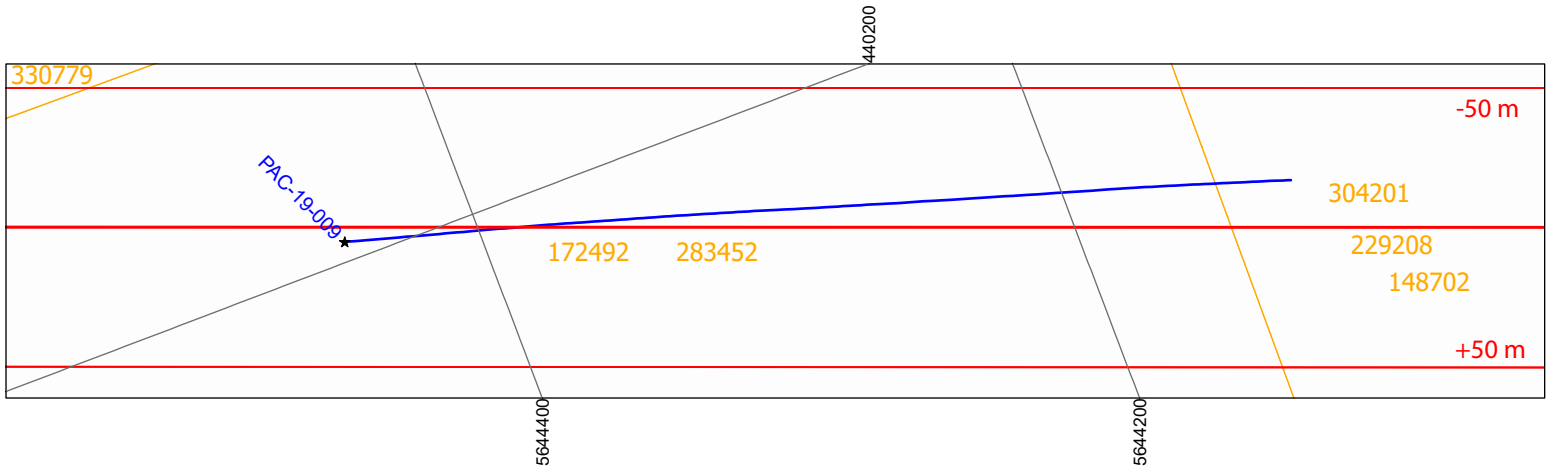
Pacton Gold Inc.

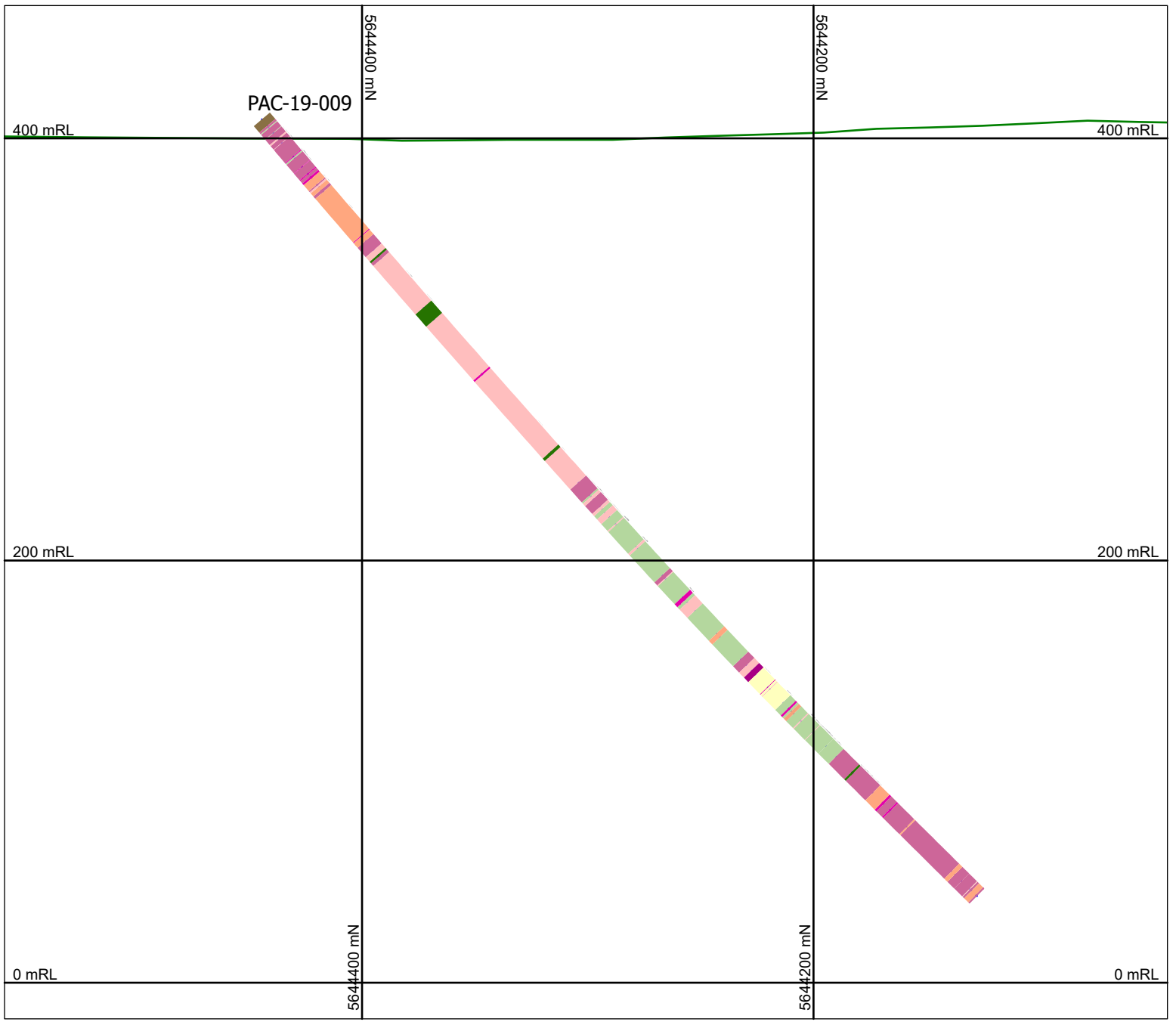
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.01 0.02 0.04 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-009

Az:	197°
Dip:	-49.7°
Length:	501 m

Section Specifications:

Start pt. E, N	439993 m, 5643868 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

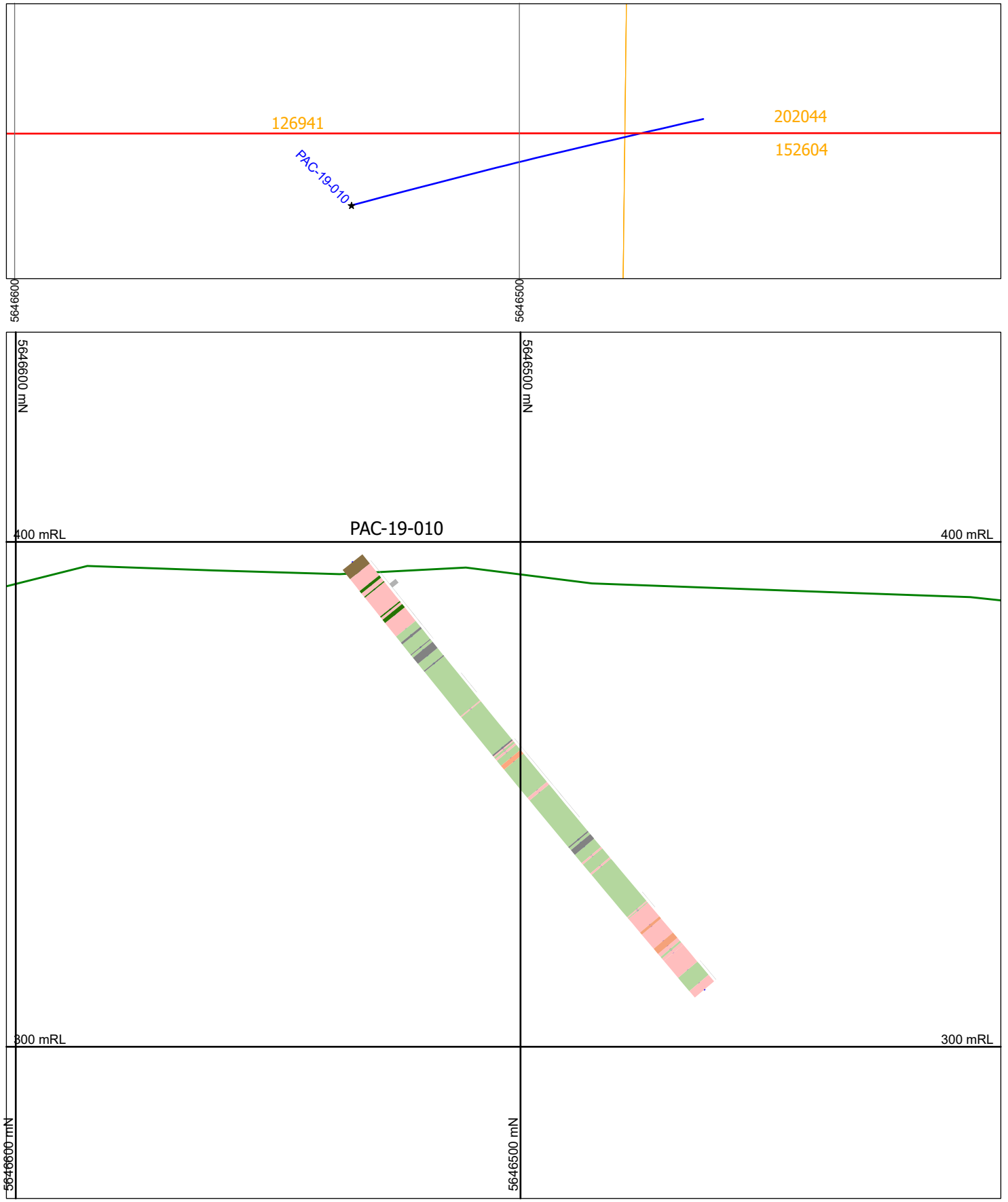
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-010

Az:	165°
Dip:	-50.5°
Length:	111 m

Section Specifications:

Start pt. E, N	438852 m, 5646034 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

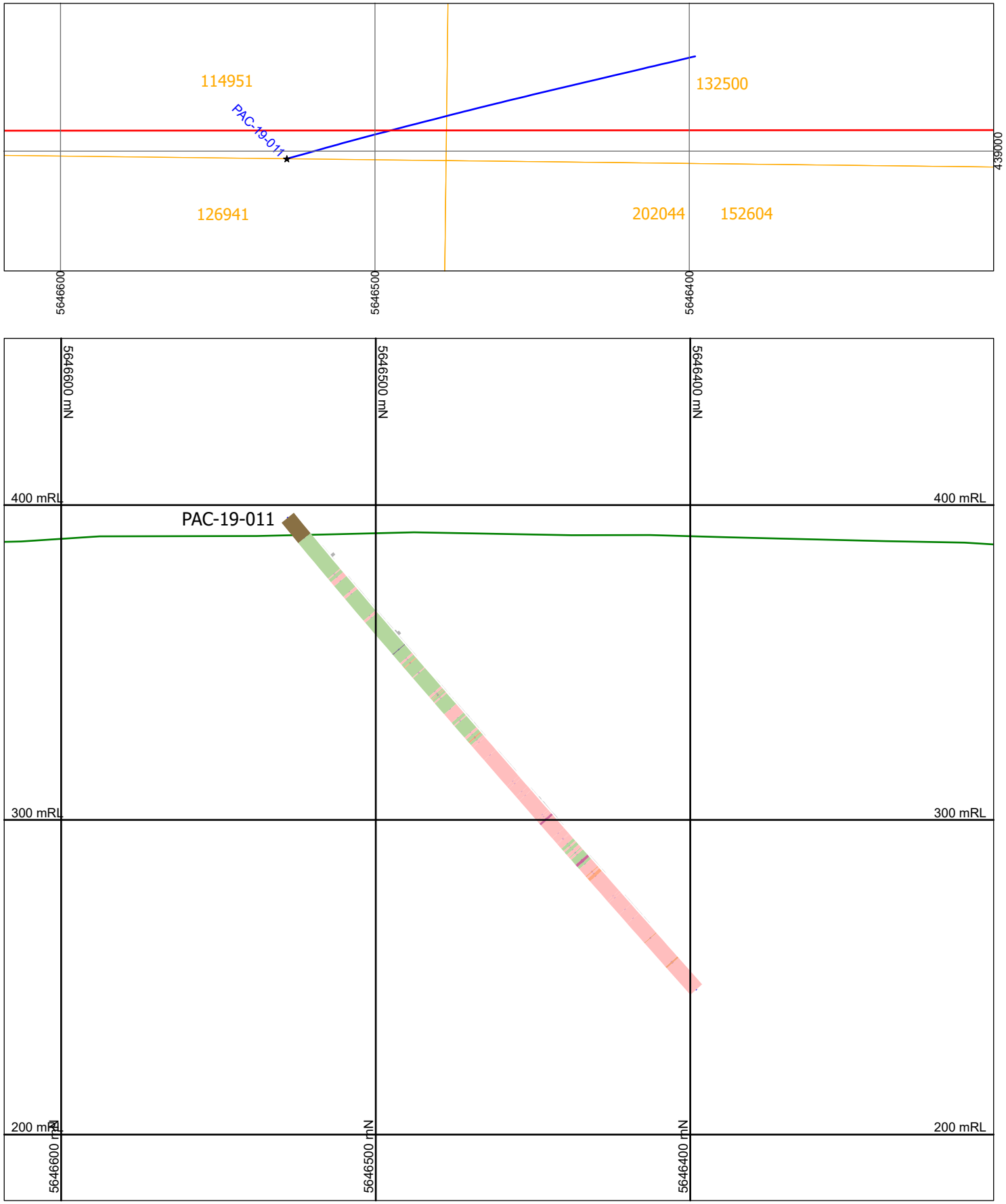
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.01 0.03 0.06 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

Holes Plotted:

PAC-19-011

Az:	165°
Dip:	-50°
Length:	201 m

Section Specifications:

Start pt. E, N	439007 m, 5645961 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

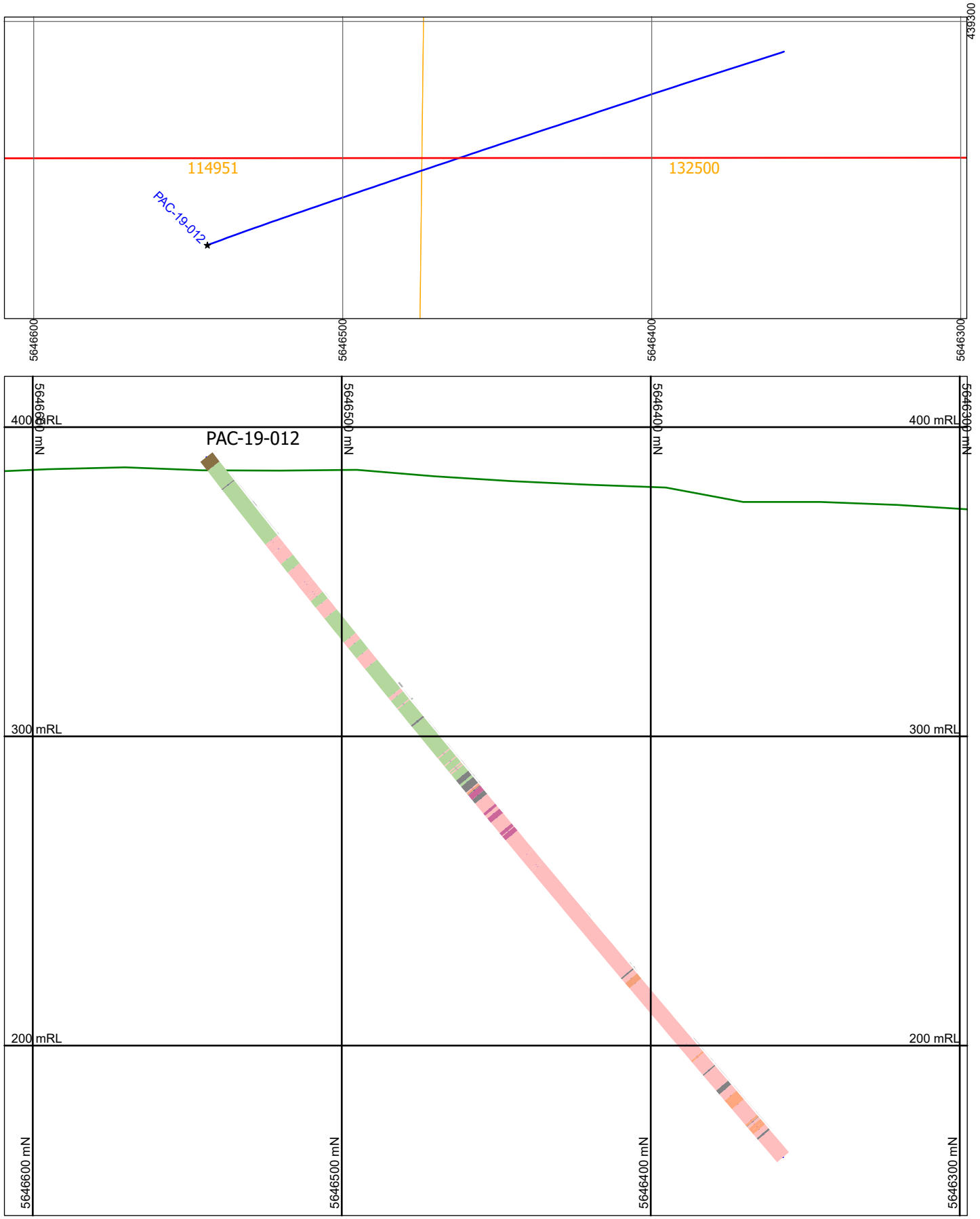
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-012

Az:	160°
Dip:	-50.3°
Length:	300 m

Section Specifications:

Start pt. E, N	439256 m, 5645770 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

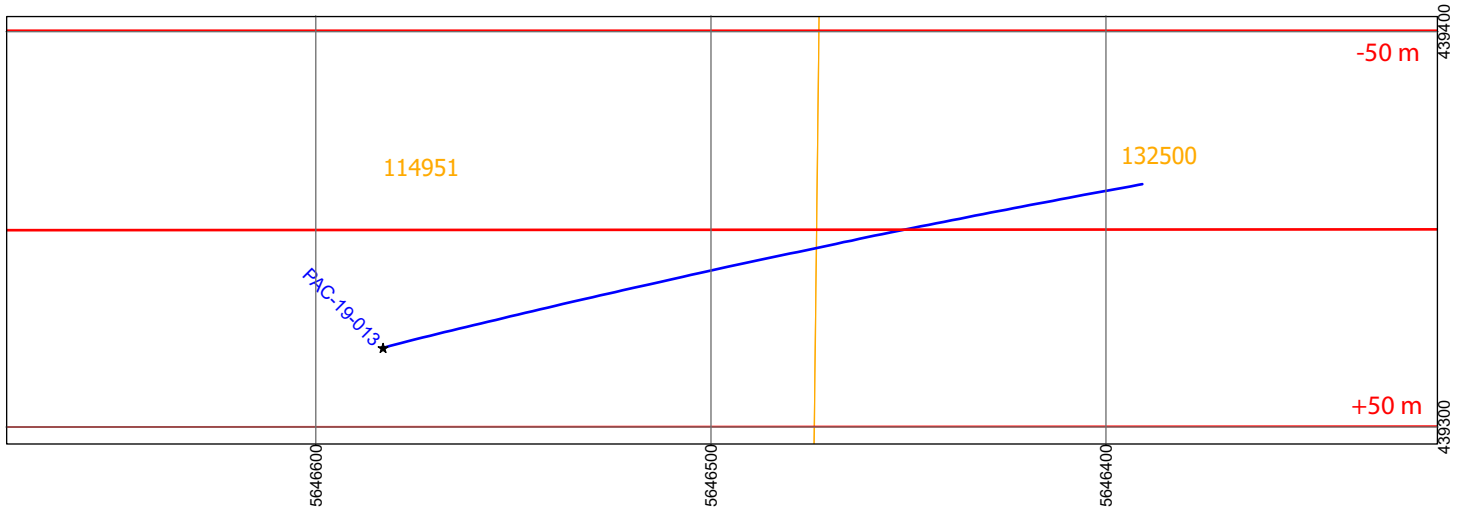
Pacton Gold Inc.

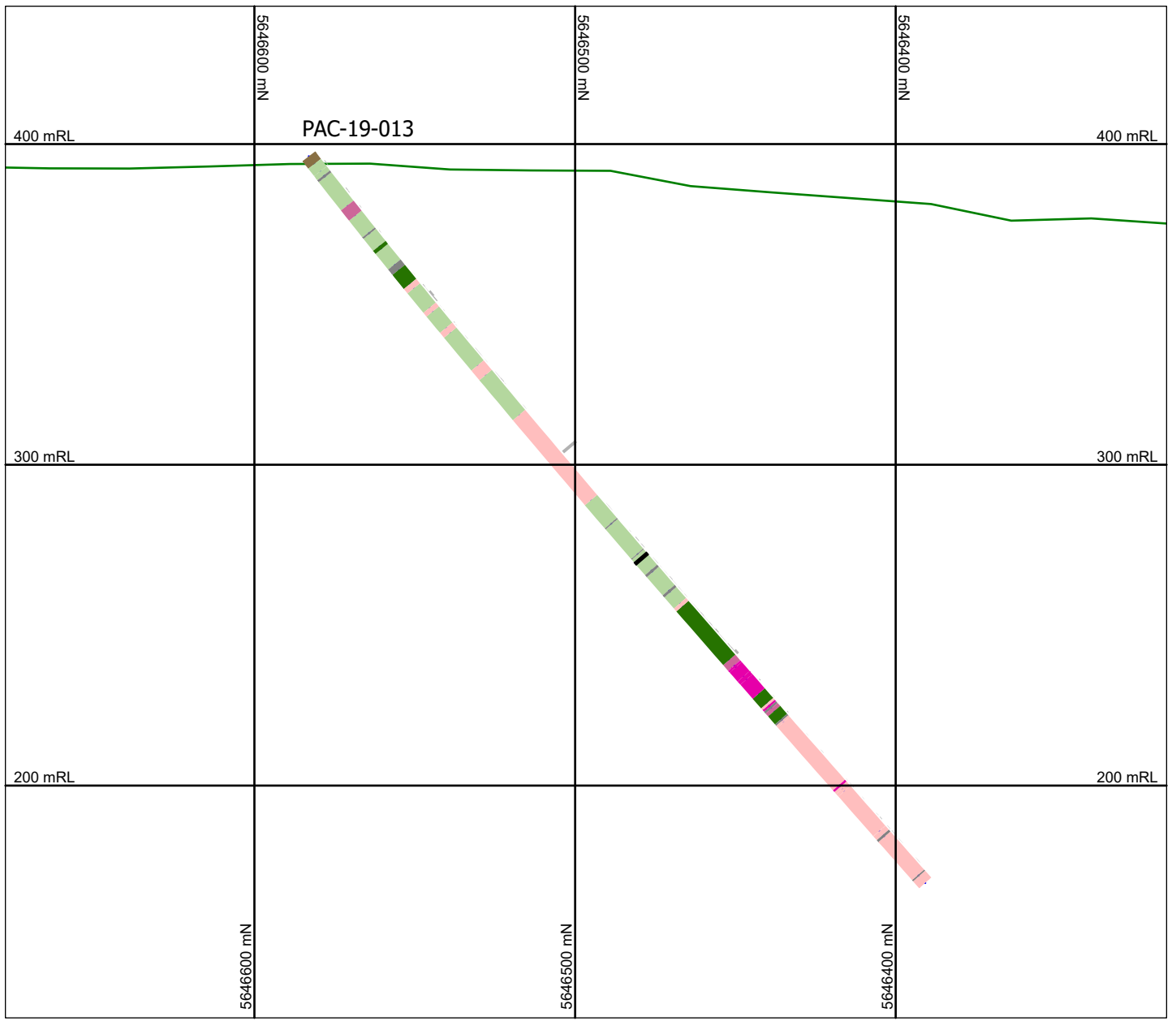
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-013

Az:	164°
Dip:	-51.5°
Length:	300 m

Section Specifications:

Start pt. E, N	439350 m, 5645764 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

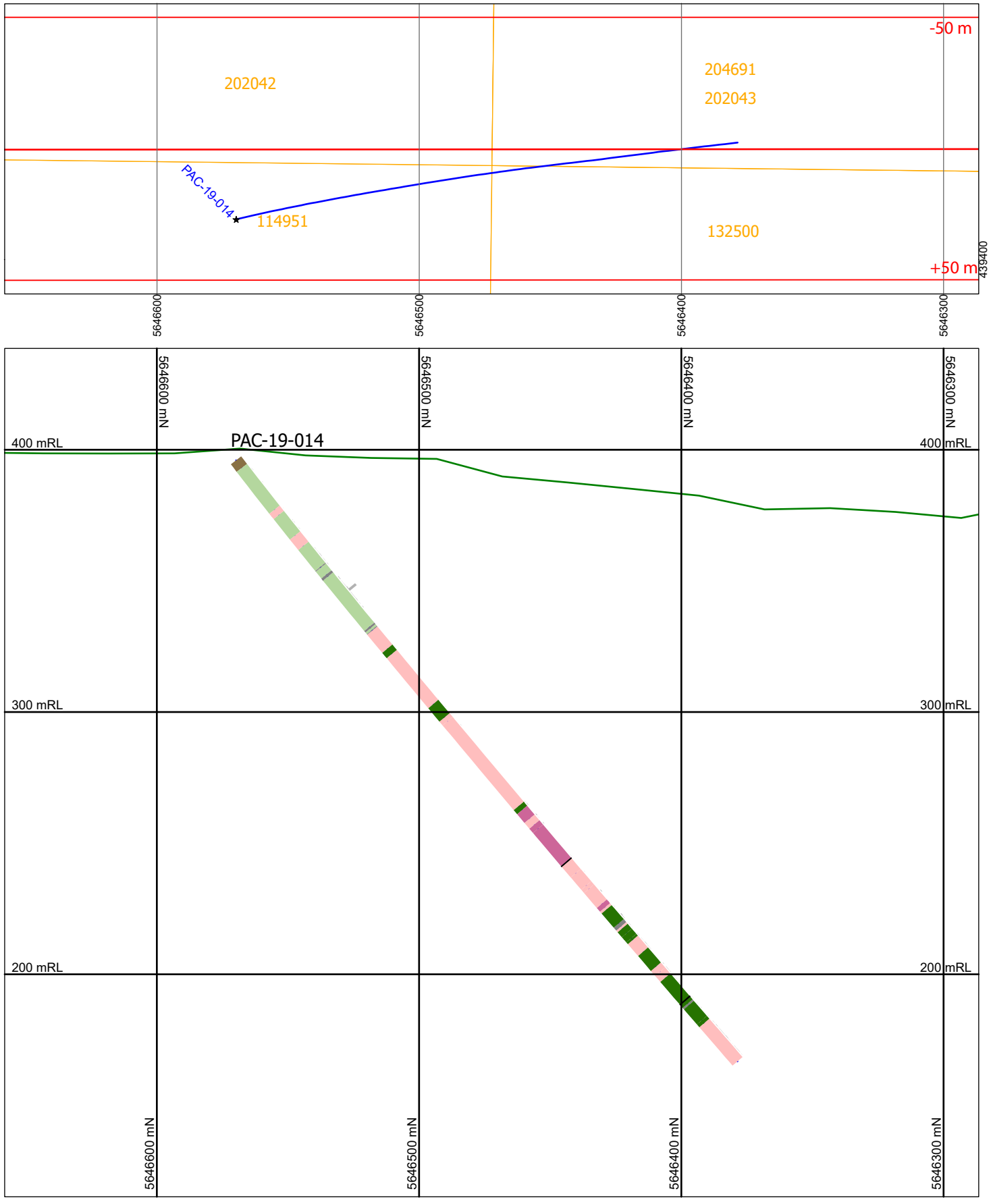
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-014

Az:	166°
Dip:	-52.4°
Length:	300 m

Section Specifications:

Start pt. E, N	439442 m, 5645868 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

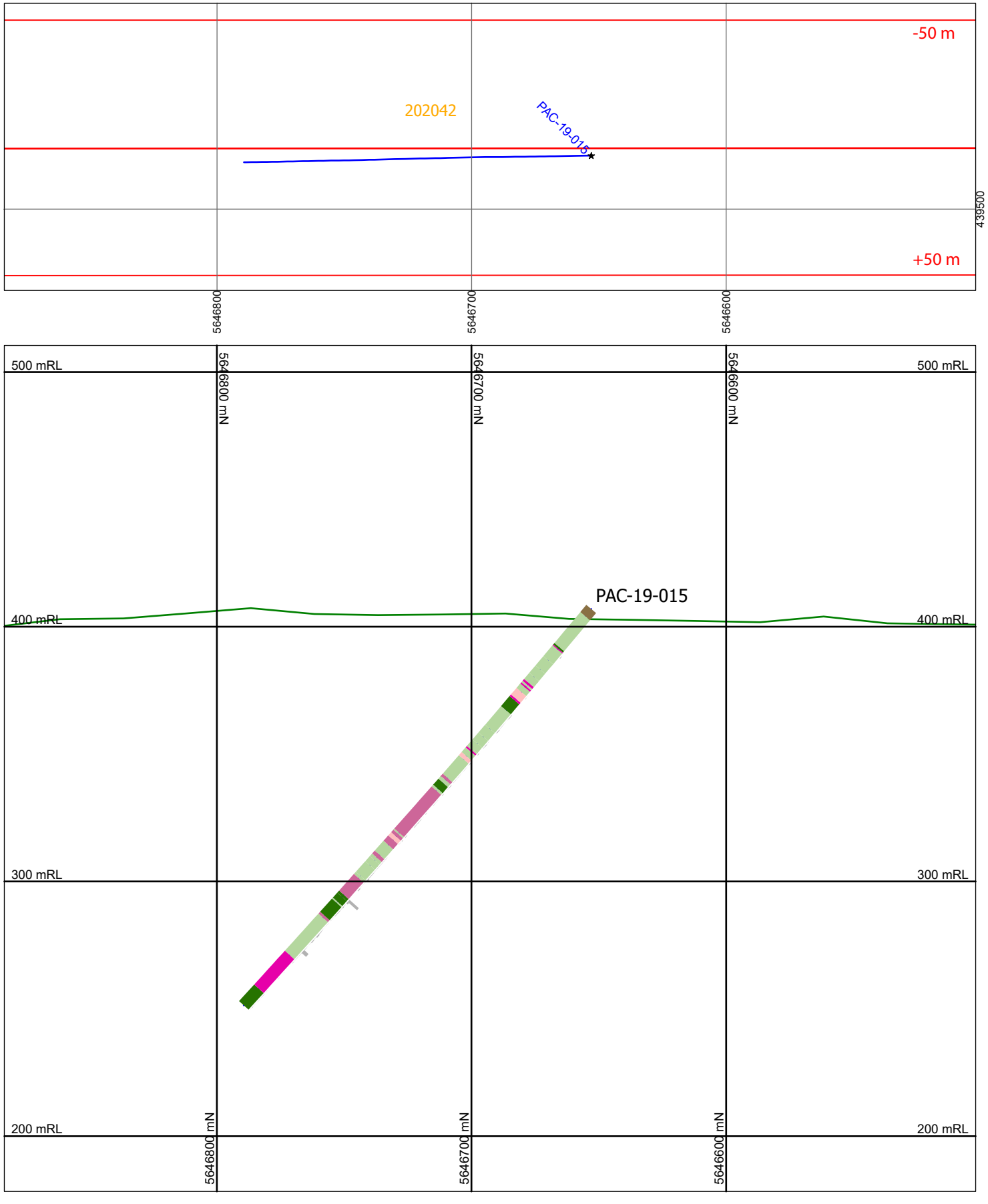
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-015

Az:	359°
Dip:	-50.3°
Length:	207 m

Section Specifications:

Start pt. E, N	439524 m, 5646112 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

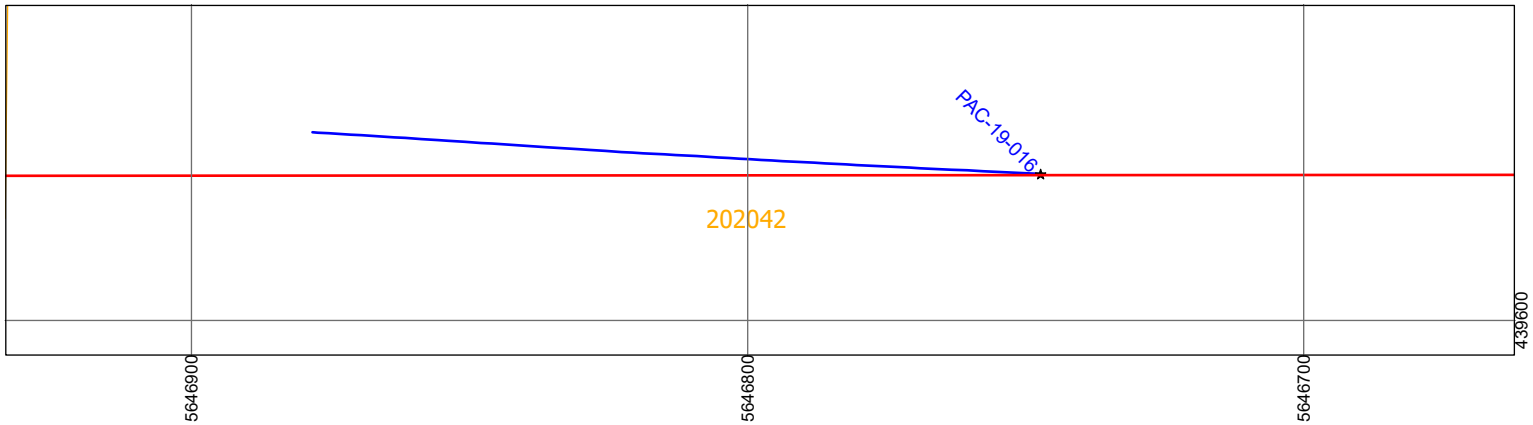
Pacton Gold Inc.

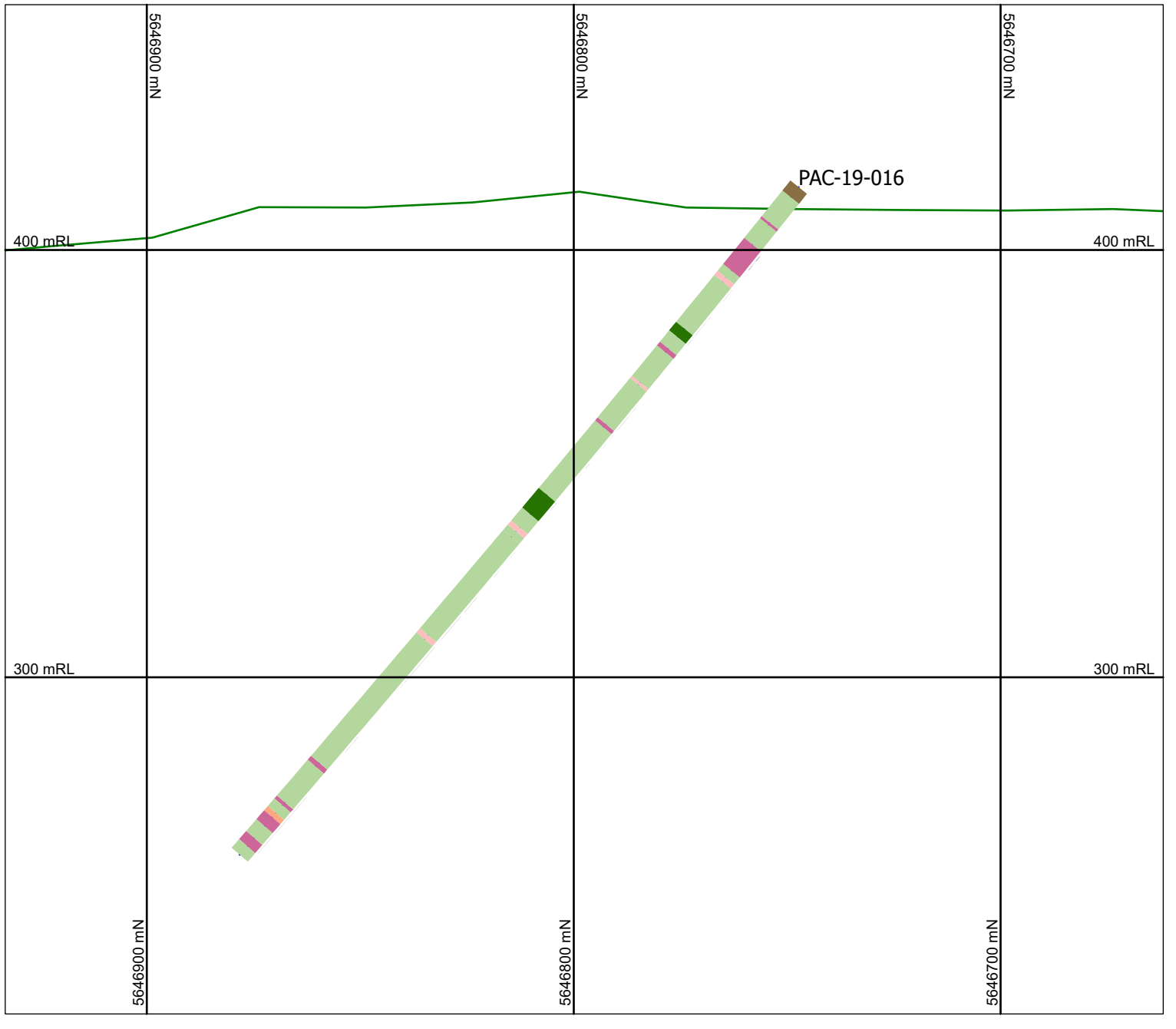
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-19-016

Az:	4°
Dip:	-51.2°
Length:	204 m

Section Specifications:

Start pt. E, N	439626 m, 5646249 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

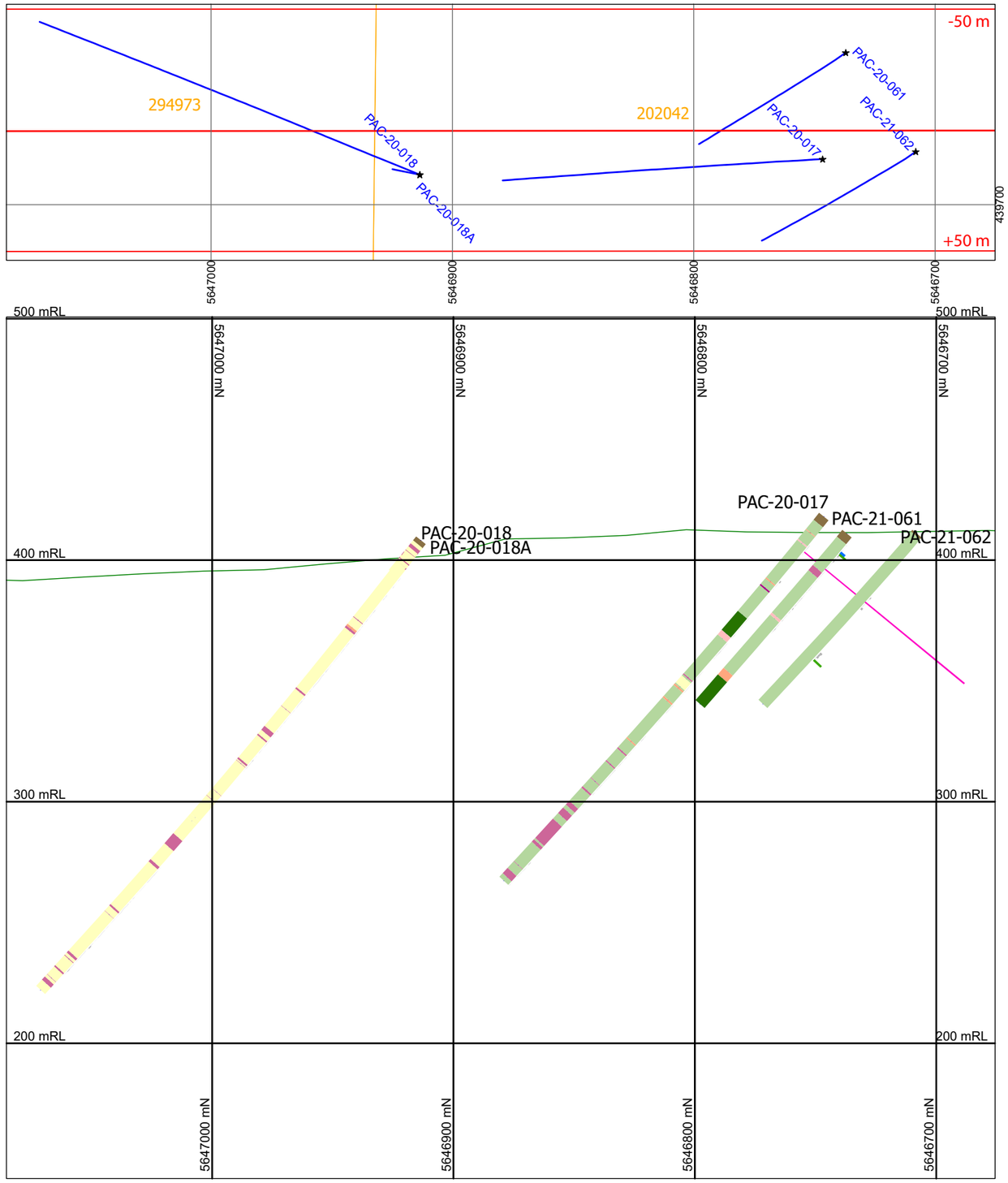
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10
- <= 1000

Holes Plotted:

PAC-19-017		PAC-19-018	
Az:	357°	Az:	11°
Dip:	-51°	Dip:	-50°
Length:	201 m	Length:	18 m

PAC-19-018A		PAC-19-061	
Az:	22°	Az:	325°
Dip:	-50°	Dip:	-45°
Length:	252 m	Length:	100.6 m

PAC-19-062	
Az:	325°
Dip:	-45°
Length:	102 m

N

Section Specifications:

Start pt. E, N	439731 m, 5646304 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

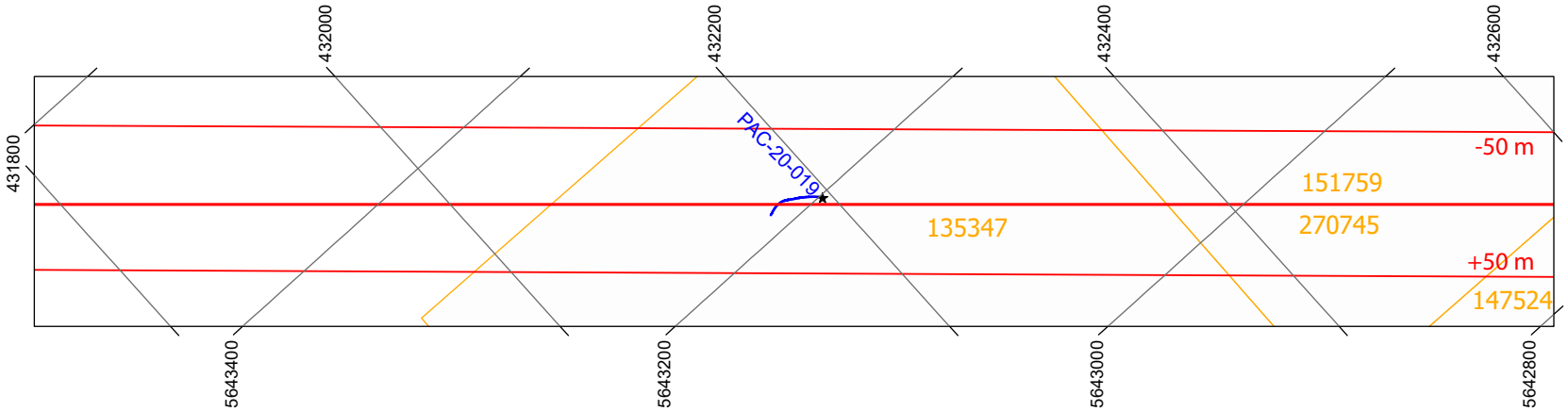
Pacton Gold Inc.

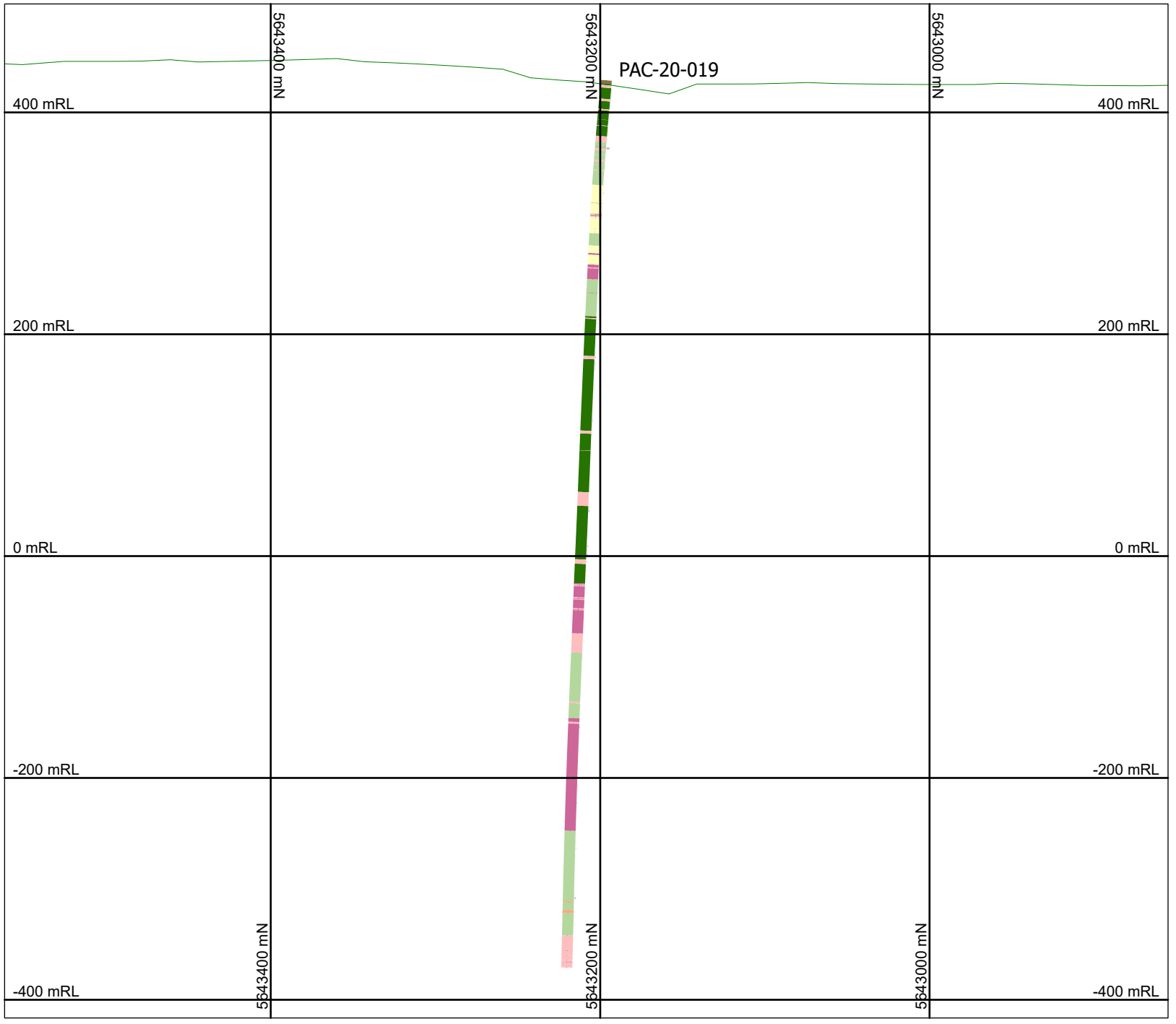
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-019

Az:	330°
Dip:	-85°
Length:	801 m

Section Specifications:

Start pt. E, N	432518 m, 5642900 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

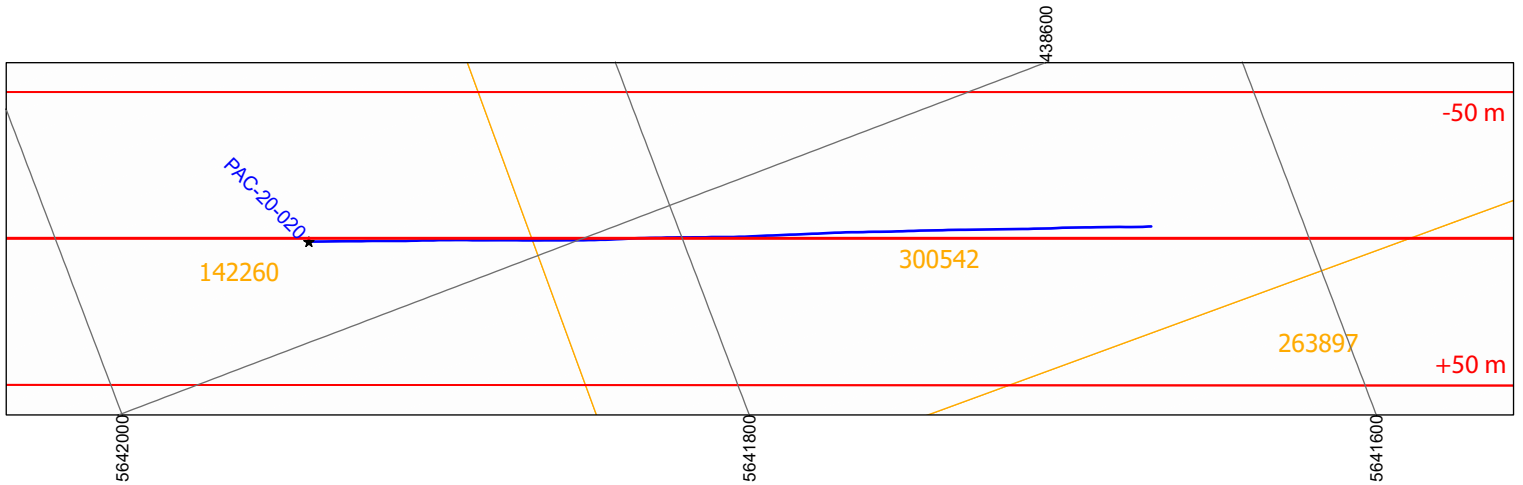
Pacton Gold Inc.

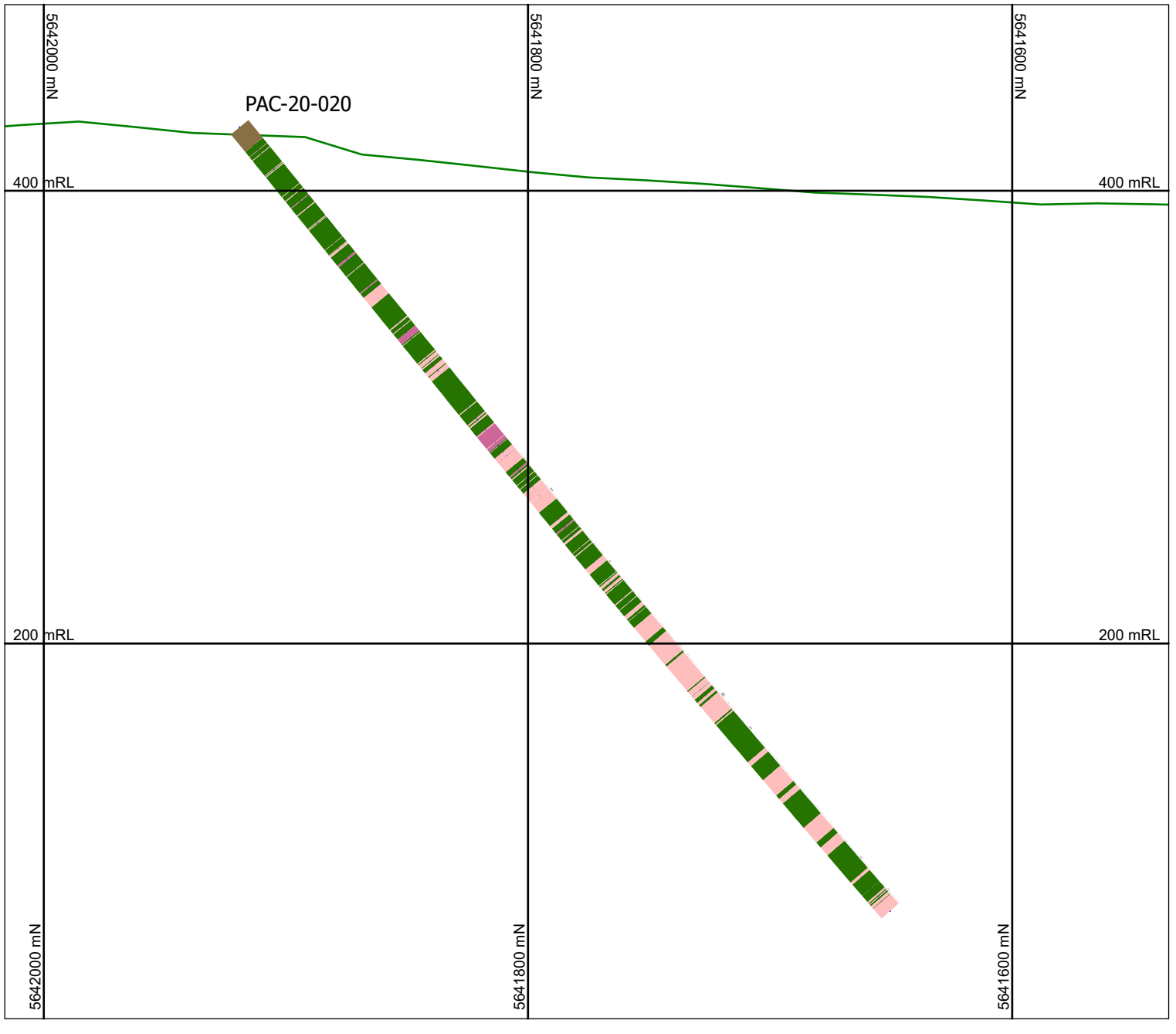
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.07 0.15 0.3 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-020

Az:	200°
Dip:	-51°
Length:	450 m

Section Specifications:

Start pt. E, N	438437 m, 5641401 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

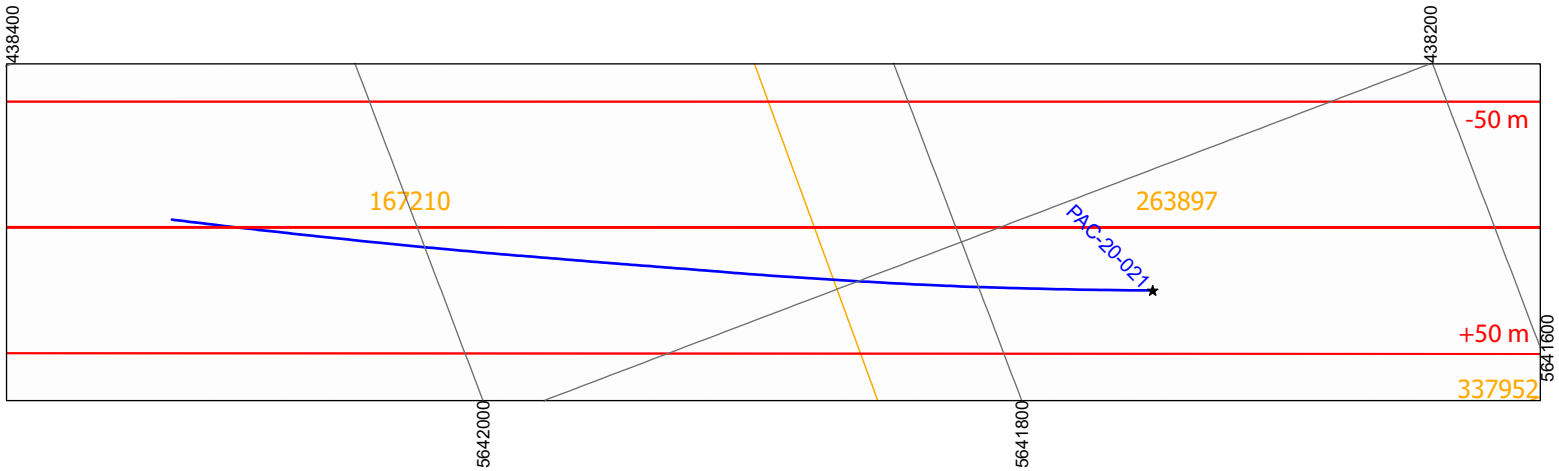
Pacton Gold Inc.

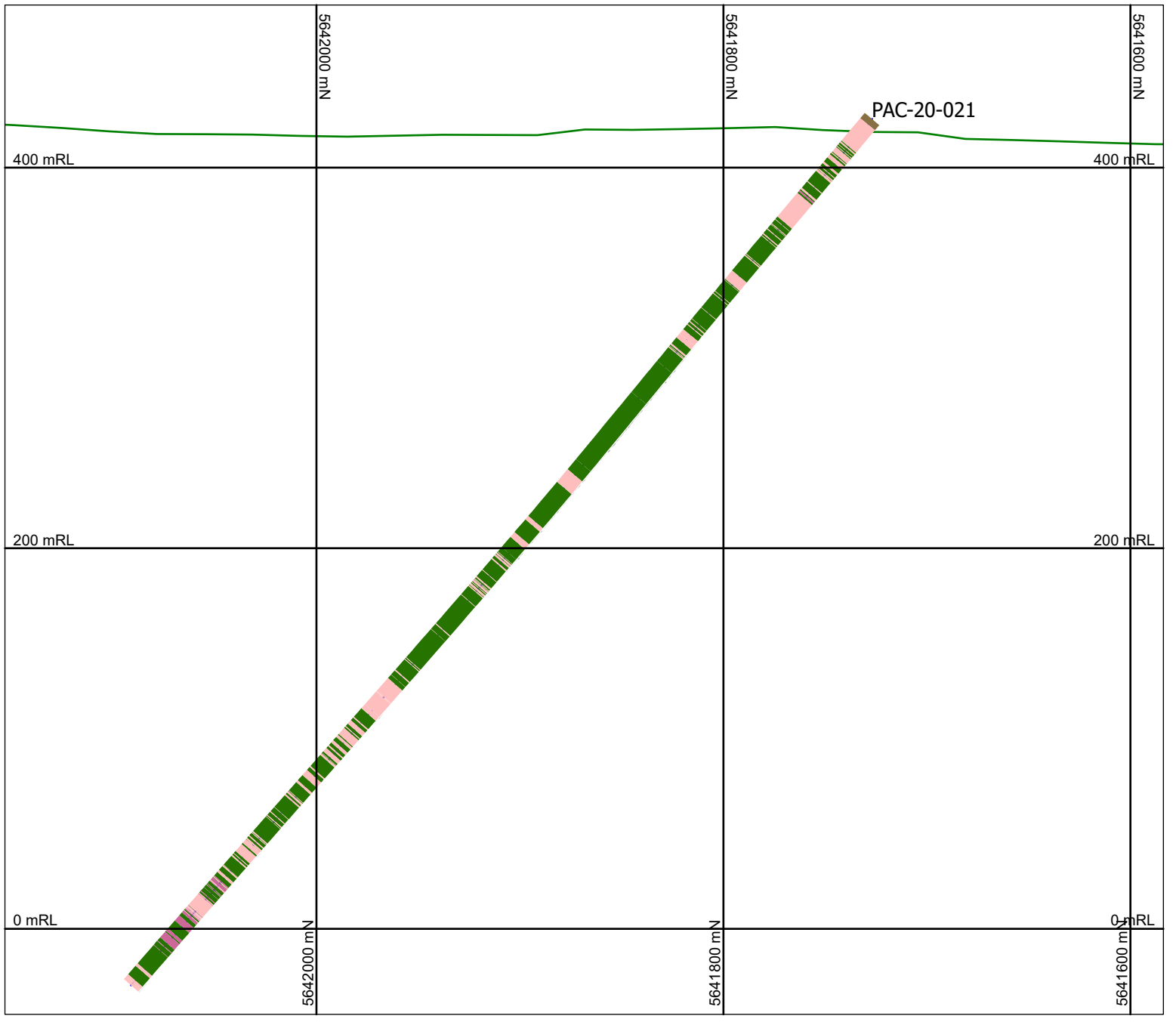
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.06 0.12 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-021

Az:	21°
Dip:	-50°
Length:	600 m

Section Specifications:

Start pt. E, N	438099 m, 5641517 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

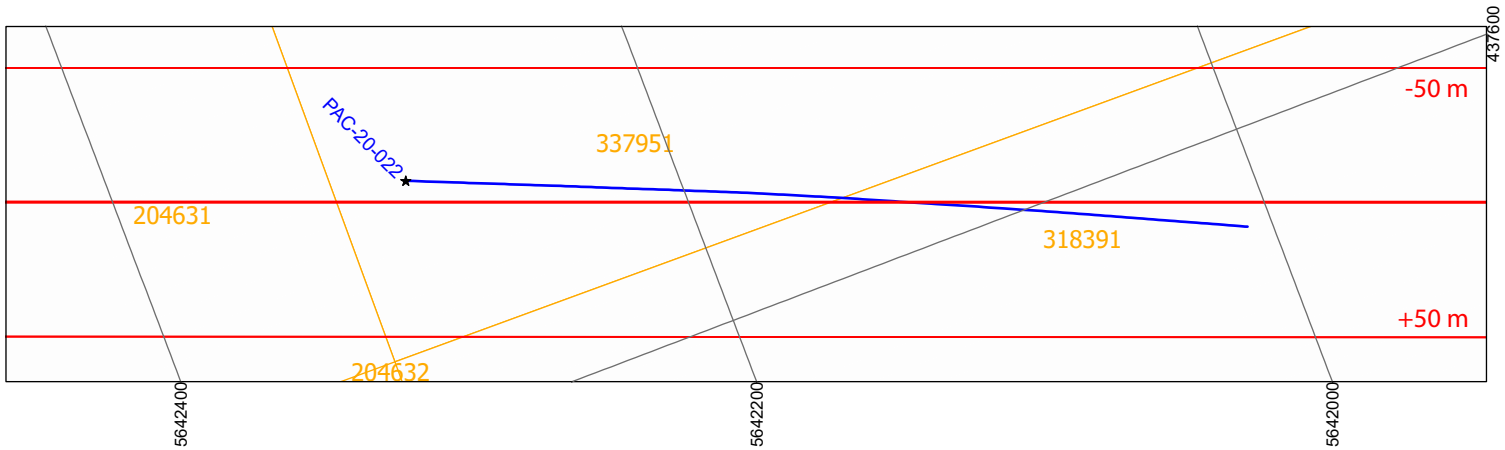
Pacton Gold Inc.

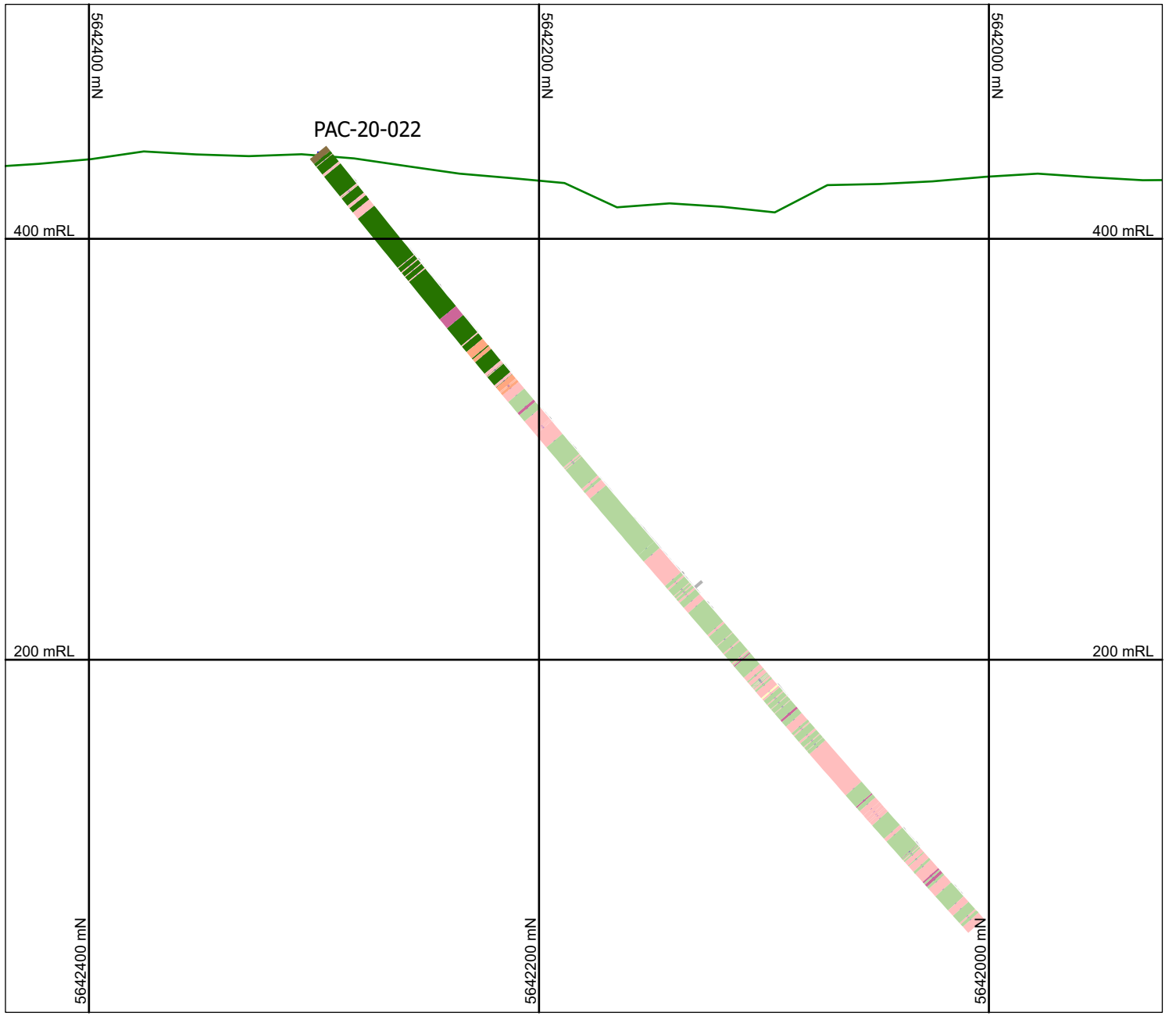
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.05 0.1 0.2 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-022

Az:	203°
Dip:	-51°
Length:	483 m

Section Specifications:

Start pt. E, N	437465 m, 5641721 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

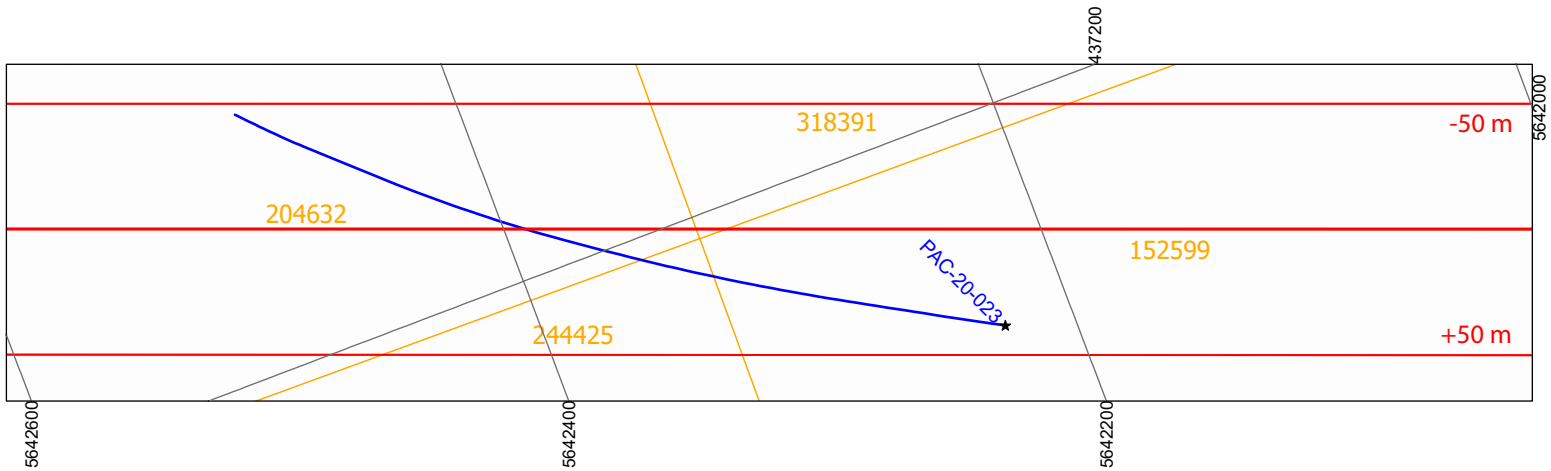
Pacton Gold Inc.

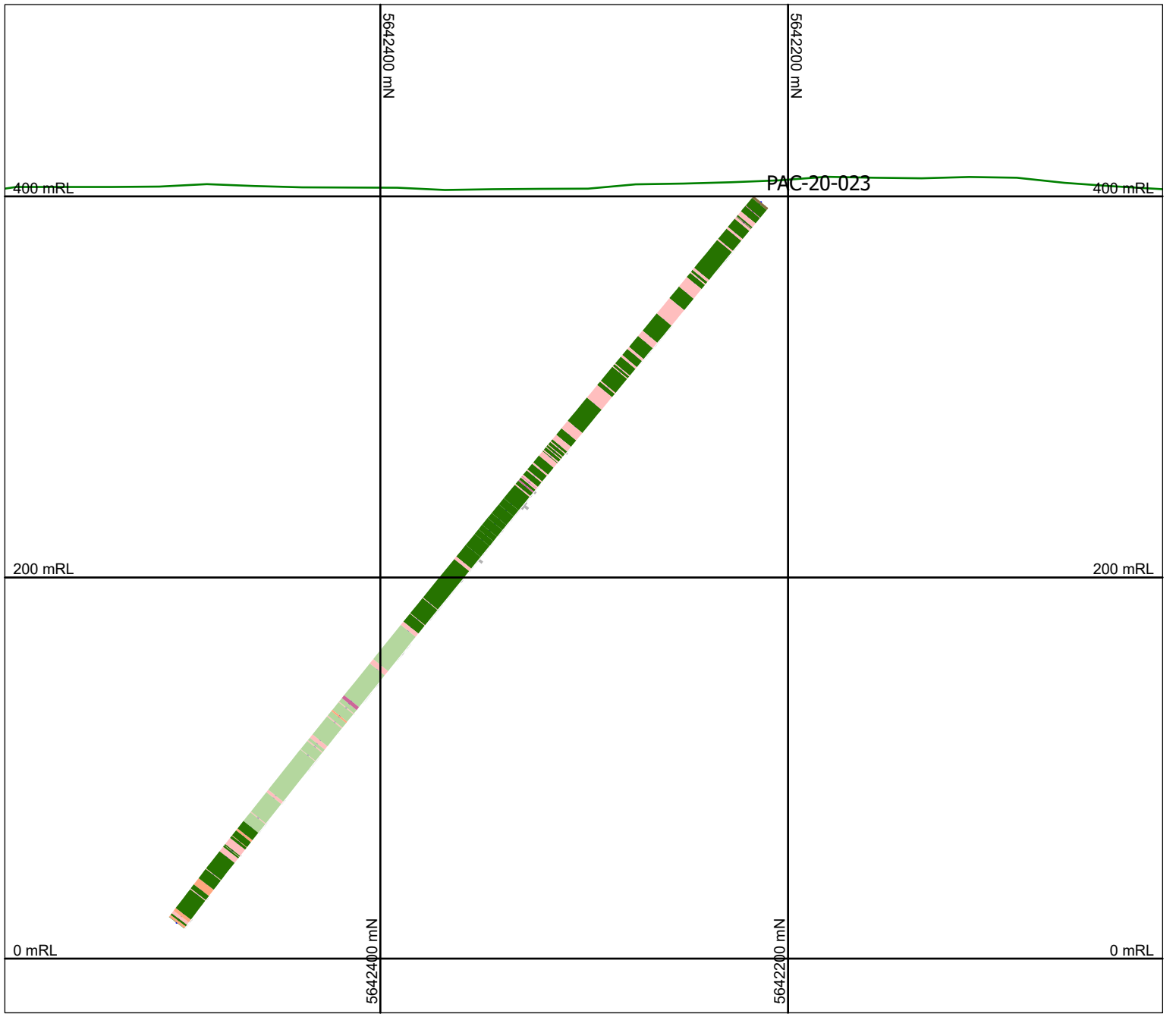
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.06 0.12 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-023

Az:	28°
Dip:	-50°
Length:	495 m

Section Specifications:

Start pt. E, N	437041 m, 5641923 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

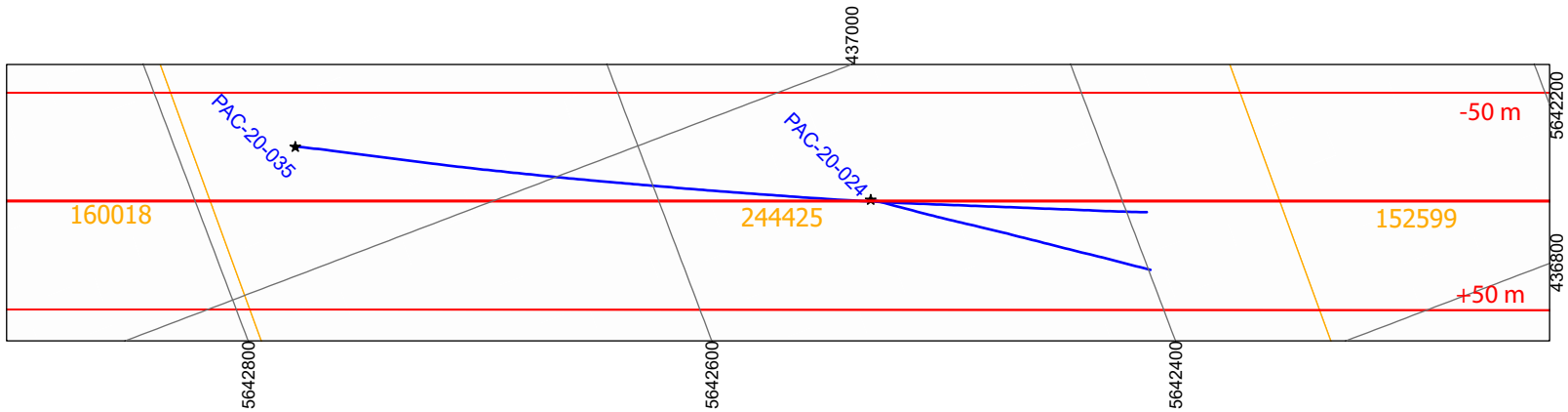
Pacton Gold Inc.

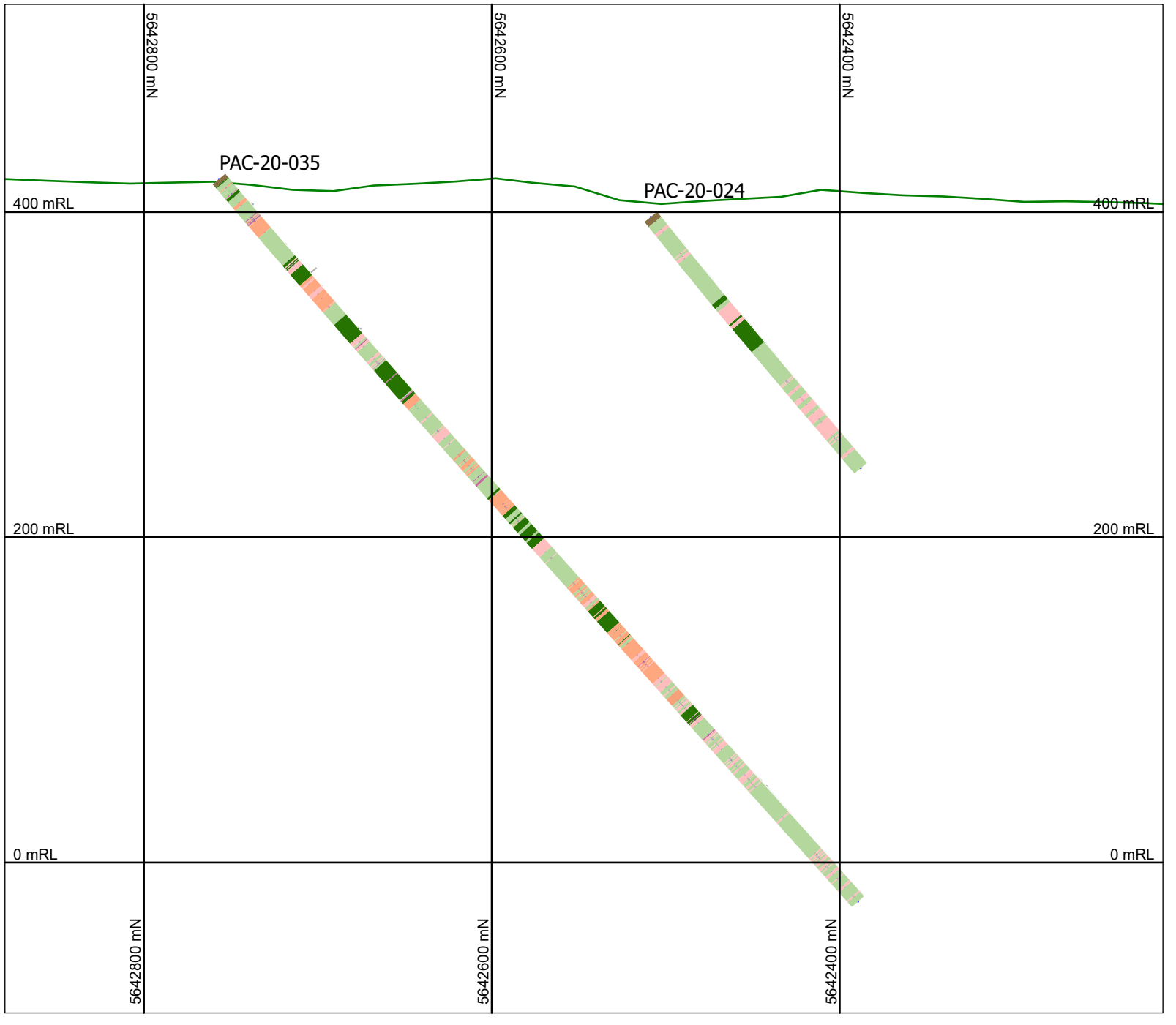
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-024		**PAC-20-035**	
Az:	216°	Az:	207°
Dip:	-50°	Dip:	-50°
Length:	204 m	Length:	594 m

Section Specifications:

Start pt. E, N	436812 m, 5642177 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

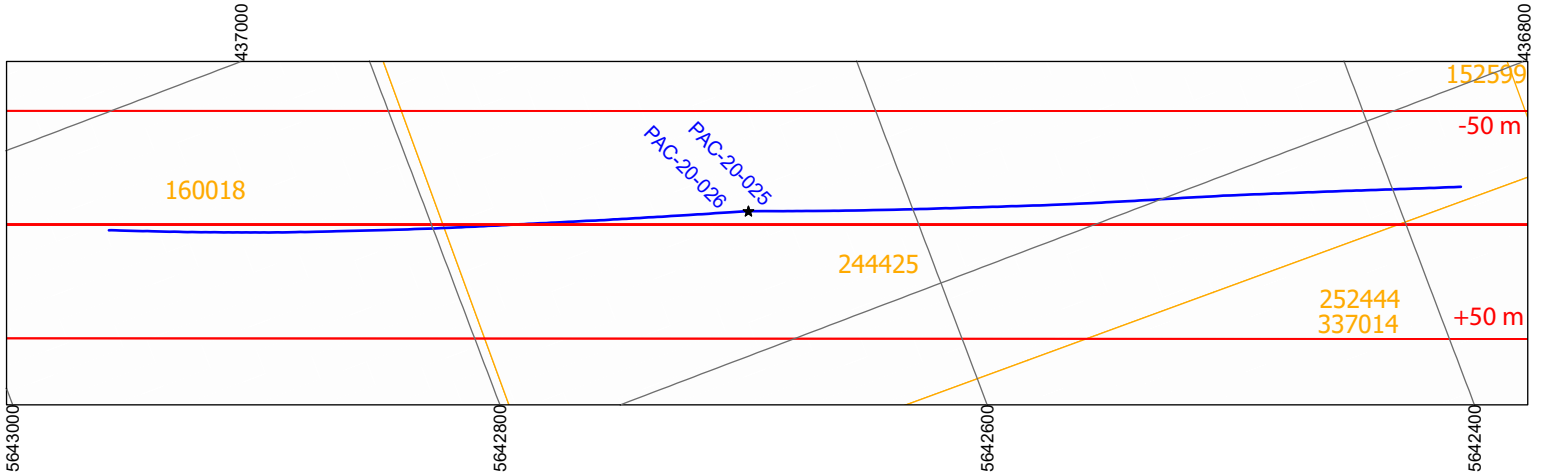
Pacton Gold Inc.

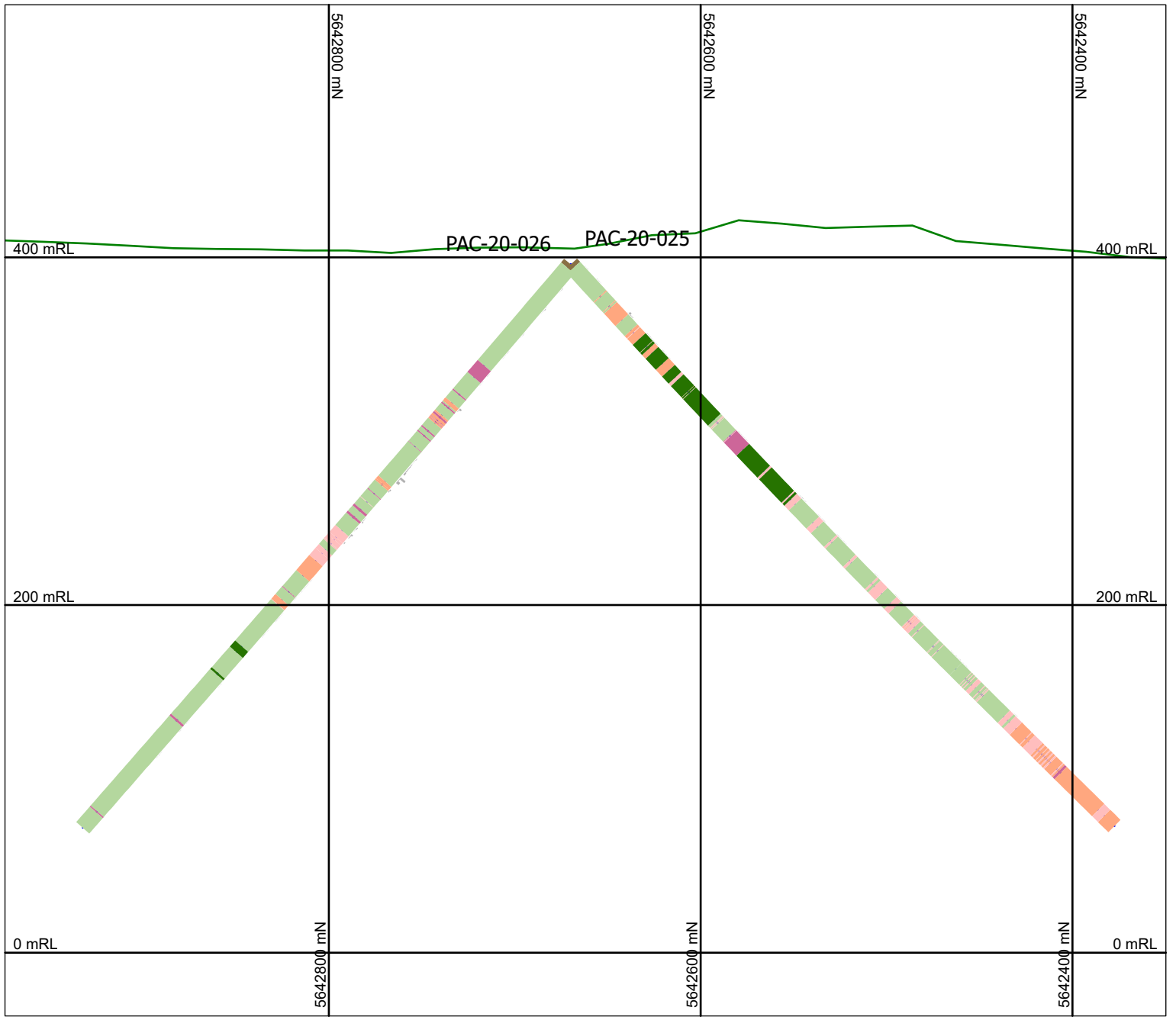
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.05 0.1 0.2 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

Holes Plotted:

PAC-20-025		PAC-20-026	
Az:	201°	Az:	17°
Dip:	-48°	Dip:	-50°
Length:	450 m	Length:	429 m

Section Specifications:

Start pt. E, N	436687 m, 5642231 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

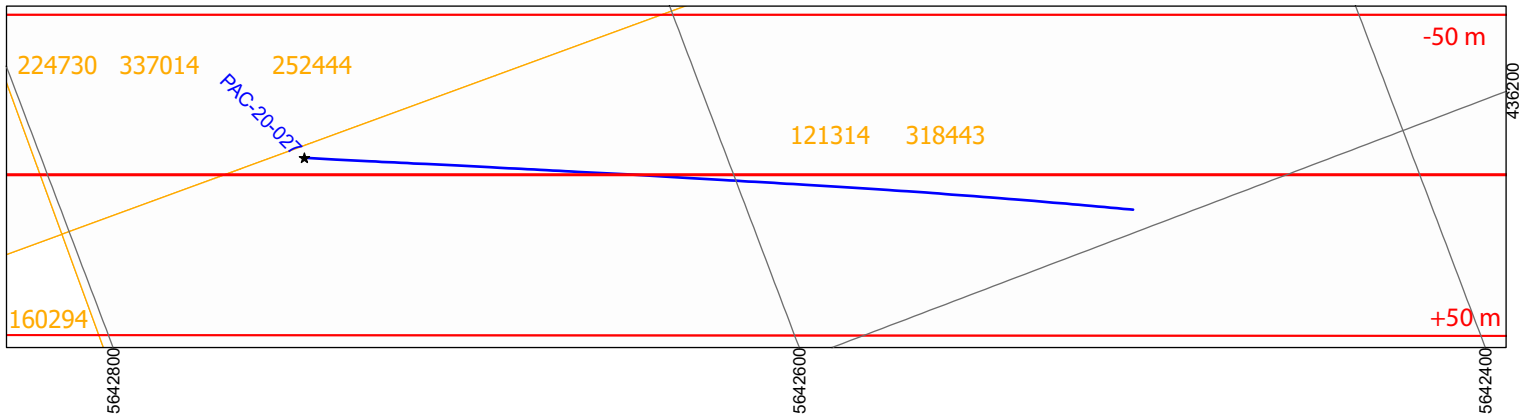
Pacton Gold Inc.

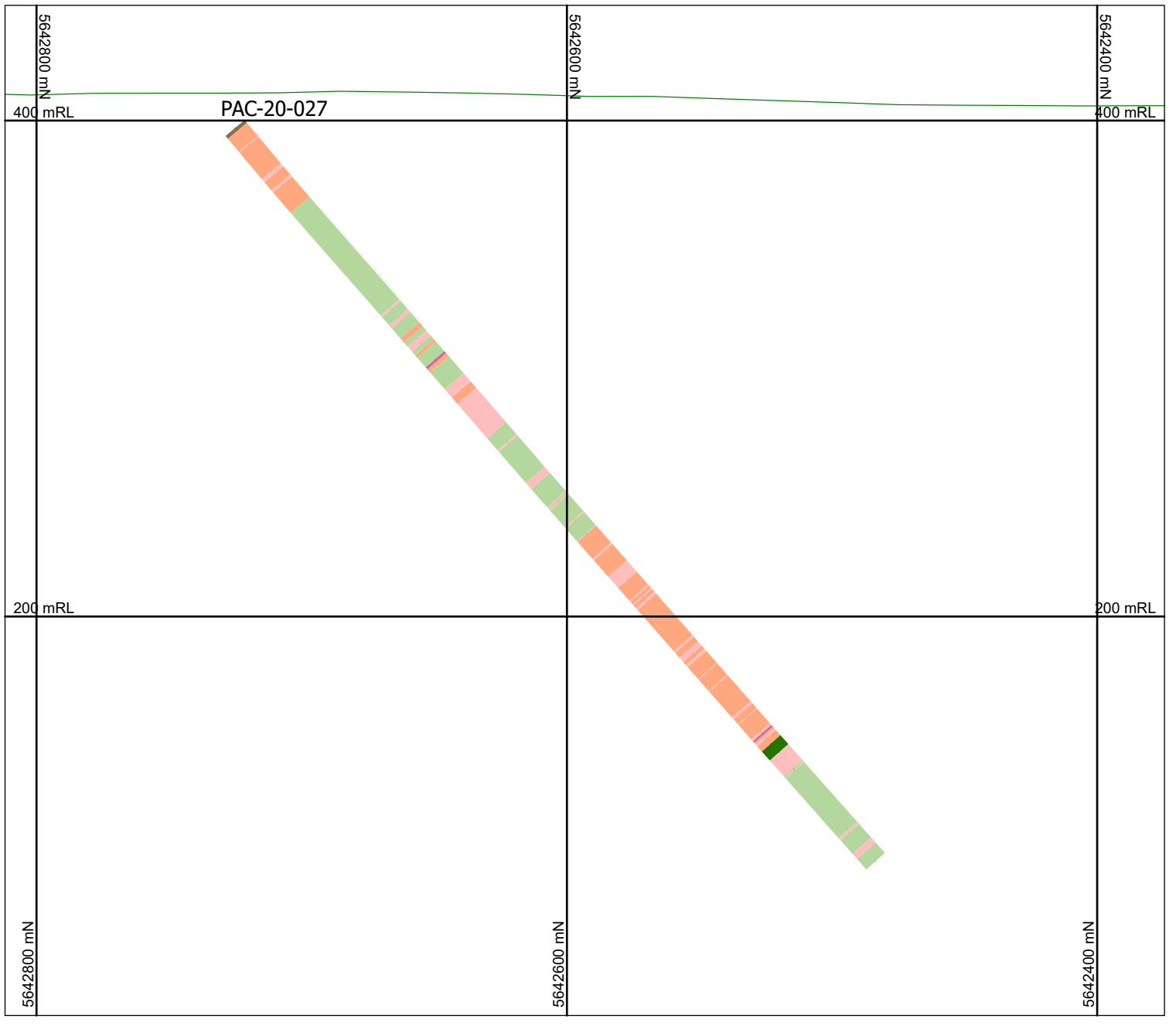
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.05 0.1 0.2 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-028

Az:	204°
Dip:	-50°
Length:	393 m

Section Specifications:

Start pt. E, N	436116 m, 5642218 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

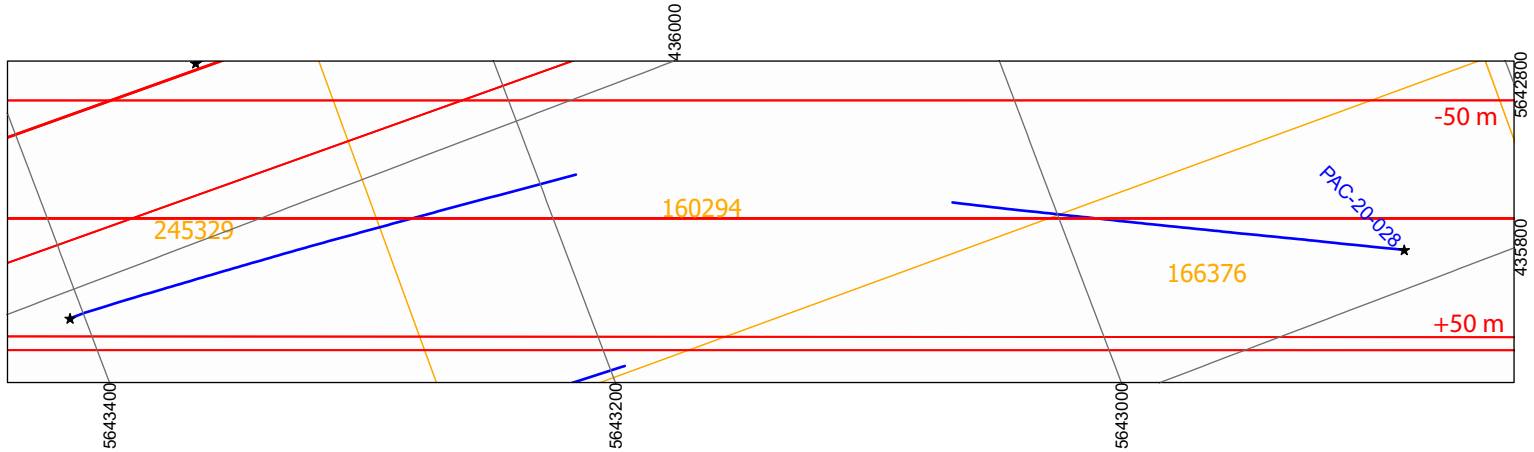
Pacton Gold Inc.

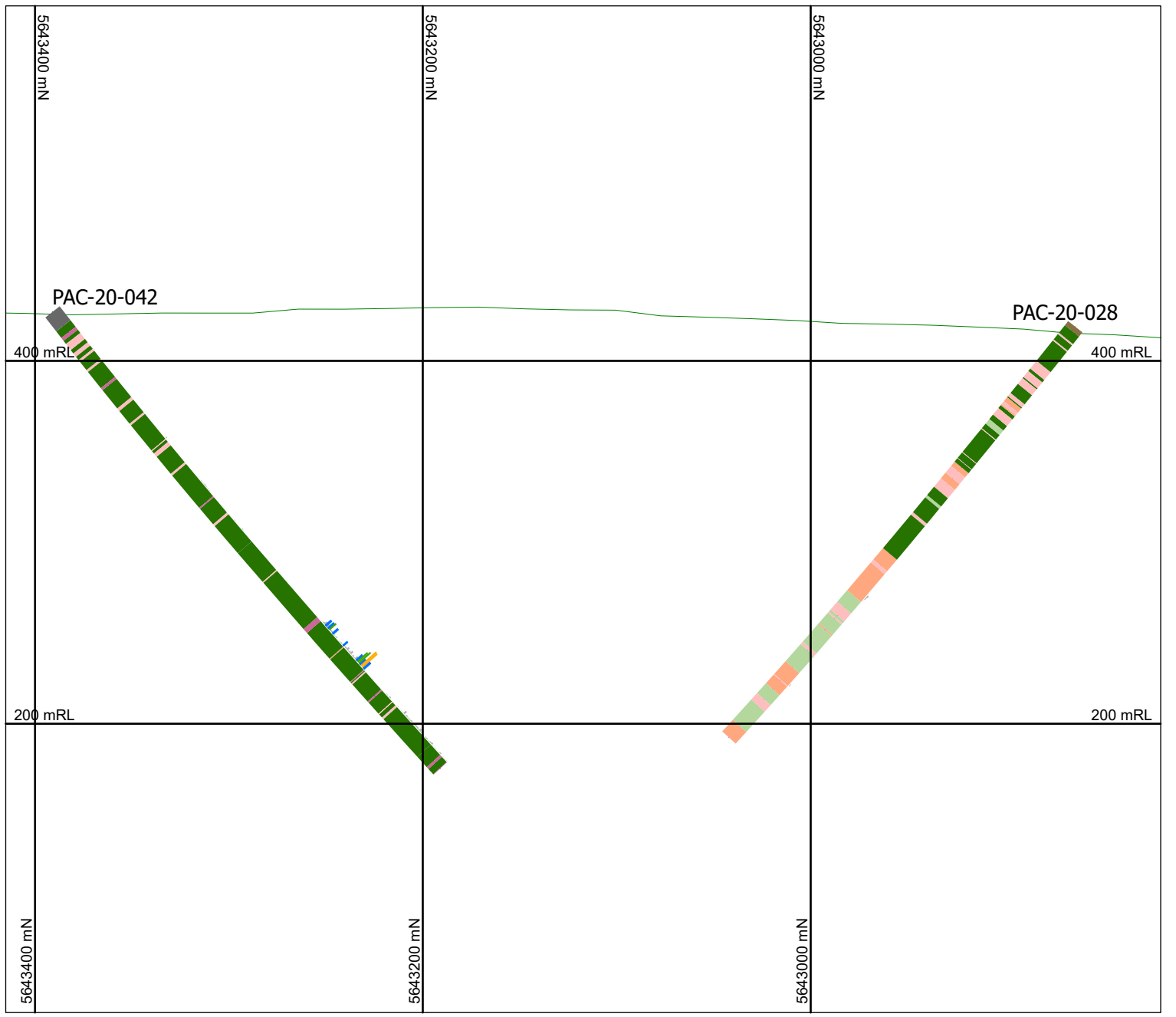
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-028		**PAC-20-042**	
Az:	26°	Az:	180°
Dip:	-51°	Dip:	-50°
Length:	297 m	Length:	336 m

Section Specifications:

Start pt. E, N	435758 m, 5642680 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

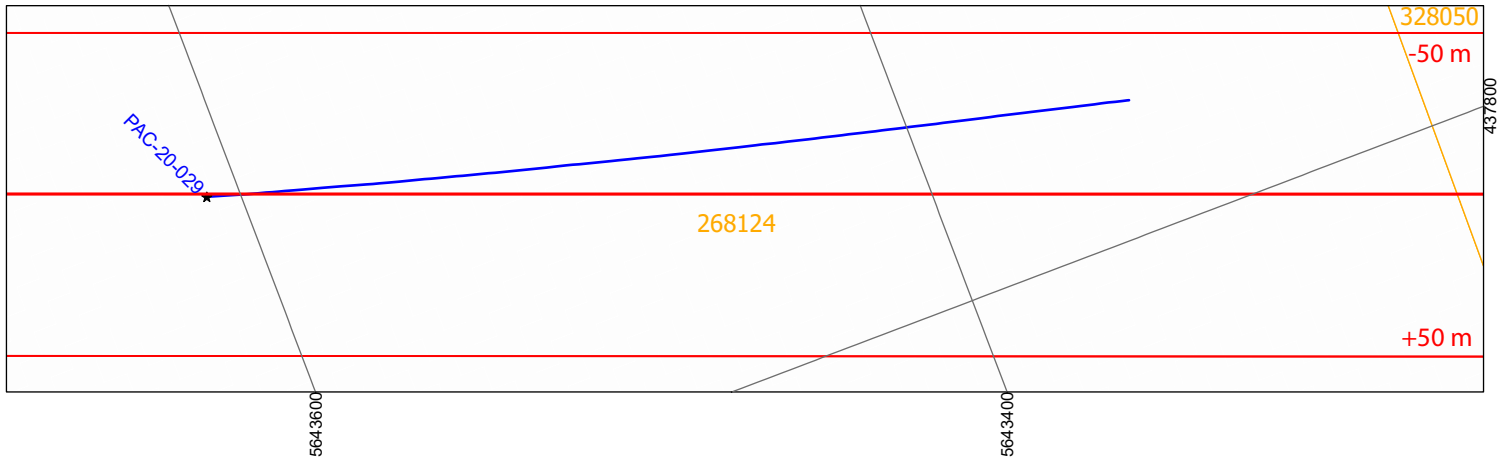
Pacton Gold Inc.

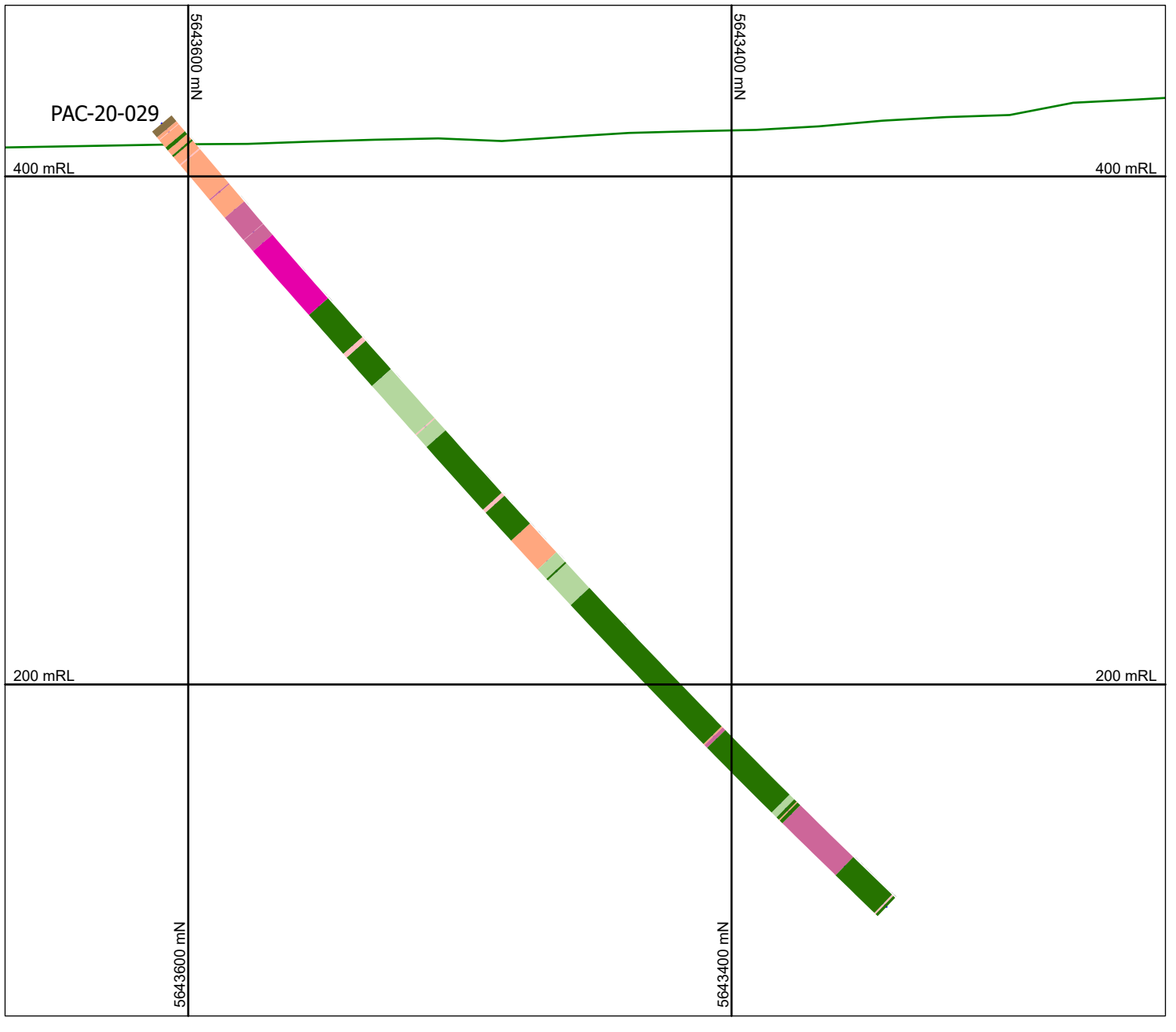
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.05 0.1 0.2 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-029

Az:	197°
Dip:	-50°
Length:	421.5 m

Section Specifications:

Start pt. E, N	437752 m, 5643181 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

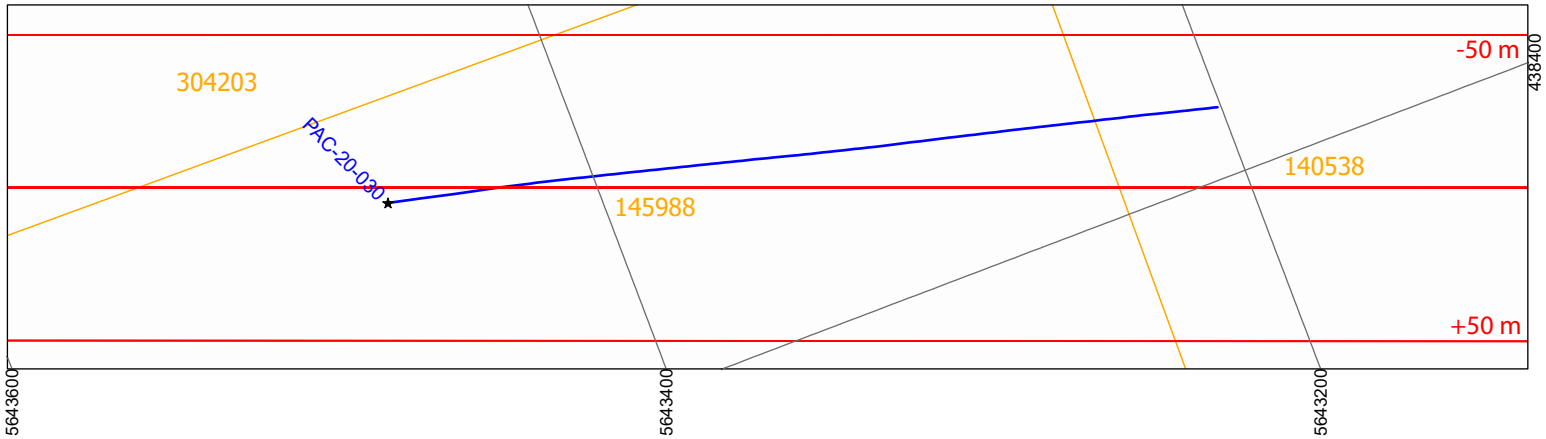
Pacton Gold Inc.

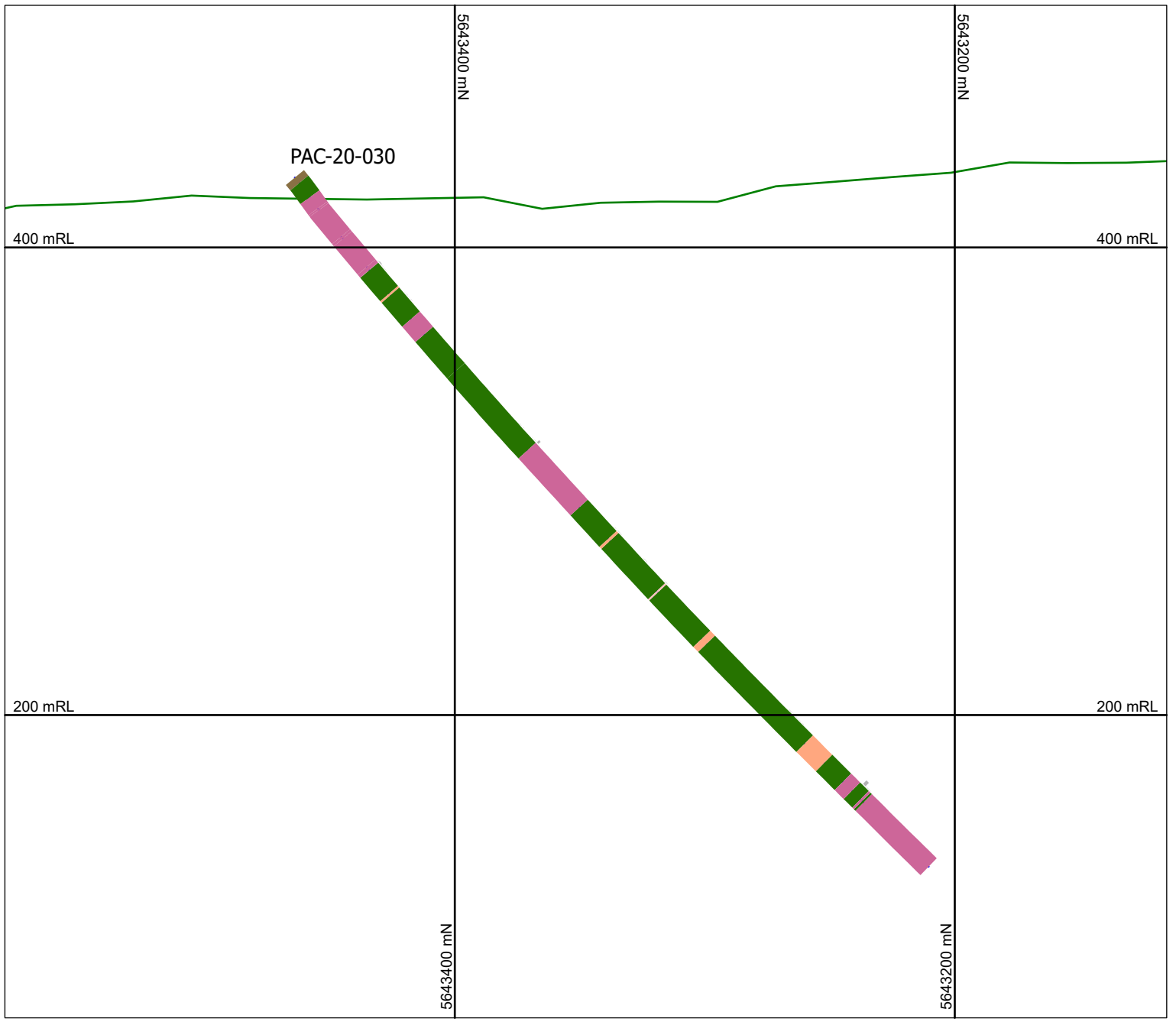
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





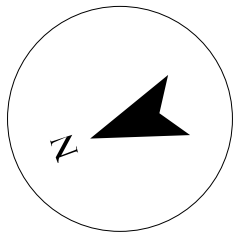
PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10



Holes Plotted:

PAC-20-030

Az:	193°
Dip:	-50°
Length:	402 m

Section Specifications:

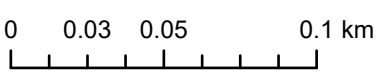
Start pt. E, N	438332 m, 5643038 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

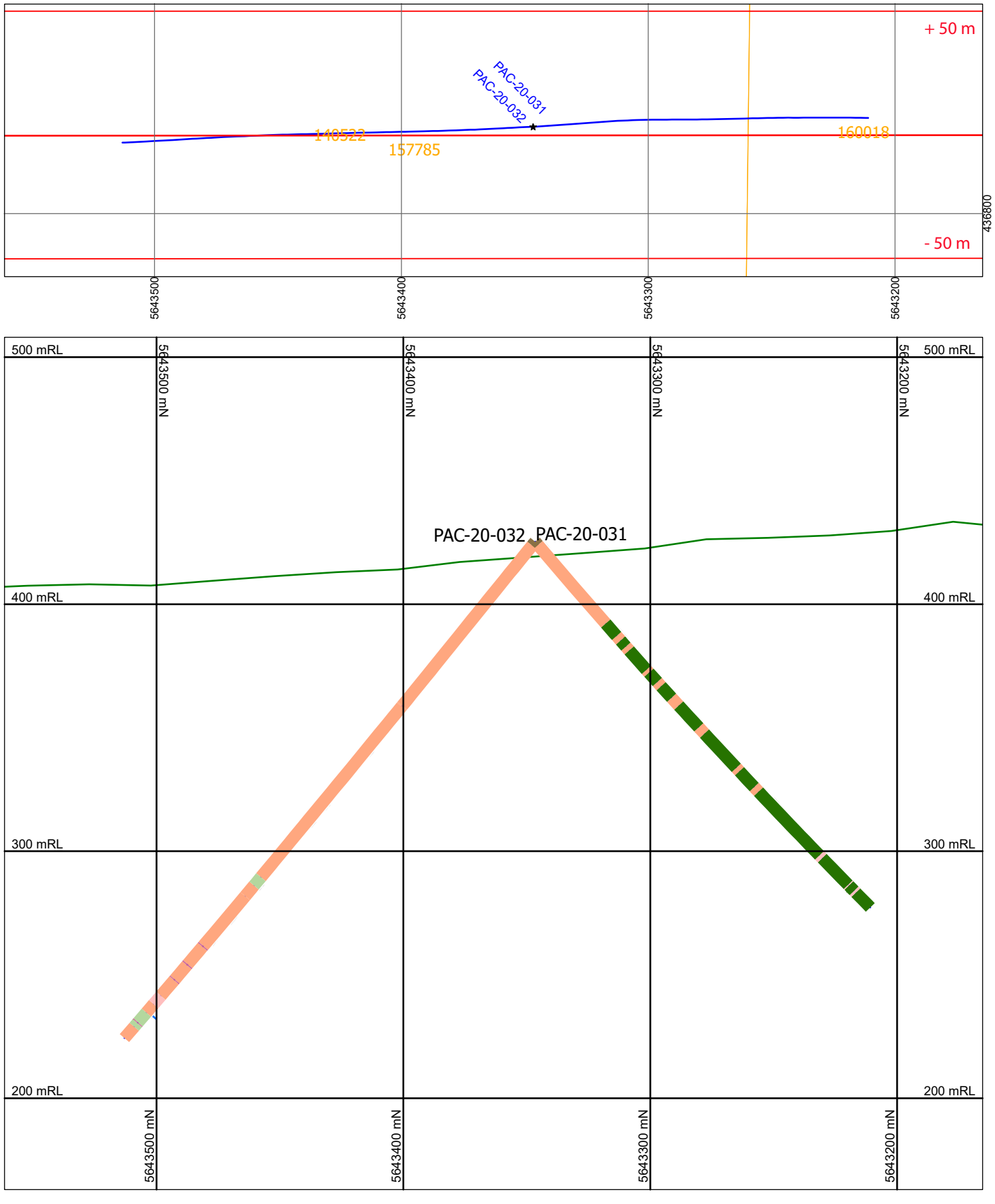
Pacton Gold Inc.

Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-031		PAC-20-032	
Az:	176°	Az:	357°
Dip:	-50°	Dip:	-51°
Length:	201 m	Length:	261 m

Section Specifications:

Start pt. E, N	436832 m, 5642902 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

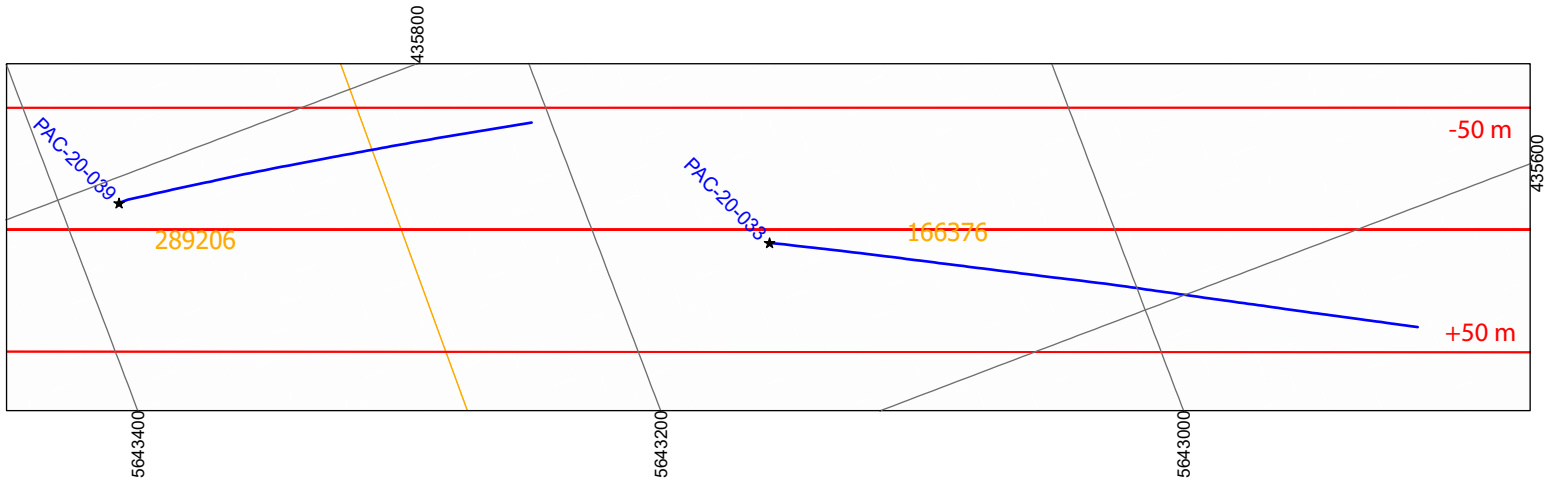
Pacton Gold Inc.

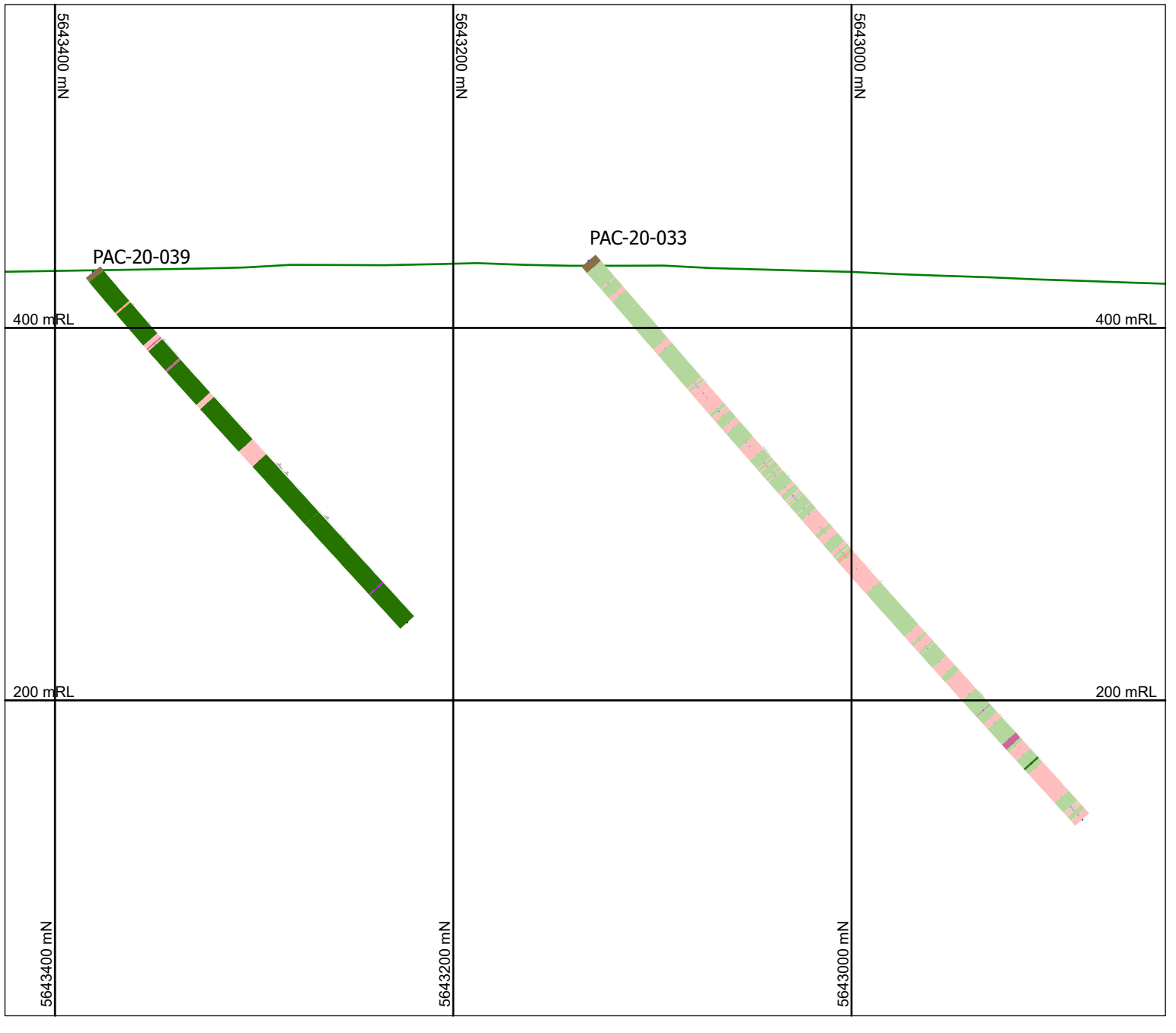
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-033		**PAC-20-039**	
Az:	207°	Az:	180°
Dip:	-49°	Dip:	-50°
Length:	402 m	Length:	255 m

Section Specifications:

Start pt. E, N	435538 m, 5642744 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

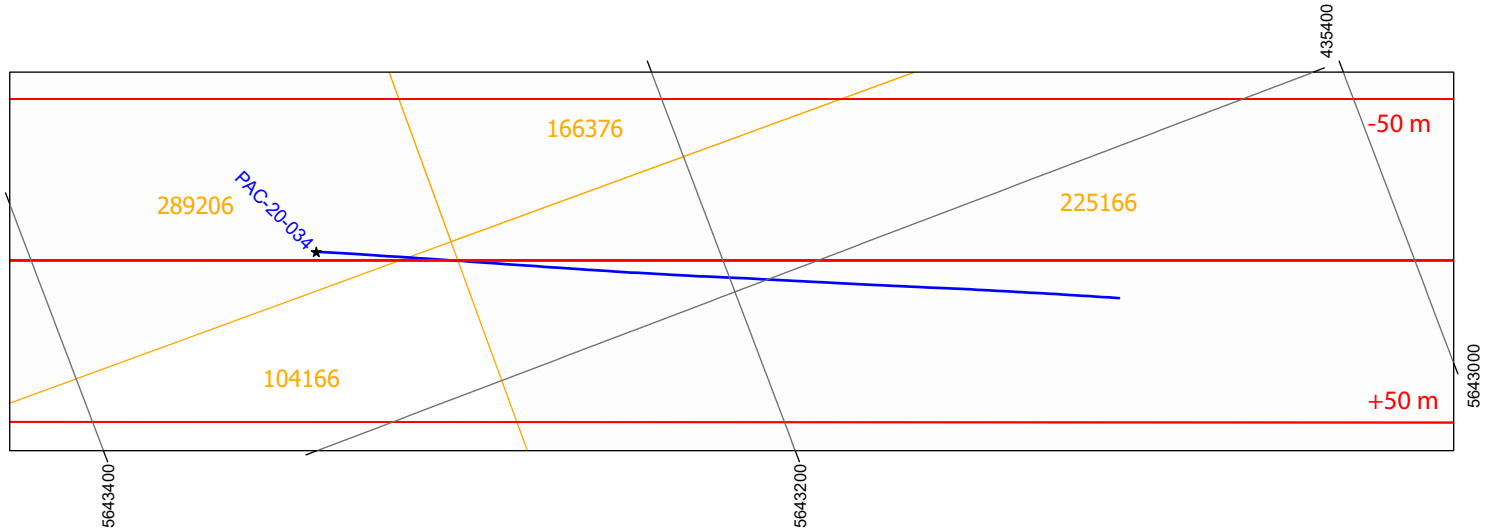
Pacton Gold Inc.

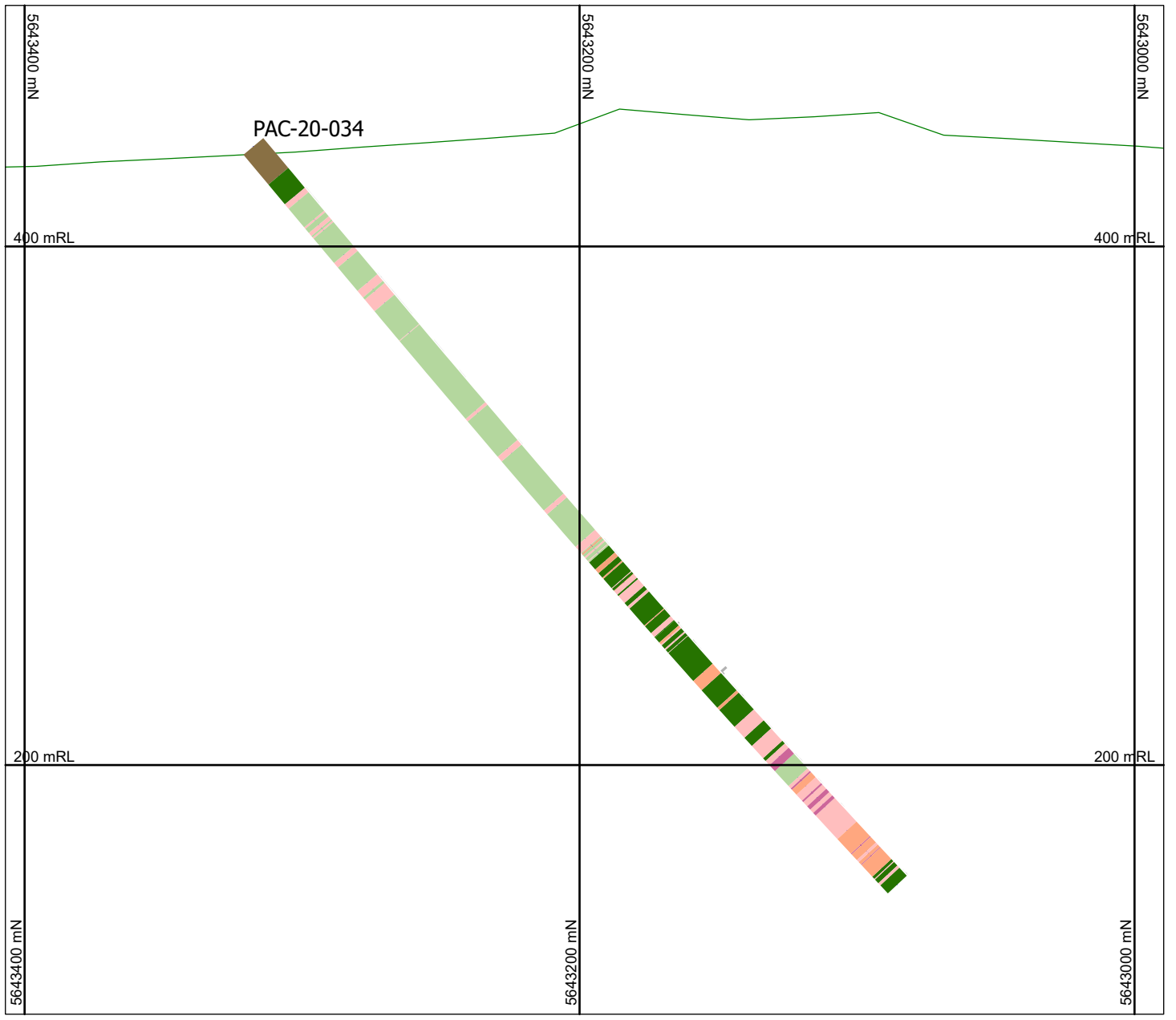
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.05 0.1 0.2 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-034

Az:	204°
Dip:	-50°
Length:	378 m

Section Specifications:

Start pt. E, N	435236 m, 5642742 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

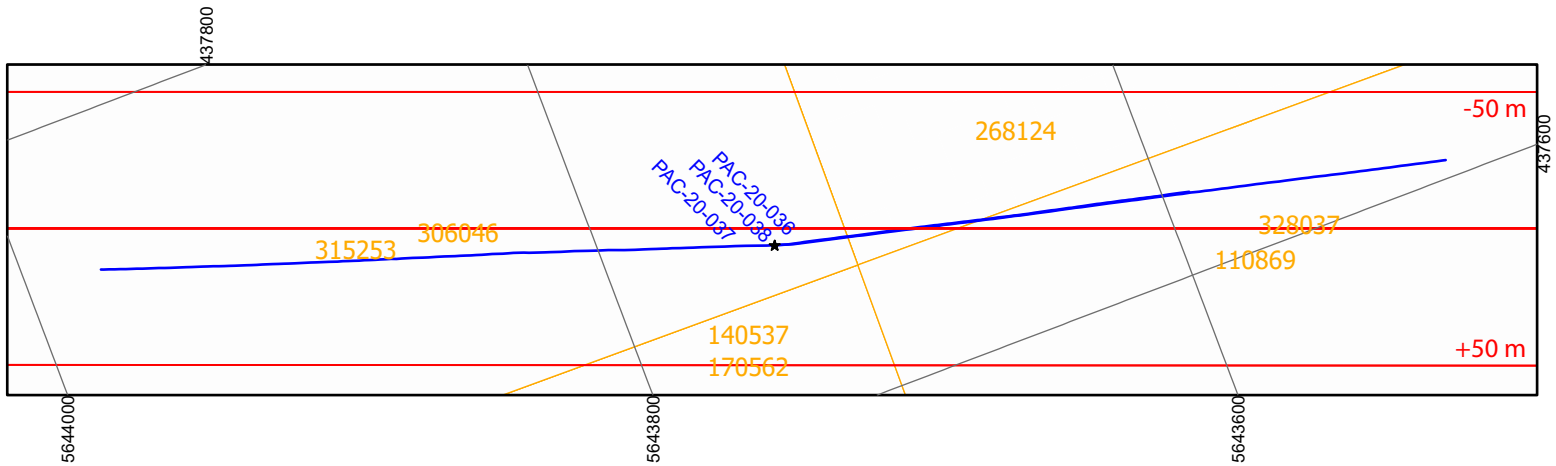
Pacton Gold Inc.

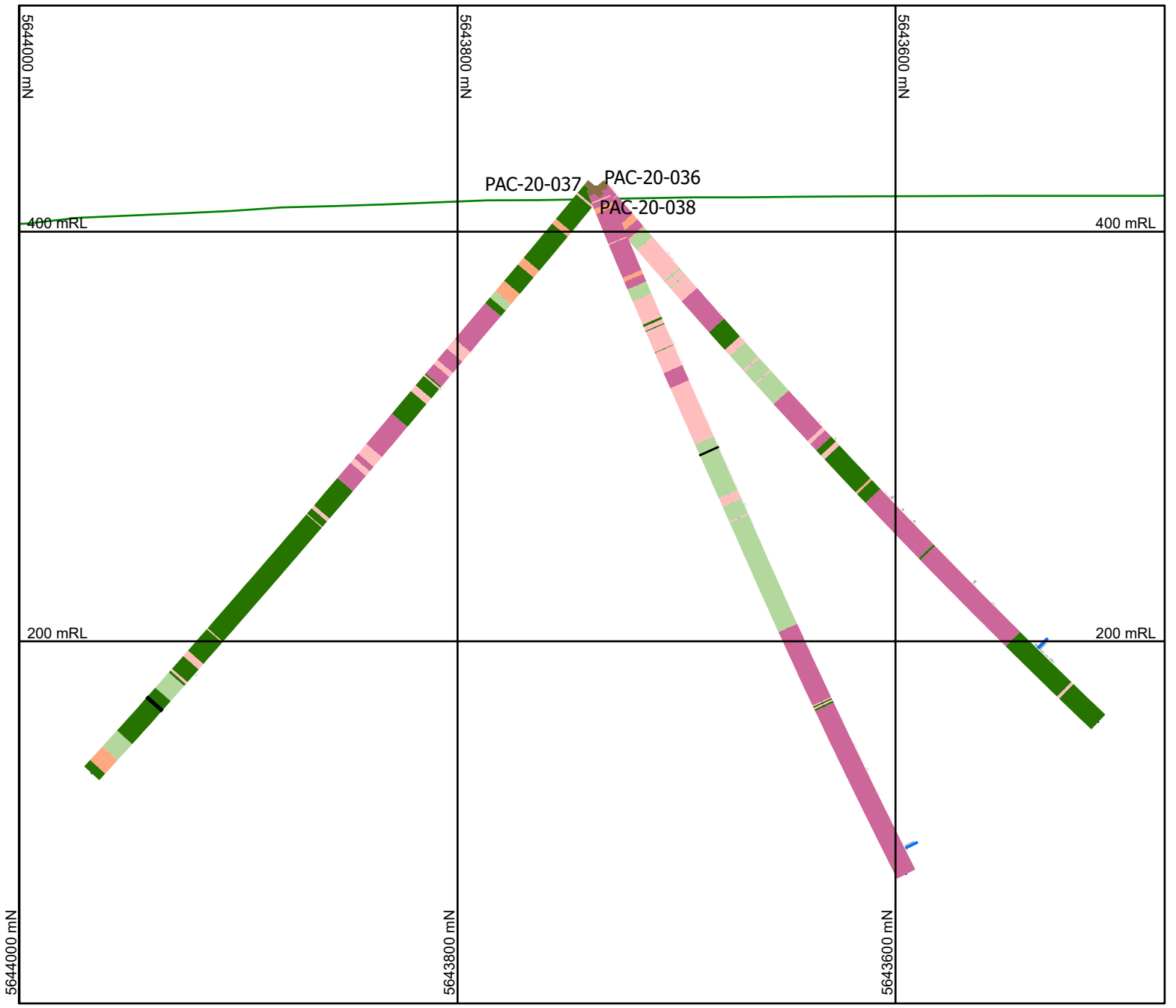
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.02 0.04 0.08 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-036		PAC-20-037		PAC-20-038	
Az:	198°	Az:	18°	Az:	198°
Dip:	-50°	Dip:	-50°	Dip:	-68°
Length:	360 m	Length:	378 m	Length:	369 m

Section Specifications:

Start pt. E, N	437512 m, 5643319 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

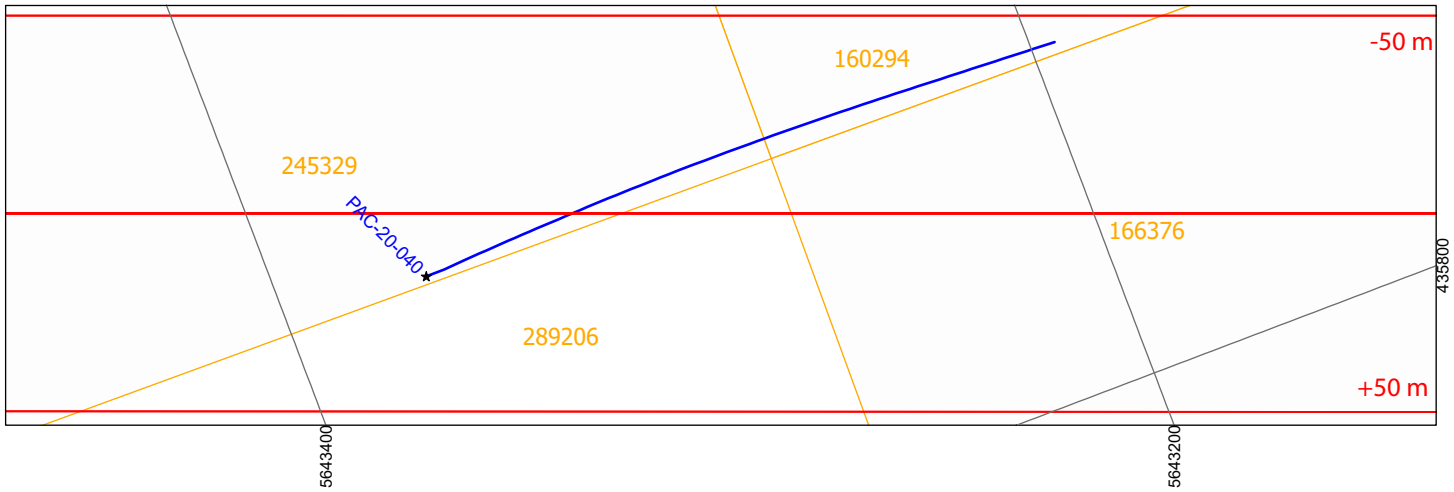
Pacton Gold Inc.

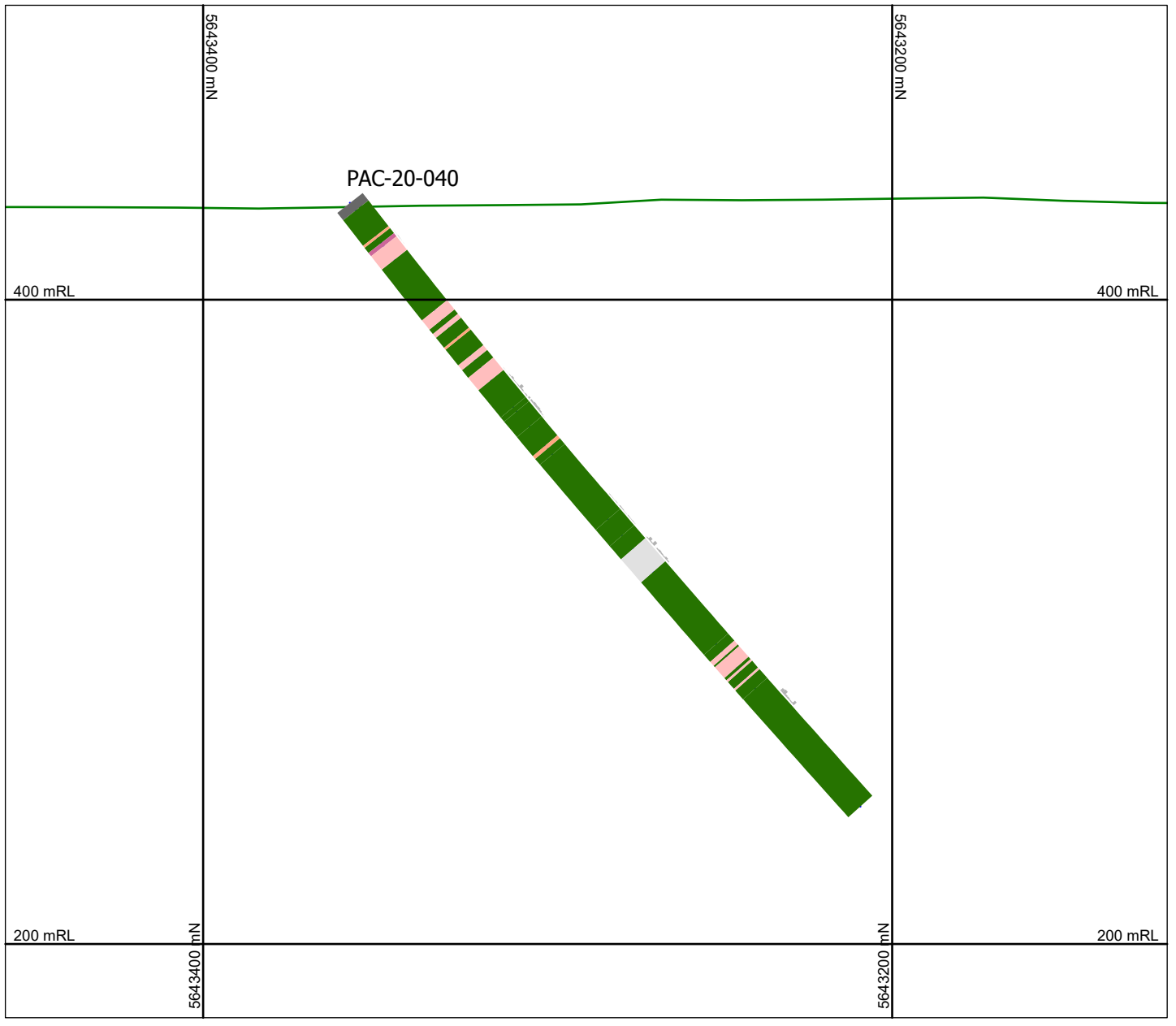
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-040

Az:	180°
Dip:	-50°
Length:	252.5 m

Section Specifications:

Start pt. E, N	435655 m, 5642706 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

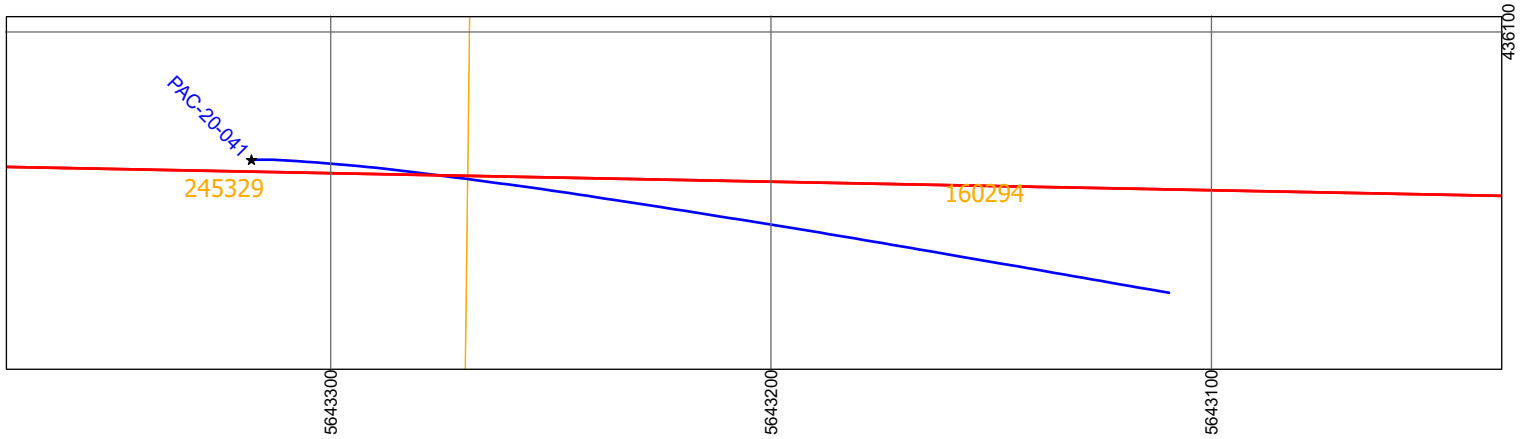
Pacton Gold Inc.

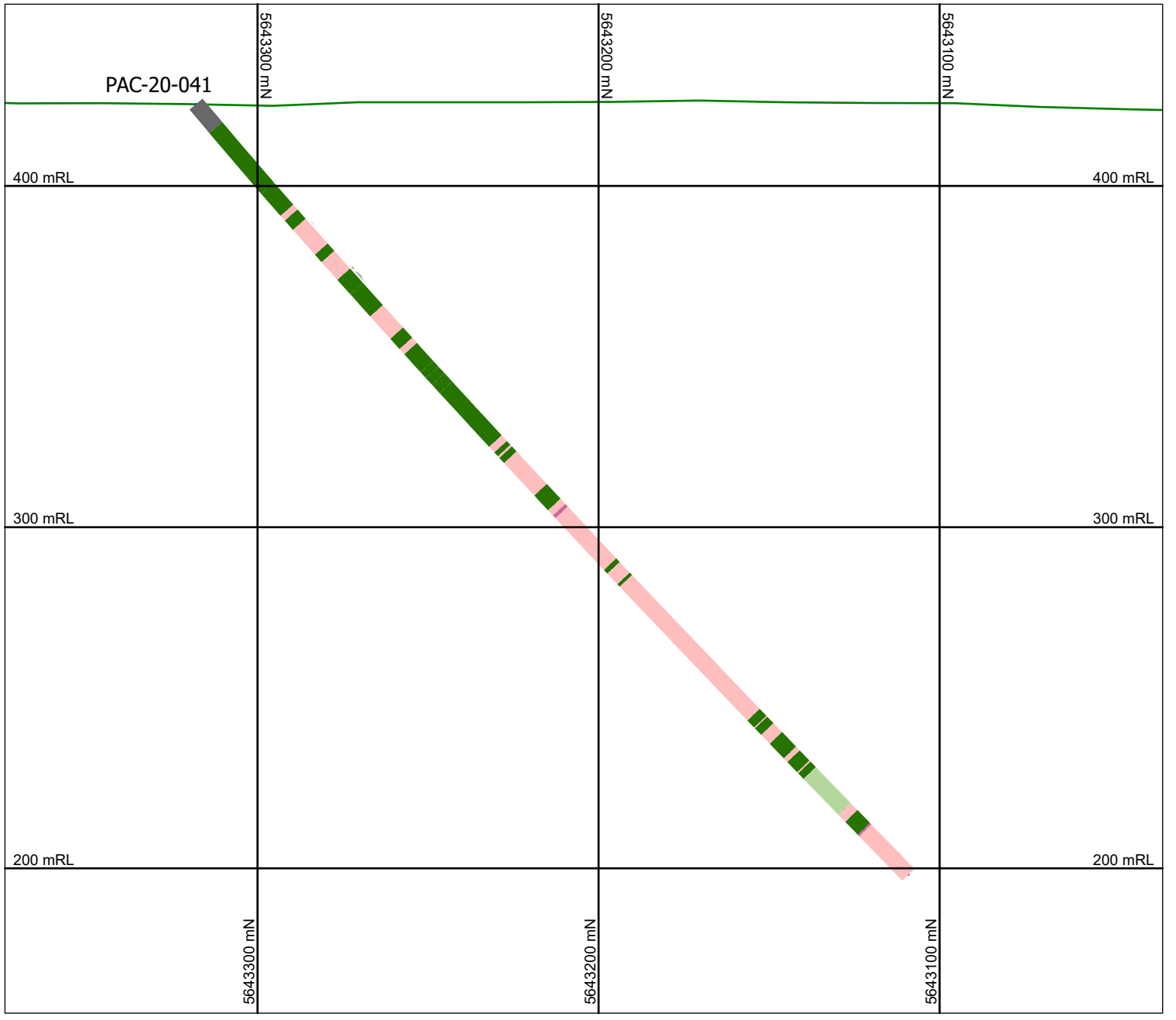
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-041

Az:	180°
Dip:	-50°
Length:	309 m

Section Specifications:

Start pt. E, N	436058 m, 5642771 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

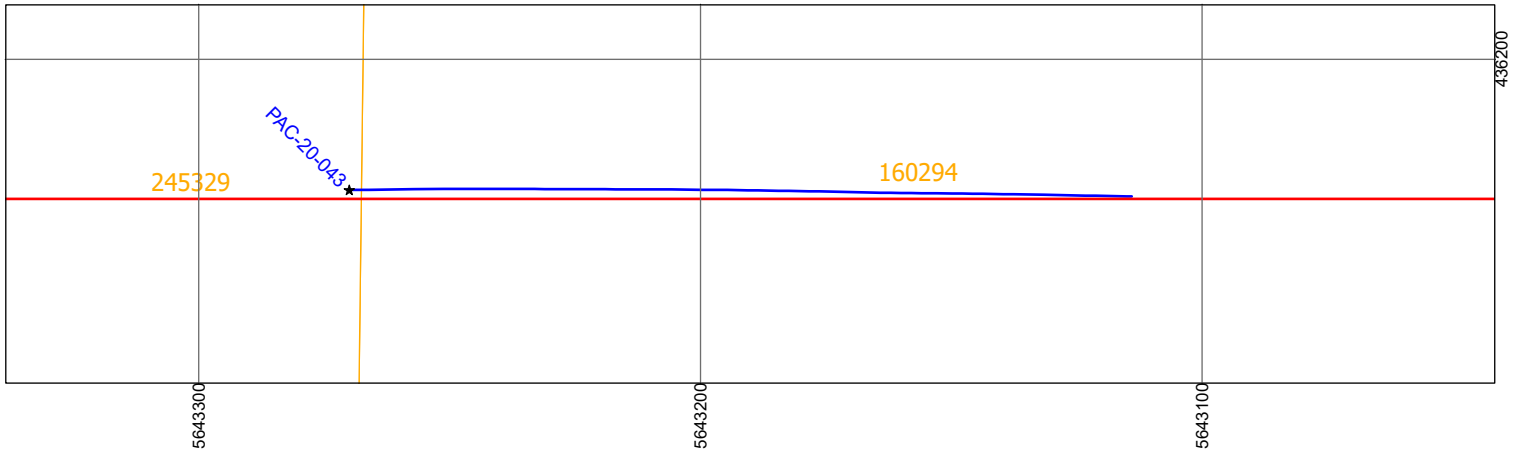
Pacton Gold Inc.

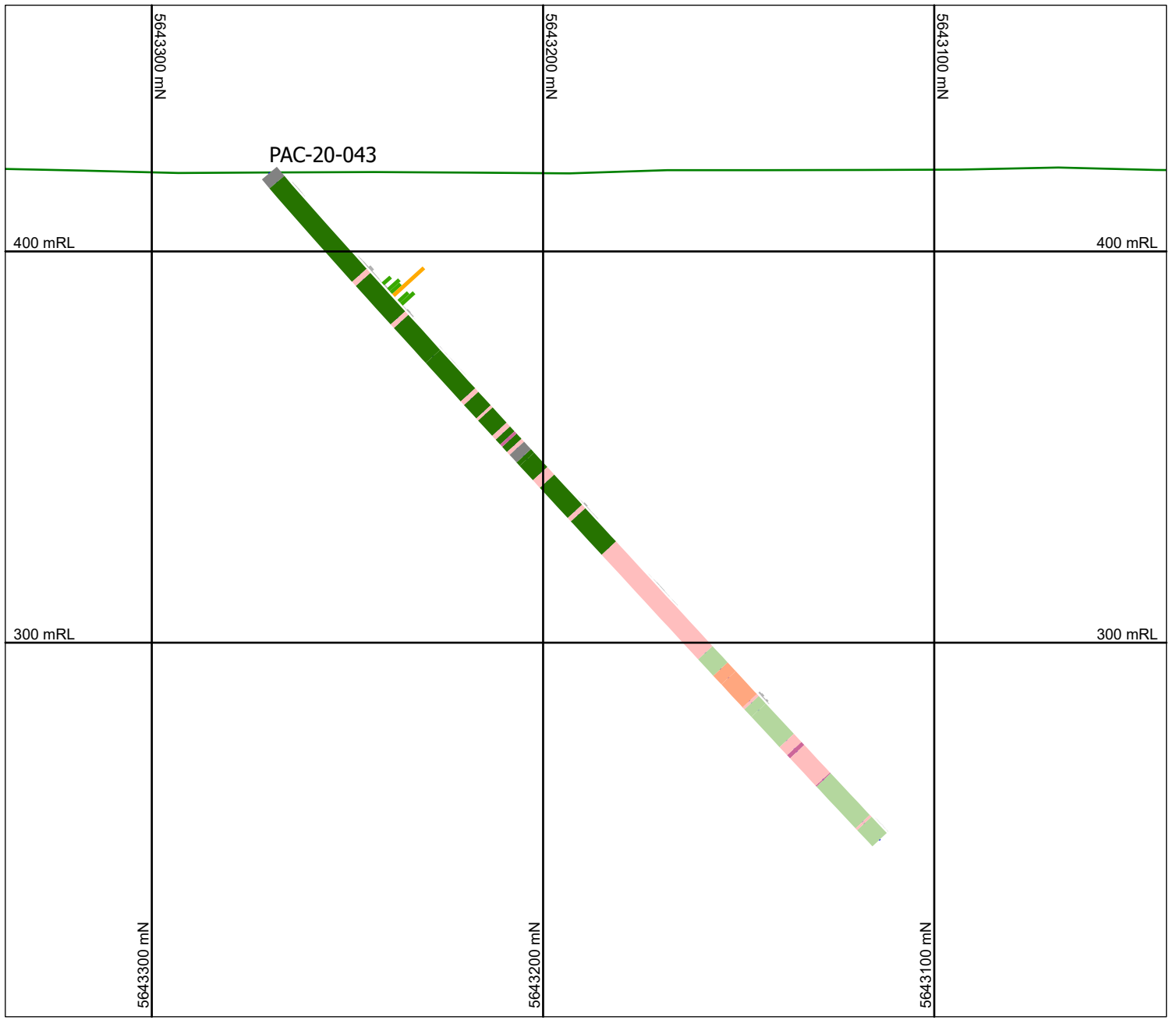
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-043

Az:	180°
Dip:	-50°
Length:	231 m

Section Specifications:

Start pt. E, N	436166 m, 5642768 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

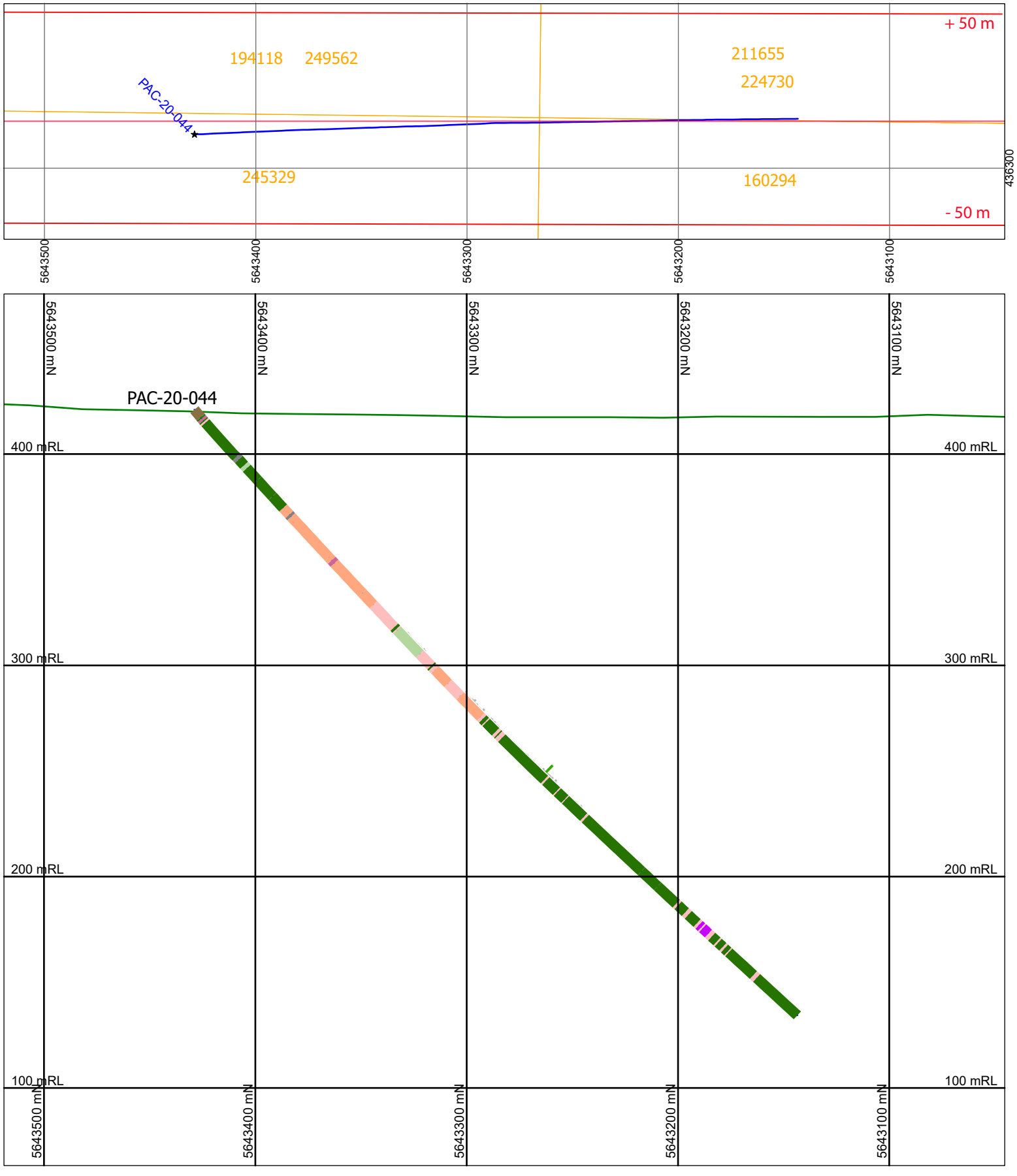
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-044

Az:	180°
Dip:	-50°
Length:	405 m

Section Specifications:

Start pt. E, N	436312 m, 5642832 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

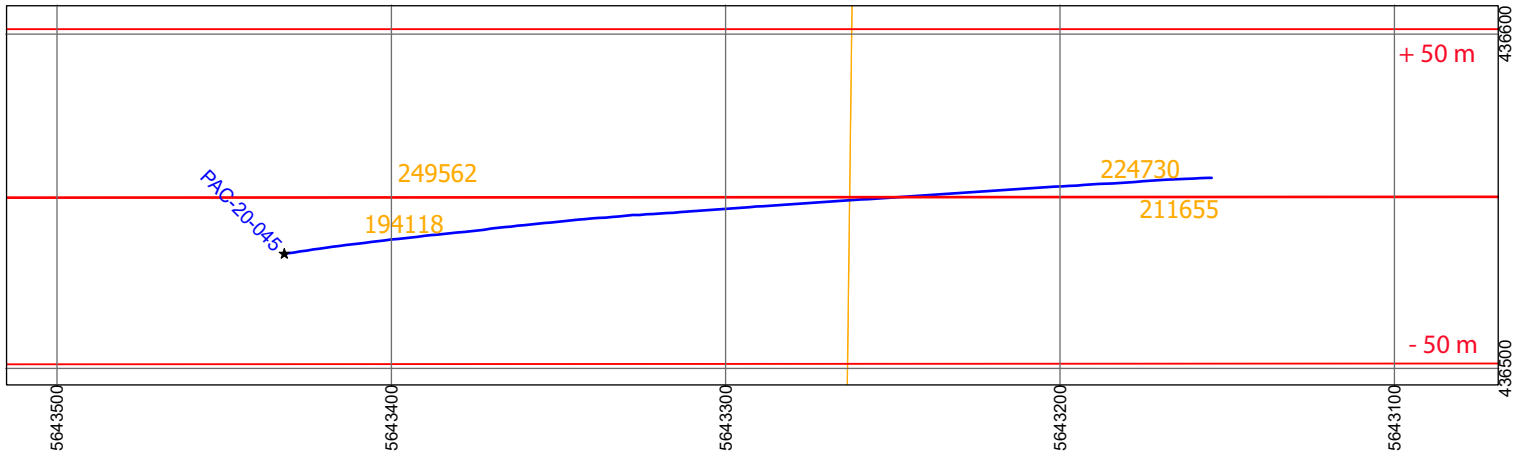
Pacton Gold Inc.

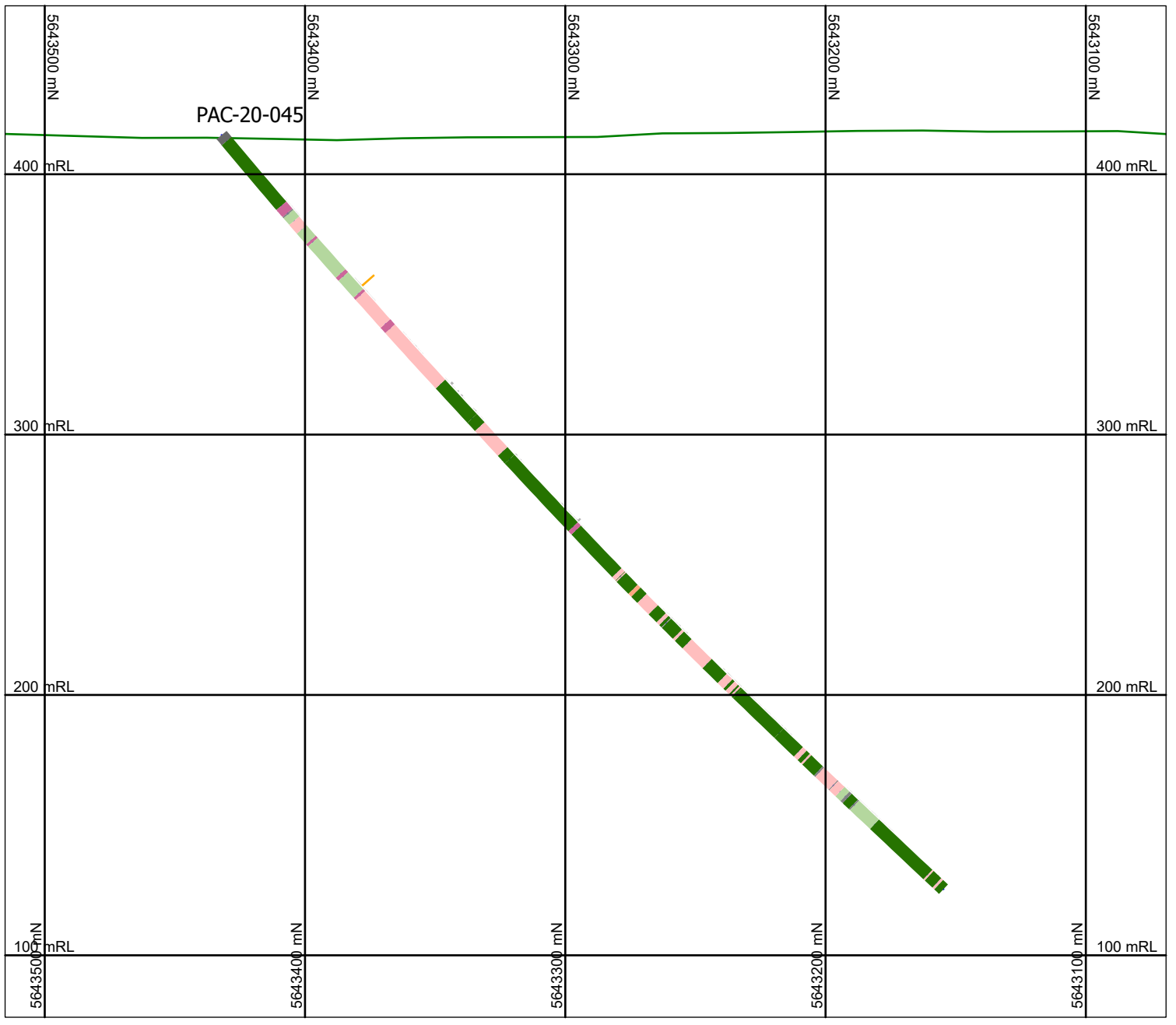
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.04 0.07 0.14 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-045

Az:	180°
Dip:	-50°
Length:	402 m

Section Specifications:

Start pt. E, N	436551 m, 5642913 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

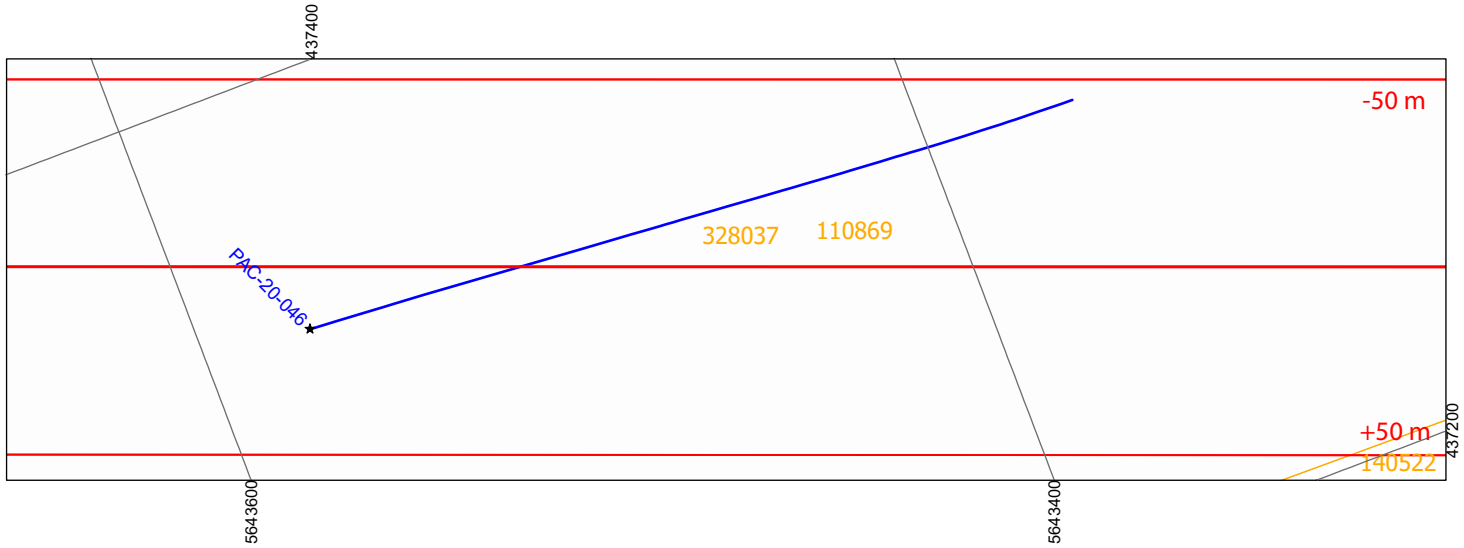
Pacton Gold Inc.

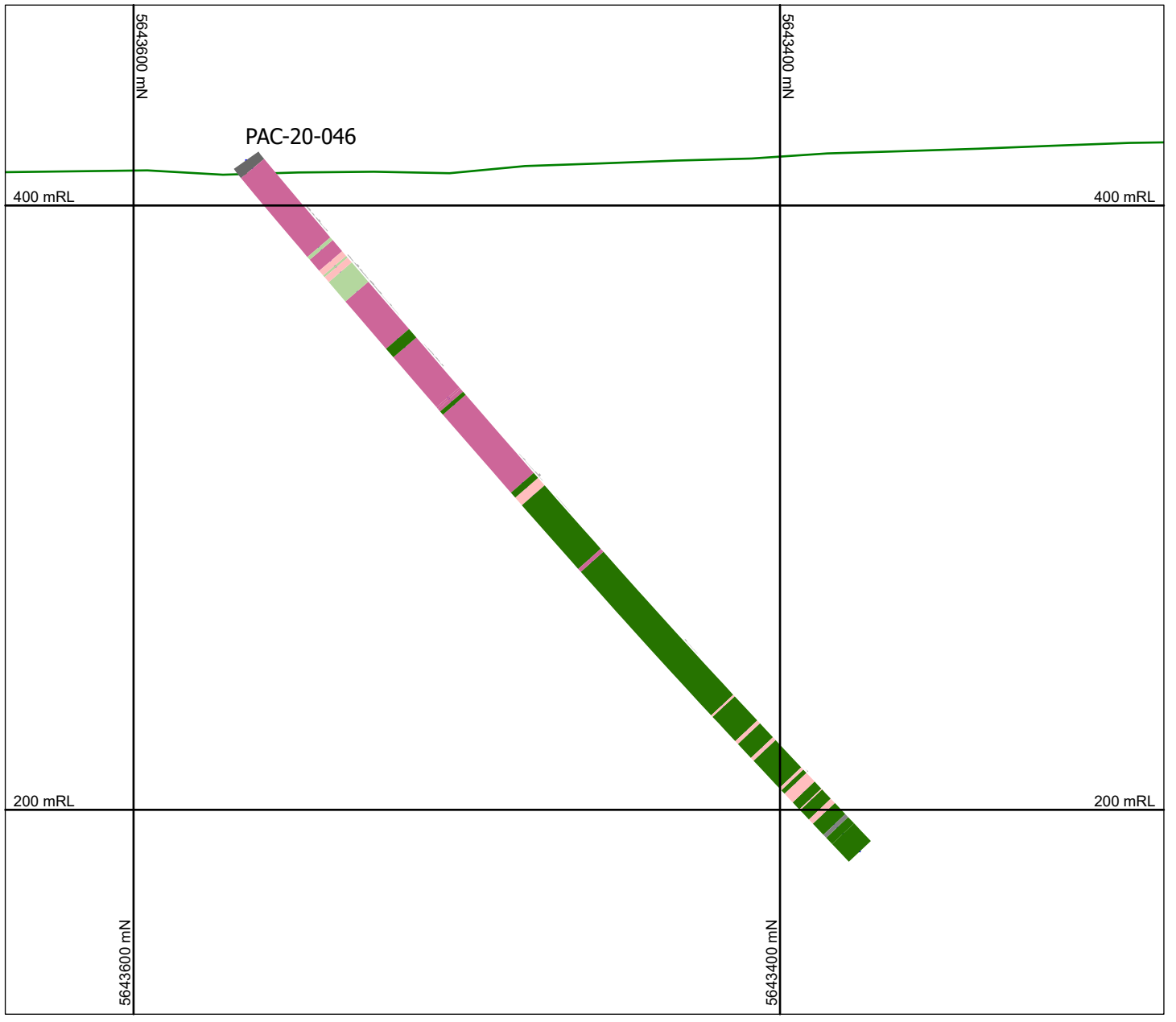
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





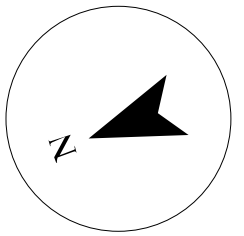
PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10



Holes Plotted:

PAC-20-046

Az:	200°
Dip:	-55°
Length:	312 m

Section Specifications:

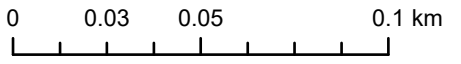
Start pt. E, N	437182m, 5643128 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

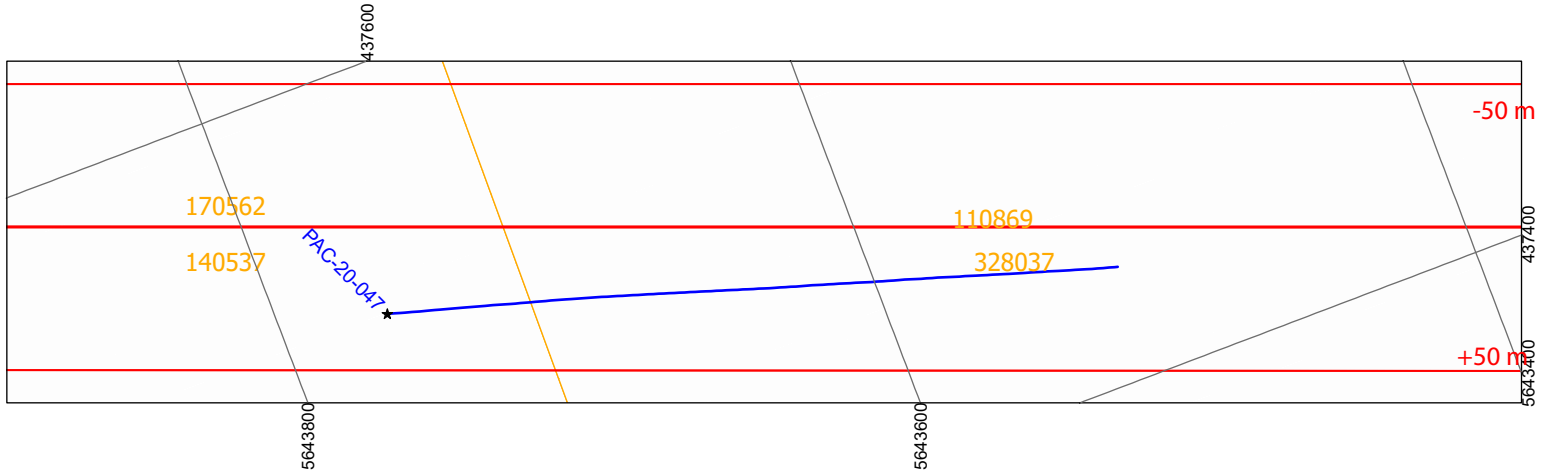
Pacton Gold Inc.

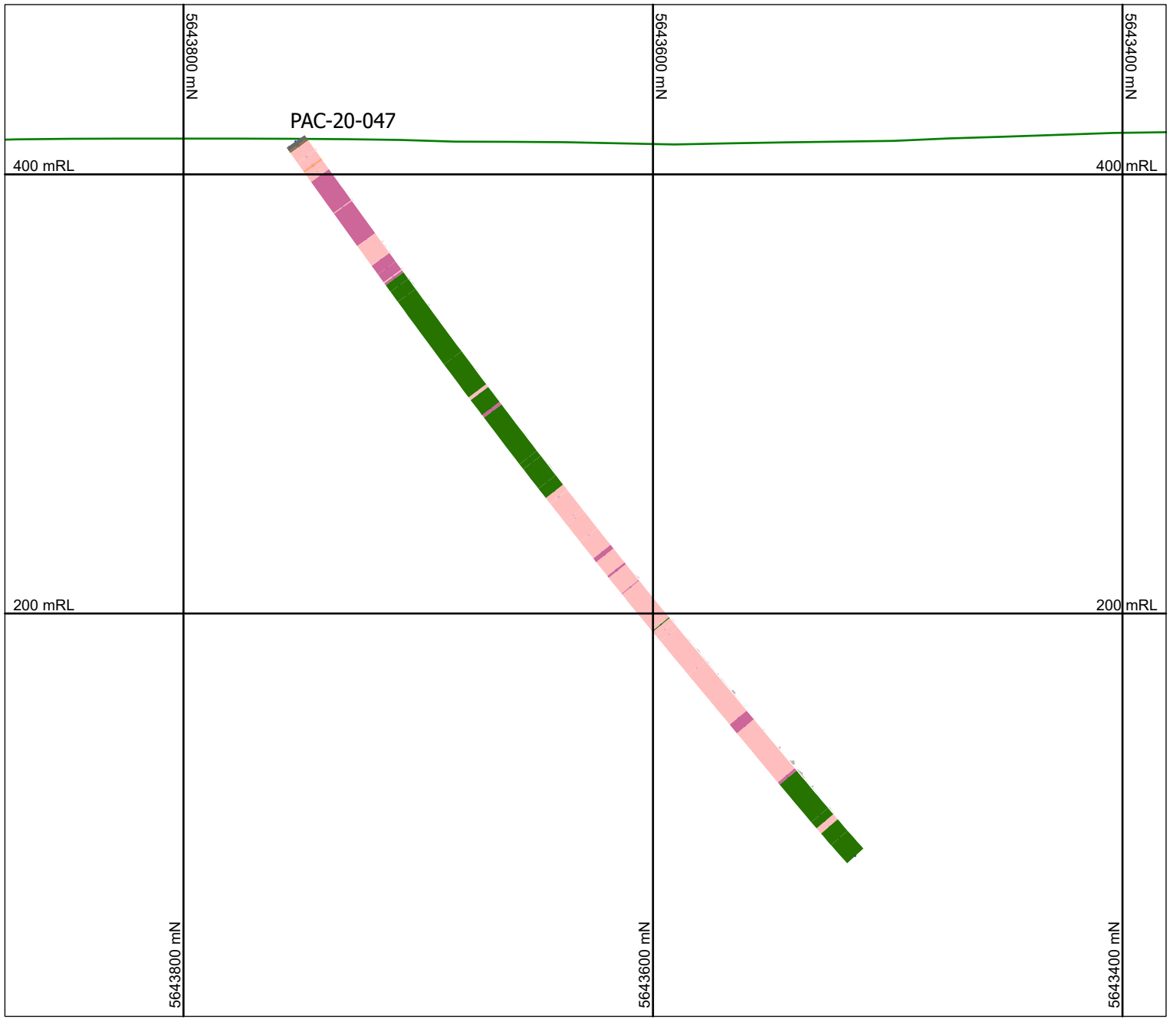
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo







PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-047

Az:	200°
Dip:	-55°
Length:	414 m

Section Specifications:

Start pt. E, N	437384 m, 5643334 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

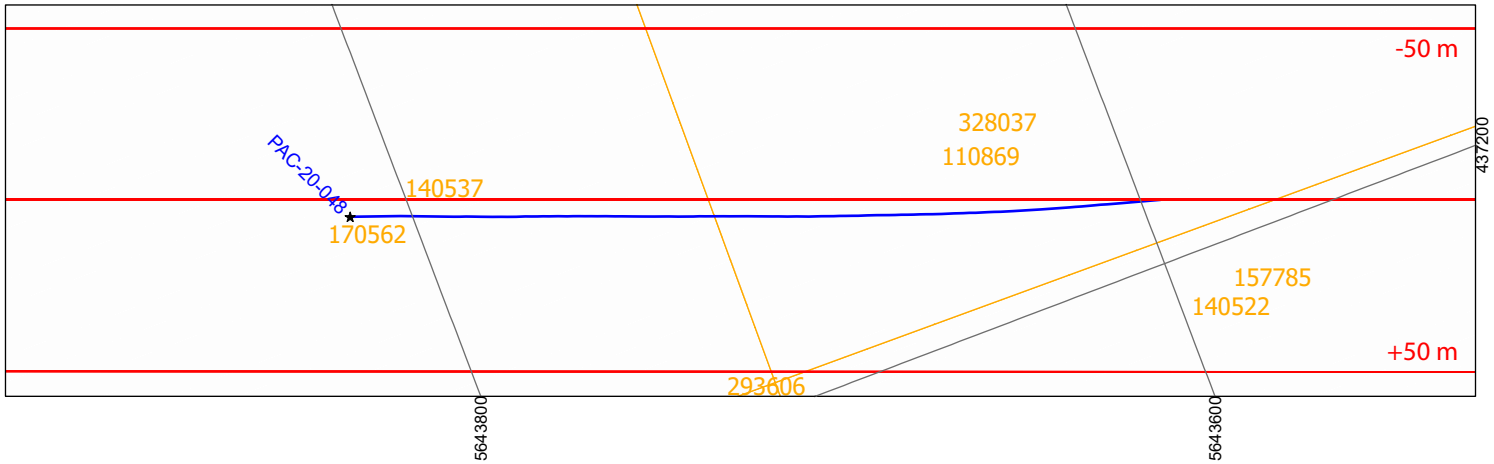
Pacton Gold Inc.

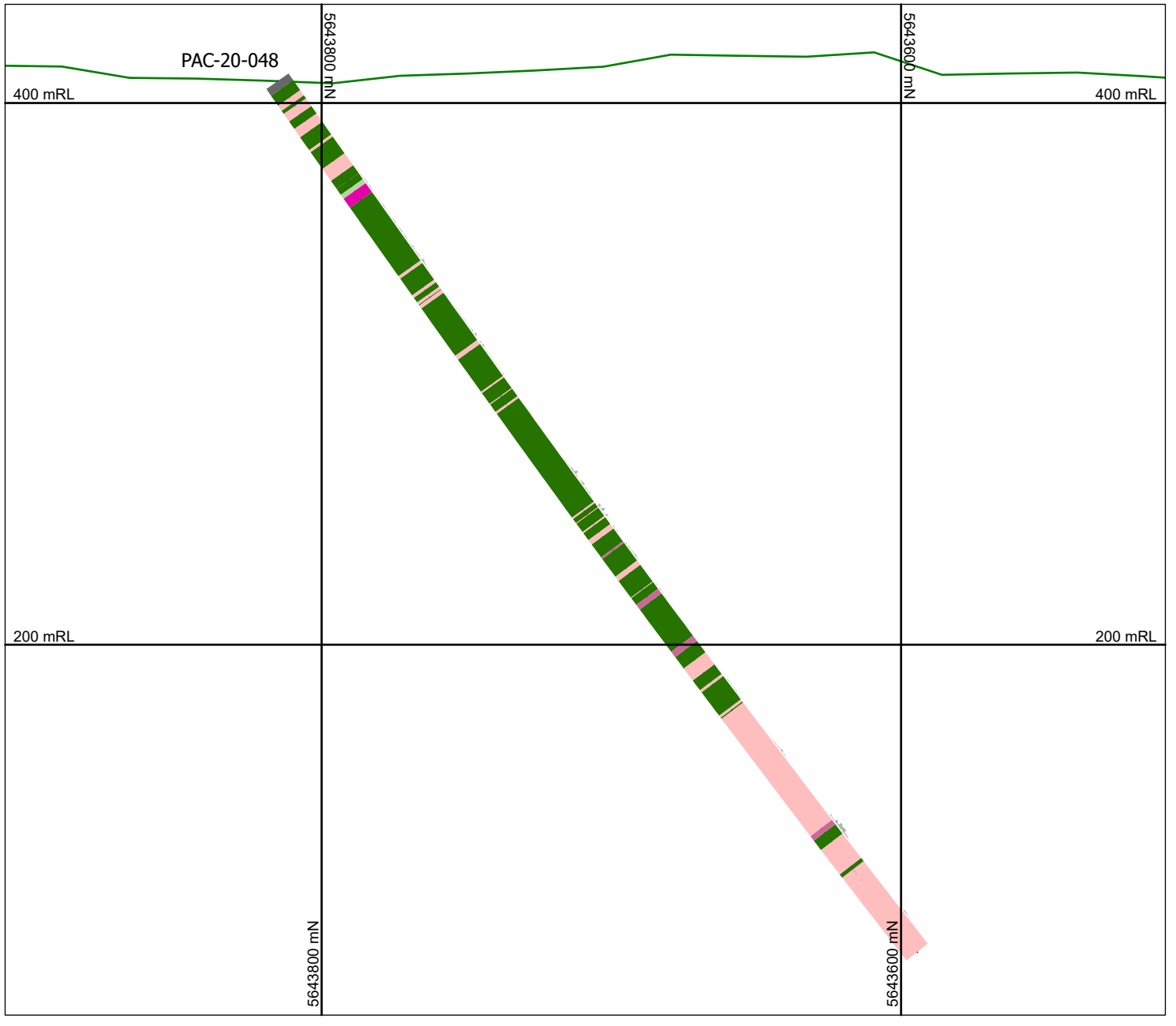
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.06 0.12 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-048

Az:	200°
Dip:	-55°
Length:	399 m

Section Specifications:

Start pt. E, N	437108m, 5643305 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

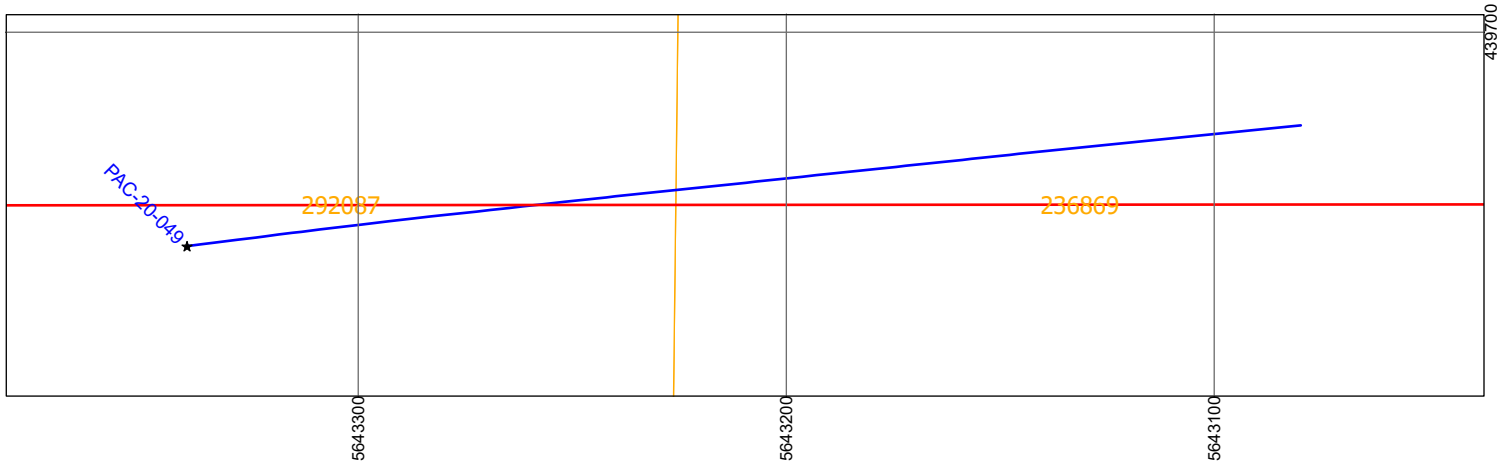
Pacton Gold Inc.

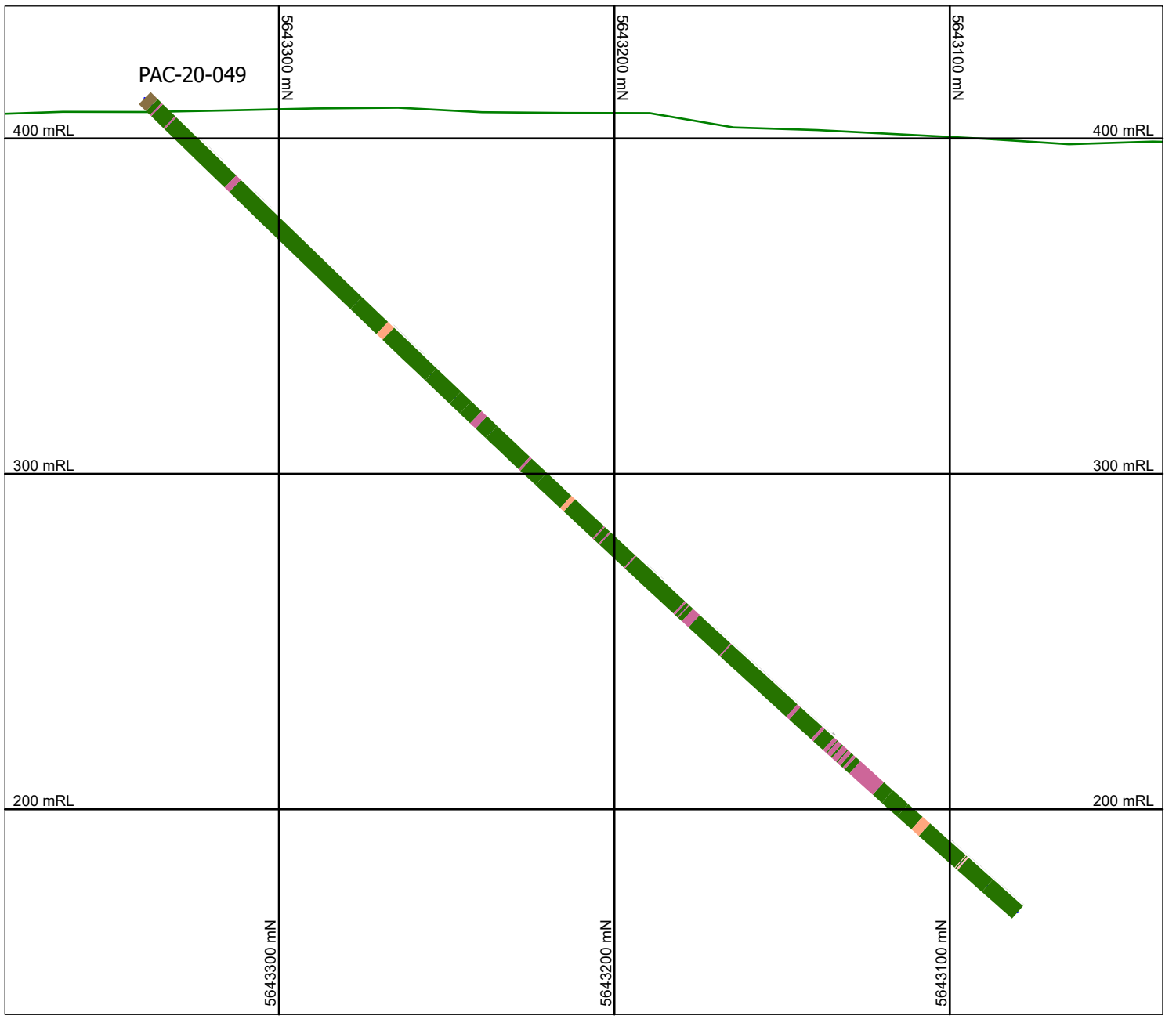
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-049

Az:	170°
Dip:	-45°
Length:	357 m

Section Specifications:

Start pt. E, N	439660 m, 5642764 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

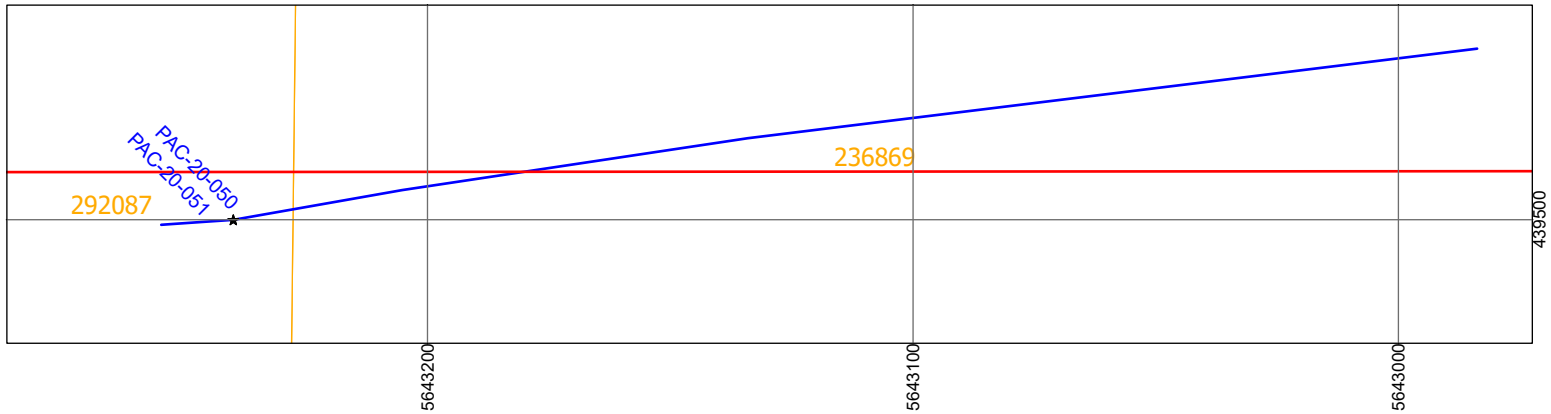
Pacton Gold Inc.

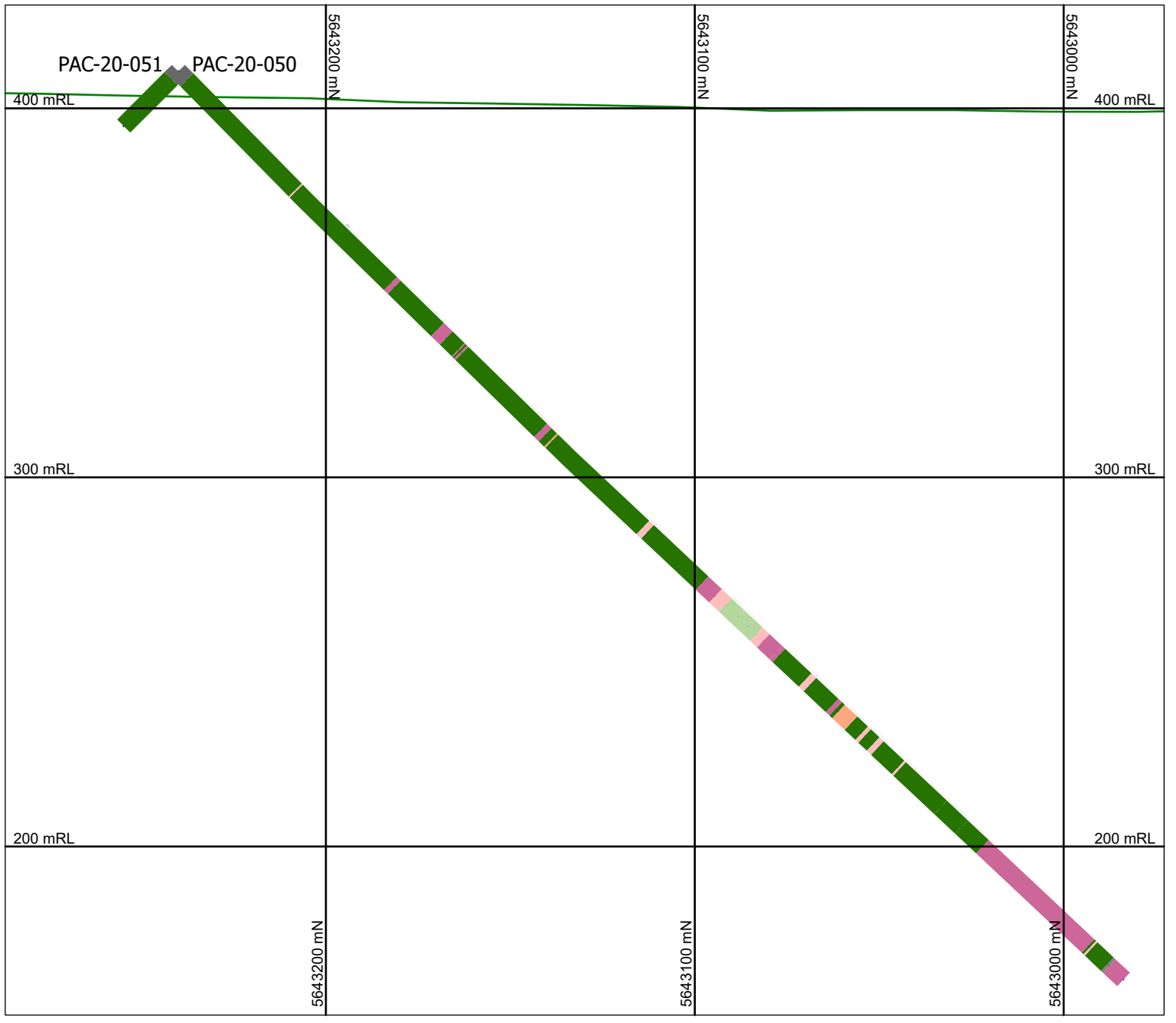
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-050		PAC-20-051	
Az:	356°	Az:	170°
Dip:	-45°	Dip:	-45°
Length:	21 m	Length:	357 m

Section Specifications:

Start pt. E, N	439510 m, 5642730 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

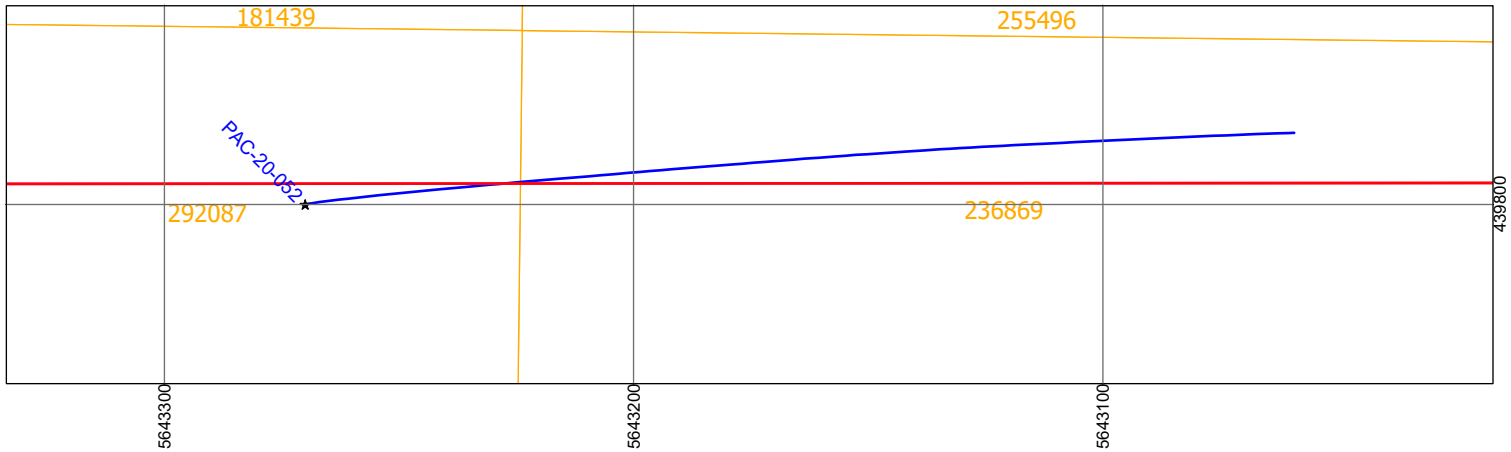
Pacton Gold Inc.

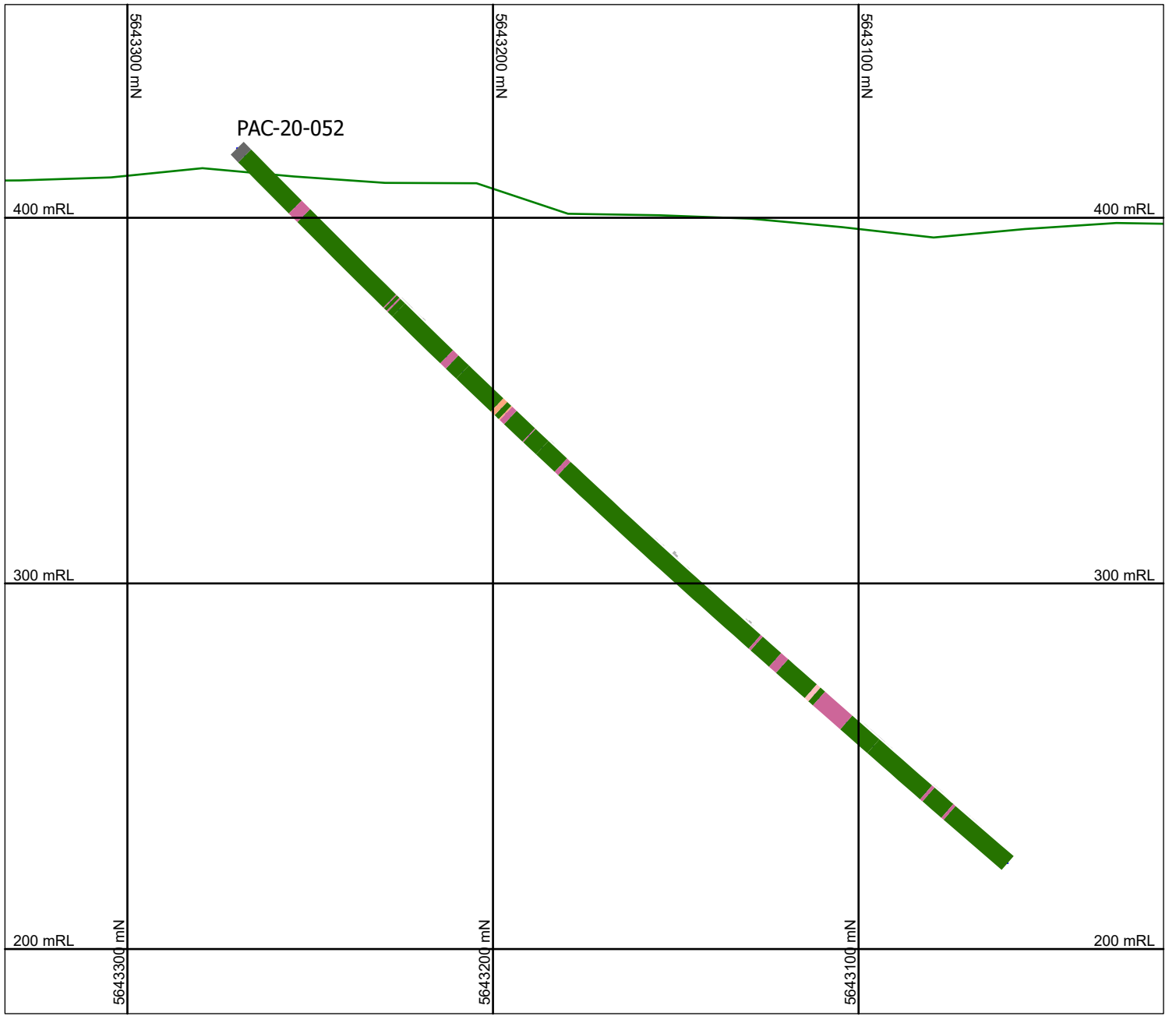
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-052

Az:	170°
Dip:	-45°
Length:	288 m

Section Specifications:

Start pt. E, N	439805 m, 5642729 m
Orientation	0°
View Direction	90°
View Width	+/- 50 m

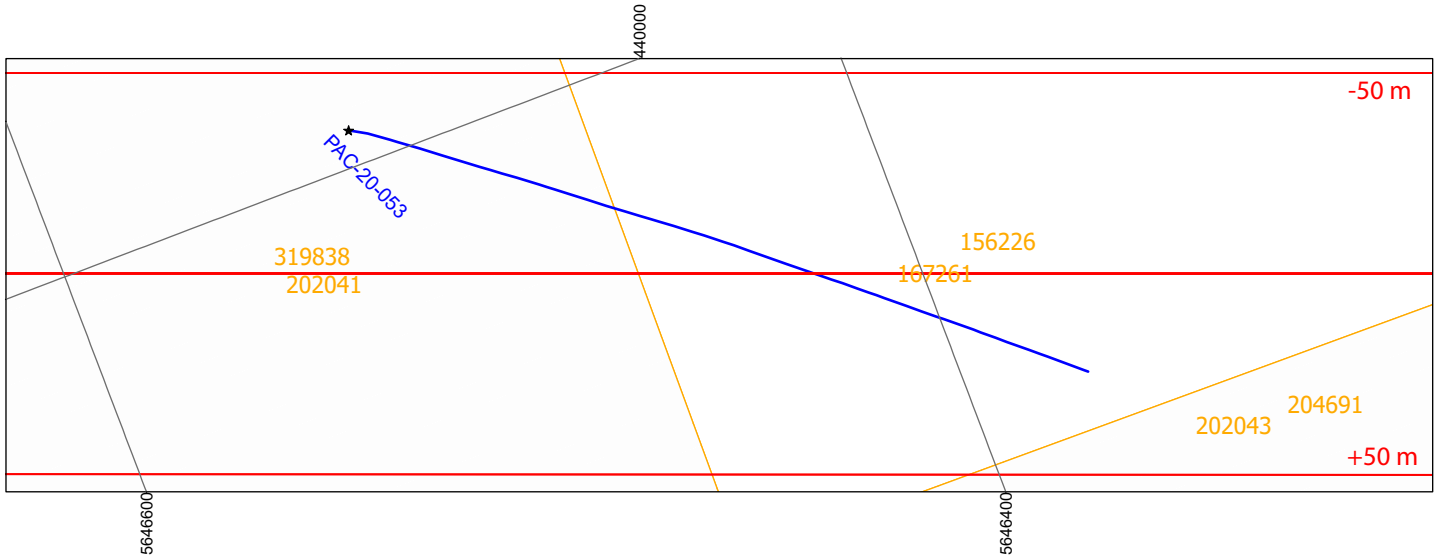
Pacton Gold Inc.

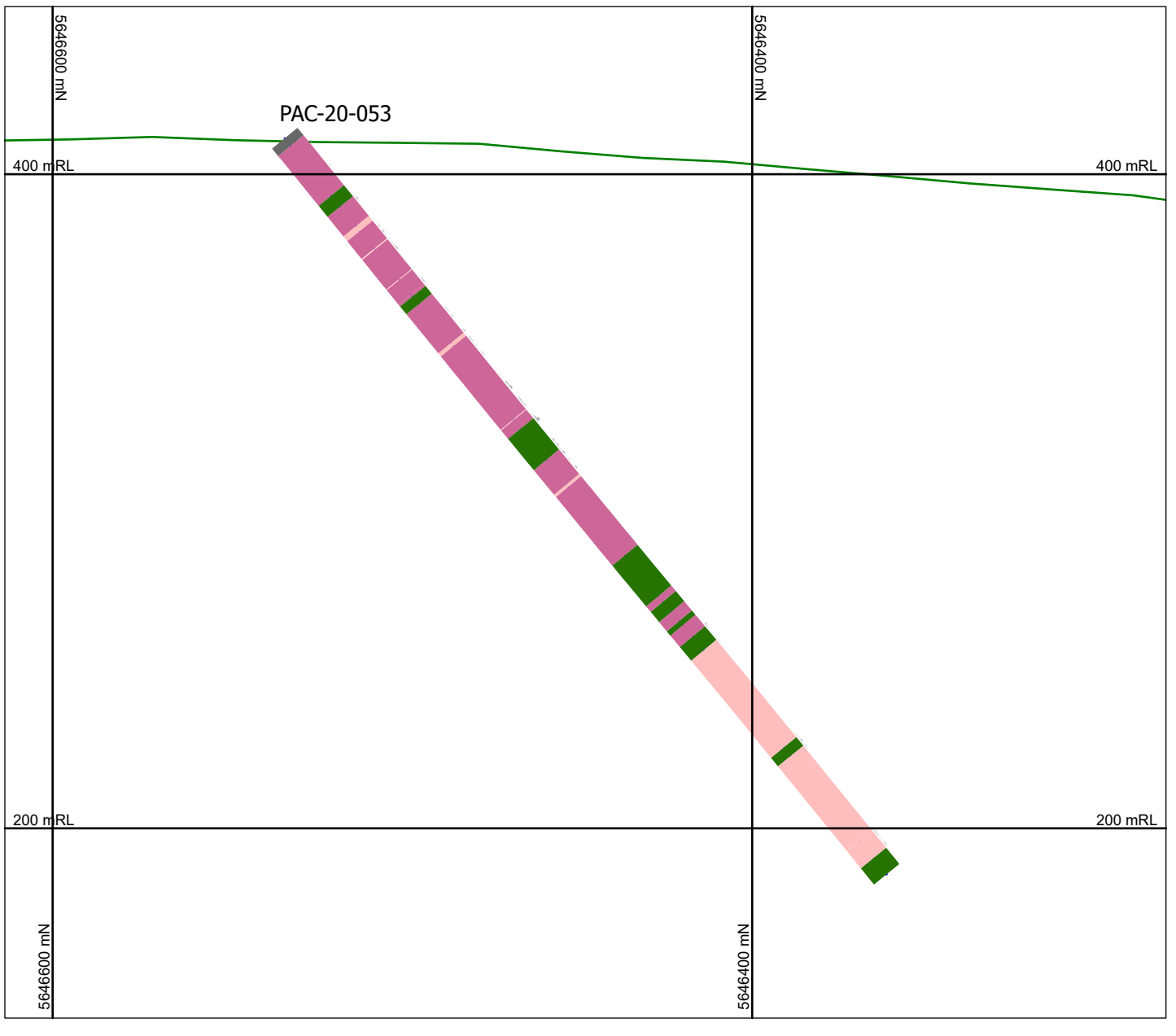
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





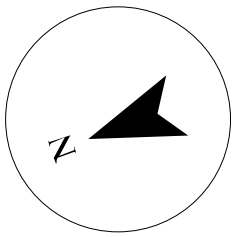
PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10



Holes Plotted:

PAC-20-053

Az:	210°
Dip:	-50°
Length:	297 m

Section Specifications:

Start pt. E, N	439768 m, 5645987 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

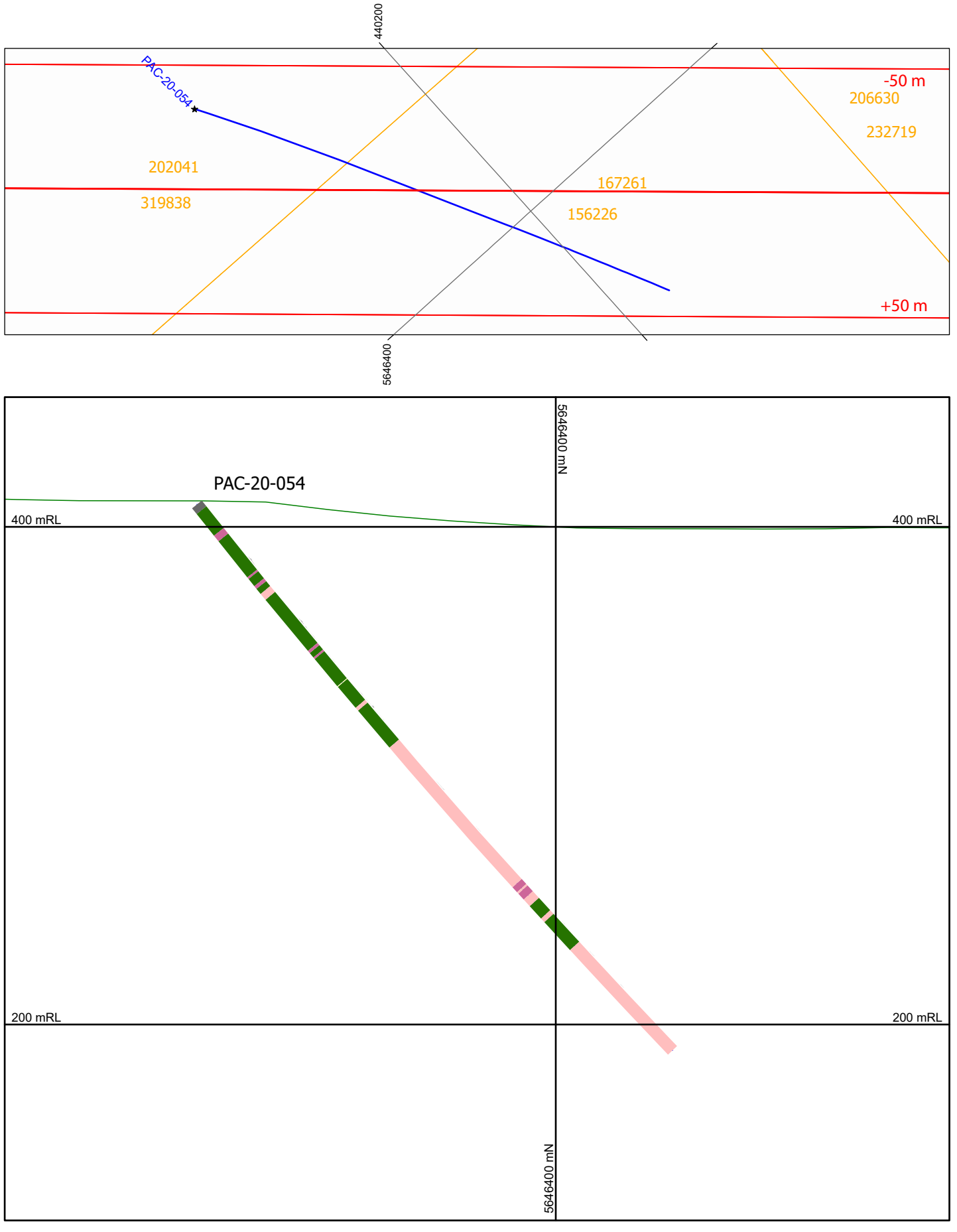
Pacton Gold Inc.

Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-054

Az:	150°
Dip:	-50°
Length:	300 m

Section Specifications:

Start pt. E, N	440514 m, 5646125 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

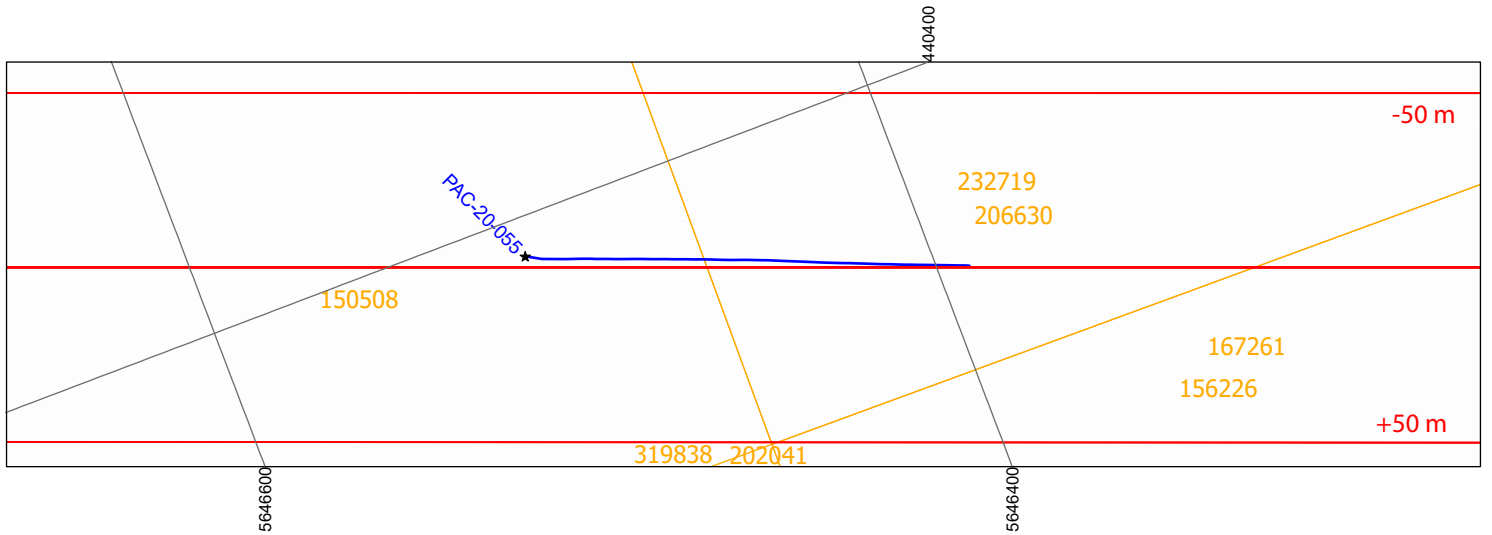
Pacton Gold Inc.

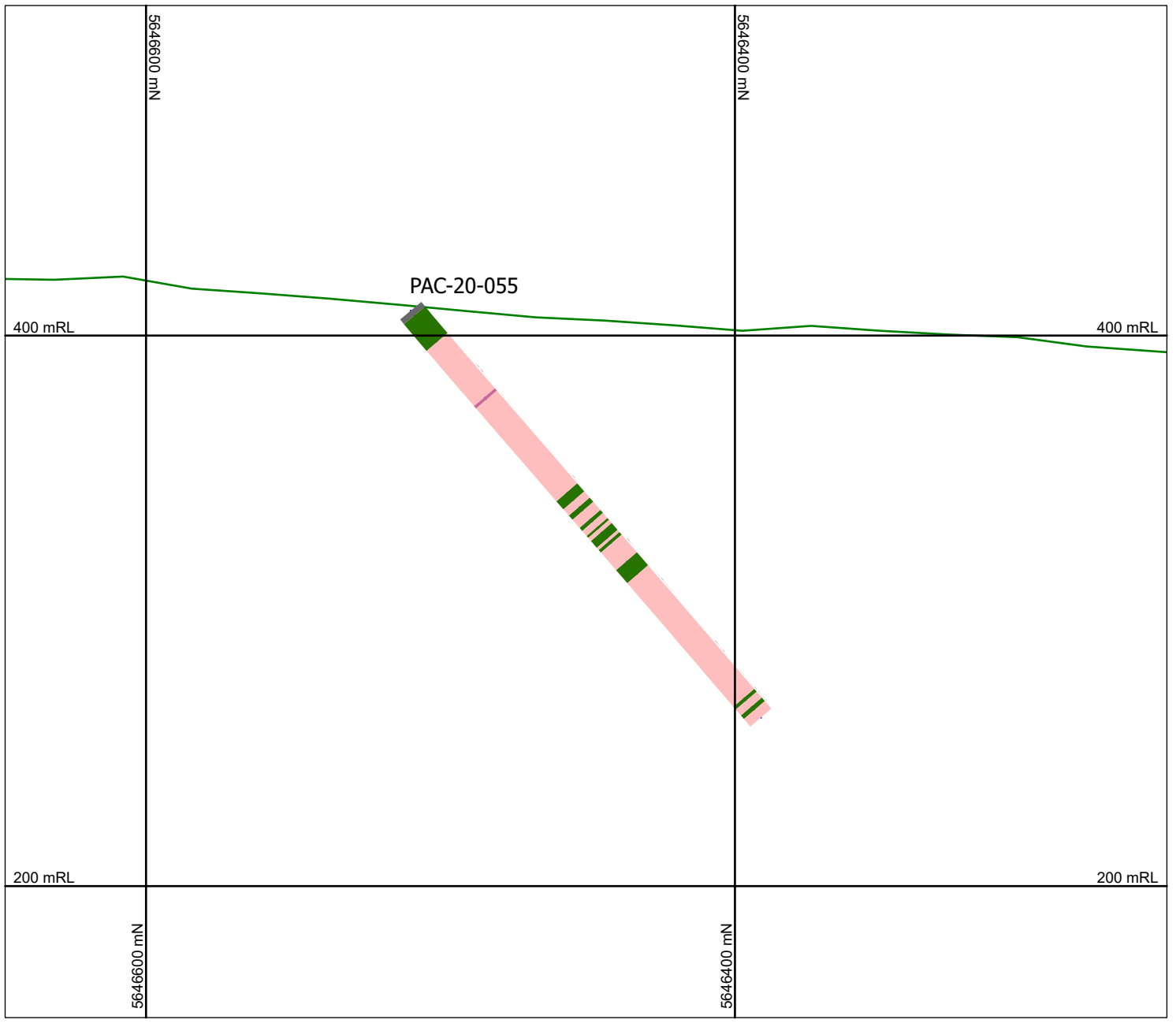
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

Holes Plotted:

PAC-20-055

Az:	210°
Dip:	-50°
Length:	195 m

Section Specifications:

Start pt. E, N	440201 m, 5646024 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

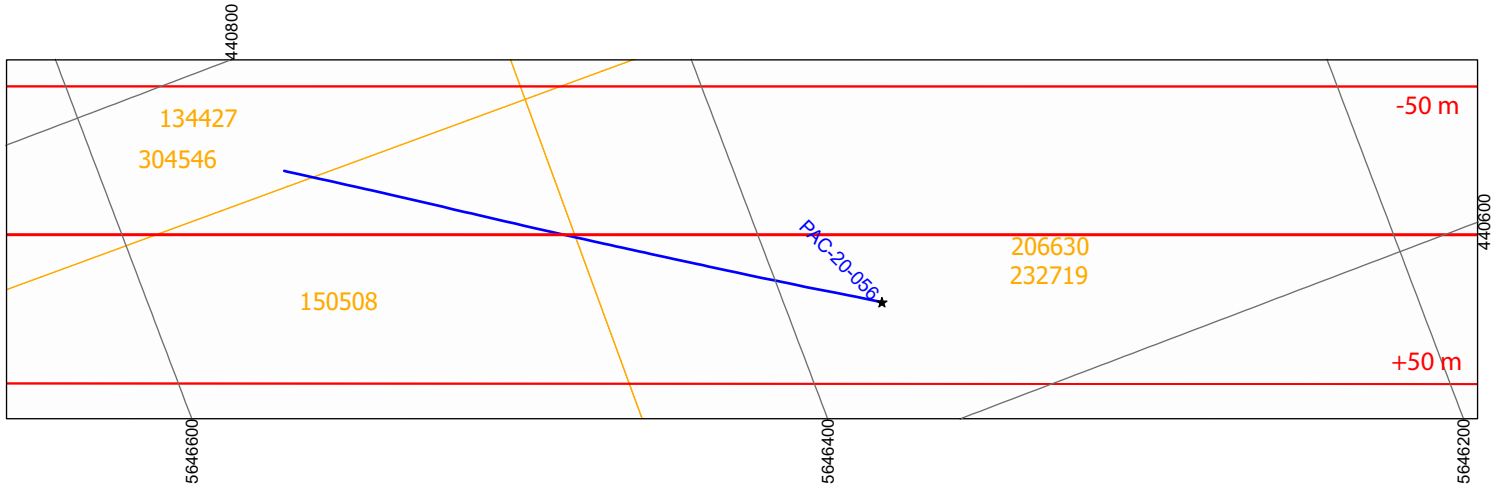
Pacton Gold Inc.

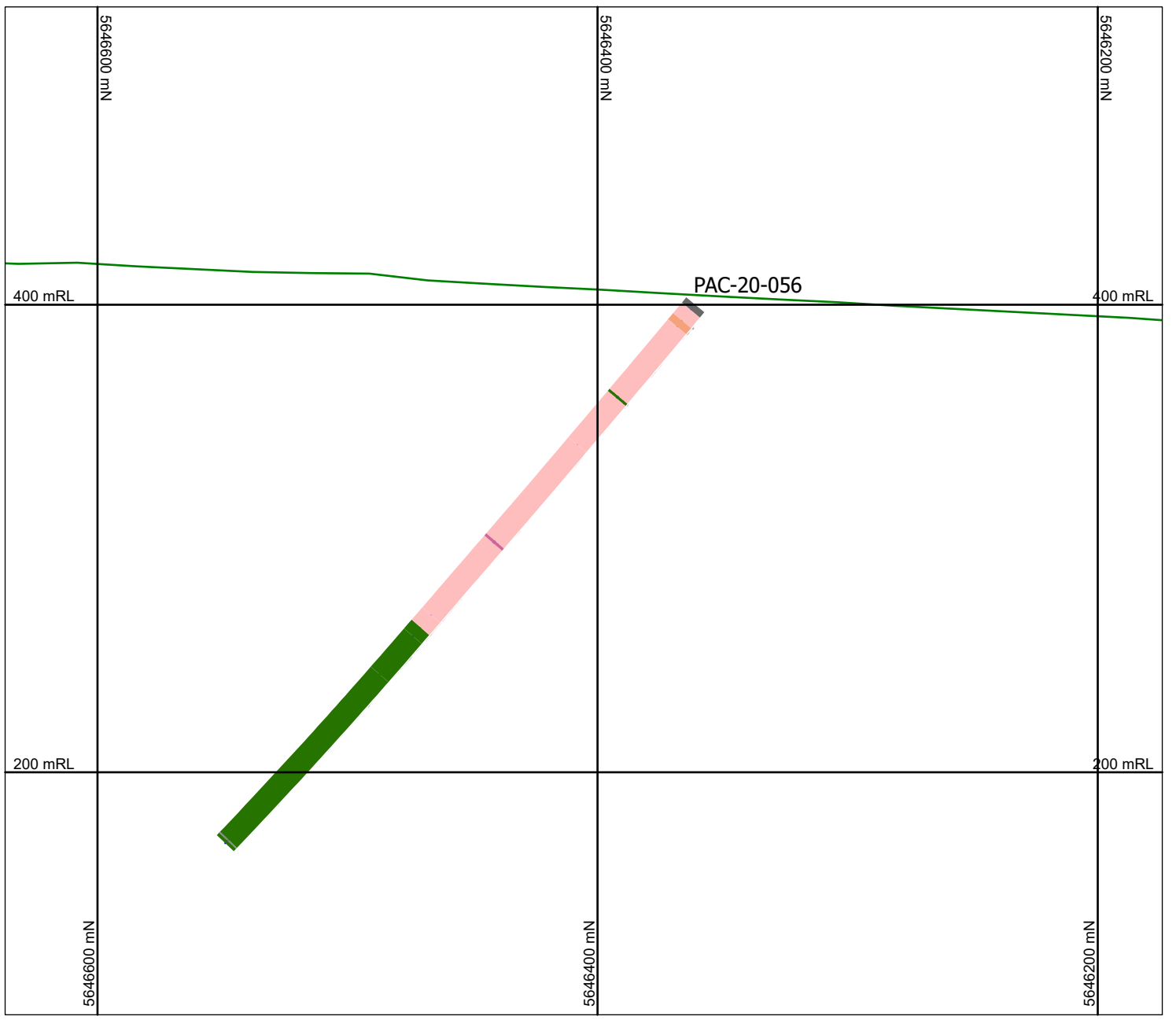
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-056

Az:	32°
Dip:	-50°
Length:	309 m

Section Specifications:

Start pt. E, N	440539 m, 5646024 m
Orientation	21°
View Direction	111°
View Width	+/- 50 m

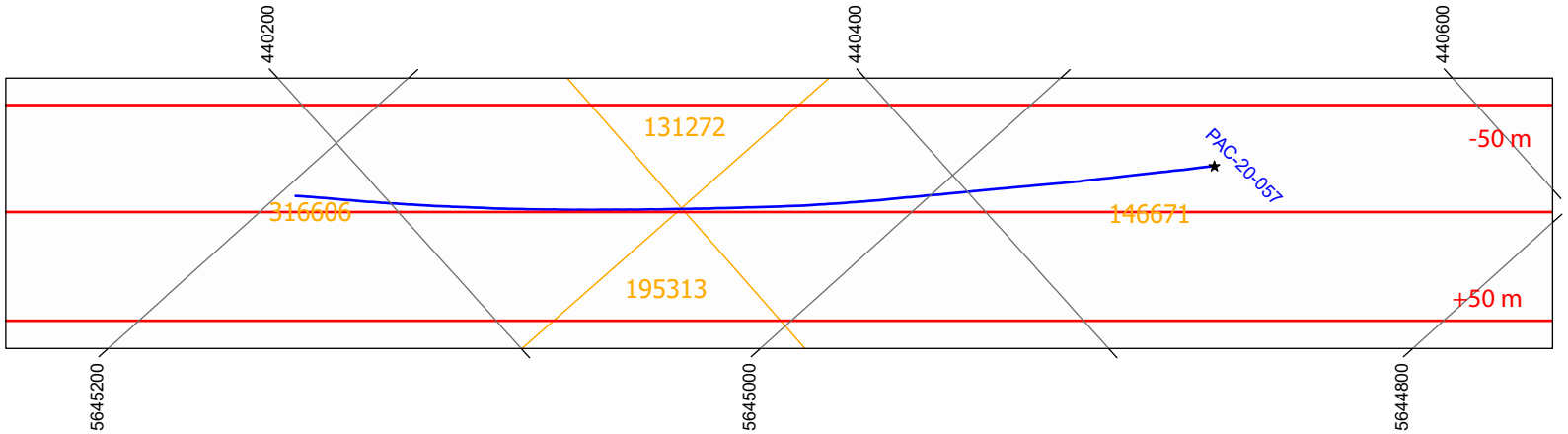
Pacton Gold Inc.

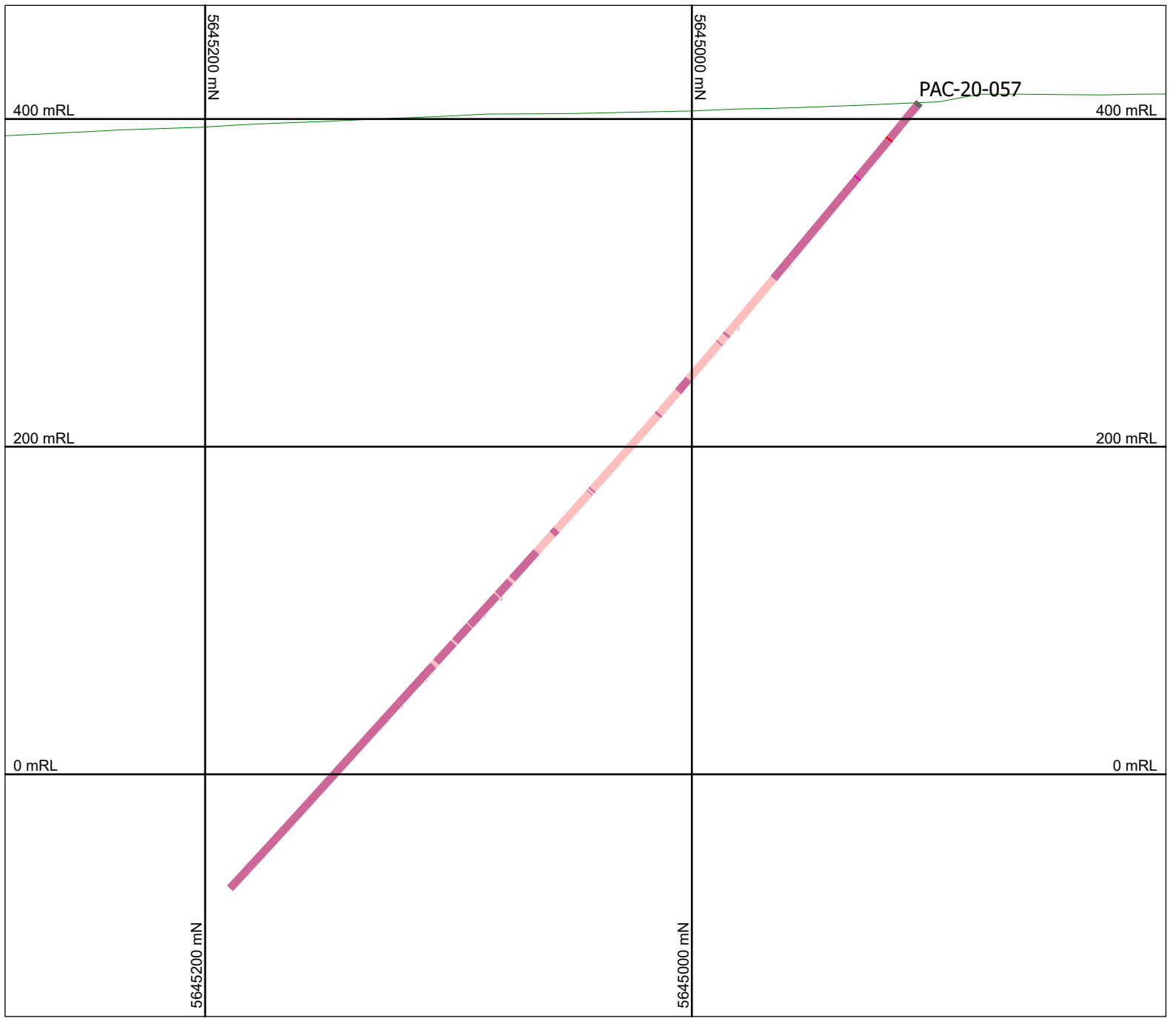
Red Lake Gold Project

2019-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-20-057

Az:	305°
Dip:	-50°
Length:	639 m

Section Specifications:

Start pt. E, N	440652 m, 5644747 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

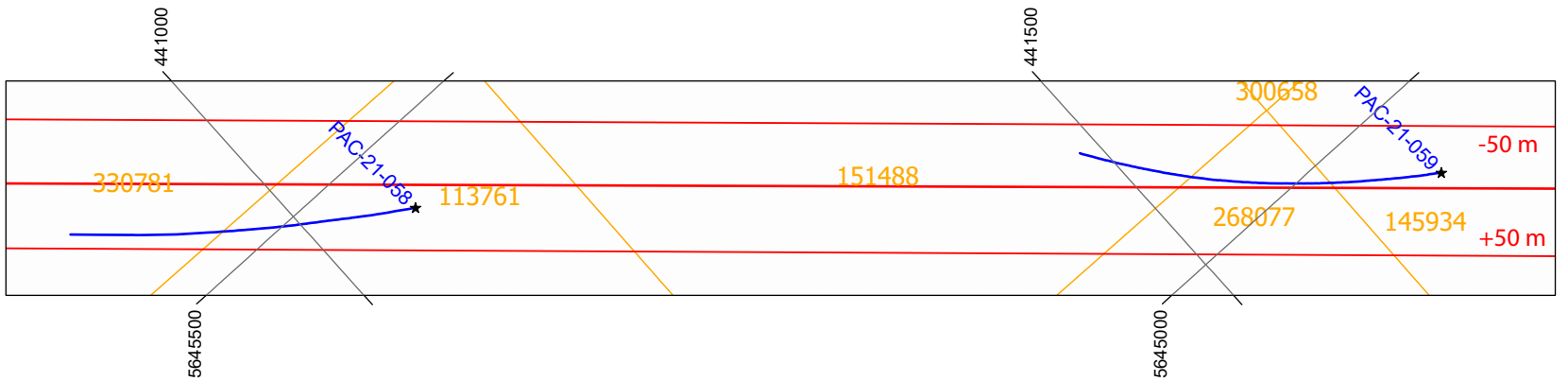
Pacton Gold Inc.

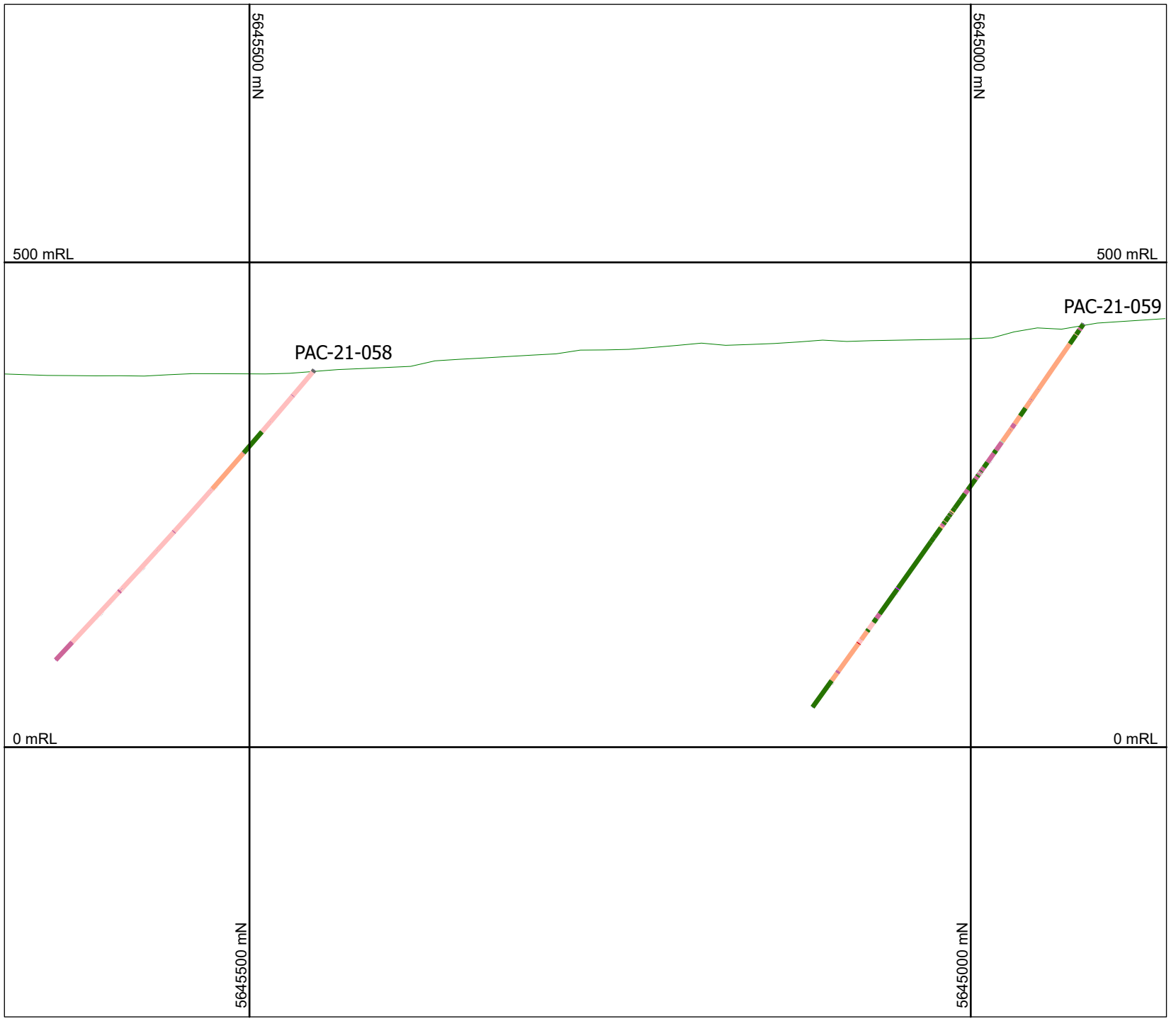
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.05 0.1 0.2 km





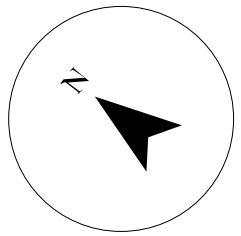
PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10



Holes Plotted:

PAC-21-058		**PAC-21-059**	
Az:	300°	Az:	300°
Dip:	-50°	Dip:	-55°
Length:	402 m	Length:	486 m

Section Specifications:

Start pt. E, N	441697 m, 5644901 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

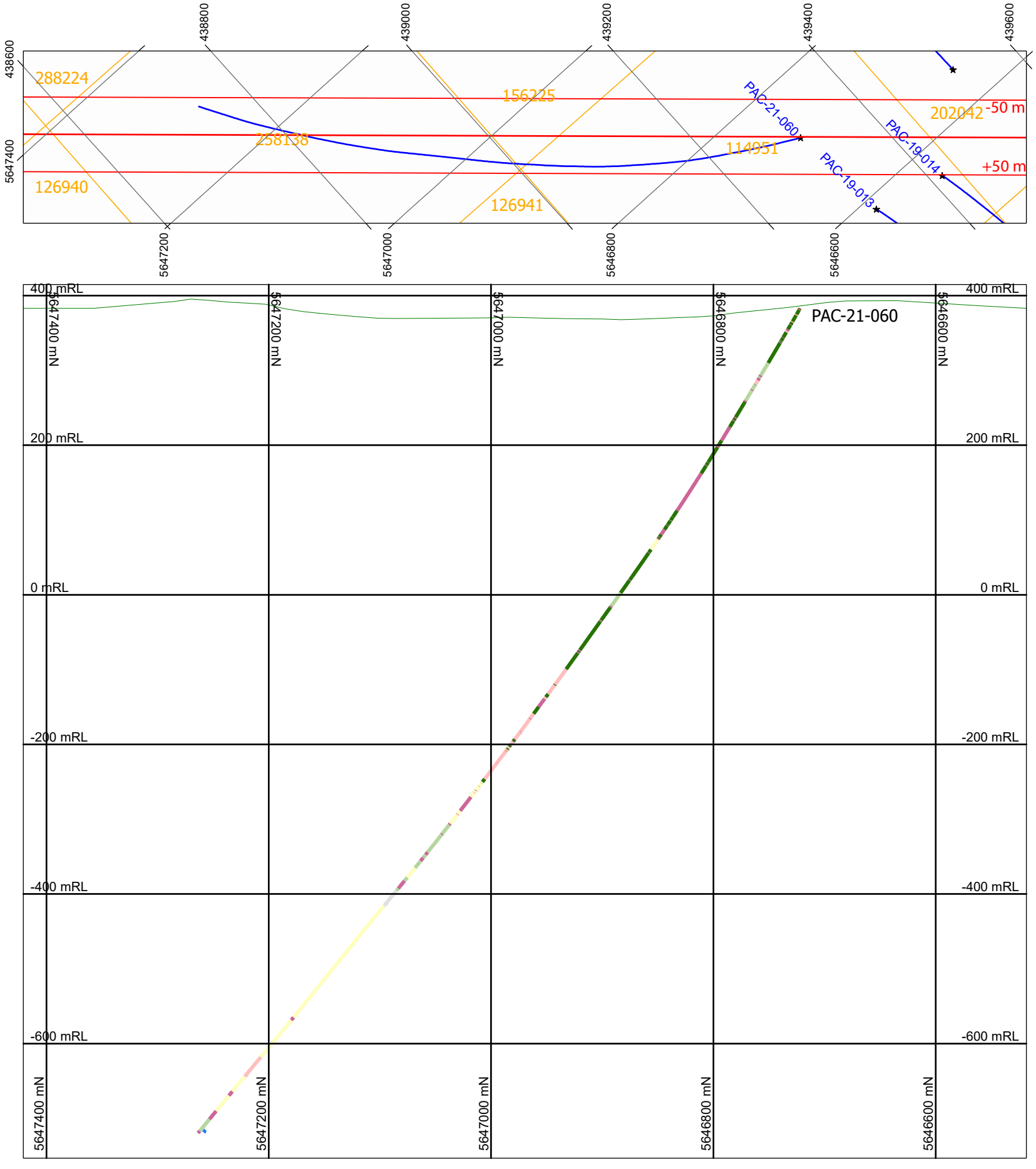
Pacton Gold Inc.

Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.1 0.2 0.4 km



PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-21-060

Az:	296°
Dip:	-60°
Length:	1374 m

Section Specifications:

Start pt. E, N	439354 m, 5646681 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

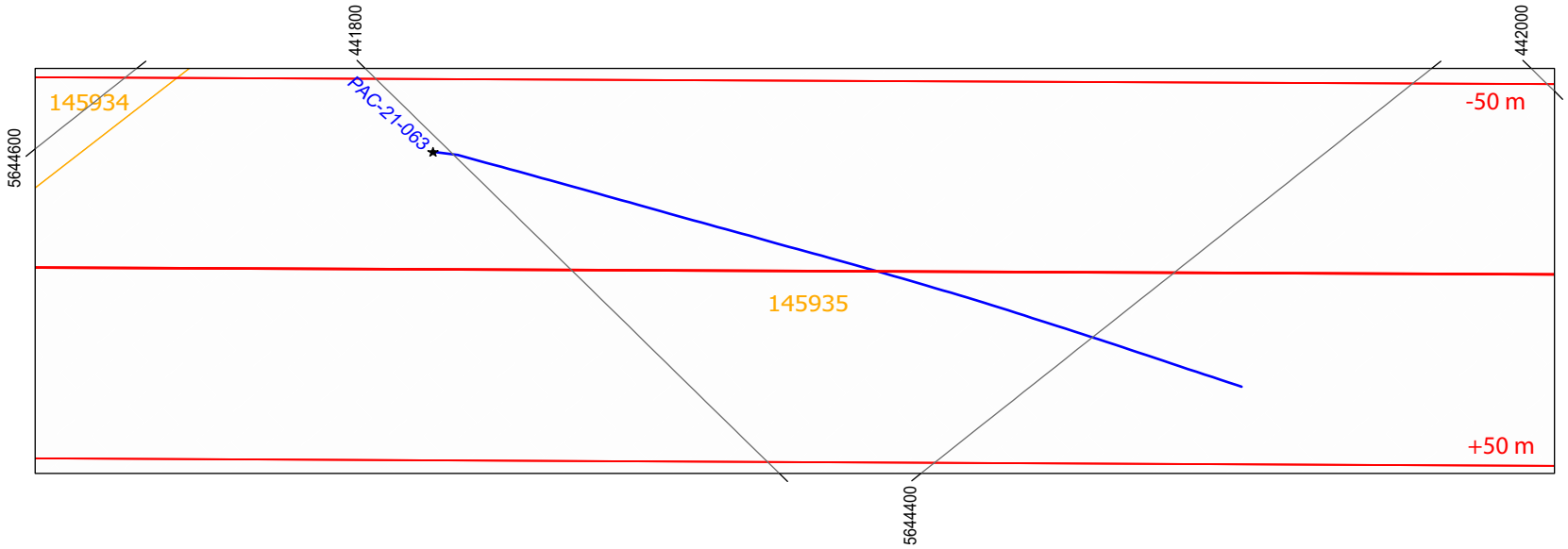
Pacton Gold Inc.

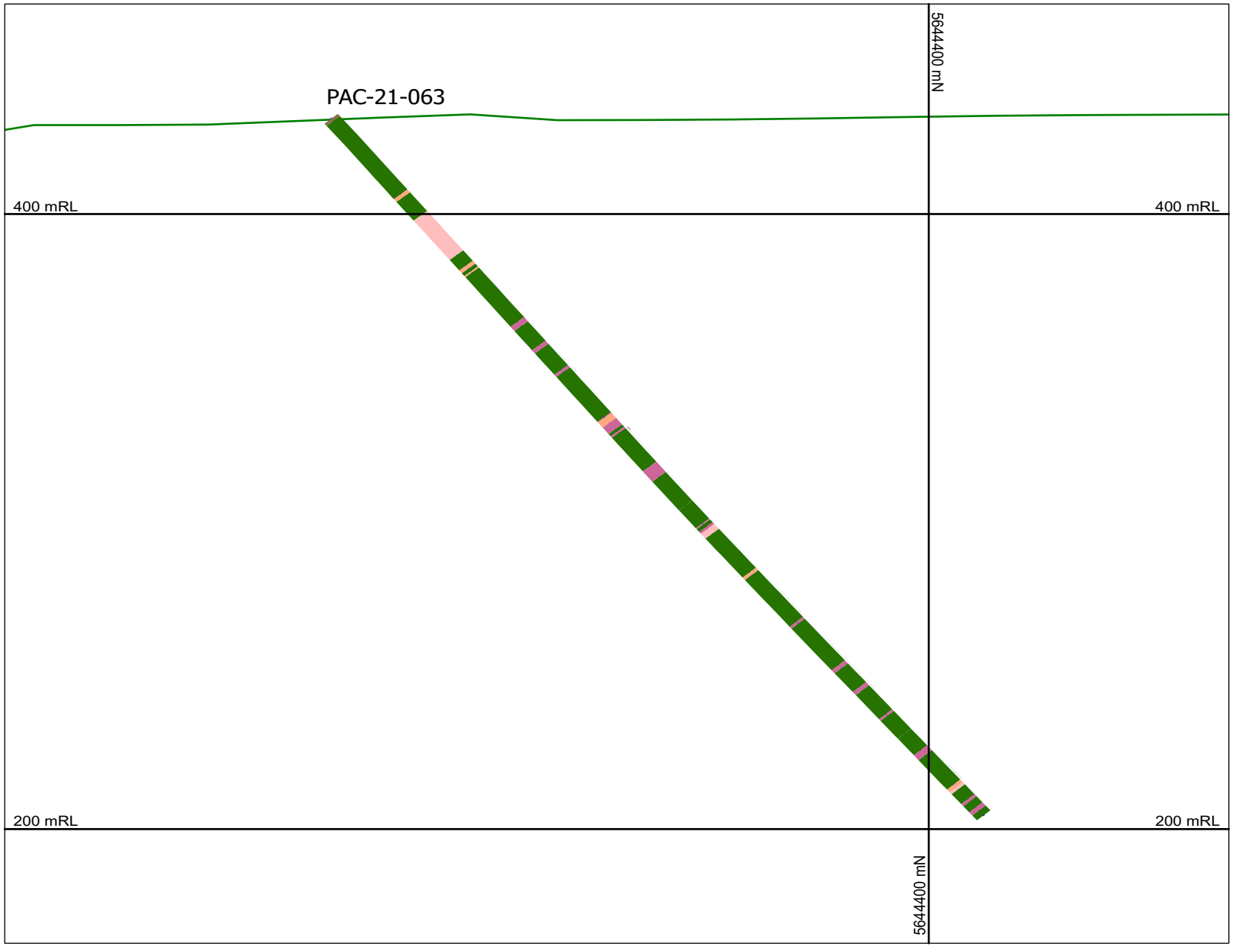
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.1 0.2 0.4 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-21-063

Az:	140°
Dip:	-50°
Length:	300 m

Section Specifications:

Start pt. E, N	442176 m, 5644152 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

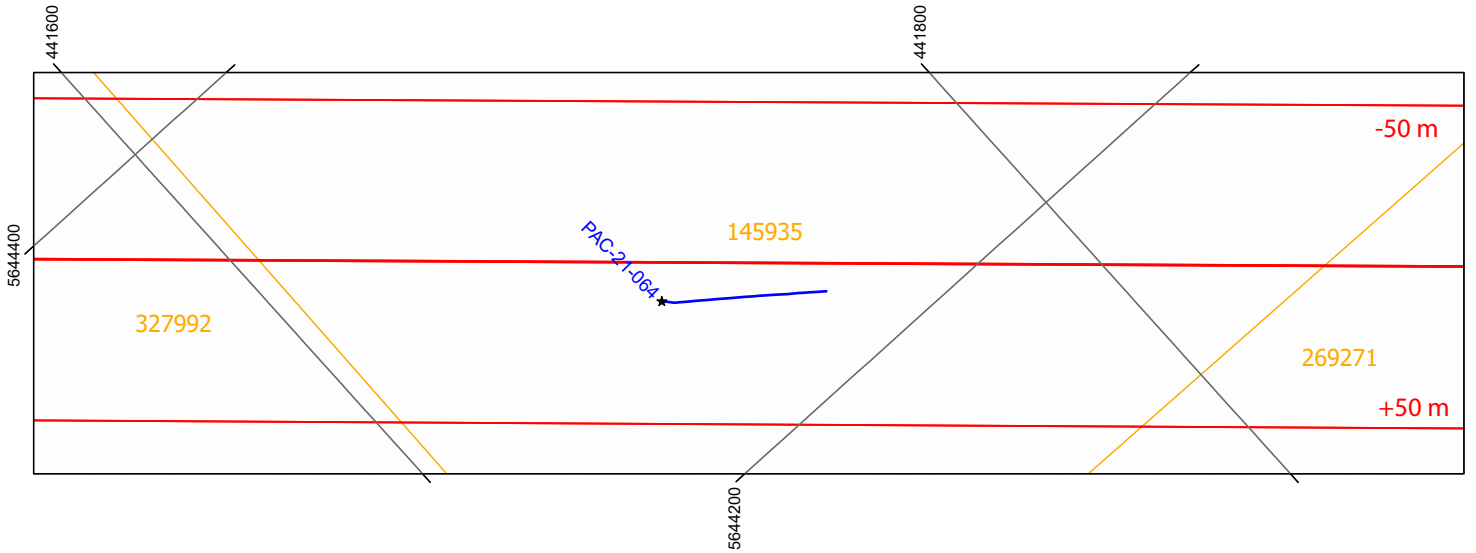
Pacton Gold Inc.

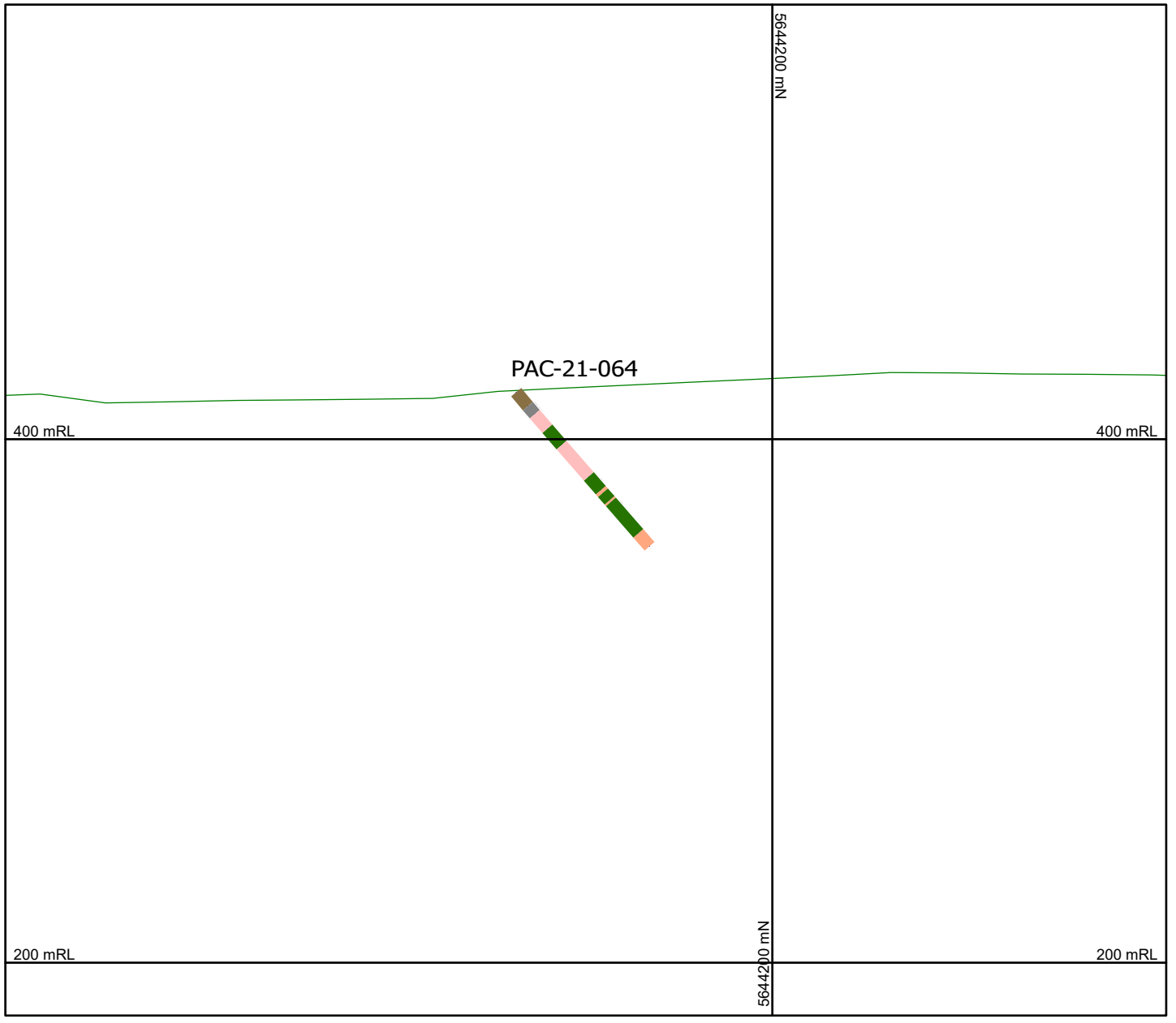
Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km





PACTON GOLD

Lithology Codes

- OB
- C1
- E0
- E1
- E2
- E3
- I0
- I1
- I2
- I3
- M3
- M4
- S1
- V

Bar Graph
Au ppm

- <= 0.3
- <= 0.5
- <= 1
- <= 5
- <= 10

N

Holes Plotted:

PAC-21-064

Az:	140°
Dip:	-50°
Length:	78 m

Section Specifications:

Start pt. E, N	442027 m, 5643968 m
Orientation	312°
View Direction	42°
View Width	+/- 50 m

Pacton Gold Inc.

Red Lake Gold Project

2020-2021 Drilling Cross Sections

Drawn by: K. Wynne P. Geo

0 0.03 0.05 0.1 km