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Assessment Report
On the
Agnew Lake Property
Sudbury Mining Division
Northern Ontario

NTS 041J05 & 08

Prepared for:

Canadian Palladium

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Vancouver, British Columbia,
Canada, V6G 3J4

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July 5, 2021

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Abbreviations and Units of Measurement

UTM	Universal Transverse Mercator		in	Inch(es)
Au	gold		Kg	Kilogram(s)
%	Percent		m	Metre(s)
<	Less than		Ma	Million years ago,
>	Greater than		m^2	Square metres
cm	Centimetre		mm	Millimetre(s)
Cu	copper		NI 43-101	Canadian National Instrument 43-101
DDH / ddh	Diamond drill hole		P.Geo.	Professional Geoscientist
IP	Induced Polarization		ppb	Parts per billion
GPS	Global positioning system		ppm	Parts per million
ha	Hectare(s)		QA	Quality Assurance
ICP-AAS	Inductively coupled plasma atomic absorption spectroscopy		QC	Quality Control
ICP	Inductively coupled plasma		QP	Qualified Person

Item 1: Summary

Clark Exploration and Consulting Inc. (“Clark Expl”) was contracted by Canadian Palladium Resources to conduct a preliminary field sampling program on the Agnew Lake Property (“The Property”). This report summarizes the sampling programs carried out in 2019 and 2020.

The Agnew Lake Property is located approximately 100 km west-southwest of the city of Greater Sudbury, and lies within the townships of Shakespeare, Dunlop, Shibananing, Gough, and Porter. It lies withing the Sudbury Mining Division, Northern Ontario, NTS Sheet 041J05 & 08, with the approximate centre of the property located at 429000 E 5134700 N NAD83 UTN 17N. The property consists of 269 single cell claims and covers approximately 5988 hectares.

The Agnew Lake Property is host to anomalous concentrations of Platinum (Pt), Palladium (Pd), Rhodium (Rh), gold (Au), Copper (Cu), and Nickel (Ni) associated with sulphides. The mineralization is hosted by inclusion-bearing and vari-textured varieties of gabbronorite found along the margin of the Agnew Lake Intrusion (ALI). Anomalous Pt-Pd-Au concentrations are also present in orthopyroxene bearing gabbros within the lower stratigraphic units of the Nipissing Gabbro (Diabase).

Sample programs on the Agnew Lake Property have been successful in confirming mineralization hosting in fine grained to medium grained gabbroic unit containing trace sulphides associated with the A-Zone and B-Zone occurrences.

Highlights from the 2019 prospecting program include sample 365659 from the “A Zone” which returned 1.204 g/t 3E (337 ppb Pt+479 ppb Pd+348 ppb Au) and sample 365671 from the “B-Zone” which returned 612 ppb Pt.

Highlights from the 2020 prospecting program include sample 440157 from the “A-Zone” which returned 1.08 g/t 3E and sample 440166 which is adjacent to the “B-Zone” returned the highest assay of the program 1.22 g/t 3E

Item 2: Introduction

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Item 3: Property Description and Location

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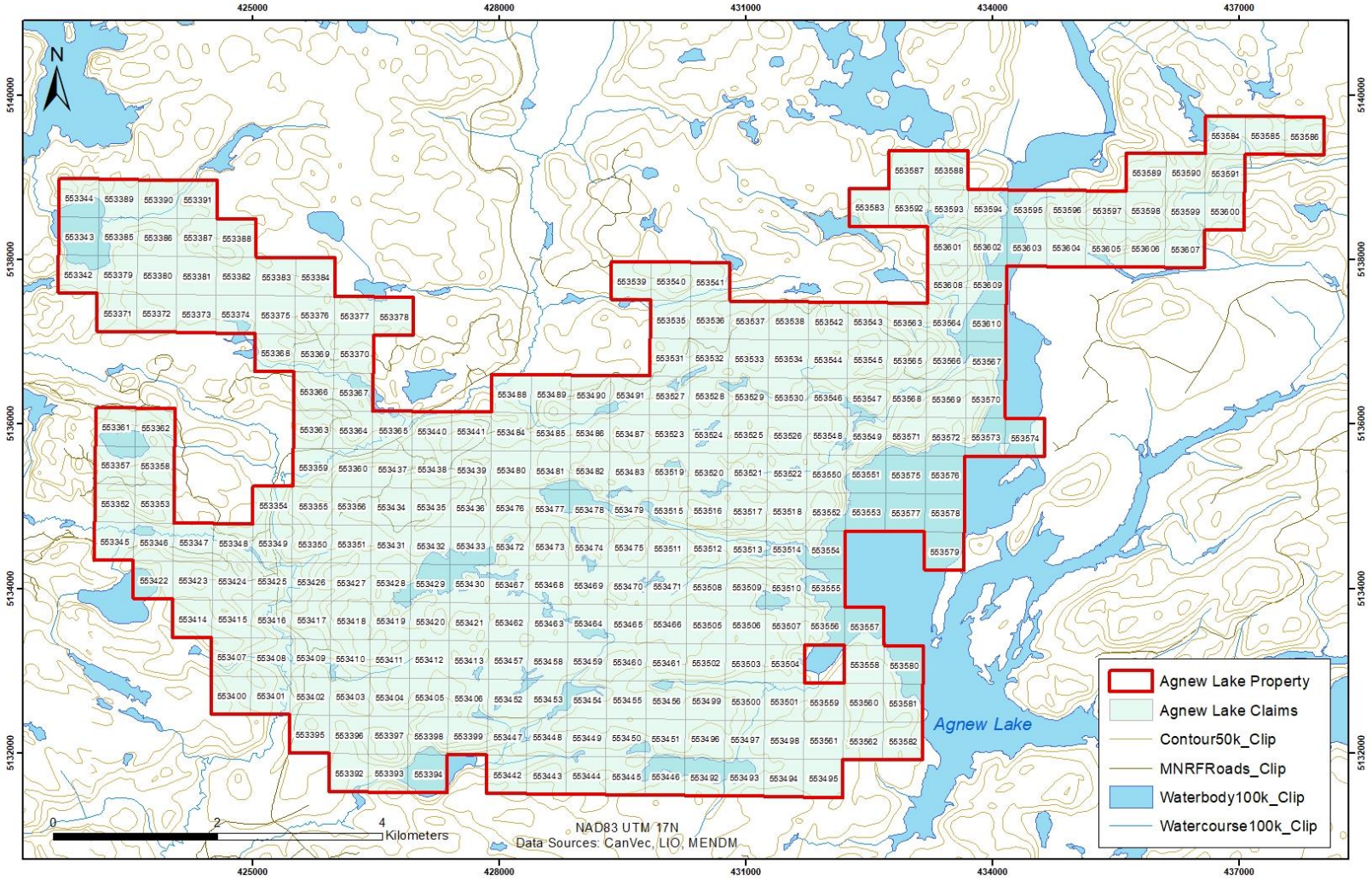
On April 10, 2018, Ontario converted their manual system of ground and paper staking and maintaining unpatented mining claims to an online system. All active, unpatented claims were converted from their legally defined location by claim posts on the ground or by township survey to a cell-based provincial grid. Mining claims are now legally defined by their cell position on the grid and coordinate location in the Mining Land Administration System (“MLAS”) map viewer.

The proposed exploration program in this report is subject to the guidelines, policies and legislation of the Ontario Ministry of Energy, Northern Development and Mines (“MENDM”), the Ontario Ministry of Natural Resources and Forestry and the Federal Department of Fisheries and Oceans regarding surface exploration, stream crossings, and work being carried out near rivers and bodies of water.

Figure 1. Agnew Lake Claims Map



Item 4: Accessibility, Climate, Local Resources, Infrastructure and Physiography

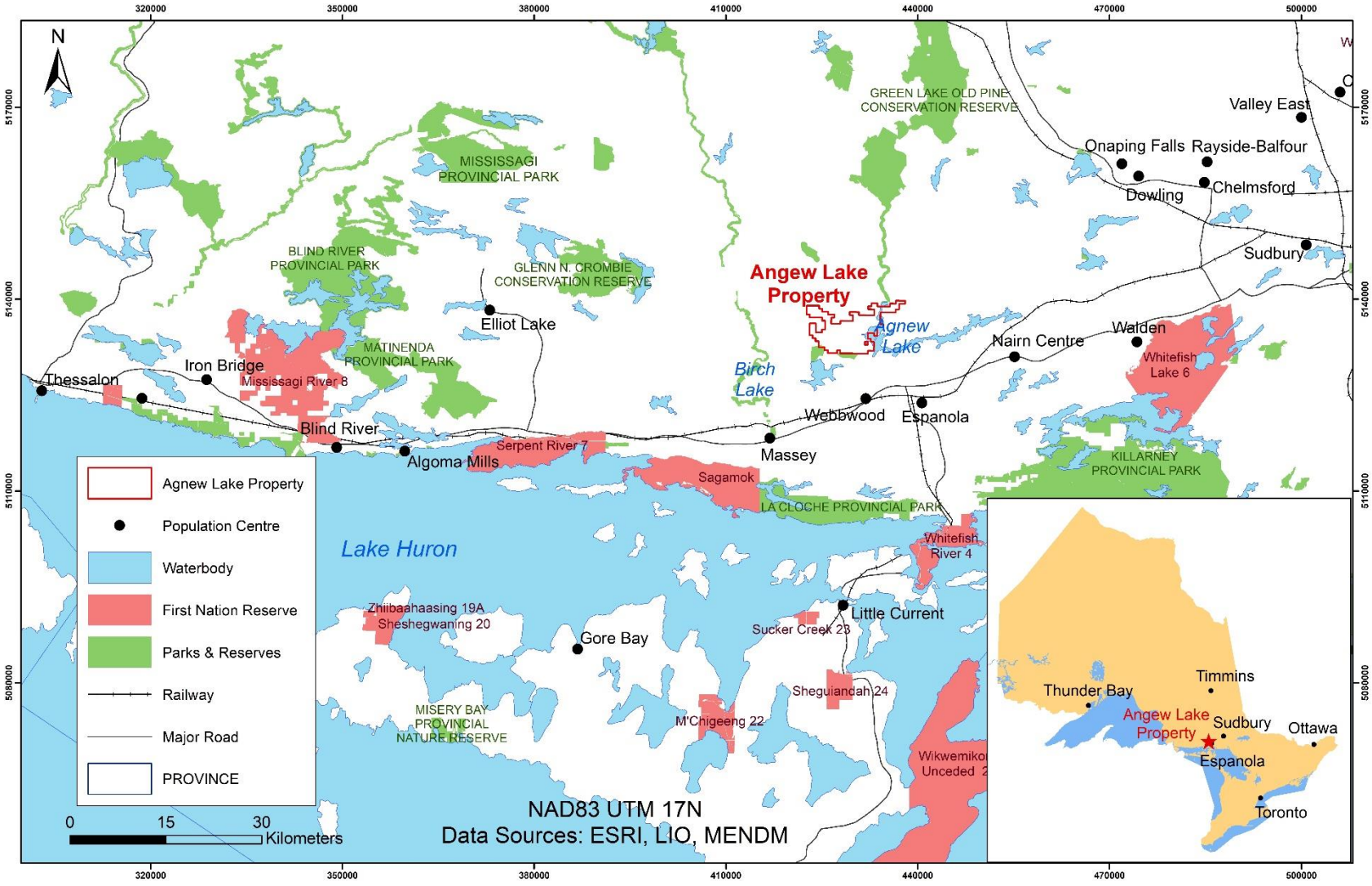
The Agnew Lake Property is located 100 km west-southwest of the city of Greater Sudbury and 9 km north from the town of Webbwood (Figure 2**Error! Reference source not found.**). The city of Greater Sudbury has a population of 165,000 and provides equipment and skilled labour for both the mineral exploration and mining industries, including smelting facilities. Rail, national highway, port, and international airport services are also accessible from Greater Sudbury. Webbwood provides access to basic amenities additionally.

The western part of the property is accessible from the Westbranch Road, and the southeast portion is accessible from the Agnew Lodge Road. Agnew Lake provides boat access to the eastern and northern parts of the property. A series of logging roads cut through the central part of the property and a Hydro One power line running northeast-southwest intersects the northern part of the property (Mourre and Jobin-Bevans, 2001).

The land in the Agnew Lake area generally rough: hilly with vertical or nearly vertical faces rising 6 to 15 m. The elevation of Agnew Lake is 261 m above mean sea level (AMSL). The hills of resistant diabase or granite rise to 48 to 61 m above the lake level. Drainage is eastward through Agnew Lake, an artificial lake enlargement of the Spanish River, formed by a hydro electric dam at High Falls in Hyman township. The lake water level varies up to ten feet depending mainly on the climatic conditions (Tilsley, 1968 and LaRocque, 1954). Interspersed areas of low relief are occupied by lakes, swamps, marsh, and muskeg. Parts of the property are covered by dense forest of mainly birch, maple, spruce, poplar, and pine trees. Bedrock exposure within the property accounts for approximately 15-20% of the land surface (Mourre and Jobin-Bevans, 2001).

Based on climatic data of the nearby town of Espanola, the warm season lasts from May 29 to September 18 with a daily high temperature above 18°C. The cold seasons lasts from December 4 to March 13 with a daily high temperature below 0°C. Rainfall varies significantly seasonally with the rainy season lasting from March 3 to January 4 with a sliding 31-day rainfall of at least 13 millimetres. The snowy period lasts from October 26 to April 24 with a sliding 31-day liquid-equivalent snowfall of at least 3 millimetres in liquid equivalent terms.

Figure 2 Location Map



Item 5: History

1953 - Ontario Nickel Mines (AFRI 41I05SW0016): A magnetometer survey on the north shore of Agnew Lake revealed multiple distinct anomalies. Two holes totalling 346.5 m were drilled to investigate the main anomaly. No sulphide mineralization was discovered, and the magnetic high is suggested to have been caused by a hornblende unit noted in the drill hole.

1954 - Dominion Gulf Company (AFRI 41I05SW0095): Two (2) diamond drill holes in the southwest corner of the intrusion totalling 93.3 m were completed. Results are not reported.

1954 - Dominion Gulf Company (AFRI 41I05SW0084): Work performed over the southwest corner of the current property included: line cutting, geological mapping; trenching, X-ray diamond drilling of 3 holes, grab and channel sampling. Ground magnetometer, scintillometer, and Geiger counter geophysical surveys were completed additionally. Magnetic anomalies were attributed to steeply dipping intrusive bodies or quartz diorite or diabase; however, similar units observed elsewhere did not produce a magnetic anomaly. A least 5 radioactive anomalies underlain by quartzite were discovered but have not been interpreted.

1957 - Noranda Mines Ltd (AFRI 41I05SW0083): Magnetometer and electromagnetic surveys on two groups of claims along the western side of Agnew Lake consisted of a total of 841 electromagnetic and 1647 magnetometer receiver stations. One weak conductor corresponds to a magnetic anomaly on claims 98060 and 98061 may be of interest. A few other weak conductors were noted but not interpreted.

1966 - Broulan Reef Mines Ltd (AFRI 41I05NW0029): 13 holes were drilled in the Baldwin Township and encountered two separate quartz pebble conglomerate units. The best radiometric intersection of the drill holes reported was 2.5 U_3O_8 pounds/ton over 2.6 m.

1967-1968 - Broulan Reef Mines Ltd (as reported in AFRI 20000001268): Broulan Reef Mines Ltd conducted an airborne magnetometer and electromagnetic survey in 1967 and a ground electromagnetic survey in 1968 but location and results are not specified.

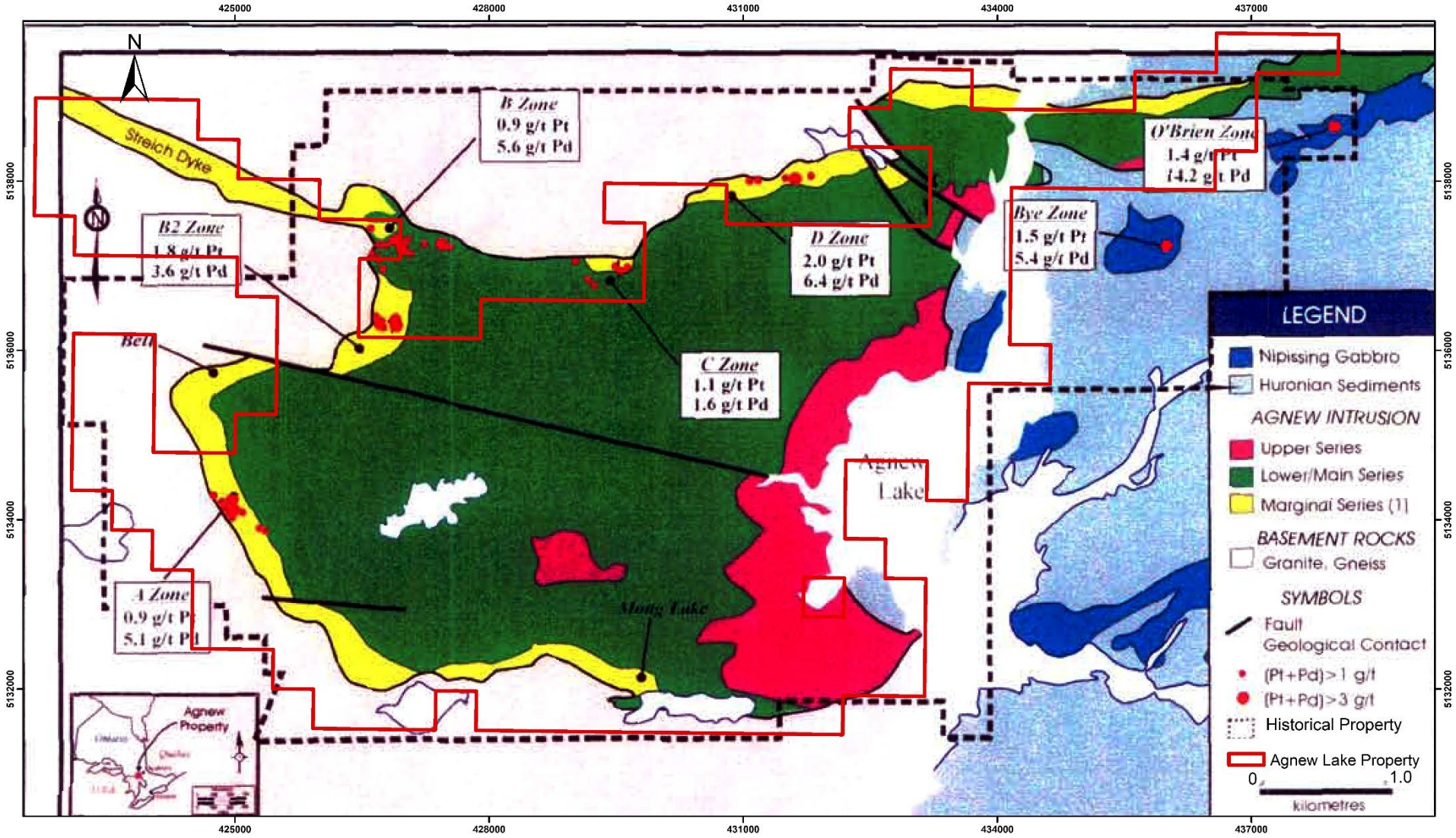
1968 - Pick Mines Ltd (AFRI 41I05SW0103): Magnetic, electromagnetic and gamma ray spectrometer surveys were completed over Agnew Lake with stations spaced 30.5 m apart. The magnetic survey indicated one distinct magnetic feature thought to be represent a gabbroic phase of the amphibolite body in the western part of the survey area. The electromagnetic and gamma ray spectrometer surveys did not produce any anomalies of potential economic interest.

1969-1970 - Falconbridge Nickel Mines (AFRI 41I05SW0094, AFRI 41I05SW0104, 41I05SW0141, 41I05SW0093): Falconbridge Nickel Mines Ltd completed a 95.1 m drill hole on claim S145219 that did not reach bedrock. A 218.2 m drill hole on claim S 152326 encountered conglomerate and arkose but no assays are reported. On claim 154632, a 115.8 m diamond drill hole was completed along the east-central edge of the intrusion. The hole intersected 65.2 m of Huronian metasediment and 18.9 m of sheared and highly altered gabbro containing finely disseminated pyrite. Assay results are unknown. On claim 145350 in 1970, a hole reached a depth of 106.1 m with no core recovery before abandonment. An additional hole was drilled on this claim and reached a depth of 365.8 m and encountered quartzite, conglomerate and arkose units of the Huronian Supergroup before reaching sheared gabbro at 187.8 m. No assays are reported.

1974 - Inco Ltd (as reported in AFRI 20000001268): A two- (2) day reconnaissance sampling program was completed in Shakespeare Township. A total of 8 samples were collected, no assay results were reported.

1986 - BP Resources Corp (as reported in AFRI 20000001268): BP staked claims on the property under the suspicion that the bodies mapped as "Nipissing" are offshoots from the magmas that fed the Sudbury Igneous Complex. Reconnaissance sampling in Shakespeare Township during the field season in 1986 returned five samples with values in excess of 1 g/t combined Pt and Pd in the area subsequently termed the A-Zone (Figure 3)

Figure 3: Mineralized Zones as defined by BP Resources Corp on the Agnew Lake Property. Adapted from Barry and Zemoroz, 2006. The Bye and O'Brien Zones are located outside of the current property.



1987-1988 - BP Resources Corp (41I06NW0032 and as reported in AFRI 20000001268): Fieldwork in the summers of 1987 and 1988 focused on systematic sampling and traversing of BP Resource's claims. In 1987, a grid was established over the A-Zone and several lines of induced-polarization survey were completed. 105 grab samples were taken from contact zones during reconnaissance prospecting. Assay results returned 5 samples with combined Pt+Pd >1 g/t. The best assay returned was 4.1 g/t combined Pt+Pd.

In 1988, 36.7 line km of airborne magnetometer and VLF electromagnetic surveys were completed over an area denoted as Area 14 on the west side of the current property. Magnetic high anomalies are attributed to diabase dykes and marginal phases of gabbro intrusions. A possible structural or compositionally segregated feature was detected as a strong northwesterly to northerly striking conductor within a gabbro outlined by the electromagnetic survey.

The A-Zone (Figure 3) grid was re-established in 1988 and 6.3 line km of induced polarization were surveyed. Mapping and sampling of the A-Zone outlined mineralization over a 25-35 m wide interval extending intermittently for 700 m along strike. 38 of the 142 samples assayed >1 g/t combined Pt+Pd, and 9 samples returned values >2 g/t Pt+Pd.

1989 - BP Resources Corp (AFRI 41I05SW0167): Four (4) diamond drill holes were completed over the A-Zone totalling 542 metres. These holes mainly encountered gabbro and felsic intrusive units and no assays have been included.

1989 - Placer Dome Ltd (AFRI 41I05NW0033): A VLF electromagnetic survey and a total field magnetic survey were conducted within the Dunlop Township covering the northeastern part of the current property. The VLF survey located three (3) conductive horizons and a number of isolated magnetic anomalies, one which is in correspondence to a VLF conductor.

1990 - BP Resources Corp (AFRI 41J08NE0003, 41I05NW0032, 41I05NW0030, and as reported in 20000001268): A total of 557 line km of north-south flying surveys were completed during the total field magnetics and VLF-EM survey in a region west of Agnew Lake. Generally, the magnetic anomalies were reflective of magnetic intrusive units. VLF conductors are noted along diabase dykes based on the interpreted magnetometer data. Other VLF conductors follow magnetic lows and suggest the presence of structural features or geological contacts.

923 surface samples were collected from the central parts of the intrusion, of which 144 returned combined Pt+Pd values >1 g/t. Surface sample highlights are presented in Table 1. BP Resources also completed 28 diamond drill holes (totalling 4801.75 m) over the B-, C-, & D-Zones (Figure 3). Overall assay results were anomalous but not encouraging and summarized in Table 2.

Table 1: Significant assays from BP Resources Corp 1990 surface sampling program.

Zone	Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Rh (ppb)
A-Zone	12152	198	869	5060	120
B-Zone	12294	388	1263	1777	37
B-Zone	12439	318	750	2440	55
B2-Zone (Brunne Option)	12271	307	867	5600	129
B2-Zone (Brunne Option)	12313	109	651	5410	95
B2-Zone (Brunne Option)	12509	35	717	3860	119
C-Zone	12762	280	635	1653	41
C-Zone	12803	154	1079	1564	54
D-Zone	12574	396	2350	339	50
D-Zone	12576	206	3340	356	62
D-Zone	12576	306	4180	432	58
D-Zone	12860	68	3160	411	132
D-Zone	12868	229	2027	6440	686

Table 2: Significant assays from BP Resources Corp from drill core sample from the 1990 diamond drilling program.

Zone	Drill Hole	Interval (m)	Au (ppb)	Pt (ppb)	Pd (ppb)
B-Zone	90-B-15	30.0-31.0	23	552	2168
B-Zone	90-B-16	23.0-24.0	34	266	1620
B-Zone	90-B-17	7.0-8.0	6	326	1017
B-Zone	90-B-18	210.0-211.0	16	731	1749
C-Zone	90-C-01	83.95-85.0	14	174	903
D-Zone	90-D-02	46.0-47.0	15	524	1081
D-Zone	90-D-07	358.0-359.0	37	1321	4570
D-Zone	90-D-09	561.0-562.0	126	459	1518

1992-1993 - INCO Ltd (as reported in AFRI 20000001268): Agnew Lake claims were transferred to INCO Ltd. INCO Ltd. conducted a bulk channel sampling program over the B- and D-Zones (Figure 3). The bulk sample results indicate average grades of 56 ppb Pt and 188 ppb Pd from the B-Zone mineralization, and 634 ppb Pt and 163 Pd from the D-Zone mineralization.

1999 - New Millennium Metals Corp. (AFRI 41I05NW2002): New Millennium Metals Corp. optioned the Agnew Lake property from the claim holders in 1999, and subsequently staked the remaining open ground on the Agnew Lake Intrusion. The field program implemented in May of that year targeted contact and stratabound Platinum Group Elements (PGE) mineralization within the Agnew Lake Intrusion, and PGE-Au mineralization in nearby Nipissing gabbro sills. The field program consisted of outcrop mapping and sampling, soil sampling, trench mapping, and diamond drilling.

The surface sampling program supported the earlier work that indicated high-grade Pd+Pt mineralization associated with several zones along the contact of the Agnew Lake Intrusion. New Pd mineralization discoveries by New Millennium Metals Corp. include a small sulphide showing at the west end of Mong Lake along the southern contact, and additional contact style mineralization north of the A-zone. High grade Pd+Pt+Au mineralization was discovered within a Nipissing gabbro sill located east of the main part of the Agnew Lake Intrusion on the east side of Agnew Lake.

During the field season, a total of 980 samples were collected, of which 110 assayed >0.5 g/t Pt+Pd. A detailed MMI soil-sampling program was conducted to evaluate the potential of the upper portion of the Agnew Lake Intrusion to host "reef-style" PGE mineralization. This program consisted of 1004 soil samples taken from the East Grid located in the southeast corner of the current property. The Pd results indicated a number of anomalies on the southern section of the grid, and the strongest anomalies coincide with areas of limited overburden cover. Six (6) trenches totalling 802 m in length were dug in this area and subsequently mapped and sampled at one-(1) metre intervals. These trench samples did not return anomalous results. Ten (10) drill holes totalling 1222 m were drilled in three (3) separate areas: East Grid, B-Zone, and the Bye showing (outside of current property boundary – see Figure 3) Drilling the B-Zone identified multiple stratabound mineralized intervals in the basal contact of the Agnew Intrusion with sub-economic PGE grades over 1-10 m.

2000 - James E Bond (AFRI 41I05SW2006 and 41I05SW2005): On claim 1229998 of the Boundary Lake Area, a hole totalling 109.40 m was drilled on the “J. E. Bond Property.” The hole encountered massive to sheared gabbro but no assays results have been included. Seven (7) grab samples of gabbro were sent for assay and returned low parts per billion of Pt and Pd.

2000-2001 - Pacific North West Capital Corp. (as reported in AFRI 20000001268): Phase 1 of the exploration program consisted of 202 grabs from regional prospecting, and 201 samples from detailed sampling. The assays returned from these samples confirmed anomalous PGE mineralization in areas previously defined by BP Resources and New Millennium Metals Corp. The highest assay value from surface sampling was 5.61 g/t (Pt+Pd+Au), collected from the B-Zone. Approximately 113 line kilometres of exploration grid were established in the A-Zone, B-Zone and C-Zone (Figure 3).

Induced polarization (IP) and magnetometer geophysical surveys were conducted in the fall of 2001 along selected areas of the intrusive contact in order to investigate lithological units within ~400 metres of the intrusion contact. The surveys were conducted over the A-Zone, B-Zone, and C-Zone grids. Several areas with substantial chargeability values were identified and some of the higher priority anomalies were prospected.

Phase 2 of surface exploration in 2001 included a total of 2,639 grab samples collected during regional sampling and submitted for assay. An additional 17 km of exploration grid were added onto the previously established A-Grid to provide complete coverage of

the western contact of the Agnew Lake intrusion. A total of 1,886 samples were collected from six-stripped areas in the A and B zones. Selected assays are presented in Table 3. Induced Polarization and magnetometer geophysical surveys were completed on the A-Grid extension and was successful in discovering several substantial chargeability anomalies.

Table 3: Selected assay results from Pacific North West Capital Corp 2001 surface sampling program.

Sample	Rock Type	% Visible Sulphides	Au (ppb)	Pt (ppb)	Pd (ppb)	Ni (ppm)	Cu (ppm)	3E (ppb)	Pd/Pt	Cu/Ni
143659	GAB	tr	10	369	889	113	3	1268	2.4	0
18498	LGAB	nv	5	548	752	70	23	1305	1.4	0.3
18820	PYROX.	2	91	465	753	85	284	1309	1.6	3.3
LQ-OI-06	LGAB	<1	133	611	611	164	2560	1355	1	15.6
20013	LGAB-GAB	nv	11	716	689	102	120	1416	1	1.2
143998	LGAB	1	18	822	583	139	385	1423	0.7	2.8
18677	PYROX.	1	10	1030	415	90	6.3	1455	0.4	0.1
143985	PYROX.	<1	17	1078	383	110	24	1478	0.4	0.2
158679	PYROX.	1	54	943	501	102	174	1498	0.5	1.7
143991	PYROX.	tr	5	835	666	132	8	1506	0.8	0.1
19971	GAB	2	308	952	332	1630	7190	1592	0.3	4.4
18912	MGAB	1-2	147	1308	257	71	1335	1721	0.2	18.8

tr=trace; nv=none visible

2001 - Mustang Minerals Corp (AFRI 41I05NW2007): The **“**Streich Dyke Grid” was mapped on the northwest corner of the property but no areas of economic interest were located. The highest combined Pt+Pd value out of the 193 grab samples collected in this grid returned 149 ppb.

2001-2002 - Pacific North West Capital Corp. (as reported in AFRI 20000001268): The diamond drilling program consisted of ten (10) holes in 2001 and 11 holes in spring of 2002. A total of 3000 metres were completed in the areas of the A- and B-Zone. Anomalous PGE sulphide mineralization of significant width and assays of >0.25 g/t Pt+Pd+Au (3E) was intersected in 20 of the 21 drill holes. Selected assay results are presented in Table 4.

In 2002, prospecting on the northern portion of the Agnew Lake Intrusion and in the Stony Lake Area was completed. Selected results are highlighted in Table 5. Additionally, Eagle Mapping Services Ltd. completed a digital topography survey for the property that included colour orthophotos.

Table 4: Selected assay results from the Pacific North West Capital Corp 2001-2002 diamond drilling program

Drill Hole	From (m)	To (m)	Interval (m)	Au (ppb)	Pt (ppb)	Pd (ppb)	3E (ppb)	3E (g/t)
AL-01	12.85	14.50	1.65	4.4	163.3	238.3	406.1	0.41
AL-02	3.00	17.00	14.00	29.1	86.5	340.5	456.1	0.46
AL-02	6.00	17.00	11.00	23.2	105.1	427.4	555.7	0.56
AL-03	27.00	30.35	3.35	18.0	8.3	188.0	214.3	0.21
AL-03	39.00	40.00	1.00	46.5	171.0	291.5	509.0	0.51
AL-03	41.00	42.50	1.50	41.7	269.3	289.0	600.0	0.60
AL-04	30.00	33.00	3.00	25.5	117.0	240.2	382.7	0.38
AL-04	39.65	41.00	1.35	18.0	141.3	178.4	337.7	0.34
AL-05	57.00	62.50	5.50	2.5	95.5	233.3	331.4	0.33
AL-06	66.50	77.50	11.00	29.6	226.6	152.5	408.8	0.41
AL-06	69.00	70.50	1.50	55.3	866.3	384.0	1305.7	1.31
AL-06	69.00	77.50	8.50	36.6	245.1	180.5	462.2	0.46
AL-07	77.00	86.00	9.00	38.2	149.6	165.4	353.2	0.35
AL-07	83.00	84.50	1.50	40.7	230.3	465.7	736.7	0.74
AL-08	103.00	103.50	0.50	6.0	877.0	149.0	1032.0	1.03
AL-08	124.50	141.50	17.00	10.3	83.6	171.1	265.0	0.27
AL-08	129.00	132.00	3.00	14.7	175.2	305.8	495.7	0.50
AL-09	93.00	96.00	3.00	5.5	146.8	212.3	364.7	0.36
AL-09	118.50	127.50	9.00	22.4	144.3	157.7	324.4	0.32
AL-09	132.50	136.00	3.50	42.9	250.0	212.4	505.3	0.51
AL-10	75.00	76.00	1.00	3.0	195.0	465.0	663.0	0.66
AL-10	78.00	80.00	2.00	2.0	182.0	146.5	330.5	0.33
AL-10	94.60	98.00	3.40	14.8	126.4	90.9	232.1	0.23
AL-11	23.00	36.00	13.00	18.9	165.3	164.7	348.9	0.35
AL-11	31.50	36.00	4.50	50.0	338.0	225.0	613.0	0.61
AL-12	65.00	66.50	1.50	39.0	471.3	497.7	969.0	0.97
AL-13	68.00	70.00	2.00	58.5	686.0	1924.5	2669.0	2.67
AL-13	69.00	70.00	1.00	115.0	1310.0	3760.0	5185.0	5.19
AL-13	105.55	109.00	3.45	4.9	111.7	202.3	318.9	0.32
AL-14	81.00	82.25	1.25	0.0	242.0	514.0	756.0	0.76
AL-15	50.75	55.00	4.25	5.2	112.2	160.6	278.1	0.28
AL-15	83.00	88.00	5.00	5.4	86.6	178.2	270.2	0.27
AL-16	44.00	49.00	5.00	6.0	114.6	308.0	428.6	0.43
AL-16	110.00	117.50	7.50	5.5	153.0	408.5	567.0	0.57
AL-16	111.50	115.00	3.50	8.0	250.9	741.9	1000.7	1.00
AL-17	101.00	135.60	34.60	22.8	171.1	110.2	304.1	0.30
AL-17	111.00	115.00	4.00	69.3	777.5	371.3	1218.0	1.22
AL-17	111.00	133.00	22.00	34.7	232.5	157.5	424.7	0.42
AL-17	127.50	130.50	3.00	39.8	148.5	288.5	476.8	0.48

AL-18	112.00	120.00	8.00	1.8	223.4	87.1	312.3	0.31
AL-18	117.00	120.00	3.00	3.7	540.0	186.5	730.2	0.73
AL-18	117.00	121.00	4.00	2.8	430.1	150.0	582.9	0.58
AL-18	134.00	141.45	7.45	15.3	182.1	324.9	522.3	0.52
AL-18	136.50	141.45	4.95	21.4	200.1	284.7	506.2	0.51
AL-18	149.00	151.00	2.00	29.5	342.0	1104.0	1475.5	1.48
AL-20	128.50	130.50	2.00	7.5	269.3	115.0	391.8	0.39
AL-20	134.50	135.00	0.50	17.0	1070.0	460.0	1547.0	1.55
AL-20	139.50	149.00	9.50	22.6	188.8	124.5	335.8	0.34
AL-20	139.50	150.50	11.00	19.6	165.8	118.3	303.7	0.30
AL-20	141.50	144.00	2.50	48.2	396.8	279.6	724.6	0.72
AL-20	147.30	149.00	1.70	29.9	364.8	200.9	595.6	0.60
AL-20	170.00	174.00	4.00	27.6	121.4	357.1	506.1	0.51
AL-21	109.50	113.70	4.20	5.3	195.3	93.9	294.5	0.29

Table 5: Selected assay results from Pacific North West Capital Corp 2002 surface sampling program

Sample Number	Rock Type	% Visible Sulphides	Au (ppb)	Pt (ppb)	Pd (ppb)	Ni (ppm)	Cu (ppm)	3E (ppb)	Pd/Pt	Cu/Ni
19925	MGAB	1	34	977	2020	179	1100	3031	2.1	6.1
158619	GAB	<1	185	677	2169	517	2420	3031	3.2	4.7
18532	GAB	2-3	65	384	2627	1074	1227	3076	6.8	1.1
143361	MGAB	1	91	835	2160	154	258	3086	2.6	1.7
143065	PYROX	1	275	1580	1260	91	560	3115	0.8	6.2
18755	GAB	nv	36	875	2280	72	6.2	3191	2.6	0.1
158561	PYROX	tr	28	2309	1032	139	45	3369	0.4	0.3
18353	GAB	4-5	104	420	3570	853	2140	4094	8.5	2.5
158568	PYROX	<1	195	3131	1629	92	194	4955	0.5	2.1
158630	GAB	4	518	1057	3498	816	6304	5073	3.3	7.7
158620	GAB	<2	372	1498	3980	879	5498	5850	2.7	6.3
143997	MGAB	5	153	8332	3812	2537	4441	12297	0.5	1.8

tr=trace; nv=none visible

A grid was cut for a geophysical gravity survey, which was then surveyed for line station position and elevation. JVX concluded that the maximum thickness of the Agnew Lake Intrusion along the survey line varied from 1,134 to 2,089 metres. Later drilling proved that the intrusion is deeper than this prediction.

JNX Ltd conducted Time-Domain Spectral Induced Polarization (IP)/Resistivity survey from December 2001 to January 2002. A total of 11 IP zones were identified and five (5) of these were developed as exploration targets. The highest priority target is T-5, which is located within the IP chargeability zone IP-7.

An internal report on the geochemistry and petrography of the Agnew Lake Intrusion was also submitted by G. Mourre. This report details trace element changes throughout the intrusion and concludes that early sulphide saturation did not occur, which would have caused early precipitation of the PGE. This idea was based on a large-scale modelling similar to a Sudbury or Noril'sk system.

A diamond drilling program in August-November of 2002 consisted of nine (9) drill holes totalling 5104.8 m targeting three (3) areas within the Agnew Lake Intrusion. Hole AL-22 was drilled along the south-east margin of the Agnew Lake Intrusion and AL-23 was located within the central portion of the Agnew Lake Intrusion. Drill holes AL-24 through AL-30 focused on the contact at northern margin of the Agnew Lake Intrusion (C-Zone). These drill holes confirmed the presence of anomalous PGE mineralization within the contact environment of the C-Zone. Hole AL-22 is thought to correspond to what was interpreted as the deepest portion of the intrusion and the approximate centre of the large regional gravity anomaly. Narrow, higher-grade sulphide mineralization (>1.0g/t 3E) was intersected in six of the nine drill holes. Much of the prospective mineralized rock unit within the contact environment of the C-Zone was lost because of the presence of cross-cutting mafic dykes. Crone Geophysics conducted a Borehole Pulse Time Domain Electromagnetic (PEM) for drill holes AL-22 and AL-23 but no discrete anomalous features were identified. Significant intercepts from this drilling program are presented in Table 6.

Table 6: Significant drill hole intercepts from the Pacific North West Capital Corp 2002 diamond drill program

Drill Hole	From (m)	To (m)	Interval (m)	Au (ppb)	Pt (ppb)	Pd (ppb)	3E (ppb)	3E (g/t)
AL-23	425	426	1	6	1550	10	1566	1.57
AL-23	733	734	1	62	263	778	1103	1.1
AL-23	1177	1178	1	58	260	859	1177	1.18
AL-24	147	149.55	2.25	15.98	451.67	1638.04	2105.69	2.11
AL-25	33	34	1	5	143	836	984	0.98
AL-27	49	50	1	676	10	11	697	0.7
AL-27	128	129	1	39	411	2110	2560	2.56
AL-27	164	165	1	22	169	902	1093	1.09
AL-28	46	50	4	12.25	164	273.25	449.5	0.45
AL-28	57.1	58	0.9	29	343	1270	1642	1.64
AL-29	215	216	1	11	124	539	674	0.67

2003 - Pacific North West Capital Corp. (as reported in AFRI 20000001268): In 2003, SPECTREM Air Limited conducted airborne electromagnetic and magnetic surveys over the Agnew Area totalling 1650 line kilometres (some of which was not in the property). Six conductive zones were identified but none fall on the current property.

2004 - Pacific North West Capital Corp. (as reported in AFRI 20000001268): Surface exploration was completed in several areas of the current Agnew Lake property. Details are presented below. Locations of these areas are outlined in (Figure 4).

Mong Lake Area - A total of 49 surface samples were collected in the Mong Lake area and the highest assay returned 1 g/t 3E.

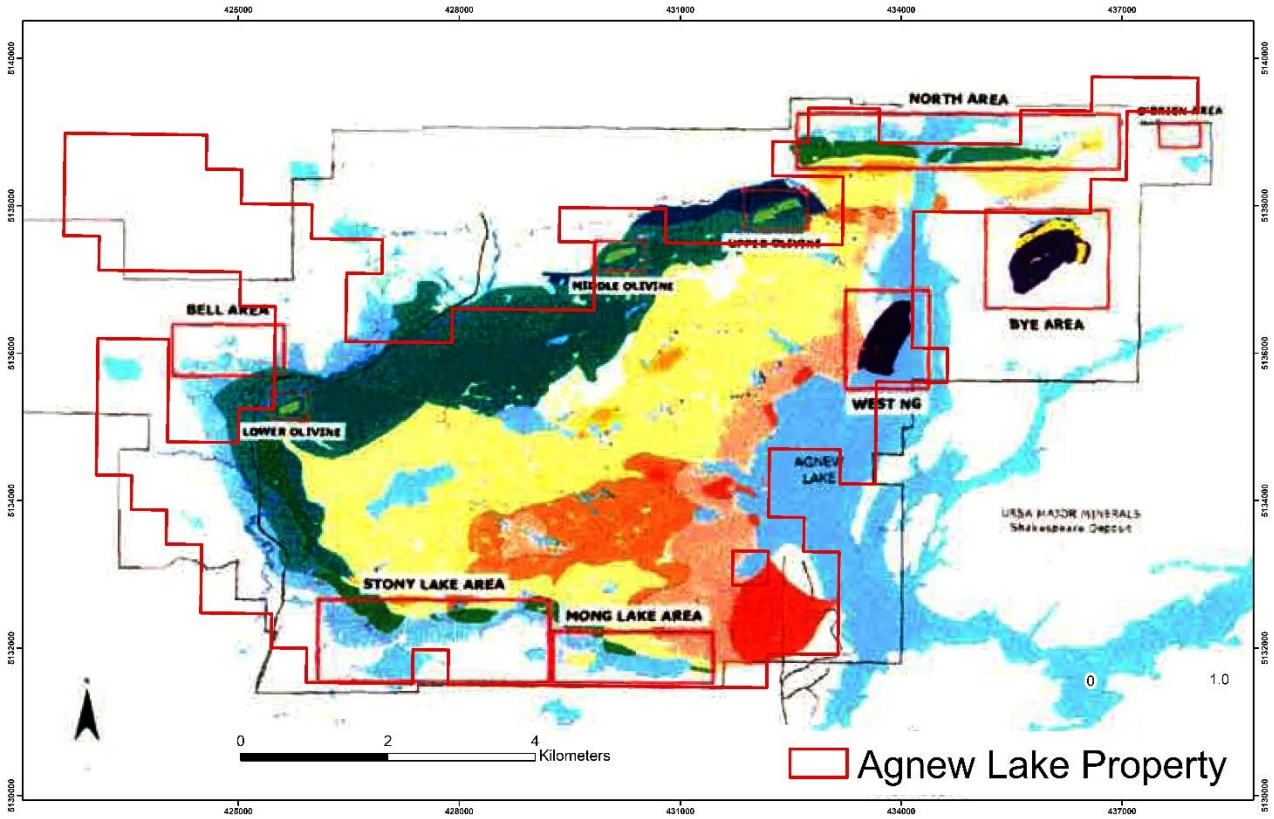
North Area - A total of 167 samples were collected in the North Area. All samples assayed below 1 g/t 3E.

Olivine Gabbronorite Zones - A total of 54 samples were collected from the Lower Olivine zone and 90 from the Middle Olivine zone.

Stony Lake Area - A total of 386 samples were collected. The highest assays for these samples include 3095 ppb 3E (sample 55-051) and 2067 ppb 3E (sample IK-072).

West Nipissing Gabbro - Geological mapping and sampling (58 samples) was conducted in the area. No mineralization was observed and only 2 samples assayed above 100 ppb.

Figure 4: Locations of Surface Exploration Conducted by Pacific North West Capital Corp in 2004



2005 - Pacific North West Capital Corp. (as reported in AFRI 20000001268): Seven (7) holes were drill in the Mong Lake and Bye (outside of current property) areas. One (1) hole was drilled in the Mong Lake area to test an IP anomaly in the vari-textured gabbro unit along the southern contact of the Agnew Lake Intrusion. The highest assay returned from this hole was 1.04 g/t 3E over 0.5 m.

ITEM 6: GEOLOGICAL SETTING AND MINERALIZATION

Adapted from Vogel et al., 1990

6.1 Regional Geology

The Agnew Intrusion and the other East Bull Lake suite layered intrusions lie at the base of the Palaeoproterozoic Huronian Supergroup in the Southern Province, and immediately overlie granitic rocks and orthogneisses of the Archaean Ramsey–Algoma granitoid suite (2710– 2665 Ma; Prevec, 1993) in the southern part of the Superior Province (Figure 5). Intrusive relationships with the granitic rocks are typically obscured by pseudotachylitic breccias associated with the Sudbury impact event (Chubb, et al., 1994) and by later mafic dyke–sill(?) emplacement along the intrusion footwall contact. The top of the intrusion is disconformable and locally unconformably overlain at its eastern margin by a thick Huronian Supergroup sedimentary sequence. At various other locations within the Southern Province, East Bull Lake suite layered intrusions are overlain by the thick (up to 2600 m), bimodal volcanic succession of the Elliot Lake Group (Figure 5; Card et al., 1977, Innes, 1978; Card & Jackson, 1995). The lower mafic volcanic component of the Elliot Lake Group has been intruded by the 2477 +/- 9 Ma (Krough *et al.,* 1996) Murray granite pluton near Sudbury (Bennett *et al.,* 1991), suggesting that these mafic volcanic rocks are probably of similar age to the 2491-2441 Ma East Bull Lake layered intrusion suite. It has been postulated that the present outcrop distribution of the Elliot Lake Group volcanic rocks is only remnant of a much more extensive continental flood basalt plain that covered a large portion of central Ontario prior to erosion and deposition of the continental rift related Huronian Supergroup sedimentary sequence (Vogel, *et al.,* 1998). The distribution of the stratigraphic units and igneous layering attitudes indicate that the Agnew Intrusion forms a synclinal structure that plunges shallowly at 25º to the ENE (Figure 6b). It has been argued that this structural geometry is a product of post-emplacement ductile deformation associated with the ~1850 Ma Penokean Orogeny, and is not a primary igneous feature (Vogel *et al.,* 1998). The regional structure and lithological distribution is best explained by a modified ‘dome-and-basin’ structural interference pattern. The predicted pre-deformational geometry of the Agnew intrusion is believed to have been a near horizontal sill that probably now extends underneath the Huronian Supergroup sediments to the east. This interpretation is supported by the location of a regional scale, positive Bouger gravity anomaly whose centre lies under Agnew Lake, immediately east of the intrusion (Figure 6b). Judging from the present exposures, the original horizontal dimensions of the Agnew Intrusion layered sill would have exceeded 20 km with a maximum vertical thickness of ~2100 m. Excellent stratigraphic correlations between the Agnew and neighbouring East Bull Lake Intrusions suggest that present exposures of the East Bull Lake suite may represent erosional remnants of one or more much larger mafic sill emplaced at the base of the coeval Elliot Lake Group continental flood basalt sequence (Vogel *et al.,* 1998)

Figure 5: Simplified regional geology of central Ontario. All ages are quoted in millions of years (Ma). Geochronology for Agnew, East Bull Lake, and Elliot Lake Group volcanic rocks are taken from Krogh et al. (1984); Falconbridge Twp. (Prevec, 1993) River Valley, Hearst–Matachewan dyke swarm (Heaman, 1995); Murray granite pluton (Krogh et al., 1996).

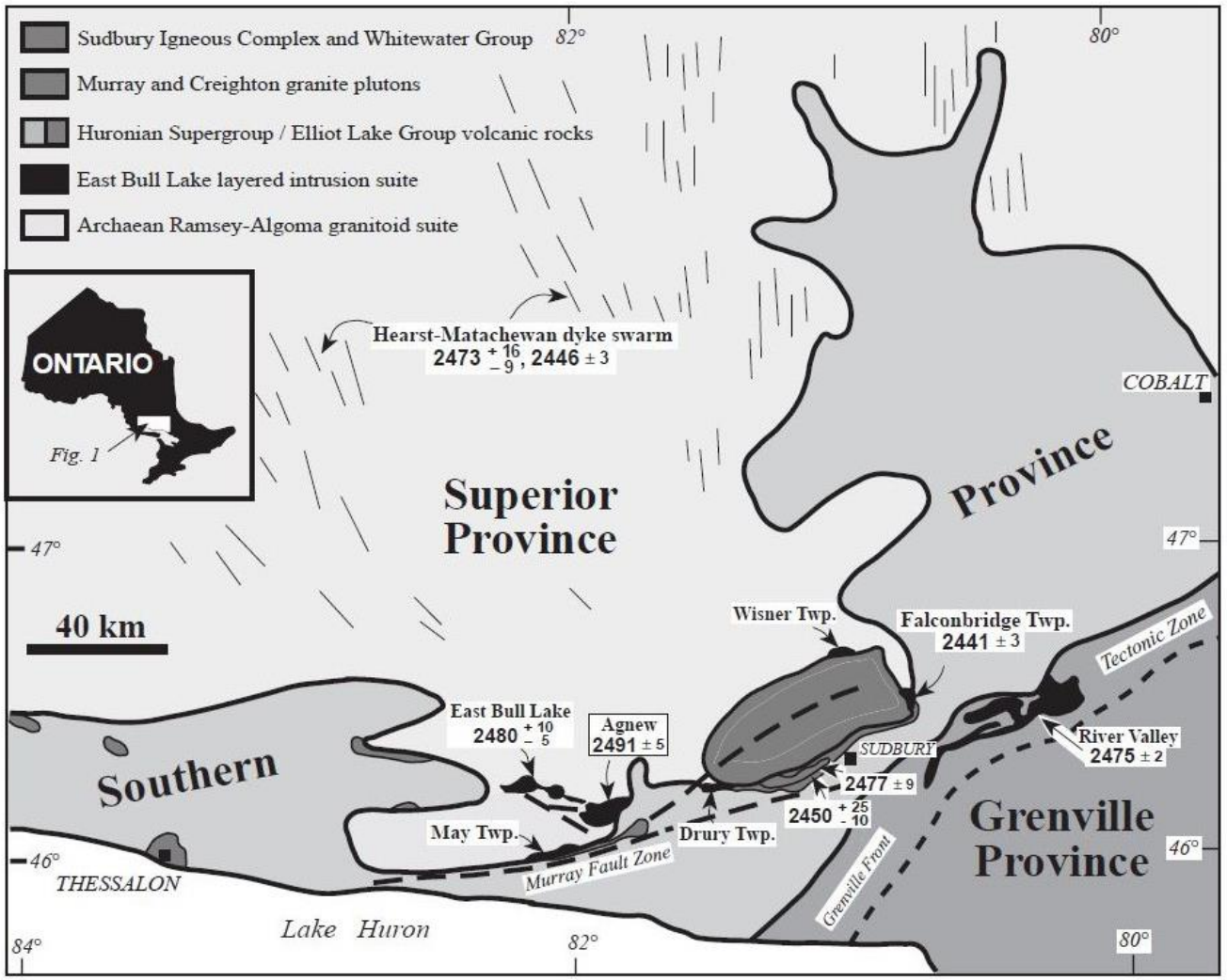
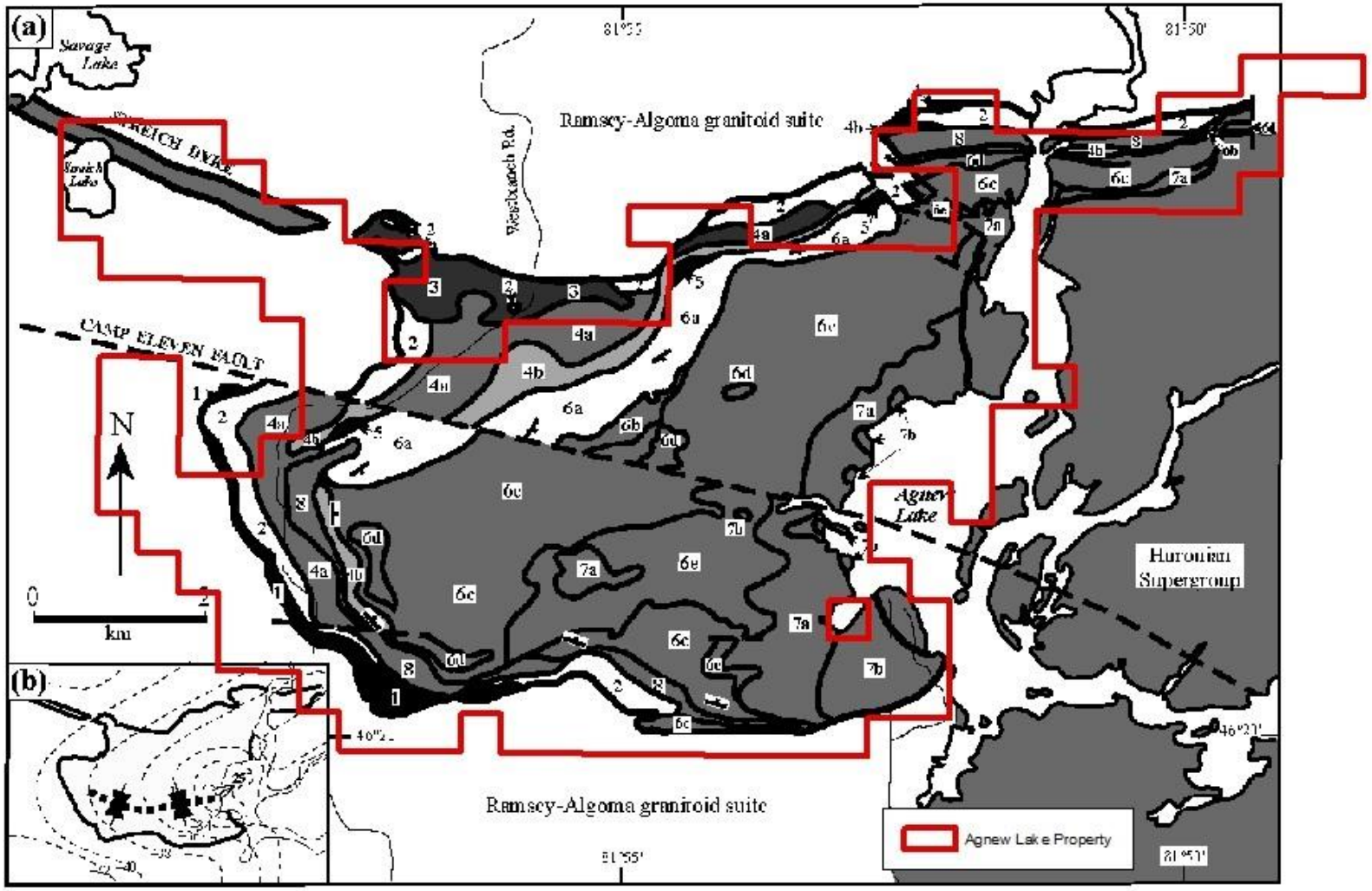


Figure 6: Property Geology Adapted from Vogel et al.,1999 (a) Detailed geological map of the Agnew Intrusion. The original map was done at a scale of 1:1000. Numerical stratigraphic abbreviations are given in Figure 7. (b) Location of the synclinal axis with plunge direction within the intrusion and the positive Bouger gravity anomaly. Indicated gravity values are measured in mGal.



6.2 Property Geology

The Agnew Intrusion is stratigraphically subdivided into three series – Marginal, Lower and Upper Series (Figure 7), each being separated by a break during which there was no magmatic injection into the chamber. The Marginal Series is ~200m thick and is predominantly composed of vari-textured leucogabbronorites (Marginal Leucogabbronorite Zone). The zone features a broad scale gradation from gabbronorites and lesser melanogabbronorites at the base (constituting ~20% of the zone) through the main leucogabbronorite sequence (~79% with minor anorthosite, to local granophyric bands near its top (<1%). Marginal Leucogabbronite Zone rocks contain many small inclusions of granite, massive quartz, and ultramafic rocks (generally <50 cm in diameter). The ultramafic inclusions are typically angular, suggesting that they have not travelled far from their source and may represent fragments of unexposed ultramafic rock congenetically related to the Agnew Intrusion. The granitic and massive quartz inclusions were probably derived from the immediate footwall to the intrusion and commonly have corroded and recrystallized margins, indicating that Marginal Series magmas have undergone localized *in situ* crustal assimilation.

The Marginal Leucogabbronorite Zone is locally separated from the Archean granite basement by the Marginal Gabbronorite Zone, which consists largely of massive, medium-grained gabbronorite in the southwestern part of the intrusion, and 10-20 m wide, contact-parallel diabase dykes-sills(?) in other locations (Figure 6a). These rocks appear to be the crystallized products of later magmas that have intruded along the base of the intrusion and are therefore younger that the overlying Marginal Leucogabbronorite Zone. Magmatic features in the granitic footwall that are probably related the emplacement of the Agnew Intrusion include back-intrusive felsic net-vein textures and rare felsic magmatic breccias (Vogel *et al.,* 1998).

The Lower Series has a maximum thickness of 550m and is dominated by gabbronorites. Lower Series magmas intruded and disrupted the Marginal Leucogabbronorite Zone in the northwest corner of the intrusion where the project position of the WNW-striking Streich Dyke would intersect this zone (Figure 6a). At this location, large outcrop size remnants of the Marginal Leucogabbronorite Zone are preserved within the Inclusion-bearing Gabbronorite Zone (Figure 6a), which is a compositionally and texturally heterogeneous unit containing ubiquitous footwall, ultramafic, and leucogabbronoritic inclusions. The heterogeneous nature and inclusion abundance in the zone decrease with increasing stratigraphic height, giving rise to the overlying homogeneous Lower Gabbronorite Zone, which extends laterally away from the intrusive site. Mesoscale, modal layering of gabbronorite and leucogabbronorite in the Agnew Intrusion is first developed in the Lower Layered Unit of this zone; layers are discontinuous laterally and often fade in and out in vertical section. The contact between the Lower Layered unit and the underlying homogeneous Massive Unit

is an irregular, non-planar surface. Upper series rocks constitute over half of the entire Agnew stratigraphic sequence and have a maximum thickness of ~1350 m. The Upper Series has been subdivided into three zones – Olivine Gabbronorite Zone, Upper Gabbronorite Zone, and an uppermost Fe-Ti Oxide Zone (Figure 7). The Olivine Gabbronorite Zone at the base of the Upper Series is a poorly exposed, well layered, 50 m thick interval separating the texturally similar Lower and Upper Layered Units (Figure 7). Layering in the Olivine Gabbronorite Zone is characterized by alternating isomodal ~20 cm thick layers of olivine gabbronorite, leucogabbronorite, and minor olivine melanogabbronorite. This zone has also been recognized at the equivalent stratigraphic level within the neighboring East Bull Lake Intrusion (Peck et al., 1993).

Within the Upper Gabbronorite Zone, the Upper Layered Unit is overlain locally by the Mixed Unit, which is a lithologically and texturally chaotic rock interval (locally with mafic dendritic textures; see below) containing irregularly distributed granitic, gabbronoritic, and diabase inclusions. The presence of these inclusions suggests that the Mixed Unit is the product of a separate magma pulse. The main part of the Upper Gabbronorite Zone consists of the Porphyritic Unit (Figure 7), which is characterized by a variable abundance of plagioclase phenocrysts and glomerophenocrysts. Gabbronorites are dominant over leucogabbronorites in an approximate volume ratio of 70:30. Most of the Porphyritic Unit features diffuse, macrorhythmic decametre-scale layering of gabbronorite and leucogabbronorite; centimetre-scale layering is prominent in its basal and upper parts. The Pod-bearing Unit occurs within the lower stratigraphic parts of the Porphyritic Unit (Figure 7) and is distinguished by the presence of rounded (<1 m in diameter) of porphyritic leucogabbronorite and granophyre set within a porphyritic gabbronorite host rock. The pods are of local derivation and are characterized by diffuse boundaries. They are believed to have formed as a result of late-stage slumping and magmatic deformation within the crystal pile. The Transition Unit at the contact between the Porphyritic Unit and the overlying Fe–Ti Oxide Zone rocks is characterized by large-scale intermingling and interdigitating gabbronorites and leucogabbronorites derived from both the overlying and underlying stratigraphic units (Vogel, 1996; Vogel et al., 1998). The unit is interpreted to be the product of late stage, large-scale slumping of the crystal pile.

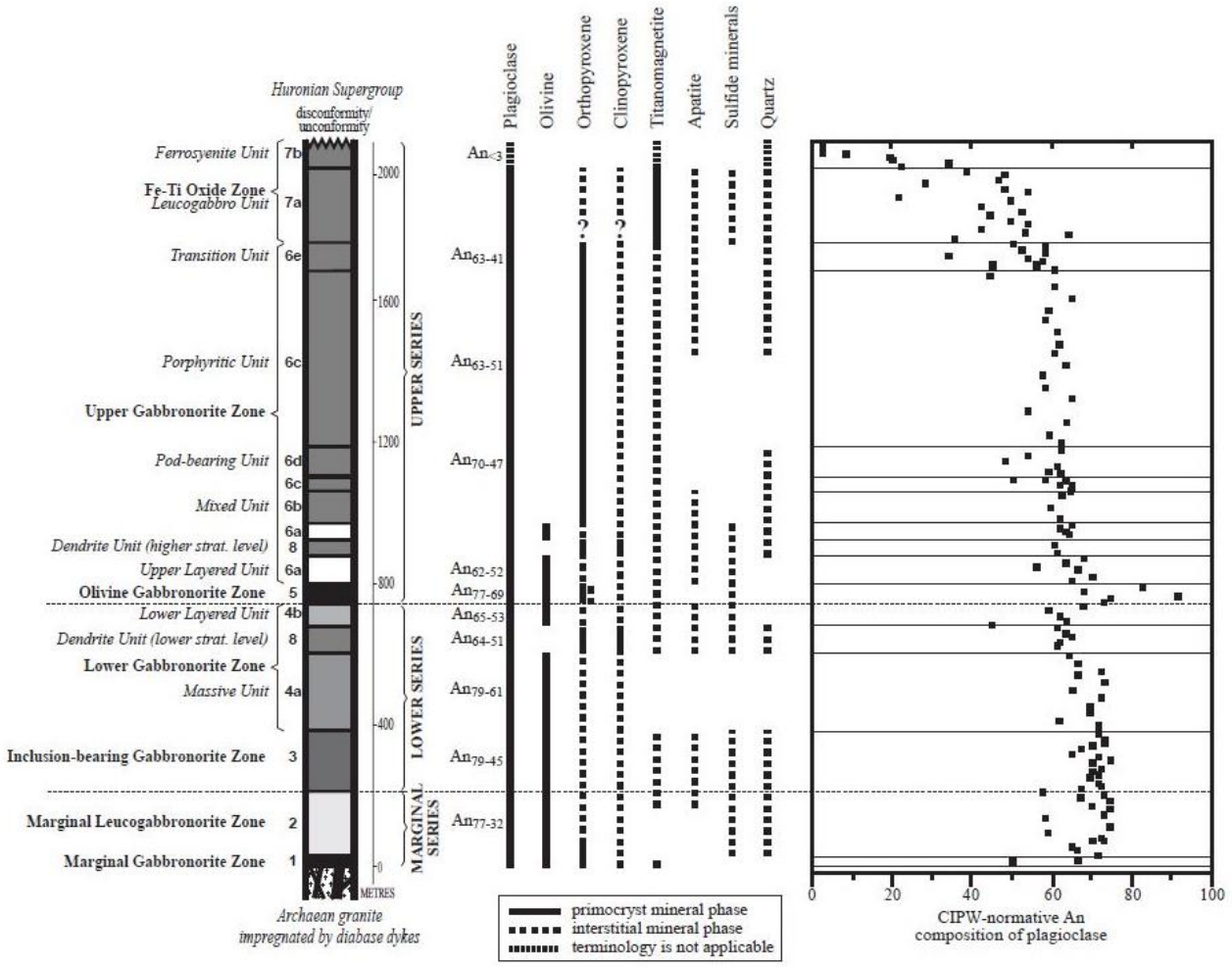
The uppermost rocks of the Agnew Intrusion belong to the Fe–Ti Oxide Zone (Figure 7). Field data suggest that parts of the Fe–Ti Oxide Zone and any pre-existing overlying strata were eroded before deposition of the overlying Matinenda Formation conglomerates of the Huronian Supergroup. The Leucogabbro Unit is composed of massive, coarse-grained leucogabbro, often containing large, altered titanomagnetite crystals ~2–3 cm in size. The overlying Ferrosyenite Unit features an upward lithological gradation from dark ferrosyenite to light alkali-feldspar granite. Contact relationships between the Leucogabbro and Ferrosyenite Units are not exposed. All rock types recognized in the Upper Gabbronorite and Fe–Ti Oxide Zone succession, except those from the

Ferrosyenite Unit, have been observed locally in gradational vertical sequence on an outcrop-scale within the Upper Series, suggesting that they are probably a comagmatic differentiation sequence.

Highly vari-textured and pegmatitic gabbronorites and leucogabbronorites of the Dendrite Unit occur as largely conformable bands of variable thickness (10–75 m) on conformable bands of variable thickness (10–75 m) on either side of the Lower Series–Upper Series boundary (Figure 7). They are interpreted as the products of late intrusive, volatile-bearing magma pulses (Peck et al., 1993; Vogel, 1996). The most striking feature within this unit is the common presence of large, curved and branching dendrites that are up to 30 cm long (Vogel et al., 1998). Each individual dendrite is a sheath-like aggregate of smaller amphibole crystals that have re-placed original pyroxene. Individual dendrite-bearing bands commonly contain ultramafic and granitic inclusions near their base, and lenses of granophyre along their upper contacts.

Upper greenschist to lower amphibolite facies metamorphism associated with the Penokean Orogeny has variably modified the igneous mineralogy of the Agnew Intrusion, but igneous textures are generally preserved. Plagioclase typically preserves igneous compositions (dominantly labradorite to bytownite), except in upper parts of the intrusion where it has often been recrystallized to fine-grained oligoclase. The primary mafic minerals, olivine and pyroxene, have been replaced pseudomorphically by calcic amphibole, and titanomagnetite has been altered to biotite, titanite and leucoxene, often preserving a relict herringbone pattern.

Figure 7: Stratigraphic column and inferred primary mineral distribution within the Agnew Intrusion. Stratigraphic thicknesses are approximate average values. The identification and textural distribution of primary mafic silicate phases in the intrusion are based on amphibole petrography and CIPW-normative data. The stratigraphic variation in calculated whole-rock CIPW-normative plagioclase compositions is shown. Ranges of primary anorthosite (An) compositional data for plagioclase (electron microprobe) are also indicated from various parts of the intrusion. The An compositional data for the Olivine Gabbronorite Zone are taken from the East Bull Lake Intrusion (Peck et al., 1995).



6.3 Mineralization

Mineralization of Platinum Group Elements (PGE) mineralization in the Agnew Lake Intrusion has been identified within the Marginal Gabbronorite Zone, the Marginal Leucogabbronorite Zone, and the overlying inclusion-bearing unit of the Lower Gabbronorite Zone (Mourre and Jobin-Bevans, 2001). Mineralization is observed typically within 400 m of the intrusive contact. Five (5) zones of mineralization have been established by BP Resources Canada Ltd that lie along the western and northern contacts of the intrusion: A-, B-, B2-, C-, and D-Zone (Figure 3). The Mong Lake Zone was added as a new target zone by New Millennium Metals and Nipissing Gabbro units are also of interest. These zones are outlined below by Mourre and Jobin-Bevans (2001), based on the work of BP Resources Corp.

A-Zone

This zone occurs within the Marginal Leucogabbronorite Zone near the western contact of the intrusion. Sulphides typically occur as fine-grained blebs of pyrrhotite, and chalcopyrite erratically distributed in the heterogeneous gabbronorite host making up <1-2%. BP Resources reported that outcrop was sparse in the area, but that the mineralized zone could be followed intermittently for 700 m along strike (NW-SE), and was about 25-35 m wide (Barry and Zemoroz, 2006). BP Resources also reported that the zone was open in both directions but did not subsequently test for possible extensions. The host rock consists of gabbronorite with extreme textural variation, ranging in composition from feldspathic to anorthositic lithologies and features pyroxenite 'inclusions' or 'segregations'. The best single assay result from this area was 5060 ppb Pd, 869 ppb Pt, 120 ppb Rh and 198 ppb Au. Four drill holes that intersected within the mineralized zone each returned anomalous intersections, including 1048 ppb combined Pt+Pd over 1.6 m.

B-Zone

The B-Zone is located in the northwest area of the intrusion, occurring within the inclusion-bearing unit of the Lower Gabbronorite Zone, and bounded to the northeast and southwest by granitic country rocks. This zone lies in the area that is interpreted to be the intersection of the Streich Dyke with the main body of the Agnew Lake Intrusion. The B-Zone is exposed in two locations that are separated by a 300 m long area with no outcrop. The estimated strike length is 700 m. Mineralization occurs as disseminated (<2%) pyrrhotite and chalcopyrite, which are erratically distributed within the transition area between the glomeroporphyritic gabbronorite to the northwest and pegmatoidal gabbronorite to the southeast. The pegmatoidal gabbronorite contains chaotically intermixed areas of pegmatoidal gabbroic rocks and anorthosite segregations. This unit is also crosscut by a granitic breccia zone near the northeastern contact with the country rock. The highest assay result from this zone was 5600 ppb Pd, 867 ppb

Pt, 129 ppb Rh, and 327 ppb Au. Sixteen (16) drill holes were drilled in this mineralized zone, and two more were collared to the south. All of the holes encountered anomalous but relatively low PGE mineralization. Four (4) holes intersected sulphide mineralization with >1 g/t Pt+Pd, and the best intersection assayed 2.7 g/t Pt+Pd over 0.95 m.

B2-Zone

The B2-Zone lies within the Marginal Leucogabbronorite Zone and is approximately 1 km south of the B-Zone. In this area, the Marginal Leucogabbronorite Zone occurs along the contact and is characterized by a similar vari-textured, inclusion-bearing gabbronoritic that is found in the A-Zone. Mineralization is erratically distributed, consisting of disseminated pyrrhotite and chalcopyrite. The continuity of the B-Zone and B2-Zone was not established by BP Resources. The highest assay from this zone returned 2440 ppb Pd, 750 ppb Pt, 55 ppb Rh, 318 ppb Au and 0.92% Cu. A single drill hole tested this zone and had several anomalous intersections including 2.5 g/t Pt+Pd over 1 m.

C-Zone

This zone occurs within the Marginal Leucogabbronorite Zone that is adjacent to the northern contact of the intrusion where it is in contact with granitic country rock. This zone was delineated at surface over a strike length of 200 m and appears to extend to the west and possibly to the east. The host rocks include vari-textured gabbronorite that contain pods of glomeroporphyritic gabbronorite and pegmatitic gabbro. Mineralization occurs as disseminated sulphides, dominantly chalcopyrite, which constitutes about 1-5%. The highest assay from grab sample returned 1564 ppb Pd, 1079 ppb Pt, 54 ppb Rh, 154 ppb Au and 0.34% Cu. One drill hole tested this area and intersected 1.4 g/t Pt+Pd over 1.0 m.

D-Zone

The D-Zone occurs within the Marginal Leucogabbronorite Zone and is about 50-100 m south of the contact with granitic country rock. The zone is 260 m in length and is open to the west; moderate exposure along strike to the east and does not appear to be mineralized. As in the A-Zone, mineralization occurs within a vari-textured gabbronorite with glomeroporphyritic and anorthositic patches. An additional lithological variant in the D-Zone is a quartz-rich (>20% quartz) pegmatitic gabbro that grades into quartz-poor gabbronorite. The D-Zone has the same spatial association between pyroxenitic segregations and/or inclusions and sulphide mineralization that is observed in the A-Zone. Sulphides are predominantly chalcopyrite, which occurs as 1-3% finely disseminated interstitial grains. The highest assay returned 6440 ppb Pd, 2027 ppb Pt, 686 ppb Rh, 229 ppb Au and 0.87% Cu. Nine (9) drill holes tested the D-Zone of which seven (7) intersected anomalous PGE mineralization of 200-900 ppb (the remaining two (2)

holes were too shallow to reach the expected mineralization). Of the 7 holes that intersected the D-Zone, 4 intersected grades >1 g/t Pt+Pd. The highest core sample assay from BP Resource Corp's drilling program was from D-Zone at 5.9 g/t Pt+Pd over 1 m.

Mong Lake Zone

The Mong Lake Zone is located along the southern contact of the intrusion, near Mong Lake, and consists of medium- to course-grained (pegmatitic) gabbro of the Marginal Series. Outcrop exposure is generally poor in this area. The Mong Lake Zone also contains pyroxenitic segregations and/or inclusions with up to 2% sulphide mineralization. In general, sulphides are predominantly chalcopyrite, occurring as finely disseminated interstitial grains and blebs. From this zone, the highest assay collected by New Millennium Metals Corporation was from sample 57853 which assayed 568 ppb Pd, 1338 ppb Pt, 82 ppb Au and 0.15% Cu.

Nipissing Gabbro intrusions

Two main Nipissing Gabbro targets occur in the northeast portion of the property. These showings consist of disseminated chalcopyrite and pyrrhotite hosted by Nipissing Gabbro intrusions. These showings have been previously investigated by BP Resources and other companies, including several drill holes by New Millennium Metals (Mourre and Jobin-Bevans 2001).

Item 7: Exploration

2019

From August 6th to 16th, 2019 a prospecting program was carried out by Desmond Cullan and Nicolas Matysek. In total eight (8) days were spent on the property and 22 samples were collected (Figure 8).

Highlights from the 2019 prospecting program include sample 365659 from the "A Zone" which returned 1.204 g/t 3E (337 ppb Pt+479 ppb Pd+348 ppb Au) and sample 365671 from the "B-Zone" which returned 612 ppb Pt. Please see Appendix I for all results and sample descriptions.

Table 7: Highlighted results from the 2019 program

Sample ID	Easting	Northing	Description	Pt ppb	Pd ppb	Au ppb	Cu %	Ni %	3E g/t
365663	424819	5134239	Blue-grey fgr gabbro, weathering on internal fractures, ~3% pyrite, often in agglomerations	377	479	348	0.79	0.27	1.204
365671	426745	5137306	Green-grey fgr diabase, numerous grains of pyrite (+ pyrrhotite?)	612	11	21	0.03	0.09	0.644
365652	424943	5134162	Green-grey mgr gabbro with cgr zones of massive biotite, few grains of silvery to weathered brassy yellow sulphides	25	212	401	0.04	0.04	0.638

2020

From June 5th to June 26th Frank Racicot and Terry Burns carried out a prospecting program on the Agnew Lake Property. In total 21 days were spent on the property and 86 grab samples were collected (Figure 9).

Highlights from the 2020 prospecting program include sample 440157 from the "A-Zone" which returned 1.08 g/t 3E and sample 440166 which is adjacent to the "B-Zone" returned the highest assay of the program 1.22 g/t 3E. Please see Appendix I for complete sample descriptions.

Table 8: Highlighted results from the 2020 program

Sample	Easting	Northing	Area	Description	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	3E g/t
440166	426742	5137195	Pole line	Sub < boulder from pole line; medium grained, greenish/black/grey gabbro with 1/4-1/2% sulphides (po 80-cp20)	62	973	188	1980	675	1.22
440157	424816	5134238	A Zone	Medium grained, dark greenish grey; mode rust; tr cp; same spot as Des' sample 365663: FR-5 in field	110	738	236	1290	844	1.08
440161	424949	5134155	A Zone	Medium grained gabbro with minor biotite	9	608	161	109	329	0.78
440155	424820	5134234	A Zone	Similar to above: says FR-3 in field	6	410	136	72	279	0.55
440154	424816	5134234	A Zone	Medium grained, dark with possible few specs of sulphides; some rust on cliff face; FR-2 in field	36	281	225	393	417	0.54

Figure 8: Grab sample locations 2019

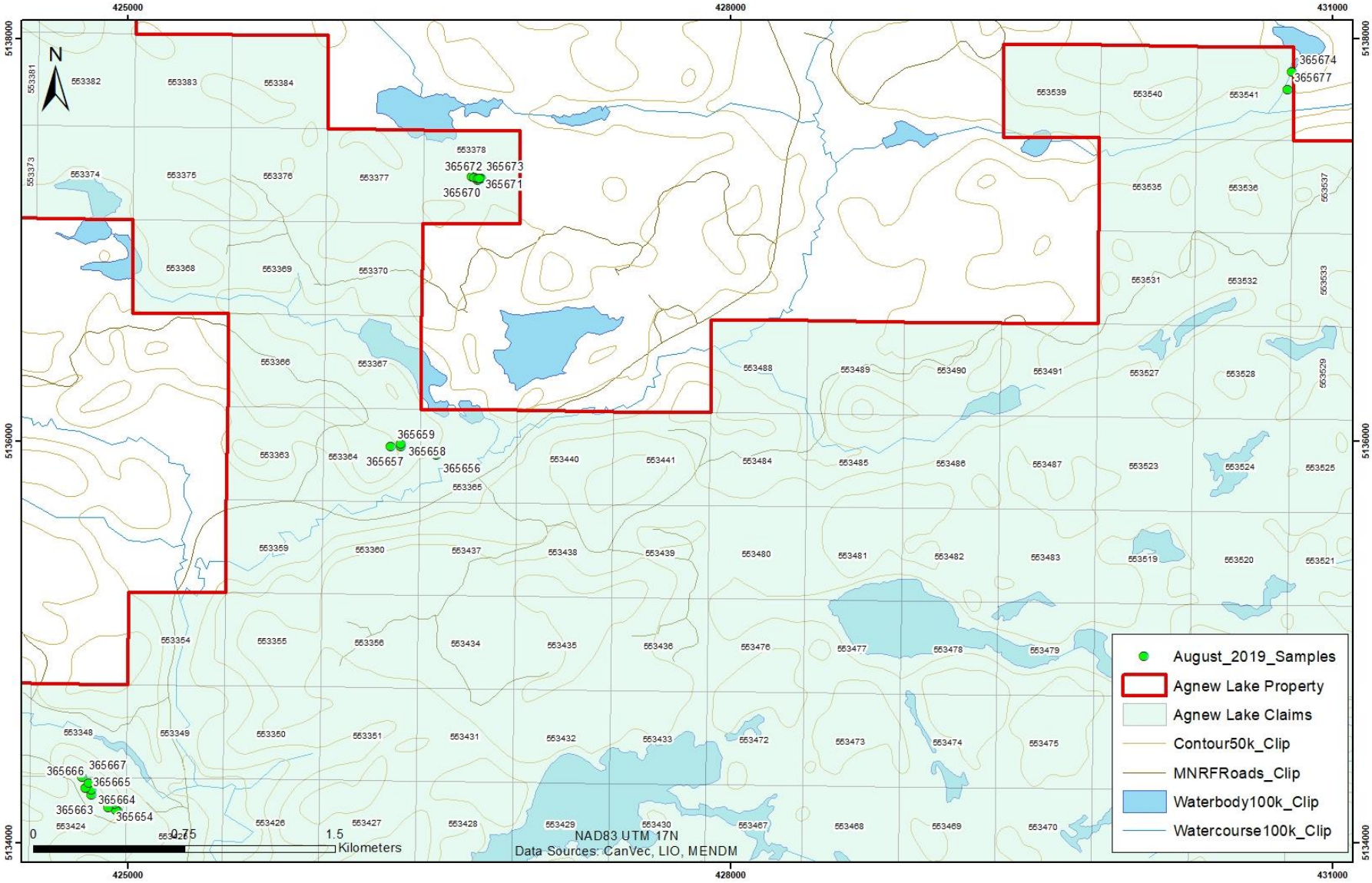
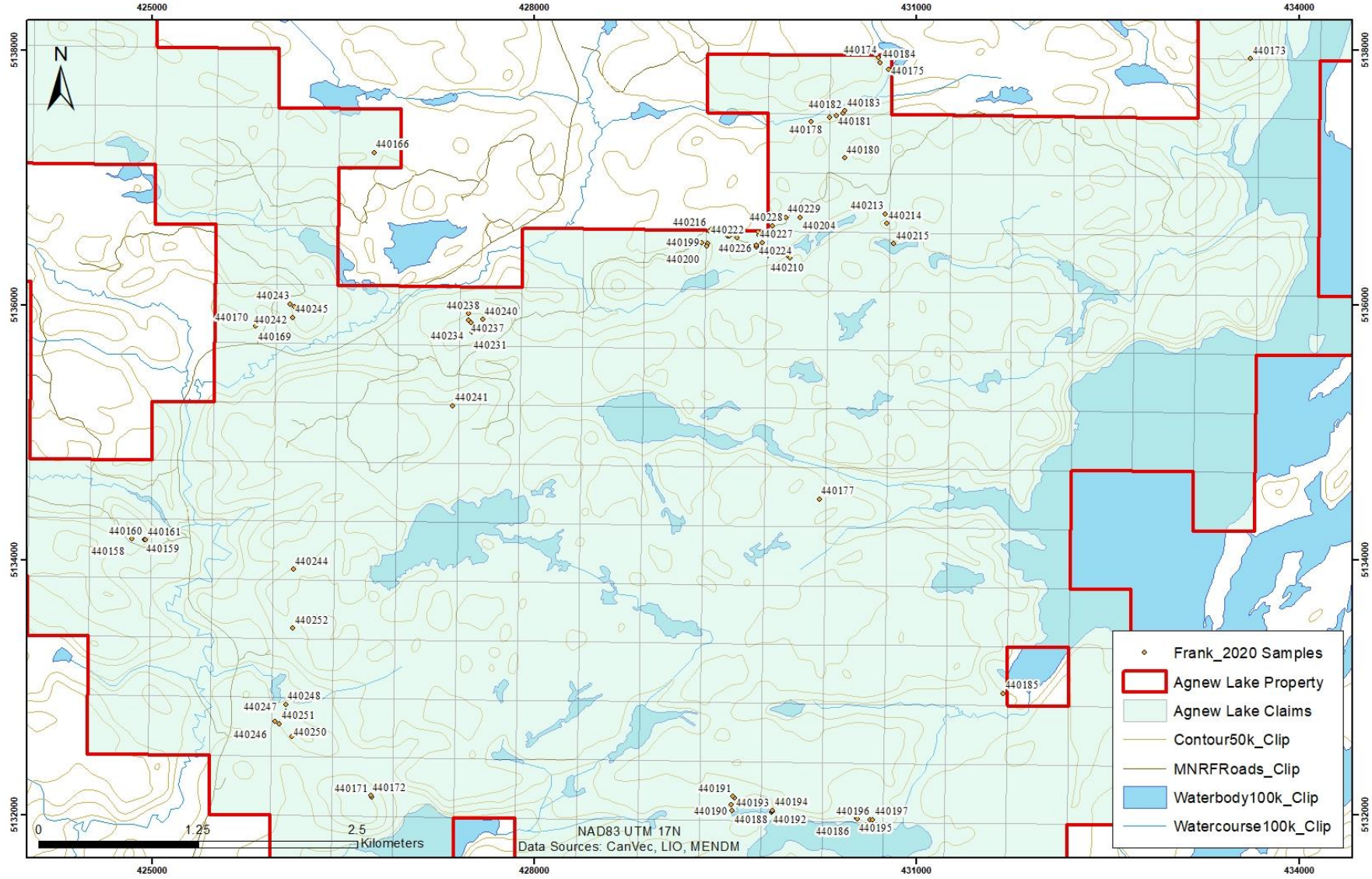


Figure 9: Grab sample locations 2020



Item 8: Sample Preparation, Analysis and Security

During the prospecting work completed by Frank Racicot and Terry Burns from June 5th to June 26th, 2020 , rock samples were collected and placed in plastic bags which had a duplicate tag inserted and sealed with tape. Analysis was completed by ActLabs Laboratories in Ancaster, Ontario. Frank Racicot shipped the samples to the Actlabs laboratory in Ancaster, ON where the samples were crushed and prepped for assay. A pulverized sub-sample is then analyzed for PGE by 30g Fire Assay with an ICPOES finish in addition to a multielement analysis by Total Digestion with an ICPOES finish.

ActLabs' website states that it employs top quality assurance professionals who strive to improve the overall quality of service that it provides. This Quality Assurance Department monitors the operations of the company and ensures compliance with internationally recognized standards, policies and procedures.

ActLabs Laboratories is accredited for specific tests as listed in the laboratory's current scope of accreditation by the following organizations:
The Standards Council of Canada (SCC)
The Canadian Association for Laboratory Accreditation (CALA) and
SAI Global
ActLabs Laboratories is accredited, for specific tests, to the following standard:
ISO/IEC 17025:2005.
ActLabs Laboratories is certified to the following standard:
ISO 9001:2015

Item 9: Interpretation and Conclusions

Sample programs on the Agnew Lake Property have been successful in confirming mineralization hosting in fine grained to medium grained gabbroic unit containing trace sulphides associated with the A-Zone and B-Zone occurrences.

Highlights from the 2019 prospecting program include sample 365659 from the “A Zone” which returned 1.204 g/t 3E (337 ppb Pt+479 ppb Pd+348 ppb Au) and sample 365671 from the “B-Zone” which returned 612 ppb Pt.

Highlights from the 2020 prospecting program include sample 440157 from the “A-Zone” which returned 1.08 g/t 3E and sample 440166 which is adjacent to the “B-Zone” returned the highest assay of the program 1.22 g/t 3E

Item 10: Recommendations

It is recommended that the company carry out a compilation of the historic drill holes on the property and integrate them into a 3D model to aid in further targeting for the several zones of mineralization identified on the property. In conjunction with the data compilation a property wide helicopter-borne VTEM survey should be carried out and an inversion completed on the data collected to identify prospective areas of mineralization. In addition, further follow should be carried out on historic areas of mineralization that were not investigated during the 2019 and 2020 field programs.

Item 11: References

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ITEM 12: CERTIFICATE OF QUALIFICATIONS

Brent Clark
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Thunder Bay, Ontario
Canada, P7B 5Z4
Telephone: 807-622-3284, Fax: 807-622-4156
Email: brent@clarkexploration.com

CERTIFICATE OF QUALIFIED PERSON

I, Brent Clark, P. Geo. (#3188), do hereby certify that:

1. I am a consulting geologist with an office at 941 Cobalt Crescent, Thunder Bay, Ontario.

2. I graduated with the degree of Honours Bachelor of Earth Science (Geology) from Carleton University, Ottawa, Ontario in 2014. I have worked on gold projects in Northwestern Ontario, and Australia.

3. “Assessment Report” refers to the report titled ““Assessment Report on the Agnew Lake Property, Sudbury Mining Division, Northwestern Ontario”, dated July 5, 2021.

4. I am a registered Professional Geoscientist with the Association of Professional Geoscientists of Ontario (#3188).

5. I have worked as a Geologist since my graduation from university.

6. I am the author of this report and responsible for section 1, 7-10 of the Assessment Report.

7. As of the date of this certificate, and to the best of my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated this 5th day of July 2021.

“Brent Clark”

_____
Brent Clark, P.Geo

Jolee Stewart
941 Cobalt Crescent
Thunder Bay, Ontario
Canada, P7B 5Z4
Telephone: 807-622-3284, Fax: 807-622-4156
Email: jolee@clarkexploration.com

CERTIFICATE OF QUALIFIED PERSON

I, Jolee Stewart G.I.T. (10879) hereby certify that:

1. I am a consulting geologist-in-training with an office at 941 Cobalt Crescent, Thunder Bay, Ontario.

2. I graduated with the degree of Honours Specialization in Geology - For Professional Registration from Western University, London, Ontario in 2019. I have worked on gold projects in Northwestern Ontario.

3. "Assessment Report" refers to the report titled "Assessment Report on the Agnew Lake Property Sudbury Mining Division Northern Ontario" dated July 5, 2021.

4. I am a registered as a Geologist-In-Training (G.I.T) with the Association of Professional Geoscientists of Ontario (10879).

5. I am the author of this report and responsible for sections 2-6, and 11 of the Assessment Report.

6. As of the date of this certificate, and to the best of my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the Assessment Report not misleading.

Dated this 5th day of July, 2021.

"Jolee Stewart"

_____
Jolee Stewart, G.I.T

APPENDIX I

Sample Descriptions

Assay Certificates

Claim List - Agnew Lake

TENURE NUMBER	STATUS	ANNIVERSARY	HOLDER	TOWNSHIP	WORK REQUIRED
553342	Active	2021-07-10	(100) BRENT CLARK	SHIBANANING	$400
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553592	Active	2021-07-10	(100) BRENT CLARK	DUNLOP	$400
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553609	Active	2021-07-10	(100) BRENT CLARK	DUNLOP	$400
553610	Active	2021-07-10	(100) BRENT CLARK	DUNLOP	$400

2020 Sample Location & Description

Sample	Date	Easting	Northing	Area	Descriptio	Au ppb	Pd ppb	Pt ppb	Cu ppm	Ni ppm	3E g/t
440151	June 6 2020	424821	5134247	A Zone	Medium grained, medium to dark grey anorthosite; saysTB 1 in field	< 2	13	16	20	129	0.03
440152	June 6 2020	424826	5134249	A Zone	Fine to medium grained, dark rey gabbro; says TB 1 in field	< 2	39	< 5	38	264	0.04
440153	June 6 2020	424814	5134238	A Zone	Medium to coarse grained, medium greenish grey with medium grey anorthosite patches; FR-1 in field	< 2	6	< 5	14	145	0.01
440154	June 6 2020	424816	5134234	A Zone	Medium grained, dark with possible few specsof sulphides; some rust on cliff face; FR-2 in field	36	281	225	393	417	0.54
440155	June 6 2020	424820	5134234	A Zone	Similar to above: says FR-3 in field	6	410	136	72	279	0.55
440156	June 6 2020	424818	5134238	A Zone	Medium grained, dark greenish grey; 2 m east of Des' sample 365663: FR-4 in field	7	15	8	77	337	0.03
440157	June 6 2020	424816	5134238	A Zone	Medium grained, dark greenish grey; mode rust; tr cp; same spot as Des' sample 365663: FR-5 in field	110	738	236	1290	844	1.08
440158	June 6 2020	424842	5134168	A Zone	Medium grained, medium grey anorthosite	25	17	22	299	191	0.06
440159	June 6 2020	424941	5134160	A Zone	Medium grained gabbro with minor biotite	2	44	38	68	408	0.08
440160	June 6 2020	424947	5134158	A Zone	Similar to above with a spec cp	29	48	35	536	243	0.11
440161	June 6 2020	424949	5134155	A Zone	Medium grained gabbro with minor biotite	9	608	161	109	329	0.78
440166	June 7 2020	426742	5137195	Pole line	Sub < boulder from pole line; medium grained, greenish/black/grey gabbro with 1/4-1/2% sulphides (po 80-cp20)	62	973	188	1980	675	1.22
440169	June 8 2020	425814	5135838	NW- off claim?	Fine grained, light pink and greenish grey felsite on cliff face; a few specs of sulphides; (poss cp?)	< 2	< 5	< 5	47	10	0.00
440170	June 08 2020	425815	5135838	NW- off claim?	Similar to above	< 2	< 5	< 5	63	18	0.00
440171	June 09 2020	426727	5132140	Stony Lake	Fine to medium grained, dark greenish mafic rock with minor cp(?) and py in fractures and as dissem	9	5	7	668	38	0.02

440172	June 09 2020	426716	5132149	Stony Lake	FG To MG, dark greenish grey melanogabbro to leucogabbro with 1 spec of cp and rusty fractures.	13	8	8	255	58	0.03
440173	June 11 2020	433622	5137932	East Pole Line	Medium grained to coarse grained, light and medium grey anorthosite with some coarse grained, dark hornblende crystals	< 2	9	11	86	21	0.02
440174	June 11 2020	430700	5137940	S of PL	Medium grained, medium grey anorthosite with dark green "clotty zones" and 1 spec cp	< 2	16	8	22	363	0.02
440175	June 11 2020	430779	5137850	S of PL	Mediun grained, medium grey anorthosite (by lake)	< 2	< 5	8	11	126	0.01
440176	June 12 2020	430171	5137438	S of PL	Medium to fine grained, medium grey melano -gabbro	< 2	9	13	21	187	0.02
440177	June 12 2020	430236	5134474	S of PL	Medium to coarse grained, medium greenish grey melano gabbro	< 2	9	6	64	164	0.02
440178	June 12 2020	430320	5137475	S of PL	Similar to above,	< 2	< 5	6	43	145	0.01
440179	June 12 2020	430435	5137463	S of PL	Fine to medium grained, dark greenish gabbro	< 2	5	8	40	326	0.01
440180	June 12 2020	430435	5137153	S of PL	Fine to medium, very greenish gabbro (no flag)	< 2	6	7	64	391	0.01
440181	June 12 2020	430369	5137487	S of PL	Medium grained to coarse grained gabbro with nice pyrite crystals	18	8	8	23	140	0.03
440182	June 12 2020	430425	5137506	S of PL	Medium to fine grained anorthosite with some greenish olivine (?)	< 2	< 5	< 5	31	97	0.00
440183	June 12 2020	430436	5137524	S of PL	Medium grained, dark greenish grey pyroxenite	< 2	6	6	66	239	0.01
440184	June 12 2020	430713	5137903	S of PL	Coarse to medium grained, light grey and some greenish sections with large pyroxene crystals	< 2	< 5	< 5	14	60	0.00
440185	June 14 2020	431681	5132951	Mong L.	Medium to fine grained, dark melano-gabbro to pyroxenite	< 2	19	36	36	69	0.06
440186	June 14 2020	430531	5131973	Mong L.	2 specs cp in medium grained to fine grained greenish grey gabbro	11	37	35	293	63	0.08

440187	June 14 2020	430111	5131971	Mong L.	Rusty, reddish, hematitic, magnetic sub < boulder on north shore of Mong Lake in a medium to fine grained mafic rock	4	< 5	< 5	152	8	0.00
440188	June 15 2020	429554	5132034	Mong L.	Medium grained, medium grey anorthosite/gabbro	< 2	50	8	4	289	0.06
440189	June 15 2020	429544	5132079	Mong L.	Fine to medium grained, dark green, dark anorthosite	3	297	88	50	274	0.39
440190	June 15 2020	429574	5132132	Mong L.	Medium grained, medium green anorthosite	< 2	< 5	6	15	384	0.01
440191	June 15 2020	429561	5132141	Mong L.	Medium grained, light medium grey anorthosite	< 2	< 5	< 5	24	520	0.00
440192	June 15 2020	429859	5132020	Mong L.	Coarse to medium grained, medium grey anorthosite	< 2	< 5	7	7	145	0.01
440193	June 15 2020	429869	5132025	Mong L.	Coarse grained, medium grey anorthosite	< 2	< 5	< 5	31	105	0.00
440194	June 15 2020	429869	5132033	Mong L.	Coarse grained, medium grey and medium green anorthosite AND melano gabbro	< 2	< 5	5	22	105	0.01
440195	June 15 2020	430534	5131965	Mong L.	Medium grained gabbro with 5% small pink feldspar xstals	8	12	12	153	62	0.03
440196	June 15 2020	430637	5131961	Mong L.	Fine to medium grained, dark pyroxenite	12	237	57	113	112	0.31
440197	June 15 2020	430657	5131961	Mong L.	Fine to medium grained grey gabbro	4	198	211	47	66	0.41
440198	June 18 2020	429315	5136492	Bear Ridge	Medium to coarse grained anorthosite with some pink feldspars	< 2	9	19	26	76	0.03
440199	June 18 2020	429357	5136484	Bear Ridge	Medium grained, dark green amphibolite/ melanogabbro	< 2	6	7	14	342	0.01
440200	June 18 2020	429352	5136462	Bear Ridge	Medium grained, medium grey anorthosite/gabbro with trace cp and some rust	< 2	30	15	102	71	0.05
440201	June 18 2020	430182	5136782	Bear Ridge	Medium grained to fine grained gabbro: note UTM's estimated	< 2	6	8	11	293	0.01
440202	June 18 2020	430173	5136764	Bear Ridge	Medium grained, medium grey, slightly schistose "typical gabbro"; note UTM's estimated	4	7	10	182	86	0.02

440203	June 18 2020	430132	5136752	Bear Ridge	Fine to medium grained mafic schistose gabbro (boulder)	3	11	9	100	116	0.02
440204	June 18 2020	430087	5136689	Bear Ridge	Medium grained, dark grey gabbro	< 2	19	7	64	66	0.03
440207	June 19 2020	430005	5136372	S Terrys Road	Medium grained, dark green 'amphibolite'/gabbro with well developed and aligned mafic minerals	< 2	7	8	39	459	0.02
440208	June 19 2020	429989	5136388	S Terrys Road	Medium to fine grained, dark green melagabbro	< 2	< 5	< 5	72	406	0.00
440209	June 19 2020	429875	5136396	S Terrys Road	As above	< 2	< 5	< 5	25	279	0.00
440210	June 19 2020	429836	5136390	S Terrys Road	Fine to medium ggrained, grey gabbro	< 2	< 5	< 5	117	35	0.00
440211	June 19 2020	429786	5136489	S Terrys Road	Medium grained, dark green gabbro	< 2	13	21	32	369	0.03
440212	June 19 2020	430710	5136752	S Terrys Road	Medium grained, medium grey veritextured gabbro; (utm's estimated-below breccia where TB was)	< 2	12	15	70	83	0.03
440213	June 20 2020	430754	5136713	S Terrys Road	Medium grained, dark grey gabbro	< 2	15	15	88	71	0.03
440214	June 20 2020	430764	5136639	S Terrys Road	Fine grained, 1-2 meter matrix from medium grained anorthosite breccia	< 2	11	14	38	51	0.03
440215	June 20 2020	430820	5136480	S Terrys Road	Medium grained, medium grey anorthosite on north side of swamp	< 2	17	21	71	69	0.04
440216	June 20 2020	429370	5136581	On Terrys Rd	Medium grained, light grey 'bright looking' anorthosite	< 2	12	15	128	57	0.03
440219	June 20 2020	429518	5136543	On Terrys Rd	Medium grained, light grey 'bright looking' anorthosite; east of road	< 2	< 5	< 5	32	116	0.00
440220	June 20 2020	429532	5136545	On Terrys Rd	Fine grained, mafic 6 m. wide mafic unit on road with some gabbro patches	< 2	< 5	< 5	110	34	0.00
440222	June 20 2020	429592	5136527	On Terrys Rd	Medium grained, medium green gabbro; possible 10 X 15 m boulder?	< 2	< 5	5	12	326	0.01
440223	June 20 2020	429746	5136459	On Terrys Rd	Medium grained, medium grey anorthosite; possible 8X15m boulder	< 2	11	13	9	232	0.02
440224	June 20 2020	429742	5136472	On Terrys Rd	As above but many crystals; west of road	< 2	< 5	< 5	22	265	0.00
440225	June 20 2020	429770	5136541	On Terrys Rd	Fine to medium grained, dark green gabbro	< 2	8	13	38	529	0.02

440226	June 20 2020	429762	5136549	On Terrys Rd	Fine to medium grained, dark green gabbro	< 2	7	7	31	509	0.01
440227	June 20 2020	429754	5136577	On Terrys Rd	Fine to medium grained, dark green gabbro	< 2	< 5	5	31	505	0.01
440228	June 20 2020	429870	5136622	On Terrys Rd	Medium to fine grained anorthosite	< 2	7	11	14	221	0.02
440229	June 20 2020	429972	5136688	On Terrys Rd	Medium to fine grained anorthosite	< 2	9	10	41	122	0.02
440231	June 22 2020	427508	5135787	NW Camp 1	Medium grained, dark grey gabbro on fresh surface; minor rust in fractures	< 2	< 5	< 5	17	310	0.00
440232	June 22 2020	427530	5135799	NW Camp 1	Medium grained, dark green gabbro	< 2	< 5	< 5	22	234	0.00
440234	June 22 2020	427505	5135862	NW Camp 1	Medium grained, medium dark green gabbro	< 2	12	16	38	424	0.03
440237	June 22 2020	427487	5135879	NW Camp 1	Medium grained, medium grey gabbro	< 2	5	< 5	32	338	0.01
440238	June 22 2020	427485	5135932	NW Camp 1	Medium grained, medium grey gabbro on ridge of big boulders	< 2	< 5	< 5	82	44	0.00
440240	June 22 2020	427594	5135887	NW Camp 1	Medium grained. Medium green gabbro	< 2	10	14	27	397	0.02
440241	June 22 2020	427362	5135209	Eastern Mag Hi	Medium grained, dark grey anorthosite with bladed Xstals: only outcrop in area; Called 440244 in field	< 2	6	6	29	156	0.01
440242	June 24 2020	426117	5135988	# 7 on FR map	Fine grained, pink felsic material with trace specs of py	< 2	< 5	< 5	58	26	0.00
440243	June 24 2020	426088	5136009	# 7 on FR map	Fine grained gabbro from 10 x 15 m ""pod"" in ""granite breccia""	< 2	6	< 5	39	133	0.01
440244	June 24 2020	426108	5133925	# 7 on FR map	1-2% py and trace cp in fine grained mafic portion of feldspathic gabbro: < locl rubble	< 2	< 5	< 5	66	62	0.00
440245	June 24 2020	426105	5135903	# 7 on FR map	Fine to medium grained, grey altered gabbro/granite with trace sulphides	< 2	< 5	< 5	16	42	0.00
440246	June 25 2020	425964	5132729	#11 on FR map	Fine to slightly medium grained, grey and pink 'gabbro'	< 2	< 5	< 5	7	17	0.00
440247	June 25 2020	426034	5132783	#11 on FR map	Medium grained, light and dark grey gabbro on north side or ridge	< 2	< 5	< 5	5	203	0.00

440248	June 25 2020	426050	5132864	#11 on FR map	Medium grained, dark green melanogabbro	< 2	< 5	10	7	305	0.01
440249	June 25 2020	426052	5132808	#11 on FR map	Medium grained, medium grey gabbro-norite	< 2	< 5	6	19	274	0.01
440250	June 25 2020	426095	5132615	#11 on FR map	Medium grained, medium green gabbro	< 2	21	23	57	121	0.04
440251	June 25 2020	426002	5132715	#11 on FR map	Fine to medium grained, dark grey gabbro	< 2	< 5	< 5	57	36	0.00
440252	June 25 2020	426105	5133462	NE site 11	Medium grained to coarse grained, black and white varitextured gabbro	< 2	17	17	92	88	0.03

2019 Sample Descriptions

Sample ID	Easting	Northing	Description	Pt ppb	Pd ppb	Au ppb	Cu %	Ni %	3E g/t
365651	424952	5134160	Grey-green mgr gabbro with few milky white zones, fgr brassy-yellow sulphide grains with weathered edges	5	22	30	<0.01	0.03	0.057
365652	424943	5134162	Green-grey mgr gabbro with cgr zones of massive biotite, few grains of silvery to weathered brassy yellow sulphides	25	212	401	0.04	0.04	0.638
365653	424932	5134192	Green-grey m-cgr gabbro, few vcgr zones of biotite, rusty weathering on edges, numerous finely disseminated grains of pyrite + brassy chalcopyrite	0	0	34	<0.01	0.02	0.034
365654	424906	5134176	Grey-dark green f-mgr gabbro with black/dark brown weathered biotite. Potentially pyrite grains in biotite or could be weathering product	9	85	107	<0.01	0.03	0.201
365655	426538	5135941	Grey-green mgr gabbro, weathered edges, 1-2 grains of brassy yellow sulphides in weathered crystals	1	44	93	<0.01	0.03	0.138
365656	426536	5135931	Dark grey-dark green mgr gabbro, few microcrystalline zones, potential for vfgr sulphides	0	28	23	<0.01	0.01	0.051
365657	426360	5135973	Dark grey to grey cgr gabbro with 1-2 very small grains of brassy sulphide	3	34	65	<0.01	0.03	0.102
365658	426362	5135986	Grey-green cgr gabbro, few mm-scale grains of brassy-silvery sulphide	9	45	53	0.03	0.02	0.107
365659	426308	5135973	Dark green fgr gabbro, brown rusty weathering on edge, iridescent purple on fracture face, numerous vf grains of pyrite	2	14	37	<0.01	0.03	0.053
365663	424819	5134239	Blue-grey fgr gabbro, weathering on internal fractures, ~3% pyrite, often in agglomerations	377	479	348	0.79	0.27	1.204

365664	424818	5134262	Grey + white f-mgr gabbro, granitic texture with frequent leucocratic zones, pervasive weathering, vfgr sulphides with v. rare larger grains	19	100	99	0.05	0.04	0.218
365665	424792	5134271	Blue-green cgr intrusive, brittle with pervasive rusty weathering, no visible sulphides	1	0	2	0.02	0.02	0.003
365666	424806	5134297	Blue-green-grey mgr intrusive with cm-scale black striated crystals, few grains of brassy sulphides	1	16	10	<0.01	0.04	0.027
365667	424772	5134326	Blue-grey intrusive with abundant mica (muscovite?), rusty weathered rim, potentially vfgr sulphides	0	0	2	<0.01	0.04	0.002
365668	426743	5137299	Grey mgr anorthosite, quartz rich, bronzy weathered sulphides in greenish quartz, taken from edge of bulk sample	1	0	4	<0.01	0.02	0.005
365669	426712	5137313	Light grey to black cgr anorthosite, granitic texture, numerous fine grains of pale brass sulphides, very rarely yellow	2	14	69	<0.01	<0.01	0.085
365670	426726	5137312	Light grey cgr anorthosite, quartz rich, 1% pyrite, occasionally in quartz veins, remainder disseminated	2	0	8	<0.01	<0.01	0.01
365671	426745	5137306	Green-grey fgr diabase, numerous grains of pyrite (+ pyrrhotite?)	612	11	21	0.03	0.09	0.644
365672	426759	5137307	Rusty weathered quartz with minor anorthosite, large agglomerations of pyrite ~10%, very strong iron oxide staining	4	18	13	0.56	<0.01	0.035
365673	426752	5137305	Milky anorthosite mgr, with pervasive iron oxide staining, 5-10% pyrite with minor chalcopyrite	34	0	11	0.22	<0.01	0.045
365674	430798	5137835	Green-grey cgr intrusive, few brassy grains of sulphides	1	0	4	<0.01	0.03	0.005

365677	430775	5137749	Dark grey fgr intrusive, rusty weathering on internal fractures, few brassy yellow grains of sulphides	1	0	2	<0.01	<0.01	0.003

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06932**
Report Date: **04-Aug-20**
Date Submitted: **30-Jun-20**
Your Reference: **Agnew Lake**

Clark Exploration Consulting Inc.
941 Cobalt Crescent
Thunder Bay ON P7B 5Z4
Canada

ATTN: Garry Clark

CERTIFICATE OF ANALYSIS

98 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-07-08 10:37:30
1F2	QOP Total (Total Digestion ICPOES)	2020-07-15 13:41:29

REPORT **A20-06932**

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	2	5	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
440151	< 2	13	16	< 0.3	13.3	18	152	< 1	< 2	7.48	< 0.3	24	41	20	3.52	16	1	0.58	2.29	18	552	< 1	2.08
440152	< 2	39	< 5	< 0.3	11.4	3	124	< 1	< 2	6.02	< 0.3	45	42	38	4.98	16	< 1	0.43	3.87	30	723	< 1	1.55
440153	< 2	6	< 5	< 0.3	11.5	6	255	< 1	< 2	6.97	< 0.3	27	27	14	3.42	16	< 1	0.95	2.60	33	568	< 1	2.17
440154	36	281	225	< 0.3	5.29	< 3	57	< 1	< 2	5.80	0.4	64	295	393	7.09	8	< 1	0.19	7.01	24	1330	< 1	0.67
440155	6	410	136	< 0.3	8.16	< 3	109	< 1	< 2	6.07	< 0.3	52	282	72	5.91	14	< 1	0.29	5.28	24	1100	< 1	1.36
440156	7	15	8	< 0.3	9.46	< 3	96	< 1	< 2	6.29	0.7	56	130	77	5.90	12	< 1	0.28	5.28	24	994	< 1	1.33
440157	110	738	236	0.8	10.1	3	126	< 1	< 2	7.00	< 0.3	67	84	1290	5.64	14	1	0.42	4.31	25	842	< 1	1.33
440158	25	17	22	0.4	8.61	< 3	226	< 1	< 2	6.07	< 0.3	35	97	299	4.24	18	< 1	0.47	3.56	10	729	< 1	1.89
440159	2	44	38	< 0.3	8.28	< 3	113	< 1	< 2	5.94	0.5	68	153	68	6.86	10	1	0.32	6.37	22	1150	< 1	0.98
440160	29	48	35	0.5	9.39	< 3	220	< 1	< 2	6.25	< 0.3	34	55	536	3.75	18	< 1	0.50	3.10	10	655	< 1	2.18
440161	9	608	161	< 0.3	10.2	3	111	< 1	< 2	6.76	0.3	46	93	109	5.01	15	< 1	0.26	4.16	16	820	< 1	1.68
440162	< 2	32	6	< 0.3	9.82	4	165	< 1	< 2	6.99	< 0.3	48	102	73	6.36	13	< 1	0.39	3.77	18	1030	< 1	1.59
440163	5	5	9	< 0.3	6.76	< 3	111	< 1	< 2	6.63	< 0.3	51	34	139	10.2	15	< 1	0.32	3.44	6	1590	< 1	1.15
440164	< 2	< 5	< 5	< 0.3	5.75	< 3	43	< 1	< 2	6.45	0.3	52	24	74	12.0	17	< 1	0.28	3.34	5	1680	< 1	0.83
440165	< 2	21	21	< 0.3	8.33	< 3	79	< 1	< 2	6.81	< 0.3	58	67	31	6.86	13	< 1	0.21	4.58	12	1120	< 1	1.34
440166	62	973	188	0.7	9.04	< 3	237	< 1	< 2	6.75	0.7	65	167	1980	6.25	15	< 1	0.64	3.50	14	912	< 1	1.72
440167	< 2	36	12	< 0.3	10.9	< 3	93	< 1	< 2	7.78	< 0.3	34	92	33	4.24	14	2	0.34	3.56	8	699	< 1	1.58
440168	< 2	15	9	< 0.3	7.15	< 3	176	< 1	< 2	6.53	< 0.3	69	159	9	7.45	10	< 1	0.37	6.97	15	1300	< 1	0.79
440169	< 2	< 5	< 5	< 0.3	9.77	< 3	540	1	< 2	3.52	< 0.3	7	14	47	2.49	22	< 1	1.33	0.91	22	382	< 1	4.30
440170	< 2	< 5	< 5	< 0.3	8.58	< 3	890	1	< 2	4.22	< 0.3	21	15	63	4.88	21	< 1	1.51	2.15	18	883	< 1	3.46
440171	9	5	7	< 0.3	6.45	< 3	200	2	< 2	6.04	< 0.3	36	36	668	9.13	17	< 1	0.89	2.84	7	1910	< 1	2.38
440172	13	8	8	< 0.3	6.97	< 3	275	< 1	3	5.58	< 0.3	43	93	255	9.84	17	< 1	0.84	3.30	13	2060	< 1	2.41
440173	< 2	9	11	< 0.3	10.2	< 3	204	< 1	< 2	6.79	< 0.3	25	10	86	7.02	19	< 1	0.56	1.41	20	1020	< 1	2.43
440174	< 2	16	8	< 0.3	9.93	4	142	< 1	< 2	6.43	< 0.3	55	91	22	5.88	14	< 1	0.39	5.02	22	917	< 1	1.45
440175	< 2	< 5	8	< 0.3	9.94	< 3	148	< 1	< 2	7.56	< 0.3	36	57	11	4.68	15	< 1	0.52	3.40	15	801	< 1	1.91
440176	< 2	9	13	< 0.3	9.78	7	222	< 1	< 2	6.84	< 0.3	39	44	21	5.25	13	< 1	0.60	3.48	16	807	< 1	1.63
440177	< 2	9	6	< 0.3	9.38	< 3	172	< 1	< 2	7.57	< 0.3	38	54	64	6.06	15	1	0.53	3.30	14	978	< 1	1.66
440178	< 2	< 5	6	< 0.3	9.77	4	141	< 1	< 2	7.51	< 0.3	34	52	43	5.01	16	< 1	0.37	3.16	13	872	< 1	1.84
440179	< 2	5	8	< 0.3	8.76	7	101	< 1	< 2	7.02	< 0.3	54	52	40	6.47	15	< 1	0.26	5.28	15	1050	< 1	1.40
440180	< 2	6	7	< 0.3	7.84	< 3	92	< 1	< 2	6.54	0.3	68	108	64	7.96	12	< 1	0.27	6.15	16	1210	< 1	1.03
440181	18	8	8	< 0.3	10.2	6	271	< 1	< 2	7.36	< 0.3	36	65	23	5.66	16	< 1	0.84	3.67	19	920	< 1	1.72
440182	< 2	< 5	< 5	< 0.3	11.2	< 3	142	< 1	< 2	7.65	< 0.3	22	31	31	3.42	16	< 1	0.47	2.20	8	546	< 1	2.21
440183	< 2	6	6	< 0.3	9.74	< 3	143	< 1	< 2	7.06	< 0.3	46	73	66	6.18	14	< 1	0.50	4.33	16	969	< 1	1.59
440184	< 2	< 5	< 5	< 0.3	12.3	< 3	189	< 1	< 2	8.39	< 0.3	19	61	14	3.81	14	< 1	0.60	1.98	17	654	< 1	2.25
440185	< 2	19	36	< 0.3	8.20	< 3	469	2	< 2	2.02	< 0.3	55	14	36	9.84	19	< 1	1.92	4.21	30	3220	< 1	2.89
440186	11	37	35	< 0.3	6.12	< 3	113	< 1	< 2	4.53	< 0.3	63	9	293	10.1	13	< 1	0.58	4.08	32	1820	< 1	1.84
440187	4	< 5	< 5	0.6	6.02	< 3	533	2	< 2	4.09	0.3	39	5	152	16.7	22	< 1	1.54	2.28	21	2270	< 1	1.08
440188	< 2	50	8	< 0.3	7.52	< 3	188	< 1	< 2	5.60	< 0.3	54	178	4	5.75	11	< 1	0.99	6.06	20	1300	< 1	2.01
440189	3	297	88	< 0.3	7.93	< 3	333	< 1	< 2	5.83	< 0.3	54	126	50	5.79	10	< 1	1.48	5.78	23	1460	< 1	1.92
440190	< 2	< 5	6	< 0.3	9.27	5	230	< 1	< 2	5.64	0.6	55	85	15	6.07	14	< 1	0.65	5.71	21	1090	< 1	2.11
440191	< 2	< 5	< 5	< 0.3	7.05	< 3	104	< 1	< 2	6.38	0.4	78	116	24	8.44	11	< 1	0.28	7.44	19	1290	< 1	0.83
440192	< 2	< 5	7	< 0.3	9.99	< 3	269	< 1	< 2	6.61	< 0.3	43	143	7	5.61	13	1	0.83	4.17	21	985	< 1	2.11
440193	< 2	< 5	< 5	< 0.3	9.97	< 3	150	< 1	< 2	7.31	< 0.3	34	115	31	4.78	13	< 1	0.70	3.78	18	863	< 1	1.87
440194	< 2	< 5	5	< 0.3	9.42	4	132	< 1	< 2	7.39	< 0.3	39	90	22	6.50	15	1	0.48	3.61	14	1030	< 1	2.20
440195	8	12	12	< 0.3	7.05	4	220	< 1	< 2	5.22	< 0.3	53	10	153	9.41	15	< 1	0.80	3.65	18	1780	< 1	2.56
440196	12	237	57	< 0.3	5.59	< 3	126	< 1	< 2	6.76	< 0.3	75	8	113	14.8	19	1	0.71	3.72	24	1580	< 1	0.83
440197	4	198	211	< 0.3	7.62	< 3	133	< 1	< 2	5.82	0.3	51	6	47	9.54	17	< 1	0.76	3.13	15	1740	< 1	2.64
440198	< 2	9	19	< 0.3	11.1	< 3	281	< 1	< 2	8.48	< 0.3	25	40	26	4.79	16	< 1	1.26	2.43	34	774	< 1	1.89
440199	< 2	6	7	< 0.3	10.0	< 3	129	< 1	< 2	6.29	< 0.3	55	59	14	6.81	14	1	0.34	4.96	22	1260	< 1	1.68
440200	< 2	30	15	< 0.3	8.32	< 3	62	< 1	< 2	6.98	< 0.3	37	52	102	8.18	16	< 1	0.40	2.97	12	1370	< 1	2.06
440201	< 2	6	8	< 0.3	9.28	3	91	< 1	< 2	7.17	< 0.3	51	88	11	6.73	13	< 1	0.23	4.86	16	1050	< 1	1.60

Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	2	5	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
440202	4	7	10	< 0.3	8.28	< 3	132	< 1	< 2	6.48	< 0.3	45	72	182	8.76	15	< 1	0.53	3.56	14	1590	< 1	2.35
440203	3	11	9	< 0.3	9.25	< 3	139	< 1	< 2	7.10	< 0.3	43	100	100	6.86	17	< 1	0.49	3.41	12	1050	< 1	1.82
440204	< 2	19	7	< 0.3	9.89	< 3	141	< 1	< 2	7.46	< 0.3	33	37	64	5.76	18	< 1	0.37	2.87	8	960	< 1	2.22
440205	< 2	< 5	< 5	0.5	10.8	< 3	134	< 1	< 2	6.80	< 0.3	46	16	34	5.40	16	< 1	0.43	4.08	16	793	< 1	1.92
440206	< 2	< 5	< 5	< 0.3	10.6	4	112	< 1	< 2	7.37	< 0.3	48	27	42	5.62	12	< 1	0.22	4.29	13	849	< 1	1.73
440207	< 2	7	8	< 0.3	7.08	< 3	123	< 1	< 2	5.44	0.6	83	71	39	8.50	10	< 1	0.46	7.90	23	1310	< 1	0.82
440208	< 2	< 5	< 5	< 0.3	8.42	< 3	75	< 1	< 2	6.23	< 0.3	69	27	72	7.21	11	< 1	0.27	6.57	24	1150	< 1	1.26
440209	< 2	< 5	< 5	< 0.3	10.1	12	335	< 1	< 2	5.76	< 0.3	52	34	25	5.95	15	< 1	0.97	4.76	20	924	2	1.45
440210	< 2	< 5	< 5	< 0.3	6.77	< 3	266	< 1	< 2	5.40	0.4	43	29	117	11.1	19	< 1	0.75	2.45	11	1350	< 1	1.62
440211	< 2	13	21	< 0.3	10.1	< 3	91	< 1	< 2	6.48	< 0.3	59	54	32	6.94	14	< 1	0.19	5.63	14	1050	< 1	1.45
440212	< 2	12	15	< 0.3	8.90	< 3	171	< 1	3	6.86	< 0.3	38	157	70	7.12	17	< 1	0.45	3.68	15	1200	< 1	1.89
440213	< 2	15	15	< 0.3	7.53	< 3	114	< 1	10	5.87	< 0.3	42	87	88	9.65	17	< 1	0.41	3.69	15	1390	< 1	2.15
440214	< 2	11	14	< 0.3	7.35	< 3	127	< 1	4	6.21	< 0.3	48	31	38	9.33	17	< 1	0.42	3.53	11	1490	< 1	1.95
440215	< 2	17	21	< 0.3	9.25	< 3	180	< 1	< 2	7.07	< 0.3	34	98	71	6.13	17	< 1	0.55	3.32	15	1050	< 1	1.83
440216	< 2	12	15	< 0.3	11.0	< 3	294	< 1	< 2	6.82	< 0.3	22	93	128	3.90	18	< 1	1.71	1.94	25	681	< 1	2.22
440217	< 2	12	49	< 0.3	11.8	< 3	192	< 1	< 2	7.11	< 0.3	21	24	59	3.51	19	< 1	0.77	2.08	26	584	< 1	2.25
440218	< 2	< 5	< 5	< 0.3	10.8	< 3	> 1000	< 1	< 2	3.79	< 0.3	29	14	11	5.84	15	< 1	1.84	2.55	23	854	< 1	2.72
440219	< 2	< 5	< 5	< 0.3	11.8	< 3	161	< 1	< 2	7.41	< 0.3	29	42	32	4.67	21	< 1	0.50	2.90	19	739	< 1	2.43
440220	< 2	< 5	< 5	0.3	6.70	< 3	259	< 1	< 2	4.46	0.3	44	24	110	10.5	17	< 1	0.75	2.67	18	1430	< 1	2.40
440221	< 2	< 5	< 5	0.3	6.62	< 3	273	< 1	< 2	5.24	< 0.3	42	23	141	10.1	19	1	0.65	2.34	11	1320	< 1	2.06
440222	< 2	< 5	5	< 0.3	10.7	< 3	81	< 1	< 2	6.04	< 0.3	55	31	12	6.29	16	< 1	0.28	4.84	16	967	< 1	1.68
440223	< 2	11	13	< 0.3	10.9	< 3	99	< 1	< 2	6.68	< 0.3	38	39	9	4.70	16	< 1	0.26	3.86	14	850	< 1	2.13
440224	< 2	< 5	< 5	< 0.3	10.5	< 3	110	< 1	< 2	6.82	< 0.3	45	109	22	5.42	16	< 1	0.18	4.48	11	858	< 1	1.63
440225	< 2	8	13	< 0.3	7.97	3	103	< 1	< 2	5.48	< 0.3	80	74	38	8.18	12	< 1	0.30	7.27	16	1230	1	0.99
440226	< 2	7	7	< 0.3	7.81	< 3	109	< 1	< 2	5.72	< 0.3	74	69	31	8.13	13	1	0.28	7.04	15	1220	< 1	0.93
440227	< 2	< 5	5	< 0.3	8.60	< 3	50	< 1	< 2	5.78	< 0.3	72	71	31	7.64	12	< 1	0.18	6.80	15	1250	< 1	1.03
440228	< 2	7	11	< 0.3	8.25	3	174	< 1	2	6.11	< 0.3	61	119	14	7.95	15	< 1	0.38	5.48	14	1170	< 1	1.41
440229	< 2	9	10	< 0.3	7.28	< 3	45	< 1	< 2	7.52	< 0.3	48	187	41	7.55	15	< 1	0.19	4.89	5	1250	< 1	1.22
440231	< 2	< 5	< 5	< 0.3	8.26	< 3	154	< 1	< 2	5.08	< 0.3	62	98	17	8.22	11	< 1	0.41	5.53	16	1220	< 1	1.83
440232	< 2	< 5	< 5	< 0.3	11.3	< 3	137	< 1	< 2	6.03	< 0.3	46	71	22	6.21	18	< 1	0.33	4.35	21	927	< 1	2.01
440234	< 2	12	16	< 0.3	8.36	< 3	73	< 1	< 2	6.17	< 0.3	67	80	38	7.99	15	1	0.27	5.96	15	1300	< 1	1.21
440237	< 2	5	< 5	< 0.3	10.6	< 3	180	< 1	< 2	6.47	< 0.3	59	51	32	7.02	16	< 1	0.41	5.26	22	1050	< 1	1.64
440238	< 2	< 5	< 5	< 0.3	7.03	< 3	274	< 1	2	6.01	< 0.3	40	47	82	10.8	19	< 1	0.74	2.93	11	1460	< 1	1.57
440240	< 2	10	14	< 0.3	8.61	< 3	79	< 1	< 2	6.16	< 0.3	63	73	27	7.52	12	< 1	0.23	5.76	17	1240	< 1	1.29
440241	< 2	6	6	< 0.3	8.47	< 3	134	< 1	< 2	6.96	< 0.3	47	31	29	6.86	15	< 1	0.35	4.38	12	1190	< 1	1.63
440242	< 2	< 5	< 5	< 0.3	10.0	< 3	> 1000	2	< 2	4.63	< 0.3	15	16	58	2.82	23	< 1	1.38	1.21	4	552	1	3.87
440243	< 2	6	< 5	< 0.3	4.16	< 3	839	1	< 2	8.90	< 0.3	44	285	39	7.77	13	< 1	0.68	7.01	12	1610	< 1	0.50
440244	< 2	< 5	< 5	< 0.3	7.63	6	> 1000	2	< 2	5.03	< 0.3	27	83	66	6.07	21	< 1	1.25	3.29	18	1080	1	2.94
440245	< 2	< 5	< 5	< 0.3	9.46	5	> 1000	2	< 2	4.07	< 0.3	17	31	16	3.82	23	< 1	1.51	2.17	20	716	< 1	3.55
440246	< 2	< 5	< 5	< 0.3	5.94	< 3	659	2	< 2	1.90	< 0.3	13	27	7	4.02	21	< 1	1.46	1.06	31	817	< 1	2.17
440247	< 2	< 5	< 5	< 0.3	12.0	6	235	< 1	< 2	7.76	< 0.3	35	63	5	3.89	15	< 1	0.69	3.35	17	800	< 1	1.87
440248	< 2	< 5	10	< 0.3	11.9	< 3	139	< 1	< 2	6.72	< 0.3	48	19	7	5.21	15	< 1	0.43	4.15	27	840	< 1	1.88
440249	< 2	< 5	6	< 0.3	12.1	5	151	< 1	< 2	7.55	< 0.3	43	27	19	4.94	15	< 1	0.57	3.98	23	739	< 1	1.65
440250	< 2	21	23	< 0.3	7.93	< 3	75	< 1	< 2	7.94	< 0.3	52	93	57	8.55	14	< 1	0.29	4.41	16	1330	< 1	1.23
440251	< 2	< 5	< 5	< 0.3	9.70	< 3	525	3	< 2	4.57	< 0.3	24	35	57	5.21	22	< 1	1.40	2.13	23	1300	< 1	3.17
440252	< 2	17	17	< 0.3	7.87	4	251	< 1	< 2	7.51	< 0.3	45	72	92	7.66	15	< 1	0.60	3.85	18	1270	< 1	1.34
440253	< 2	8	9	< 0.3	8.64	< 3	182	< 1	< 2	7.68	< 0.3	41	100	53	7.00	16	< 1	0.48	3.66	10	1230	< 1	1.77

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
440151	129	0.007	< 3	< 5	0.01	7	374	2	0.05	< 5	< 10	31	< 5	2	30	9
440152	264	0.007	< 3	< 5	< 0.01	7	273	4	0.06	< 5	< 10	46	< 5	3	53	11
440153	145	0.008	< 3	< 5	< 0.01	6	359	< 2	0.07	< 5	< 10	37	< 5	3	35	9
440154	417	0.007	< 3	< 5	0.03	28	63	8	0.12	< 5	< 10	117	< 5	5	81	14
440155	279	0.008	< 3	< 5	< 0.01	22	198	2	0.11	< 5	< 10	97	< 5	5	68	14
440156	337	0.005	< 3	< 5	< 0.01	9	208	< 2	0.06	< 5	< 10	51	< 5	2	65	7
440157	844	0.004	3	< 5	0.27	8	270	< 2	0.05	< 5	< 10	39	< 5	2	54	6
440158	191	0.016	5	< 5	0.02	16	317	3	0.17	< 5	< 10	87	< 5	6	40	38
440159	408	0.006	< 3	< 5	< 0.01	12	186	5	0.07	< 5	< 10	62	< 5	3	66	13
440160	243	0.016	4	< 5	0.05	13	358	9	0.14	< 5	< 10	74	< 5	6	47	36
440161	329	0.008	9	< 5	0.02	12	303	< 2	0.08	< 5	< 10	58	< 5	3	58	13
440162	183	0.014	< 3	< 5	< 0.01	20	235	6	0.19	< 5	< 10	122	< 5	8	74	18
440163	88	0.032	< 3	< 5	< 0.01	40	123	3	0.39	< 5	< 10	260	< 5	18	102	40
440164	81	0.044	7	< 5	0.02	44	61	< 2	0.27	< 5	< 10	269	< 5	22	119	44
440165	236	0.012	< 3	< 5	< 0.01	20	177	< 2	0.15	< 5	< 10	113	< 5	5	58	13
440166	675	0.017	< 3	< 5	0.46	18	260	< 2	0.19	< 5	< 10	116	< 5	6	77	12
440167	181	0.010	< 3	< 5	0.01	13	287	4	0.12	< 5	< 10	77	< 5	4	44	11
440168	383	0.007	< 3	< 5	< 0.01	22	111	< 2	0.10	< 5	< 10	102	< 5	4	74	9
440169	10	0.192	< 3	< 5	0.02	5	932	7	0.27	< 5	< 10	59	< 5	17	29	80
440170	18	0.281	9	< 5	0.10	7	985	7	0.28	< 5	< 10	131	< 5	16	62	28
440171	38	0.050	28	< 5	0.09	37	290	< 2	0.41	< 5	< 10	211	< 5	28	132	50
440172	58	0.043	15	< 5	0.03	38	320	7	0.49	< 5	< 10	299	< 5	25	140	72
440173	21	0.066	11	< 5	< 0.01	16	301	5	0.31	< 5	< 10	145	< 5	16	79	48
440174	363	0.010	< 3	< 5	< 0.01	13	234	< 2	0.11	< 5	< 10	74	< 5	4	71	15
440175	126	0.017	< 3	< 5	< 0.01	20	298	3	0.21	< 5	< 10	134	< 5	7	47	15
440176	187	0.024	< 3	< 5	< 0.01	17	253	3	0.24	< 5	< 10	122	< 5	9	54	25
440177	164	0.013	4	< 5	0.02	20	260	< 2	0.33	< 5	< 10	207	< 5	9	60	20
440178	145	0.023	< 3	< 5	< 0.01	18	281	4	0.29	< 5	< 10	159	< 5	10	54	23
440179	326	0.016	< 3	< 5	< 0.01	18	208	< 2	0.16	< 5	< 10	103	< 5	6	69	16
440180	391	0.011	< 3	< 5	< 0.01	17	148	5	0.13	< 5	< 10	91	< 5	5	74	12
440181	140	0.027	< 3	< 5	< 0.01	23	279	< 2	0.18	< 5	< 10	131	< 5	10	62	24
440182	97	0.017	< 3	< 5	< 0.01	14	364	< 2	0.20	< 5	< 10	97	< 5	8	36	27
440183	239	0.015	< 3	< 5	< 0.01	21	255	2	0.25	< 5	< 10	170	< 5	8	59	14
440184	60	0.016	< 3	< 5	< 0.01	12	410	7	0.16	< 5	< 10	78	< 5	5	30	16
440185	69	0.033	39	< 5	< 0.01	41	56	< 2	0.36	< 5	< 10	254	< 5	15	356	63
440186	63	0.014	5	< 5	0.02	38	68	< 2	0.23	< 5	< 10	285	< 5	10	139	30
440187	8	0.063	17	< 5	0.09	32	23	5	0.35	< 5	< 10	185	< 5	30	187	89
440188	289	0.005	3	< 5	< 0.01	20	222	< 2	0.08	< 5	< 10	77	< 5	3	82	7
440189	274	0.019	5	< 5	< 0.01	20	199	< 2	0.16	< 5	< 10	86	< 5	7	124	51
440190	384	0.006	5	< 5	< 0.01	20	227	4	0.10	< 5	< 10	93	< 5	4	68	11
440191	520	0.007	< 3	< 5	< 0.01	18	113	< 2	0.11	< 5	< 10	94	< 5	4	77	8
440192	145	0.016	6	< 5	< 0.01	21	260	< 2	0.16	< 5	< 10	117	< 5	7	59	15
440193	105	0.010	5	< 5	< 0.01	21	263	4	0.13	< 5	< 10	105	< 5	5	45	10
440194	105	0.014	9	< 5	< 0.01	17	259	< 2	0.15	< 5	< 10	113	< 5	6	52	16
440195	62	0.030	5	< 5	< 0.01	39	117	< 2	0.46	< 5	< 10	339	< 5	13	113	36
440196	112	0.011	7	< 5	< 0.01	46	52	< 2	0.18	< 5	10	741	< 5	12	123	21
440197	66	0.020	16	< 5	< 0.01	40	210	< 2	0.31	< 5	< 10	352	< 5	12	156	26
440198	76	0.021	< 3	< 5	0.01	18	228	< 2	0.24	< 5	< 10	127	< 5	8	39	17
440199	342	0.018	< 3	< 5	< 0.01	17	193	< 2	0.21	< 5	< 10	114	< 5	7	102	17
440200	71	0.030	6	< 5	< 0.01	30	235	< 2	0.19	< 5	< 10	167	< 5	20	93	33
440201	293	0.021	< 3	< 5	< 0.01	15	216	5	0.22	< 5	< 10	122	< 5	7	78	15

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
440202	86	0.031	5	< 5	< 0.01	36	193	< 2	0.24	< 5	< 10	199	< 5	20	104	35
440203	116	0.021	< 3	< 5	0.02	23	232	2	0.27	< 5	< 10	180	< 5	11	67	20
440204	66	0.032	< 3	< 5	< 0.01	24	280	3	0.25	< 5	< 10	160	< 5	12	60	45
440205	237	0.040	< 3	< 5	0.01	10	300	< 2	0.25	< 5	< 10	91	< 5	7	63	29
440206	243	0.020	< 3	< 5	0.02	12	248	3	0.20	< 5	< 10	101	< 5	7	62	26
440207	459	0.012	< 3	< 5	< 0.01	14	140	< 2	0.12	< 5	< 10	84	< 5	5	105	12
440208	406	0.016	< 3	< 5	0.02	12	211	< 2	0.18	< 5	< 10	88	< 5	6	92	17
440209	279	0.033	5	< 5	< 0.01	10	198	6	0.19	< 5	< 10	89	< 5	7	68	22
440210	35	0.067	11	< 5	0.07	34	131	< 2	0.20	< 5	< 10	182	< 5	31	98	63
440211	369	0.015	4	< 5	< 0.01	13	201	9	0.14	< 5	< 10	78	< 5	5	85	12
440212	83	0.030	6	< 5	0.01	30	202	9	0.34	< 5	< 10	192	< 5	11	80	32
440213	71	0.045	10	< 5	0.02	34	131	< 2	0.51	< 5	10	242	< 5	21	100	56
440214	51	0.055	9	< 5	< 0.01	38	130	10	0.37	< 5	10	181	< 5	30	105	67
440215	69	0.022	4	< 5	< 0.01	27	217	4	0.23	< 5	< 10	158	< 5	10	57	21
440216	57	0.031	< 3	< 5	0.02	14	456	< 2	0.27	< 5	< 10	126	< 5	9	43	25
440217	57	0.009	6	< 5	0.01	14	302	< 2	0.13	< 5	< 10	88	< 5	4	45	7
440218	107	0.018	< 3	< 5	< 0.01	12	224	6	0.19	< 5	< 10	60	< 5	8	66	27
440219	116	0.062	5	< 5	< 0.01	14	336	10	0.30	< 5	< 10	123	< 5	12	51	32
440220	34	0.071	7	< 5	0.03	34	117	9	0.29	< 5	10	184	< 5	32	93	104
440221	31	0.073	20	< 5	0.08	32	147	16	0.29	< 5	< 10	180	< 5	31	111	83
440222	326	0.013	5	< 5	< 0.01	11	217	< 2	0.13	< 5	< 10	67	< 5	4	86	8
440223	232	0.017	5	< 5	< 0.01	11	264	< 2	0.17	< 5	< 10	88	< 5	6	82	15
440224	265	0.015	4	< 5	< 0.01	13	227	< 2	0.16	< 5	< 10	84	< 5	6	69	14
440225	529	0.016	8	< 5	< 0.01	13	148	9	0.13	< 5	< 10	74	< 5	5	85	13
440226	509	0.008	4	< 5	< 0.01	14	140	7	0.10	< 5	< 10	71	< 5	4	87	10
440227	505	0.014	5	< 5	< 0.01	13	167	< 2	0.15	< 5	< 10	76	< 5	5	99	13
440228	221	0.030	5	< 5	< 0.01	22	173	13	0.31	< 5	< 10	148	< 5	10	77	25
440229	122	0.012	7	< 5	< 0.01	41	146	< 2	0.23	< 5	< 10	193	< 5	9	72	11
440231	310	0.011	6	< 5	0.01	15	158	7	0.14	< 5	< 10	90	< 5	6	89	10
440232	234	0.024	3	< 5	< 0.01	13	247	8	0.16	< 5	< 10	83	< 5	6	77	21
440234	424	0.008	3	< 5	0.01	15	146	10	0.10	< 5	< 10	79	< 5	4	94	7
440237	338	0.018	< 3	< 5	< 0.01	16	211	4	0.16	< 5	< 10	107	< 5	6	85	12
440238	44	0.048	9	< 5	0.04	36	123	6	0.32	< 5	< 10	211	< 5	28	105	63
440240	397	0.008	4	< 5	< 0.01	15	152	3	0.11	< 5	< 10	83	< 5	4	89	7
440241	156	0.017	5	< 5	< 0.01	28	196	< 2	0.22	< 5	< 10	154	< 5	7	69	14
440242	26	0.093	23	< 5	0.02	8	1940	2	0.16	< 5	20	45	< 5	14	45	100
440243	133	0.419	16	< 5	0.04	30	1090	< 2	0.23	< 5	< 10	157	< 5	65	146	11
440244	62	0.160	10	< 5	0.14	19	921	< 2	0.31	< 5	< 10	152	< 5	20	109	70
440245	42	0.150	7	< 5	0.06	9	1340	< 2	0.21	< 5	< 10	70	< 5	10	71	44
440246	17	0.074	10	< 5	< 0.01	9	252	< 2	0.24	< 5	< 10	57	< 5	11	111	33
440247	203	0.007	7	< 5	< 0.01	8	370	8	0.06	< 5	< 10	40	< 5	2	44	< 5
440248	305	0.008	9	< 5	< 0.01	6	303	< 2	0.07	< 5	< 10	42	< 5	2	86	6
440249	274	0.008	8	< 5	< 0.01	6	317	3	0.07	< 5	< 10	40	< 5	2	60	6
440250	121	0.011	8	< 5	< 0.01	36	175	< 2	0.24	< 5	< 10	202	< 5	10	81	8
440251	36	0.078	11	< 5	0.07	18	571	< 2	0.36	< 5	< 10	152	< 5	12	136	30
440252	88	0.023	< 3	< 5	< 0.01	35	219	3	0.26	< 5	< 10	194	< 5	12	76	24
440253	80	0.030	< 3	< 5	< 0.01	33	248	< 2	0.28	< 5	< 10	192	< 5	11	70	23

Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	2	5	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas					7.78	3	634	3		1.06		18	79	28	4.49	21	< 1	2.67	1.00	35	884		1.51
SDC-1 Cert					8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52
Oreas 72a (4 Acid Digest) Meas						4						142	144	283	9.10								
Oreas 72a (4 Acid Digest) Cert						14.7						157	228	316	9.63								
OREAS 101b (4 Acid) Meas												45		402	10.4			2.63	1.20		921	18	
OREAS 101b (4 Acid) Cert												45		412	10.7			2.36	1.23		927	20.1	
OREAS 98 (4 Acid) Meas				46.5					63			124		> 10000									
OREAS 98 (4 Acid) Cert				45.1					97.2			121		14800 0.0									
DNC-1a Meas							97			7.60		53	131	90	6.55	12				5			1.40
DNC-1a Cert							118			8.21		57	270	100	6.97	15				5.2			1.40
OREAS 13b (4-Acid) Meas				0.9		49						72	8770	2280								8	
OREAS 13b (4-Acid) Cert				0.86		57						75	8650.0 00	2327.0 000								9.0	
PK2 Meas	4910	6130	4980																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4770	5880	4680																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4700	5830	4630																				
PK2 Cert	4785	5918	4749																				
OREAS 904 (4 ACID) Meas				1.0	6.77	96	214	9	< 2	0.05		93	57	6240	7.33	15		4.43	0.61	17	449	3	0.04
OREAS 904 (4 ACID) Cert				0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7		3.31	0.556	16.7	410	2.12	0.0340
SBC-1 Meas						31	450	3	< 2		0.4	22	85	30		27				170		2	
SBC-1 Cert						25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0				163		2	
OREAS 45d (4-Acid) Meas					8.10	< 3	185	< 1	< 2	0.19		33	511	360	13.8	21		0.40	0.24	21	498	< 1	0.09
OREAS 45d (4-Acid) Cert					8.150	13.8	183.0	0.79	0.31	0.185		29.50	549	371	14.5	21.20		0.412	0.245	21.5	490.000	2.500	0.101
OREAS 96 (4 Acid) Meas				11.8					15			51		> 10000									
OREAS 96 (4 Acid) Cert				11.5					26.3			49.9		39300									
OREAS 923 (4 Acid) Meas				1.9	7.38	8	365	3	15	0.50	0.4	23	69	4320	6.51	19		2.13	1.73	31	959	< 1	0.32
OREAS 923 (4 Acid) Cert				1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3		2.51	1.69	31.4	950	0.930	0.324
OREAS 621 (4 Acid) Meas				69.1	6.30	67		2	< 2	2.07	271	30	24	3530	3.67	23		2.32	0.51	14	494	13	1.29
OREAS 621 (4 Acid) Cert				69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6		2.20	0.507	14.2	532	13.6	1.31
CDN-PGMS-30 Meas	2050	1640	208																				
CDN-PGMS-30 Cert	1897.0 00	1660.0 00	223.000																				
CDN-PGMS-30 Meas	1780	1640	241																				
CDN-PGMS-30 Cert	1897.0 00	1660.0 00	223.000																				
CDN-PGMS-30	1850	1620	220																				

Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	2	5	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Meas																							
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
440158 Orig	26	17	23																				
440158 Dup	23	17	22																				
440164 Orig				< 0.3	5.74	< 3	43	< 1	< 2	6.43	0.3	52	26	69	12.0	17	< 1	0.28	3.36	5	1680	< 1	0.83
440164 Dup				< 0.3	5.77	< 3	43	< 1	< 2	6.48	0.3	52	23	78	11.9	17	< 1	0.28	3.33	5	1690	< 1	0.84
440169 Orig	< 2	< 5	< 5																				
440169 Dup	< 2	< 5	< 5																				
440174 Orig				< 0.3	9.83	4	143	< 1	< 2	6.43	< 0.3	54	110	22	5.90	14	< 1	0.39	5.04	22	926	< 1	1.46
440174 Dup				< 0.3	10.0	4	142	< 1	< 2	6.42	0.4	55	71	22	5.86	14	< 1	0.40	5.00	22	908	< 1	1.45
440175 Orig	< 2	< 5	8																				
440175 Dup	< 2	< 5	8																				
440185 Orig				< 0.3	8.23	< 3	475	2	< 2	2.04	< 0.3	55	12	35	9.91	19	< 1	1.77	4.27	30	3240	< 1	2.90
440185 Dup				< 0.3	8.16	< 3	462	2	< 2	1.99	< 0.3	54	15	36	9.77	19	< 1	2.07	4.15	30	3210	< 1	2.87
440193 Orig	< 2	< 5	< 5																				
440193 Dup	< 2	< 5	< 5																				
440198 Orig				< 0.3	10.9	< 3	280	< 1	< 2	8.46	< 0.3	25	37	29	4.77	15	< 1	1.27	2.41	34	774	< 1	1.88
440198 Dup				< 0.3	11.4	< 3	281	< 1	< 2	8.51	< 0.3	25	43	22	4.80	17	1	1.25	2.44	34	775	< 1	1.89
440199 Orig	< 2	6	7	< 0.3	10.0	< 3	129	< 1	< 2	6.29	< 0.3	55	59	14	6.81	14	1	0.34	4.96	22	1260	< 1	1.68
440199 Split PREP DUP	< 2	6	9	< 0.3	9.83	< 3	129	< 1	< 2	6.25	0.3	56	55	12	6.87	16	< 1	0.34	4.91	22	1260	< 1	1.68
440203 Orig	3	11	10																				
440203 Dup	3	10	7																				
440209 Orig	< 2	< 5	< 5																				
440209 Dup	< 2	< 5	< 5																				
440215 Orig				< 0.3	9.36	< 3	179	< 1	< 2	7.05	< 0.3	34	91	72	6.17	17	< 1	0.55	3.30	15	1050	< 1	1.82
440215 Dup				< 0.3	9.14	< 3	182	< 1	< 2	7.10	< 0.3	34	104	70	6.10	17	< 1	0.55	3.34	15	1060	< 1	1.84
440227 Orig	< 2	< 5	6	< 0.3	8.53	< 3	50	< 1	< 2	5.78	0.4	71	56	30	7.60	12	< 1	0.17	6.78	15	1260	< 1	1.03
440227 Dup	< 2	< 5	5	< 0.3	8.67	< 3	50	< 1	< 2	5.78	< 0.3	72	86	31	7.67	12	< 1	0.18	6.82	15	1250	< 1	1.03
440243 Orig	< 2	6	< 5																				
440243 Dup	< 2	6	< 5																				
440248 Orig				< 0.3	11.7	< 3	137	< 1	< 2	6.66	0.3	48	20	8	5.20	14	< 1	0.42	4.10	27	834	< 1	1.86
440248 Dup				< 0.3	12.1	< 3	141	< 1	< 2	6.77	< 0.3	48	19	7	5.22	15	< 1	0.43	4.19	27	846	< 1	1.90
440249 Orig	< 2	5	6																				
440249 Dup	< 2	< 5	6																				
440251 Orig	< 2	< 5	< 5	< 0.3	9.70	< 3	525	3	< 2	4.57	< 0.3	24	35	57	5.21	22	< 1	1.40	2.13	23	1300	< 1	3.17
440251 Split PREP DUP	< 2	< 5	< 5	< 0.3	9.50	< 3	589	3	< 2	4.54	< 0.3	25	23	59	5.38	21	< 1	1.57	2.25	24	1290	< 1	3.12
Method Blank				< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	1	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01
Method Blank				< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01
Method Blank				< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01
Method Blank				< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1	1	< 1	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	35	0.055	24	< 5		15	178		0.08	< 5	< 10	34	< 5		102	31
SDC-1 Cert	38.0	0.0690	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
Oreas 72a (4 Acid Digest) Meas	5940				1.63											
Oreas 72a (4 Acid Digest) Cert	6930.000				1.74											
OREAS 101b (4 Acid) Meas	9	0.114	21						0.35		380	83		130		
OREAS 101b (4 Acid) Cert	8.2		23						0.35		387	77		133		
OREAS 98 (4 Acid) Meas			314	< 5	16.2										1300	
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360	
DNC-1a Meas	240		4	< 5		29	139		0.28			151		15	60	37
DNC-1a Cert	247		6.3	0.96		31	144		0.29			148		18.0	70	38.0
OREAS 13b (4-Acid) Meas	1980				1.14										123	
OREAS 13b (4-Acid) Cert	2247.000				1.2										133	
PK2 Meas																
PK2 Cert																
PK2 Meas																
PK2 Cert																
PK2 Meas																
PK2 Cert																
OREAS 904 (4 ACID) Meas	45	0.114	9	< 5	0.06	12	28			< 5	< 10	84	< 5	33	28	185
OREAS 904 (4 ACID) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	86		27	< 5		21	192		0.54	< 5	< 10	239	5	32	194	130
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 45d (4-Acid) Meas	234	0.038	26	< 5	0.04	50	30		0.20	< 5	< 10	118	< 5	11	44	76
OREAS 45d (4-Acid) Cert	231.0	0.042	21.8	0.82	0.049	49.30	31.30		0.773	0.27	2.63	235.0	1.62	9.53	45.7	141
OREAS 96 (4 Acid) Meas			94	< 5	4.34										454	
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457	
OREAS 923 (4 Acid) Meas	40	0.066	78	< 5	0.71	13	44		0.43	< 5	< 10	100	10	26	366	135
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	28	0.036	> 5000	29	4.45	6	70		0.19	< 5	< 10	36	< 5	12	> 10000	179
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
CDN-PGMS-30 Meas																
CDN-PGMS-30 Cert																
CDN-PGMS-30 Meas																
CDN-PGMS-30 Cert																
CDN-PGMS-30																

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Meas																
CDN-PGMS-30 Cert																
440158 Orig																
440158 Dup																
440164 Orig	83	0.046	7	< 5	0.02	44	63	< 2	0.28	< 5	< 10	264	< 5	22	118	44
440164 Dup	80	0.042	8	< 5	0.02	44	60	3	0.26	< 5	< 10	275	< 5	22	119	45
440169 Orig																
440169 Dup																
440174 Orig	366	0.011	< 3	< 5	< 0.01	13	236	< 2	0.11	< 5	< 10	75	< 5	4	72	18
440174 Dup	359	0.010	< 3	< 5	< 0.01	13	232	< 2	0.11	< 5	< 10	73	< 5	4	71	13
440175 Orig																
440175 Dup																
440185 Orig	69	0.034	40	< 5	< 0.01	41	56	< 2	0.37	< 5	< 10	254	< 5	15	359	63
440185 Dup	68	0.033	38	< 5	< 0.01	41	56	< 2	0.36	< 5	< 10	253	< 5	15	354	63
440193 Orig																
440193 Dup																
440198 Orig	76	0.021	< 3	< 5	0.01	18	230	< 2	0.24	< 5	< 10	128	< 5	8	39	16
440198 Dup	76	0.021	< 3	< 5	0.01	19	226	7	0.23	< 5	< 10	126	< 5	8	39	18
440199 Orig	342	0.018	< 3	< 5	< 0.01	17	193	< 2	0.21	< 5	< 10	114	< 5	7	102	17
440199 Split PREP DUP	343	0.018	< 3	< 5	< 0.01	16	189	< 2	0.22	< 5	< 10	112	< 5	7	103	18
440203 Orig																
440203 Dup																
440209 Orig																
440209 Dup																
440215 Orig	69	0.022	5	< 5	< 0.01	27	220	3	0.25	< 5	< 10	161	< 5	10	58	21
440215 Dup	69	0.021	4	< 5	< 0.01	28	214	5	0.22	< 5	< 10	155	< 5	10	57	21
440227 Orig	504	0.014	5	< 5	< 0.01	13	165	< 2	0.15	< 5	< 10	76	< 5	5	99	13
440227 Dup	505	0.014	5	< 5	< 0.01	13	169	7	0.15	< 5	< 10	77	< 5	5	99	12
440243 Orig																
440243 Dup																
440248 Orig	303	0.008	9	< 5	< 0.01	6	299	< 2	0.07	< 5	< 10	41	< 5	2	86	6
440248 Dup	307	0.008	10	< 5	< 0.01	6	308	< 2	0.07	< 5	< 10	43	< 5	2	86	6
440249 Orig																
440249 Dup																
440251 Orig	36	0.078	11	< 5	0.07	18	571	< 2	0.36	< 5	< 10	152	< 5	12	136	30
440251 Split PREP DUP	37	0.073	12	< 5	0.05	17	552	< 2	0.31	< 5	< 10	143	< 5	12	145	25
Method Blank	< 1	< 0.001	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
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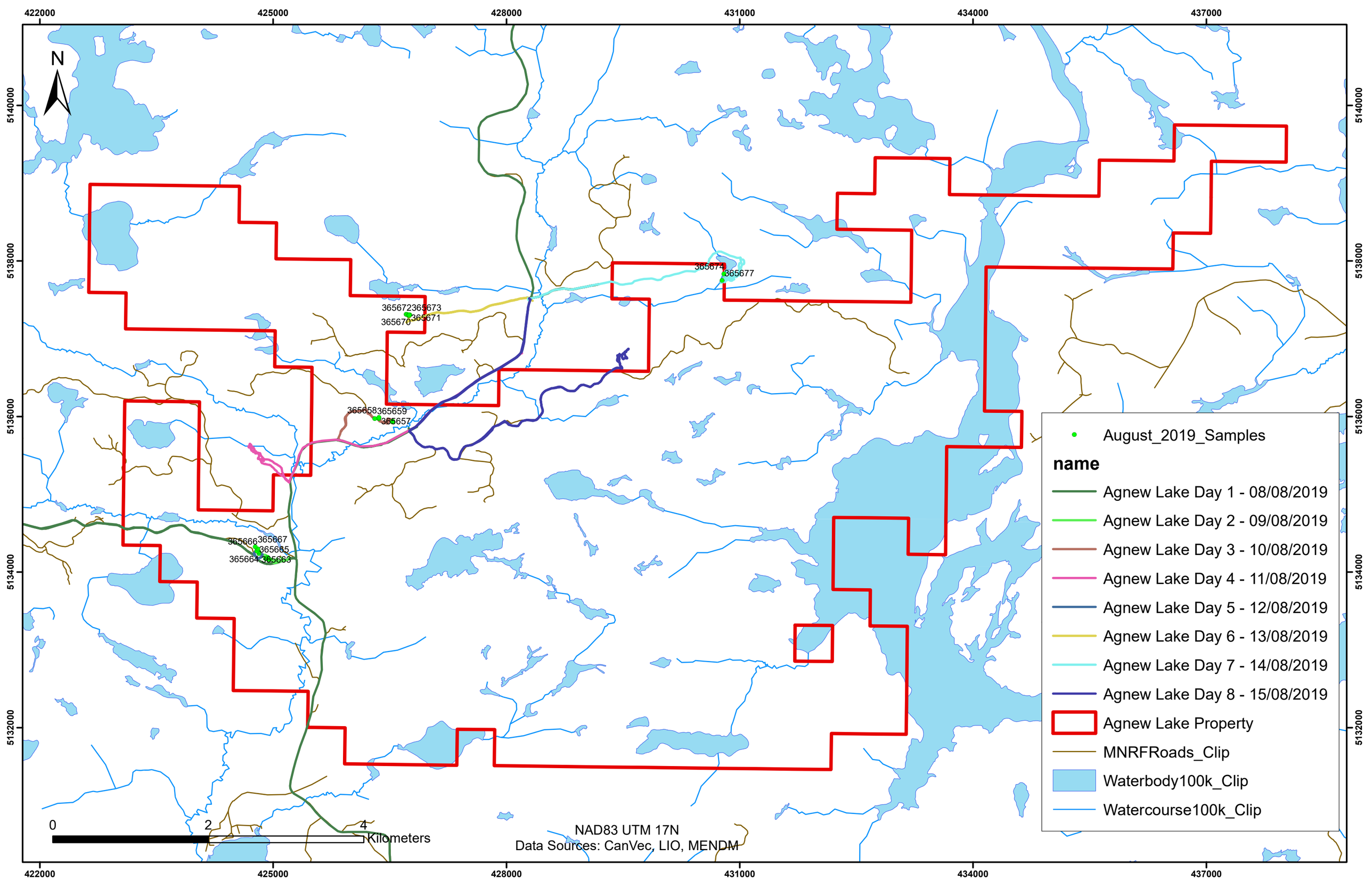
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Agnew Lake Day 2 - 09/08/2019
Agnew Lake Day 3 - 10/08/2019
Agnew Lake Day 4 - 11/08/2019
Agnew Lake Day 5 - 12/08/2019
Agnew Lake Day 6 - 13/08/2019
Agnew Lake Day 7 - 14/08/2019
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2
4
Kilometers
NAD83 UTM 17N
Data Sources: CanVec, LIO, MENDM

East Bull Daily Log – August 2019

Date	Activity	Claims
August 6	Drive to Massey	
August 7	Pick up N. Matysek in Sudbury, buy groceries, supplies	
August 8	Drive property and determine accesses	
August 9	Examine/prospect A Zone	
August 10	Examine/prospect B2 Zone	
August 11	Examine/prospect Bell Zone	
August 12	Examine/prospect A Zone	
August 13	Examine/prospect B Zone	
August 14	Examine/prospect D Zone	
August 15	Examine/prospect C Zone	
August 16	Move quads to East Bull – check roads	
August 17	Rain day – prepare maps for East Bull	
August 18	Examine/prospect area of regional faults	
August 19	Examine/prospect area of regional faults	
August 20	Drop off samples and N. Matysek in Sudbury	
August 21	Drive to Thunder Bay	

Certificate of Analysis
Work Order : SU1900538
[Report File No.: 0000022076]

Date: October 04, 2019

To: **COD SGS MINERALS - GEOCHEM LAKEFIELD**
185 CONCESSION ST
PO BOX 4300
LAKEFIELD ON K0L 2H0

P.O. No.: EAST BULL PROJECT - CLARK EXPLORATION
Project No.: _DEFAULT
Samples: 66
Received: Aug 20, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

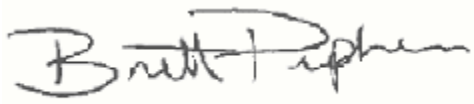
No. Of Samples	Method Code	Description
66	SHIP	Shipping
66	G_WGH79	Weighing of samples and reporting of weights
66	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
66	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml
66	GO_ICP90Q	@ICP-OES after Na2O2 fusion-Ore-Grade Analyses

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Sudbury site
Assays not suitable for commercial exchange.

Certified By : 

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

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 : SU1900538 Order: EAST BULL PROJECT - CLARK EXPLORATION

Report File No.: 0000022076

Element	WtKg	@Au	@Pt	@Pd	@Cu	@Ni
Method	G_WGH79	GE_FAI313	GE_FAI313	GE_FAI313	GO_ICP90Q	GO_ICP90Q
Det.Lim.	0.001	1	10	1	0.01	0.01
Units	kg	ppb	ppb	ppb	%	%
365701	0.751	13	38	52	0.02	0.03
365702	0.992	26	66	107	0.06	0.03
365704	0.905	11	129	148	0.03	0.02
365705	1.183	3	10	22	0.02	0.01
365706	0.896	2	13	16	<0.01	0.01
365707	0.863	2	14	12	<0.01	0.02
365708	1.009	3	13	12	<0.01	0.02
365709	0.767	3	21	24	<0.01	0.02
365710	1.088	<1	<10	21	<0.01	0.02
365711	1.390	6	<10	6	0.03	<0.01
365712	0.748	2	<10	14	<0.01	0.04
365713	1.028	1	<10	<1	<0.01	<0.01
365714	0.765	2	12	15	<0.01	0.03
365715	0.739	9	84	61	<0.01	0.02
365716	0.828	<1	31	9	<0.01	0.02
365717	0.915	1	12	6	<0.01	0.01
365718	0.961	<1	<10	5	<0.01	0.03
365719	0.626	2	10	7	<0.01	0.01
365720	1.249	1	<10	11	<0.01	0.01
365721	0.792	1	<10	4	<0.01	<0.01
365722	0.955	2	21	4	<0.01	0.01
365723	0.918	2	<10	7	<0.01	0.02
365724	0.937	3	<10	3	0.02	<0.01
365725	0.931	3	<10	2	0.02	0.01
365726	1.074	32	<10	2	0.08	0.02
365727	0.589	1	<10	5	<0.01	<0.01
365728	0.827	1	<10	2	<0.01	<0.01
365729	0.843	2	<10	7	<0.01	0.01
365730	0.740	<1	<10	3	<0.01	0.01
365731	0.717	3	11	16	<0.01	<0.01
365732	0.784	3	14	15	0.02	<0.01
365733	0.962	5	12	13	0.01	<0.01
365734	0.828	2	23	17	<0.01	<0.01
365735	0.715	6	19	13	<0.01	<0.01
365651	1.301	5	22	30	<0.01	0.03
*Dup 365651	<0.001	5	26	32	<0.01	0.03
365652	1.274	25	212	401	0.04	0.04
365653	1.042	<1	<10	34	<0.01	0.02
365654	1.880	9	85	107	<0.01	0.03
365655	0.956	1	44	93	<0.01	0.03

Final : SU1900538 Order: EAST BULL PROJECT - CLARK EXPLORATION

Report File No.: 0000022076

Element	WtKg	@Au	@Pt	@Pd	@Cu	@Ni
Method	G_WGH79	GE_FAI313	GE_FAI313	GE_FAI313	GO_ICP90Q	GO_ICP90Q
Det.Lim.	0.001	1	10	1	0.01	0.01
Units	kg	ppb	ppb	ppb	%	%
365656	1.032	<1	28	23	<0.01	0.01
365657	0.783	3	34	65	<0.01	0.03
365658	0.978	9	45	53	0.03	0.02
365659	1.075	2	14	37	<0.01	0.03
365660	1.810	<1	<10	3	<0.01	0.02
365661	1.021	<1	<10	2	<0.01	0.02
365662	1.067	<1	<10	10	<0.01	0.03
365663	0.500	377	479	348	0.79	0.27
365664	1.927	19	100	99	0.05	0.04
365665	0.852	1	<10	2	0.02	0.02
365666	0.830	1	16	10	<0.01	0.04
365667	1.623	<1	<10	2	<0.01	0.04
365668	1.474	1	<10	4	<0.01	0.02
365669	1.537	2	14	69	<0.01	<0.01
365670	0.907	2	<10	8	<0.01	<0.01
365671	1.427	612	11	21	0.03	0.09
365672	0.780	4	18	13	0.56	<0.01
365673	0.823	34	<10	11	0.22	<0.01
365674	1.200	1	<10	4	<0.01	0.03
365675	1.418	4	<10	9	<0.01	0.03
365676	1.181	2	<10	5	<0.01	0.02
365677	1.317	1	<10	2	<0.01	<0.01
365678	1.523	3	<10	2	<0.01	0.01
365679	0.943	5	<10	9	0.02	0.02
365680	0.688	8	<10	12	0.02	0.01
365681	1.195	8	<10	11	0.03	<0.01
365682	1.036	13	24	27	0.02	<0.01
*Rep 365717		<1	11	6		
*Rep 365670		4	<10	7		
*Std OREAS-684		254	3865	1721		
*Std OREAS-682		80	879	463		
*Blk BLANK		2	<10	1		
*Rep 365733					0.01	<0.01
*Rep 365681					0.03	<0.01
*Std MP-1B					3.10	<0.01
*Std GBW07237					0.72	<0.01
*Std MP-1B					3.16	<0.01
*Blk BLANK					<0.01	<0.01
*Blk BLANK					<0.01	<0.01

Frank Racicot & Terry Burns - Daily Log - Agnew Lake 2020		
Date	**Description**	**Area**
Jun-06	Investigated “A” zone and collected 11 grab samples (gabbro to anorthosite with disseminated sulphides). See sample sheet for descriptions.	Zone A: W of Main Westbranch Road
Jun-07	Traversed south of the “B” zone and collected 5 grab samples. Fine grained gabbro.	Zone B south of Pole Line: NW of Main Rd.
Jun-08	Traverse claim 553363. Felsite with disseminated sulphides.	NW of Main Road
Jun-09	Traverse claim 553397. gabbro to melanogabbro/leucogabbro with disseminated sulhides.	West and north of Stony Lake
Jun-10	Weather Day / Office	
Jun-11	Traverse claims 553541 & 553601. Anorthosite with specs of chalcopyrite.	On East Pole Line near 5138000 North
Jun-12	Traversed claims 553541, 553535, 553536. Gabbro to Melagabbro with local trace sulphides.	South of Pole Line
Jun-13	Reconnaissance for access west of Mong L	Mong Lake
Jun-14	Traversed claims 553451, 553496, 553504. Gabbro to pyroxenite with trace chalcopyrite.	North of Mong Lake
Jun-15	Traversed claims 553450, 553451, 553496. Anorthosite to gabbro/melagabbro.	North and West of Mong Lake
Jun-16	Check out access roads: recon	West of Camp Eleven Lake and Boundary Lake
Jun-17	Data Entry / Research	
Jun-18	Traversed claims 553531, 553490, 553491. Anorthosite with local fine grained gabbro and trace chalcopyrite.	North of Camp Eleven Lake
Jun-19	Traversed claims 553532, 553527. Amphibolite to gabbro, local varitextured gabbro	North of Camp Eleven Lake
Jun-20	Traversed claims 553490, 553491, 553531, 553532, 553529. Gabbro to Anorthosite.	North of Camp Eleven Lake
Jun-21	Reconnaissance for Trails	West Pole Line and west of Camp 11 Lake

Jun-22	Traversed claims 553441, 553435. Gabbro with local outcrops of anorthosite.	West of Camp Eleven Lake
Jun-23	Weather Day / Office	
Jun-24	Traversed claim 553363, 553364. Fine grained gabbro with trace pyrite.	West of B2 Zone
Jun-25	Traversed claim 553363, 553418, 553403. Fine to mendium grained gabbro. Local Varitextured gabbro.	East of A Zone and main road

June- 2020 Traverses by Frank Racicot At Agnew Lake For Cdn Pd