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THE STAG PROSPECT, NORTHWESTERN ONTARIO

GEOLOGICAL REPORT ON THE 2022 FIELDWORK

Thunder Bay Mining Division

Mooseland Lake Area
NTS 52 G/08A
N49° 15' 48.9'' and W90°01'51.5''
UTM Zone U15
716000E, 5461000N

for

Empire Metals Corp.
702-889 West Pender St.
Vancouver, B.C.
V6C 3B2

by

Molak B. B., PhD., PGeo (BC) and Richmond W. J.

January 13, 2023

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SUMMARY

The Stag Prospect ("SP") is a gold, base metal and/or platinum group element ("PGE") target situated approximately 95 km northwest of Thunder Bay in Northwestern Ontario. Empire Metals Corp acquired a 100% right, title and interest in and to the SP from W.J. Richmond in 2019 by making cash payment of $10,850 and issuing 100,000 common shares in its capital to Mr. Richmond. The SP is subject to a 1.0% net smelter returns royalty in favor of Mr. Richmond.

In 2022, Empire Metals Corp ("Empire") conducted a rock geochemistry program on the SP to locate and sample the alteration and/or oxidation zones within the greenstone, the mafic and/or ultramafic outcrops with a potential to host gold and/or PGE mineralization and the meta-sediments with the base metal mineralization. Collected samples were assayed in an accredited laboratory and the results confirm several zones with anomalous gold and/or base metal mineralization occur on the SP and further rock geochemistry work is recommended.

1. INTRODUCTION

Empire Metals Corp. ("Empire") acquired a 100% right, title and interest in and to the SP from W.J. Richmond in 2019 by making cash payment of $10,850 and issuing 100,000 common shares in its capital to Mr. Richmond. The SP is subject to a 1.0% net smelter returns royalty in favor of Mr. Richmond.

Empire retained the writers on September 10, 2022 to conduct prospecting, outcrop mapping and sampling on the SP and to prepare a report for filing. The first writer is a consulting geologist residing in Vancouver, BC, and a Professional Geoscientist with over fifty years of experience in geology, mineral exploration and research. The second writer is the former claim holder and a well-known prospector who prospected the area during the previous 3 decades. Subject to agreement with Empire, the writers consent to the filing of this report with the Provincial Mining Recorder Office, Ministry of Northern Development and Mines of Ontario.

1.1. Location and Access

The SP is situated approximately 95 kilometers northwest of Thunder Bay in Northwestern Ontario. The prospect lies within the Thunder Bay Mining Division (Figs. 1, 2) on the Map Sheet NTS 52 G08A and is centered at N49°15'48.9'' latitude and W90°01'51.5'' longitude, the UTM coordinates 716000E and 5461000N, zones U15 (NAD83). The access from Thunder Bay is by Highway 17 and then via all-weather Dog River Road for about 50 km north to Mau Road junction and further west and southwest using a network of more or less maintained logging roads.

Fig. 1: Stag Prospect, location map.

1.2. The Claims

The SP consists of 73 mining claims covering approximately 15 sq. kms (1500 hectares). The claim information as of September 21, 2022 is listed in Appendix 1. W. J. Richmond staked the SP claims in 2018 based on the occurrence of gossanous float and outcrops of altered greenstone, base-metal mineralized meta-sediments and mafic intrusive rocks with a potential to carry gold, base metal and/or PGE mineralization.

1.3. Topography, Vegetation and Local Resources

Topographic relief is moderately flat ranging from 475 meters to 490 meters above sea level. The area belongs to boreal forest eco-region characterized by numerous lakes and swamps. The area is characterized by hot summers with maximum temperatures of 38 ° C and cold, snowy winters, with minimum temperature of - 40 ° C. Mean annual precipitation is about 715 mm. The area is snow covered for up to 5.5 months per year. Relative humidity ranges from 50 per cent to 80 per cent and the prevailing winds in the area blow from the northwest.

The vegetation consists of mature stands of black spruce, jack pine, poplar and birch with moss covered regolith and little underbrush composed mainly of willow and Labrador teeth. Patchy areas of thick willow, alder and dwarf cedar bushes are common and usually represent slightly lower elevated areas or along old logging roads. Most of the area is covered by glacial till and no outcrops were found.

The city of Thunder Bay is the closest main centre that provides all services required to conduct mineral exploration. It includes an airport with daily flights to major Canadian cities, rail and an ocean connection via Great Lakes and St. Lawrence Seaway.

1.4. History

The mafic/ultra-mafic intrusive rocks of Northwestern Ontario were targeted for their copper – nickel - PGE potential since the 1950's. The greenstones, in turn, were targeted as the host rocks for gold mineralization, which was mined in a number of important mines.

In 1962, the Ontario Department of Mines in conjunction with the Geological Survey of Canada conducted an aeromagnetic survey in the area (ODM-GSC 1962). Ontario Geological Survey released the Bedrock Geology of Ontario, a geological map, west-central sheet at 1:1,000,000 scale (Map 2545) with Explanatory Notes and Legend (1991) and the Precambrian Geology Map P.2229 at 1:250,000 scale (Stone, 2010).

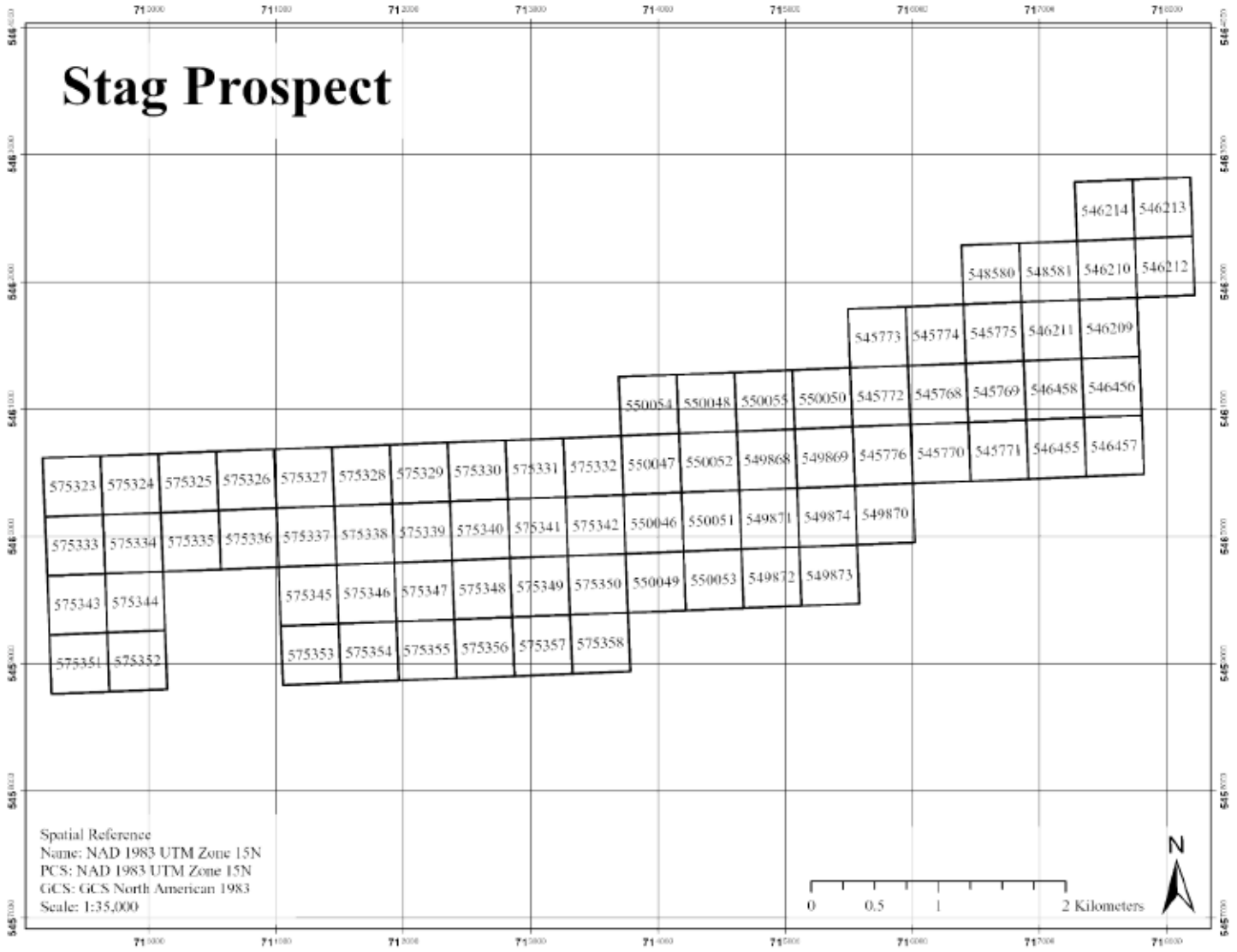

Fig.2: Stag Prospect, claim map.

W. J. Richmond staked the SP claims in 2018 based on the occurrence of greenstone and alteration zones and oxidation products ("gossanous material") indicating a potential for significant gold, base metal and/or mafic intrusive rocks ,PGE mineralization.

1.5. Regional Geology

The SP is located in the central Wabigoon Subprovince of Northwestern Ontario (Stone, 2010) and nearly the whole block is floored by the Heaven Lake greenstone belt ("HLGB"). HLGB (colored green in Fig. 3) attains a width of up to 5 km and extends easterly over a distance of 60 km at the east side of the central Wabigoon Subprovince area. Eastward, the HLGB broadens and is extensively blanketed by Proterozoic diabase sills of the Nipigon sill complex (Hart et al., 2001). Within the present area, the greenstone sequences of the HLGB are composed entirely of mafic metavolcanic flows with rare thin interflow iron formation. The mafic rocks are a mix of massive and pillowed flows with associated gabbro intrusions. Metamorphism is generally at amphibolite facies and the combination of metamorphism and deformation has promoted development of amphibole gneisses through most of the belt.

HLGB includes the Whitton and Whistle assemblages, the former occurring within the map area (Fig. 3). The Whitton assemblage, together with the Lumby North assemblage and Phyllis Lake greenstone belt, are the main components of the Whitton domain, a discontinuous strip of 2953 to 2963 Ma crust in the central Wabigoon Subprovince area. A felsic tuff and a quartz porphyritic dike from the Whitton assemblage have identical ages of 2953 Ma. Mafic metavolcanic rocks of the Whitton assemblage range compositionally from basaltic komatiite to basalt.

During the Quaternary period, which lasted approximately one million years, four major glaciations (the Nebraskan. Kansan. Illinoian and Wisconsinan) occurred, each lasting about 100.000 years (Sims and Baldwin, 1991). During Wisconsinan, virtually all of Canada was covered by ice and the glacial climax took place about 20,000 years ago. In parts of northwestern Ontario the ice was as much as 4,000 m thick and deglaciation was accompanied by isostatic, rebound process that continues until today. The total uplift is estimated at about 100 m near the northwestern Lake Superior shoreline.

1.6. Local Geology

The Precambrian Geology Map P.2229 at 1:250,000 scale (Stone, 2010) shows nearly whole SP block is underlain by the Mesoarchean HLGB (# 3 in Fig. 3), which attains a width of up to 5 km. It is comprised of mafic to ultramafic metavolcanic rocks including massive to pillowed flows, lapilli tuffs and minor intrusive rocks and derived schists and gneisses. Neo- to Mesoarchean biotite granodiorite to tonalite suite and granodiorite - granite suites (# 12 in Fig. 3), both weakly foliated, occur locally at the northwestern margin of the HLGB.

Mafic/ultramafic rocks represented by gabbro, rare peridotite, pyroxenite, hornblendite and lamprophyre (# 10 in Fig. 3) also floor the northwestern portion of the property.

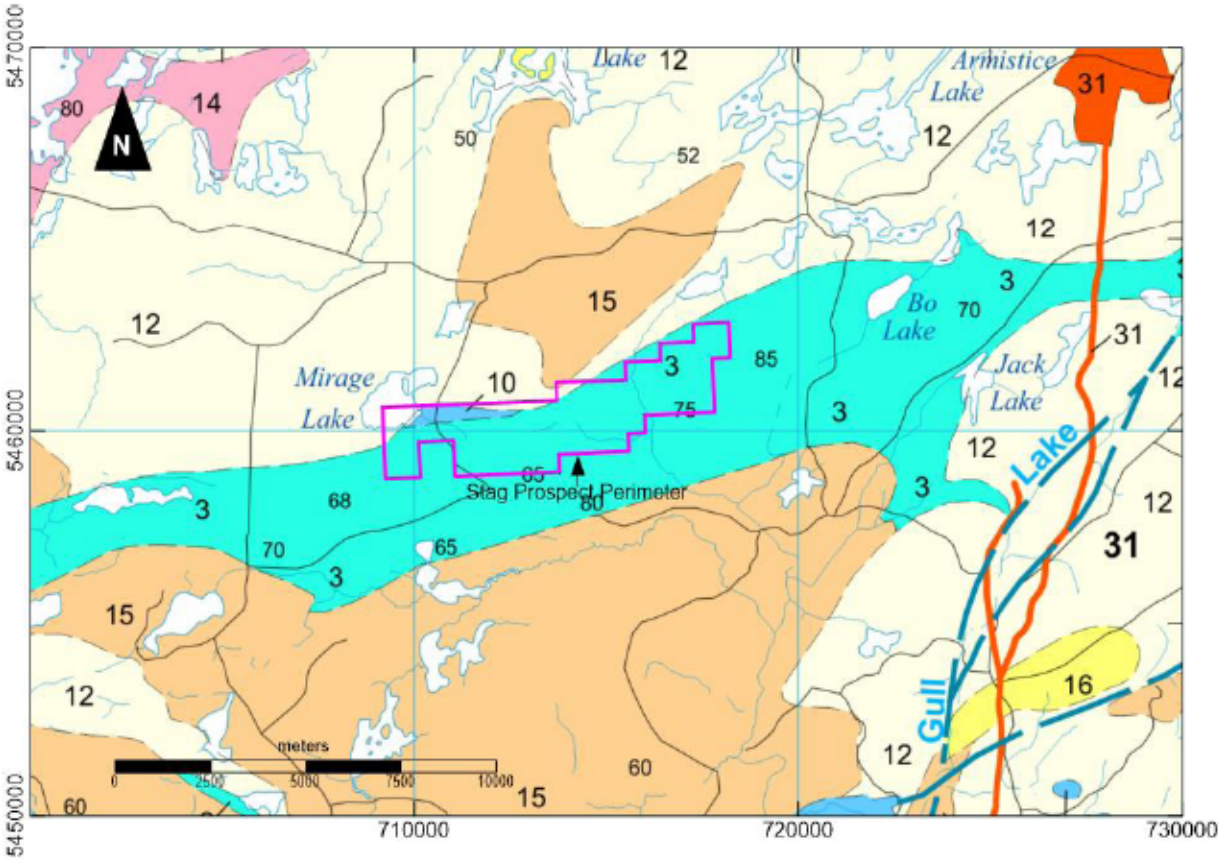

Fig. 3: Geological map with SP location; 3 – mafic to ultramafic metavolcanic rocks; 10 – mafic intrusive rocks; 12 – biotite tonalite suite; 14 – sanukitoid suite; 15 – biotite granite suite; 16 – hornblende tonalite to granite.

2. LITHO-GEOCHEMICAL SAMPLING AND PROSPECTING

The writers conducted the fieldwork on the SP on October 3 and 4, 2022 with a rationale to locate and sample the greenstone outcrops with sulfidic and/or oxidic (gossanous) manifestations, the mafic intrusive outcrops and the meta-sediments with a potential to host gold, PGE and/or base metal mineralization. Traversing, outcrop mapping and prospecting was conducted from Timberlake Resort in Shabaqua. The fieldwork took place in the western and eastern portions of the SP and a total of 11 rock samples were collected from outcrops. On October 5, 2022, the writers traveled to Thunder Bay to submit samples to Activation Laboratories for analysis. The sample locations with gold and PGE values are shown in Figs. 5 and 7 and the sample descriptions and assay certificates are attached as Appendices II and III at the back of this report. Sample statistics and correlations are presented in Tables 1 and 2, and the graphs for gold, palladium, platinum, copper, lead and zinc are in Figs. 9 and 10.

2.1. Itinerary

October 3, 2022: Geologist B. B. Molak (BM) and prospector W. J. Richmond (WR) drive to Stag Prospect to conduct traversing, outcrop mapping and prospecting on the claims 545768 and 546455. Their targets are greenstone outcrops with brown iron-oxidic stains, gossanous material and the quartz veins as indicators of notable mineralization (Fig. 5, 6). Seven samples #s 884835 to 884841 were collected, two of which are from a 20 cm wide shear zone with Fe-oxidic and sulfidic mineralization and the remaining five include greenstone with disseminated sulphidic mineralization and/or with mineralized quartz veins.

October 4, 2022: BM and WR drive from Shabaqua to Stag Prospect, then traverse the portions of the claim 575345 as shown on Figs. 7, 8 and collect two samples (884842, 884943) from the outcrop made of dark grey to black graphitic (?), foliated, folded, hornfelsified schist, with sulfidic bands, which are folded together with the host rock and some portions form massive sulfide lenses. The traverse continues westwards to the low-lying gabbroic outcrops with

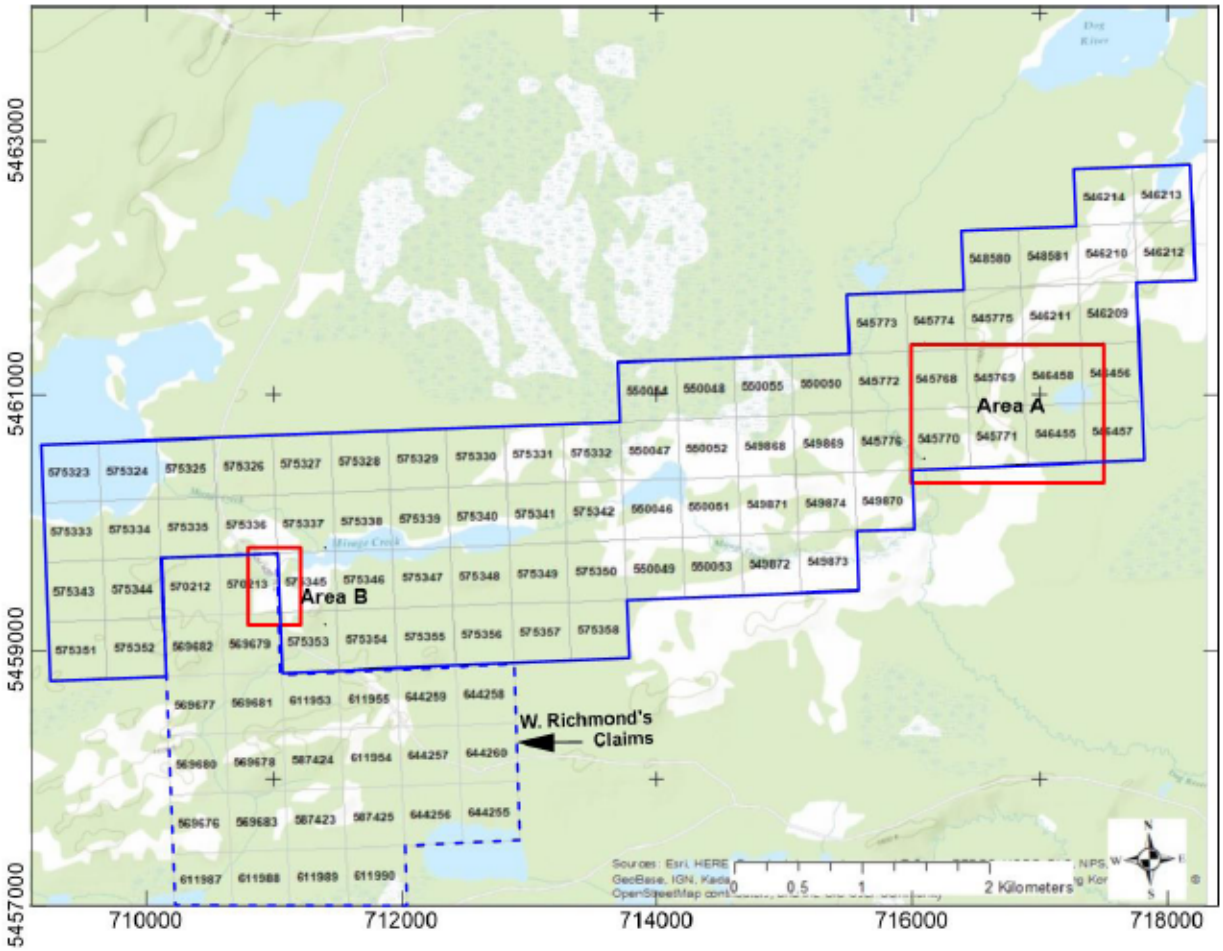

Fig. 4: Stag Claim Block (blue polygon) with 2022 fieldwork areas A and B (red rectangles).

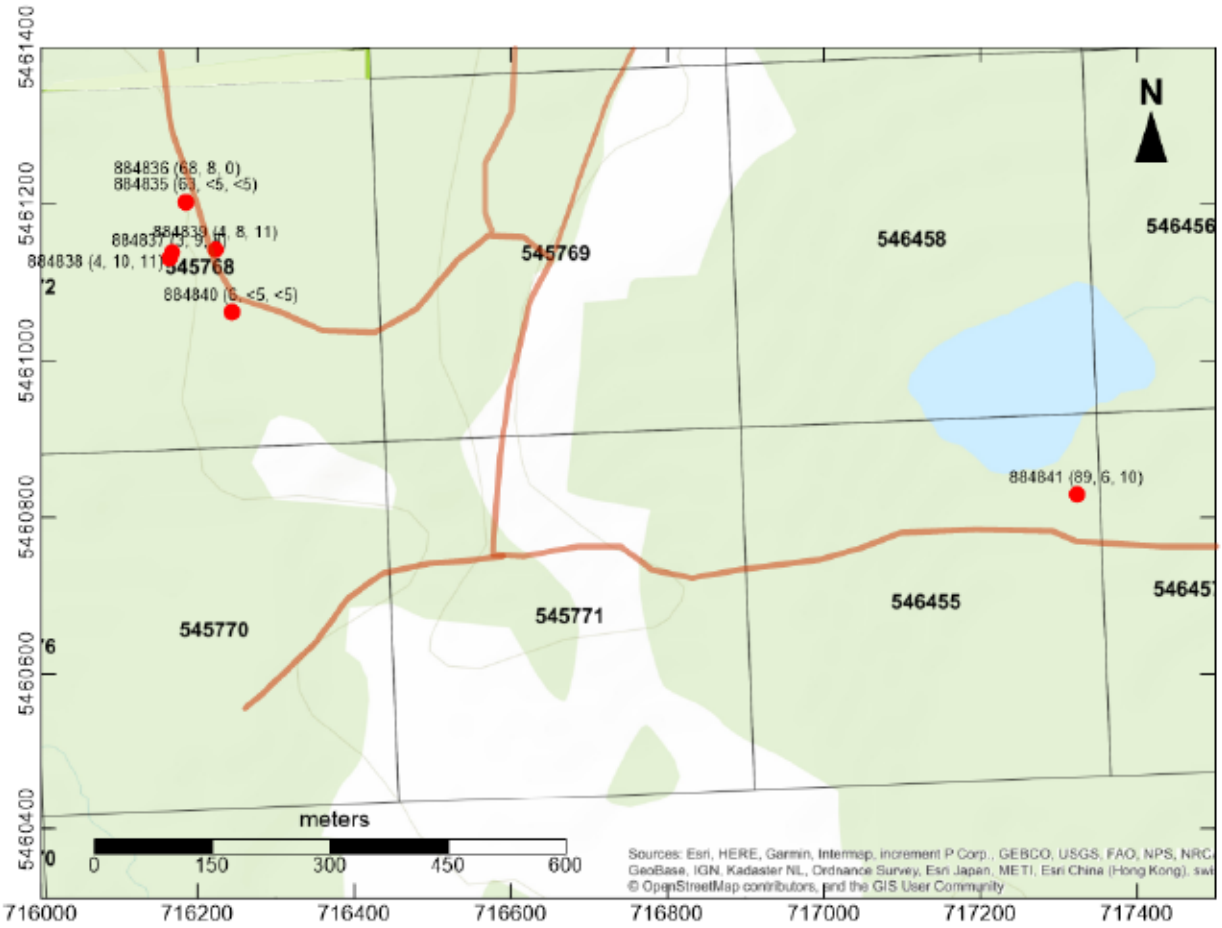

Fig. 5: Stag Prospect, Area A: sample locations with Au, Pd and Pt assays (all in ppb).

sparsely disseminated sulphides, which also occur on the fracture planes. Sample 884844 collected. The traverse then continues southeastwards to a low-lying ridge made of fine-grained gabbro with fine-grained sulfides on the fracture planes, sample 884845 collected.

October 5, 2022: BM and WR demobilize, travel to Thunder Bay to submit samples to Activation Laboratories for analysis.

October 6, 2022: BM returns to Vancouver via Toronto.

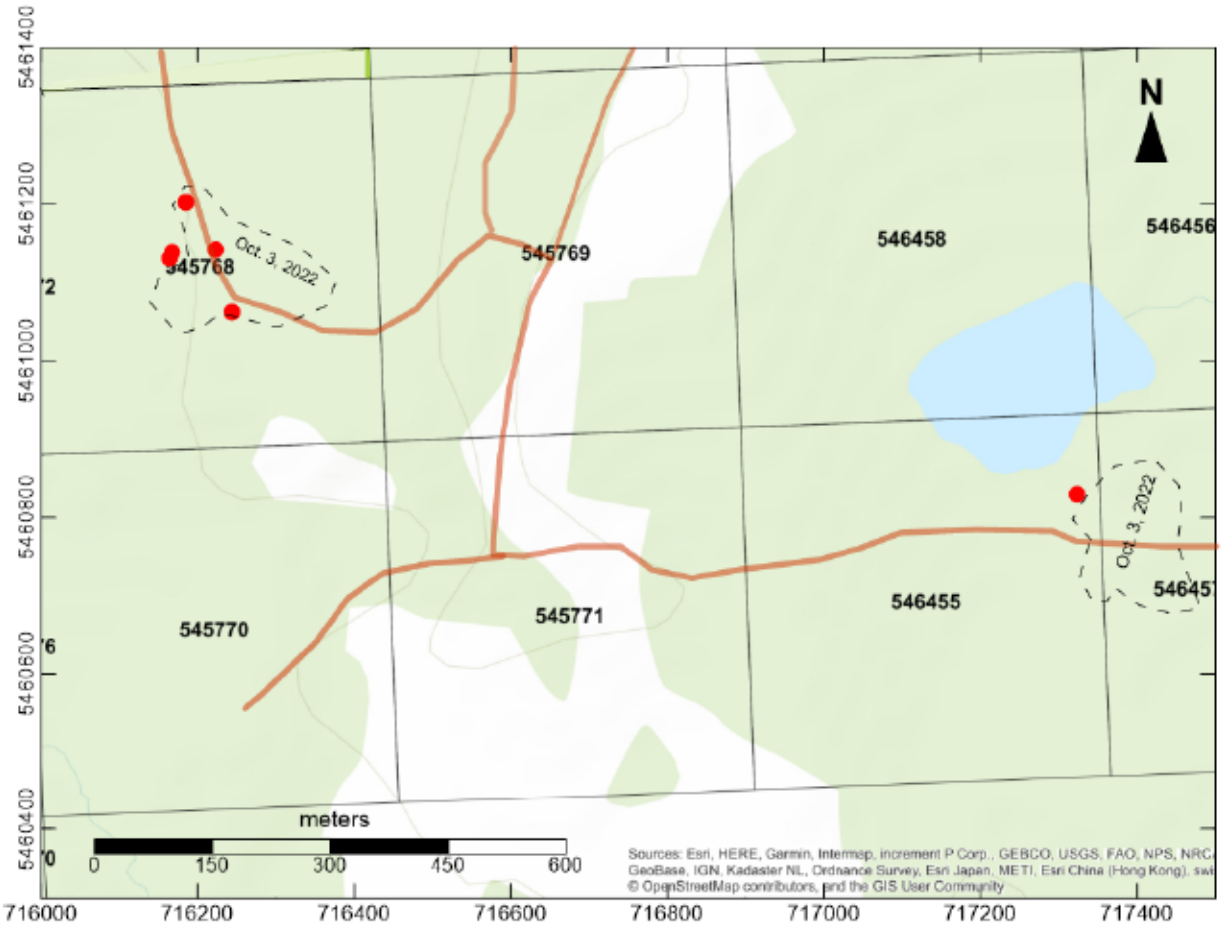

Fig. 6: Stag Prospect, Area A, traverse map.

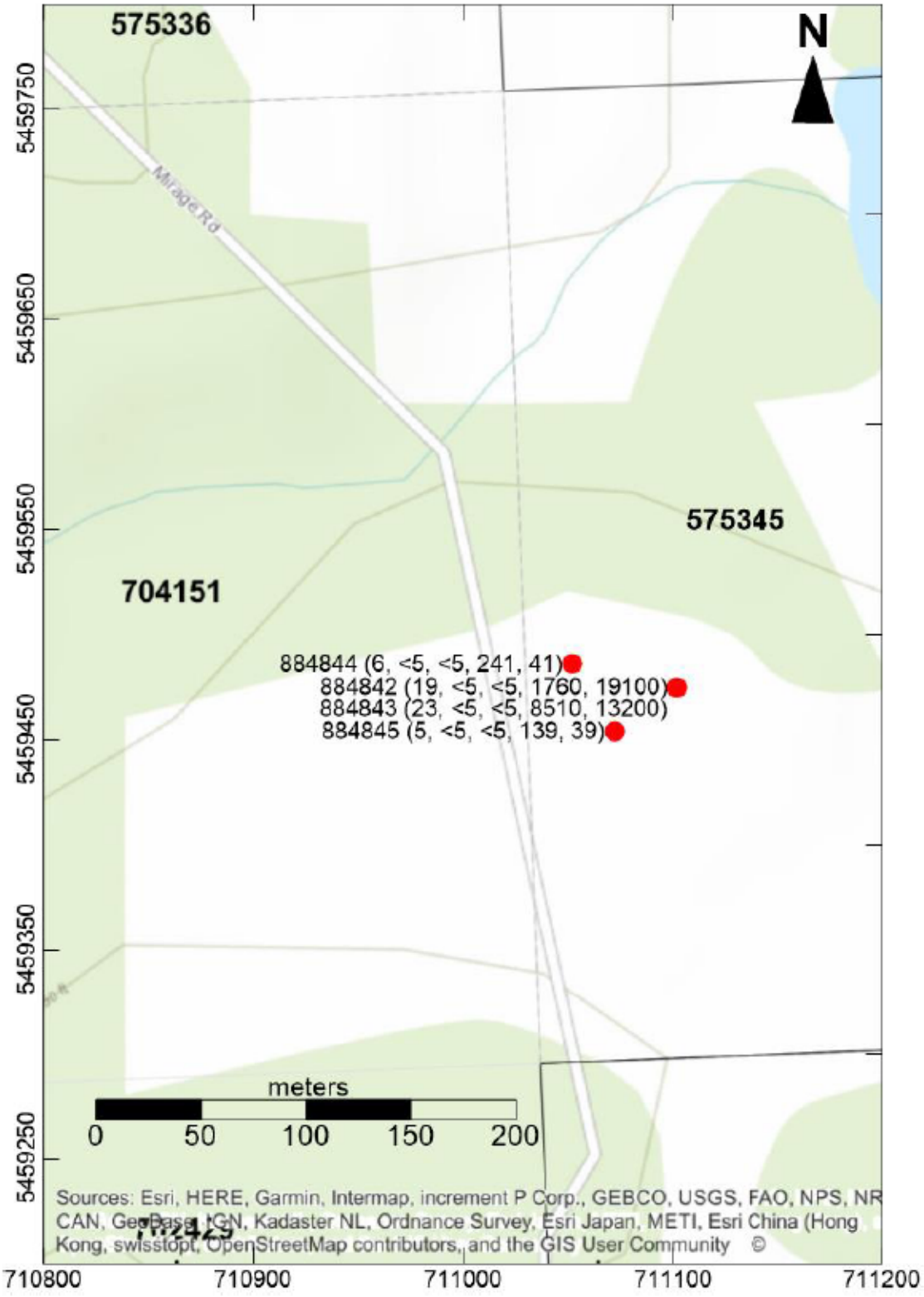

Fig. 7: Stag Prospect, Area B, sample locations with Au, Pd, Pt (in ppb), Cu and Zn assays (in ppm).

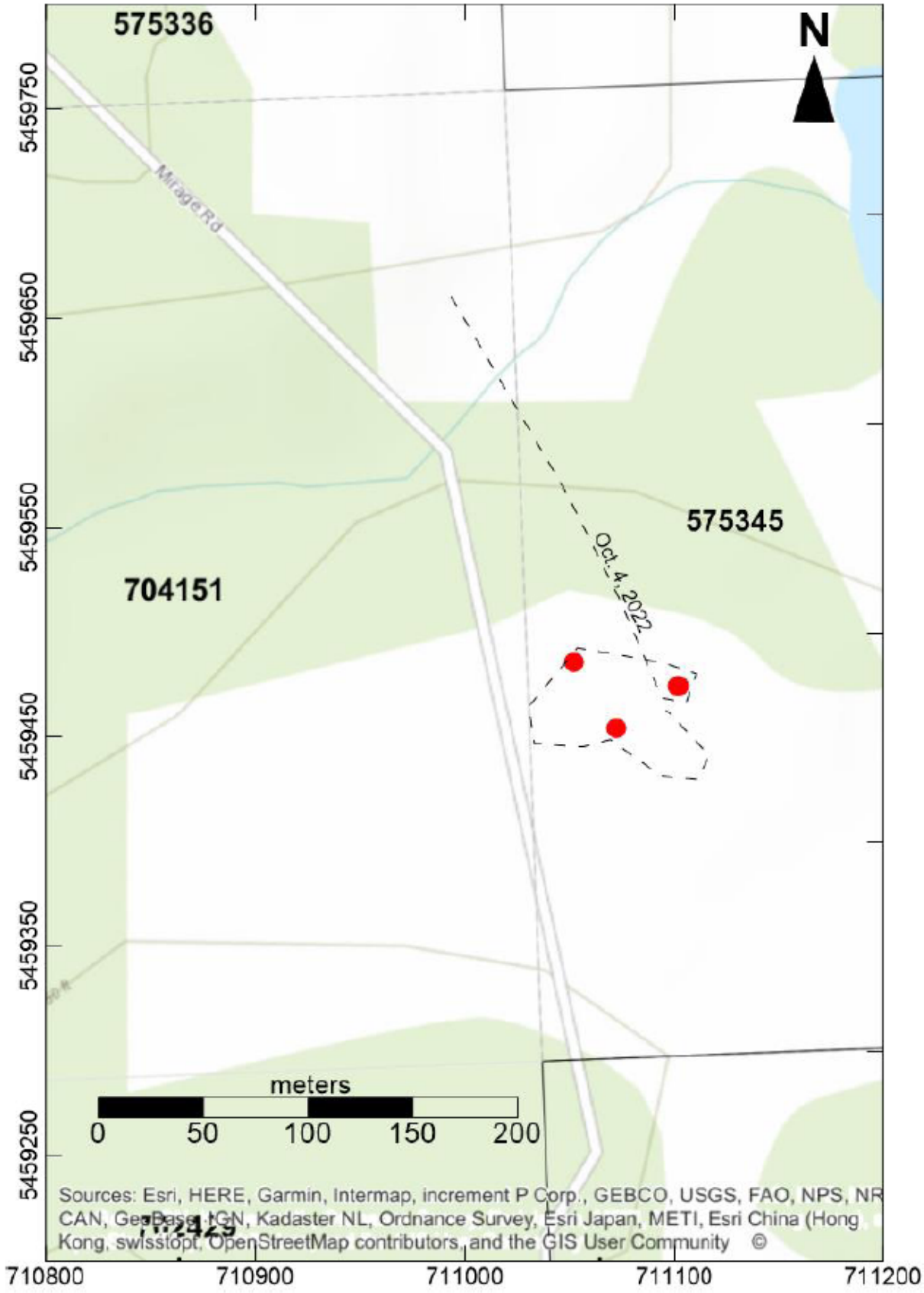

Fig. 8: Stag Prospect, Area B, traverse map.

2.2. Sampling Method and Analysis

Empire's 2022 field program on the SP included traversing, outcrop mapping and prospecting to locate greenstone, mafic intrusive and/or meta-sediment outcrops with visible mineralization and to collect samples for assays. In total, 11 rock chip samples were collected including greenstone with various amounts of disseminated sulphides, sheared greenstone with brown iron oxidation products and vein quartz with sulfidic minerals ± carbonate material, mafic intrusive rocks and base metal mineralized meta-sediments. Most samples were selective, with the sulfides either disseminated or on the fracture planes, some fresh, others to various degrees oxidized and locally grading to gossanous material. The sample locations were recorded using GPS (NAD 83, zone 15 U)

The rock samples were not modified after collection. The samples were placed in standard polypropylene bags, provided with tags with sample numbers, closed with flagging tape and the sampling site was flagged. After fieldwork, the writers personally dispatched samples from the SP to Activation Laboratories ("Actlabs") in Thunder Bay for analysis.

The sample locations with gold, palladium and platinum values are presented in Figs. 5 and 7. Copper and zinc are also shown in Fig. 7. Figs. 9 and 10 show the Pd, Pt, Au, Cu, Pb and Zn assays in graphic format. Sample descriptions with gold, PGE, copper, lead and zinc values are in Appendix II.

Actlabs is ISO 17025 and CAN-P-1579 accredited for specific registered tests and their quality system complies with international standards. The protocol for sample preparation involves drying, crushing, splitting, pulverizing and matting. If necessary, the samples are placed in a drying oven prior to preparation (approximately 50 ° C) until dry. The entire sample is prepared (RX1+1000) by crushing to a nominal minus 10 mesh (1.7 mm), mechanically split (riffle) to obtain a representative sample and then pulverized to at least 95% minus 150 mesh (106 microns).

Platinum, palladium and gold amounts are determined by the fire assay and ICP method (FA-ICP). The basic procedure for fire assay involves mixing an aliquot of powdered sample (10g, 15g, 30g, or 50g) with sodium carbonate, sodium borate, litharge (PbO), baking flour, silica and potassium nitrate. To this mixture, Ag as a collector can be added in solution or as a foil. The well mixed material is fired at temperatures ranging from 1100° C to 1200° C. The lead button is cupelled at 950° C in a magnesia cupel. A tiny Ag bead which contains Au, Pt and Pd can be dissolved and analyzed by ICP. The assay for 38 elements (AR-ICP) includes fusion with ICP. Two samples with zinc over limit were re-run using ICP-OES method to determine the zinc quantitatively.

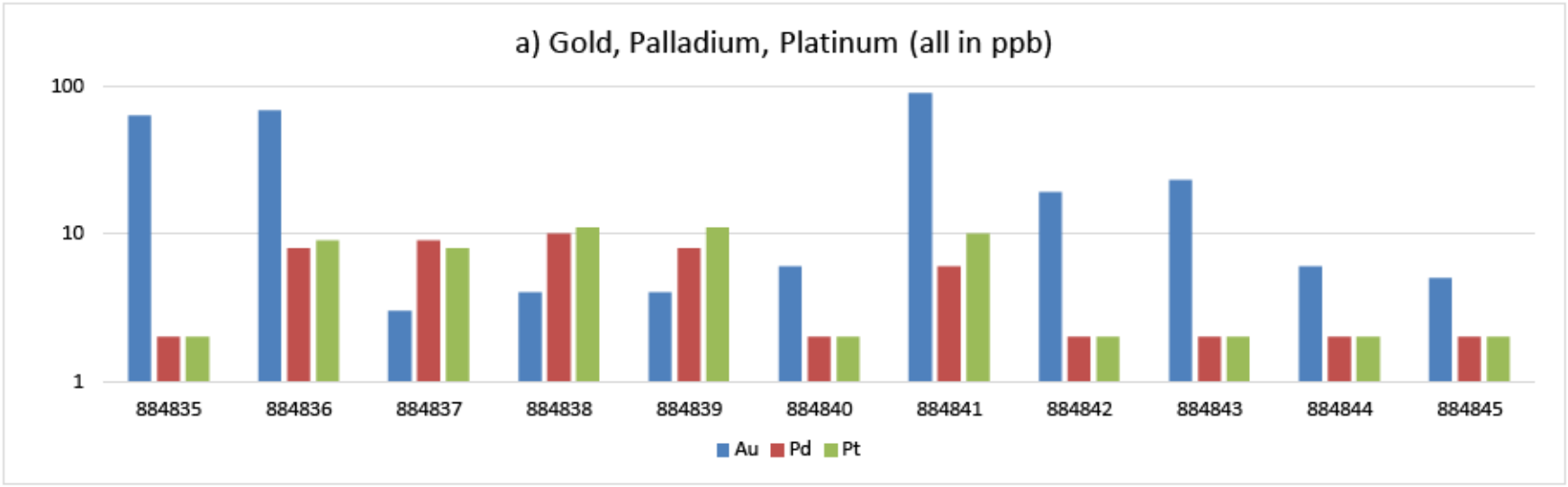

Fig. 9: Graph for gold, palladium and platinum.

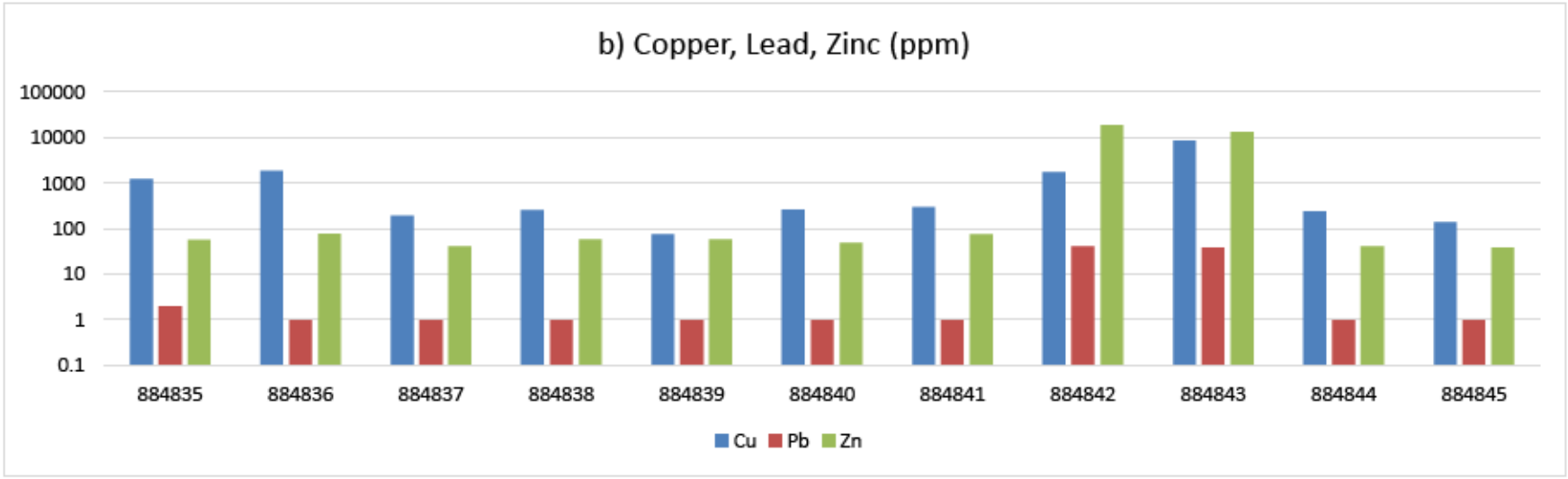

Fig.10: Graph for copper, lead and zinc.

Table 1: Summary statistics.

	Au	*Pd*	*Pt*	*Ag*	*Cd*	*Cu*	*Ni*	*Pb*	*Zn*	*Bi*	*Co*	*Cr*	*Fe*	*S*	*Zr*
Count	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mean	26.36	4.82	5.55	1.15	5.75	1345.82	76.18	8.18	2981.45	2.91	56.55	86.09	8.66	2.39	11.00
St. Error	9.49	1.02	1.25	0.67	3.78	743.80	23.97	4.75	2002.95	1.48	21.72	22.10	1.48	1.44	5.25
Median	6	2	2	0.1	0.2	261	64	1	58	1	24	92	7.35	0.18	3
St. Deviation	31.46	3.37	4.16	2.22	12.53	2466.89	79.51	15.74	6643.04	4.91	72.03	73.28	4.92	4.77	17.41
Kurtosis	-0.13	-1.88	-2.14	8.11	2.91	8.93	0.74	2.06	3.28	8.35	1.94	0.82	-0.72	2.07	2.17
Skewness	1.20	0.46	0.34	2.77	2.05	2.91	1.33	1.92	2.10	2.86	1.86	0.91	0.74	1.92	1.92
Range	86	8	9	7.4	35.2	8434	230	40	19061	16	196	242	13.98	12.45	47
Minimum	3	< 5	< 5	< 0.2	< 0.5	76	< 5	< 2	39	< 2	12	3	3.02	0.05	2
Maximum	89	10	11	7.5	35.4	8510	232	41	19100	17	208	245	17	12.5	49

Table 2: Correlation matrix.

	Au	*Pd*	*Pt*	*Ag*	*Cu*	*Pb*	*Zn*	*Fe*	*S*	*Ni*
Au	1.000									
Pd	0.022	1.000								
Pt	0.191	**0.943**	1.000							
Ag	0.053	-0.356	-0.370	1.000						
Cu	0.095	-0.309	-0.323	**0.991**	1.000					
Pb	-0.078	-0.420	-0.428	**0.820**	**0.743**	1.000				
Zn	-0.087	-0.404	-0.412	**0.713**	0.623	**0.985**	1.000			
Fe	0.481	-0.378	-0.320	0.537	0.482	0.634	0.635	1.000		
S	-0.051	-0.425	-0.434	**0.816**	**0.738**	**0.999**	**0.987**	0.664	1.000	
Ni	-0.094	-0.210	-0.159	**0.720**	0.640	**0.923**	**0.915**	0.506	**0.914**	1.000

0.5-0.707 | 25-49.9% | 0708-0.866 | 50-75% | >0.866 | >75%

Outcrop examination and the assays from Area A indicate the anomalous gold (63 to 89 ppb) is associated with a shear zone and/or with the quartz veins/lenses hosted by the greenstone. The PGEs in these samples are generally low, not exceeding 10 ppb Pd and 11 ppb Pt, respectively. Our previous work and whole rock assays results indicate the greenstone falls within the high iron tholeiite category and may have a potential to host the gold mineralization.

The mafic intrusive rocks in the western portion of the property have gabbroic composition and can be classified with the high iron, or high magnesium tholeiites and/or komatiites. Two dark to black graphitic schist (NeoArchean?) samples with rich sulphidic mineralization from Area B, (western portion of the SP) contain as much as 8510 ppm copper and as much as 19100 ppm zinc.

The correlations in Table 2 are based on only 11 assays and therefore are not robust enough for any reasonable interpretation. Nonetheless, the correlations among silver, copper, zinc, iron and nickel may indicate the mineral association chalcopyrite – sphalerite - pyrite and possibly pentlandite is present in the samples.

2.3. Quality Control

Actlabs perform the assays with an aim to obtain accuracy within 1 - 3% range as long as the analyte is greater than 100 times the detection limit of the method. For some elements that are more difficult to analyze, this may stretch to 5%.

For this project, Actlabs assayed Au, Pd and Pt in one sample duplicate (884836) and the comparisons are presented in Fig. 11. Standard Oreas 96 (AR) Meas vs Cert was measured 3 times for 30 elements while standard Oreas 98 (AR) Meas vs Cert was measured three times for Ag, Cu, Pb, Zn, Bi, Co and Sb.

Actlabs also measured standards OREAS 620 (AR), OREAS 922 (AR) and OREAS 923 (AR) for 34 elements.

Blanks used for this project returned gold slightly above detection limit (DL) while platinum and palladium values are below DL. Blanks for all other elements except boron and natrium are below DL.

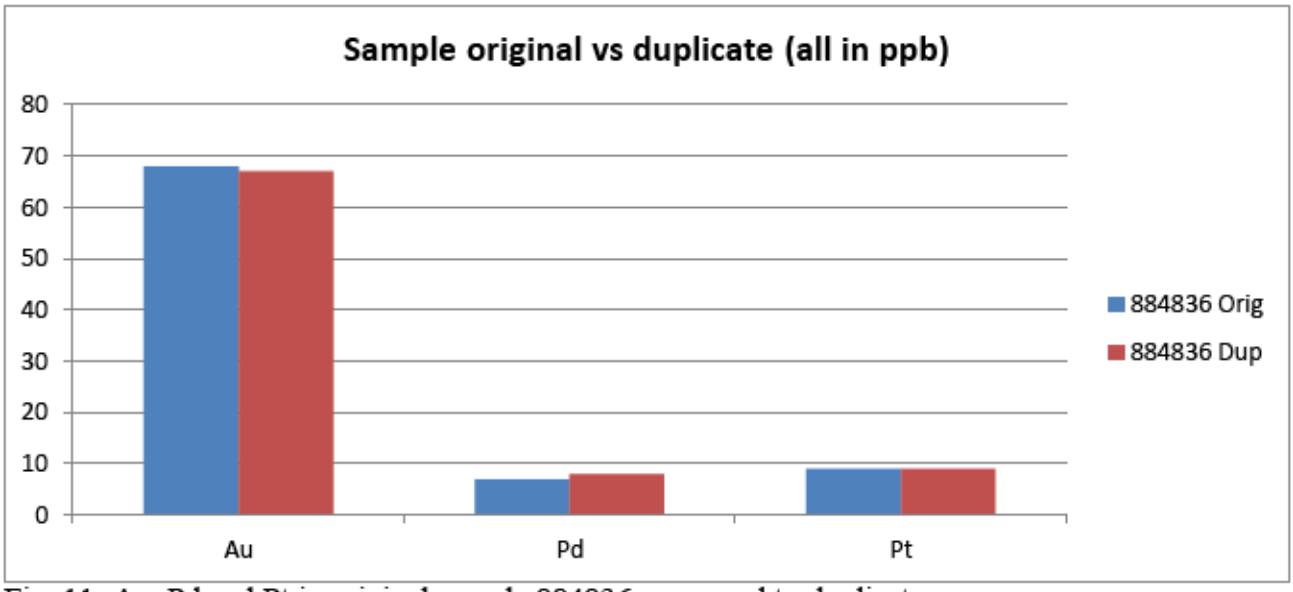

Fig. 11: Au, Pd and Pt in original sample 884836 compared to duplicate.

In conclusion we can state that the ActLabs' assays of 11 samples from SP, collected in 2022, are in most cases reproducible and within targeted limits and no notable discrepancies were noted between originals and repeats and/or between certified and measured standards. Blanks for Pd and Pt are all below DL, while blanks for gold are barely above DL. Blanks for all other elements but boron and natrium are below DL. Nevertheless, the assays and quality control made by Actlab for this project meet the industry standards and are sufficient for this stage of the project.

3. CONCLUSIONS AND RECOMMENDATIONS

Empire's 2022 fieldwork consisting of traversing, outcrop mapping, prospecting and rock sampling took place in the eastern and western portions of the SP. The rock exposure is relatively good, also thanks to recent logging operations. In total, 11 rock samples were collected and their locations, descriptions and precious, base metal and PGE assays are presented in this report. The rocks range from greenstone, gabbro (Meso-Archean to Neo-Archean) and black schist (NeoArchean?). The greenstone is frequently sheared and locally contains oxidation products (gossanous material). Conformable and/or intersecting quartz veins and/or lenses with sulfidic mineralization cut the greenstone in places. Three greenstone samples from Area A returned anomalous gold ranging from 63 to 89 ppb. Two of these samples are from a conformable shear zone 15-20 cm wide with sulfidic mineralization and one is a greenstone with conformable quartz lenses mineralized with disseminated sulfides ± gold. Palladium and platinum values are low, not exceeding 10 ppb in the former and 11 ppb in the latter.

The outcrops of gabbro with sparsely disseminated sulfides in the western part of SP indicate the mafic intrusive rock of tholeiite and/or komatiites category may extend further south than indicated on the geological map (Fig. 3). The extent, composition and PGE contents of these outcrops should be further investigated during the Empire's future work.

The black schist (NeoArchean?) outcrops in Area B contain vein-style or lentiform sulfidic mineralization. Two selective samples rich in sulfides returned as much as 8510 ppm (0.851 %) copper and as much as 19100 ppm (1.91 %) zinc. Gold in those two samples ranges from 19 to 23 ppb, whereas Pd and Pt are both below detection limits. The extent, composition and base and precious metal contents of these rocks should also be targeted during the Empire's future fieldwork.

Based on to-date results we recommend further outcrop mapping and sampling of the areas floored by the greenstone in the eastern and western portions of the SP claim block, the areas floored by the mafic intrusive rocks in the western portion and the black schists in the northwestern portion of the claim block to determine their extents, their PGE potential and/or the base/precious metal contents, respectively.

Proposed Budget

Fieldwork	Days	Fees/day	Amount
Geologist (QP)	8	$ 800.00	$ 6,400.00
Geologist (QP)	8	$ 800.00	$ 6,400/00
Prospector	8	$ 350.00	$ 2,800.00
Assistant	8	$ 300/00	$ 2,400.00
Truck rental, gas (all-in)	8	$ 150.00	$ 1,200.00
Accommodation and meals	8	$ 600.00	$ 4,800.00
Assays (60 rock samples @ $50.00/assay)			$ 3,000.00
Report preparation (10%)	6	$ 450.00	$ 2,700.00
Total			**$30,000.00**

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6. STATEMENT OF QUALIFICATIONS

I, Bohumil (Boris) Molak, Ph.D., P.Geo (BC) do hereby certify that:

I am a Professional Geoscientist residing at 908, 9025 Highland Court, Burnaby, V5A 0A8, B.C., Canada.

I am a member of the Engineers and Geoscientists of British Columbia (License No. 28600) in good standing.

I graduated from the Comenius University of Bratislava, Czechoslovakia, with a Bachelor of Science (Mag.) in Economic Geology in 1970. From the same university I obtained in 1980 the title Master of Science in Economic Geology (RNDr.) and in 1990 the title Doctor of Philosophy (CSc.). I have practiced my profession continuously since 1970.

Since 1970 I have been involved in the geological prospecting, exploration and research projects on precious, base and ferrous metals and industrial minerals in Czechoslovakia, Canada, Zambia, Cuba, Guinea, Bulgaria, Chile and Argentina.

Since 2003 until present I am a self-employed consulting geologist.

I conducted litho-geochemical sampling program on the Stag Prospect from October 3, 2022 to October 4, 2022.

I am responsible for all items in this report except the item "IN ACCOUNT WITH", which was prepared by Xyquest Mining Corp. The sources of all information not based on personal examination are quoted in the references item. The information provided by other parties is to the best of my knowledge correct.

As of the date of this Statement I am not aware of any material fact or material change with respect to the subject matter of this report that is not reflected in this report, the omission of which would make the report misleading.

I am independent of Empire Metals Corp.

Dated at Vancouver, BC, Canada, this the 13th day of January, 2023.

7. STATEMENT OF QUALIFICATIONS

I, William J. Richmond do hereby certify that:

I am a Prospector residing at # 413 Lillian Street, Thunder Bay, ON, Canada.

I am a holder of Permanent Prospector's License.

From 1970 to 1991 I completed the courses as follows: Natural Resources Course at Hammarskjold High School, Thunder Bay, Grades 11-12, Geology, Mineralogy; baseline cutting; claim staking; geophysics; mineral prospecting.

From 1988 to 1998 I optioned the following properties: Smiley Lake Property (to John North of Newnorth Exploration, Toronto, ON); Clive Brooks (to Home Ventures, Vancouver, BC); East Dog River Property; Mirage Lake Property.

From 1992 to 1997 I conducted the OPAP programs on the Dog River, Orbit Buck Lake, Mirage Lake and Buck Lake prospects.

I took part in the litho-geochemical sampling program on the Stag Prospect on October 3, 4, 2022.

Dated at Thunder Bay, ON, Canada, this the 13th day of January, 2023.

APPENDIX I

Stag Prospect, Claims List

#	Township / Area	Tenure ID	Tenure Type	Anniversary Date
1	MOOSELAND LAKE AREA	550050	Single Cell Mining Claim	2023-05-17
2	MOOSELAND LAKE AREA	550051	Single Cell Mining Claim	2023-05-17
3	MOOSELAND LAKE AREA	550052	Single Cell Mining Claim	2023-05-17
4	MOOSELAND LAKE AREA,SHARP LAKE AREA	550053	Single Cell Mining Claim	2023-05-17
5	MOOSELAND LAKE AREA	550054	Single Cell Mining Claim	2023-05-17
6	MOOSELAND LAKE AREA	550055	Single Cell Mining Claim	2023-05-17
7	MOOSELAND LAKE AREA	575323	Single Cell Mining Claim	2024-02-04
8	MOOSELAND LAKE AREA	575324	Single Cell Mining Claim	2024-02-04
9	MOOSELAND LAKE AREA	575325	Single Cell Mining Claim	2024-02-04
10	MOOSELAND LAKE AREA	575326	Single Cell Mining Claim	2024-02-04
11	MOOSELAND LAKE AREA	575327	Single Cell Mining Claim	2024-02-04
12	MOOSELAND LAKE AREA	575328	Single Cell Mining Claim	2024-02-04
13	MOOSELAND LAKE AREA	575329	Single Cell Mining Claim	2024-02-04
14	MOOSELAND LAKE AREA	575330	Single Cell Mining Claim	2024-02-04
15	MOOSELAND LAKE AREA	575331	Single Cell Mining Claim	2024-02-04
16	MOOSELAND LAKE AREA	575332	Single Cell Mining Claim	2024-02-04
17	MOOSELAND LAKE AREA	575333	Single Cell Mining Claim	2024-02-04
18	MOOSELAND LAKE AREA	575334	Single Cell Mining Claim	2024-02-04
19	MOOSELAND LAKE AREA	575335	Single Cell Mining Claim	2024-02-04
20	MOOSELAND LAKE AREA	575336	Single Cell Mining Claim	2024-02-04
21	MOOSELAND LAKE AREA	575337	Single Cell Mining Claim	2024-02-04
22	MOOSELAND LAKE AREA	575338	Single Cell Mining Claim	2024-02-04
23	MOOSELAND LAKE AREA	575339	Single Cell Mining Claim	2024-02-04
24	MOOSELAND LAKE AREA	575340	Single Cell Mining Claim	2024-02-04
25	MOOSELAND LAKE AREA	575341	Single Cell Mining Claim	2024-02-04
26	MOOSELAND LAKE AREA	575342	Single Cell Mining Claim	2024-02-04
27	MOOSELAND LAKE AREA,SHARP LAKE AREA	575343	Single Cell Mining Claim	2024-02-04
28	MOOSELAND LAKE AREA,SHARP LAKE AREA	575344	Single Cell Mining Claim	2024-02-04
29	MOOSELAND LAKE AREA,SHARP LAKE AREA	575345	Single Cell Mining Claim	2024-02-04
30	MOOSELAND LAKE AREA,SHARP LAKE AREA	575346	Single Cell Mining Claim	2024-02-04
31	MOOSELAND LAKE AREA,SHARP LAKE AREA	575347	Single Cell Mining Claim	2024-02-04
32	MOOSELAND LAKE AREA,SHARP LAKE AREA	575348	Single Cell Mining Claim	2024-02-04
33	MOOSELAND LAKE AREA,SHARP LAKE AREA	575349	Single Cell Mining Claim	2024-02-04
34	MOOSELAND LAKE AREA,SHARP LAKE AREA	575350	Single Cell Mining Claim	2024-02-04
35	MOOSELAND LAKE AREA,SHARP LAKE AREA	575351	Single Cell Mining Claim	2024-02-04
36	MOOSELAND LAKE AREA,SHARP LAKE AREA	575352	Single Cell Mining Claim	2024-02-04
37	MOOSELAND LAKE AREA,SHARP LAKE AREA	575353	Single Cell Mining Claim	2024-02-04
38	MOOSELAND LAKE AREA,SHARP LAKE AREA	575354	Single Cell Mining Claim	2024-02-04
39	MOOSELAND LAKE AREA,SHARP LAKE AREA	575355	Single Cell Mining Claim	2024-02-04

40	MOOSELAND LAKE AREA,SHARP LAKE AREA	575356	Single Cell Mining Claim	2024-02-04
41	MOOSELAND LAKE AREA,SHARP LAKE AREA	575357	Single Cell Mining Claim	2024-02-04
42	MOOSELAND LAKE AREA,SHARP LAKE AREA	575358	Single Cell Mining Claim	2024-02-04
43	MOOSELAND LAKE AREA	545768	Single Cell Mining Claim	2024-03-11
44	MOOSELAND LAKE AREA	545769	Single Cell Mining Claim	2024-03-11
45	MOOSELAND LAKE AREA	545770	Single Cell Mining Claim	2024-03-11
46	MOOSELAND LAKE AREA	545771	Single Cell Mining Claim	2024-03-11
47	MOOSELAND LAKE AREA	545772	Single Cell Mining Claim	2024-03-11
48	MOOSELAND LAKE AREA	545773	Single Cell Mining Claim	2024-03-11
49	MOOSELAND LAKE AREA	545774	Single Cell Mining Claim	2024-03-11
50	MOOSELAND LAKE AREA	545775	Single Cell Mining Claim	2024-03-11
51	MOOSELAND LAKE AREA	545776	Single Cell Mining Claim	2024-03-11
52	MOOSELAND LAKE AREA	546209	Single Cell Mining Claim	2024-03-25
53	MOOSELAND LAKE AREA	546210	Single Cell Mining Claim	2024-03-25
54	MOOSELAND LAKE AREA	546211	Single Cell Mining Claim	2024-03-25
55	ARMISTICE LAKE AREA,MOOSELAND LAKE AREA	546212	Single Cell Mining Claim	2024-03-25
56	ARMISTICE LAKE AREA,MOOSELAND LAKE AREA	546213	Single Cell Mining Claim	2024-03-25
57	MOOSELAND LAKE AREA	546214	Single Cell Mining Claim	2024-03-25
58	MOOSELAND LAKE AREA	546455	Single Cell Mining Claim	2024-03-28
59	MOOSELAND LAKE AREA	546456	Single Cell Mining Claim	2024-03-28
60	MOOSELAND LAKE AREA	546457	Single Cell Mining Claim	2024-03-28
61	MOOSELAND LAKE AREA	546458	Single Cell Mining Claim	2024-03-28
62	MOOSELAND LAKE AREA	548580	Single Cell Mining Claim	2024-04-15
63	MOOSELAND LAKE AREA	548581	Single Cell Mining Claim	2024-04-15
64	MOOSELAND LAKE AREA	549868	Single Cell Mining Claim	2024-05-13
65	MOOSELAND LAKE AREA	549869	Single Cell Mining Claim	2024-05-13
66	MOOSELAND LAKE AREA	549870	Single Cell Mining Claim	2024-05-13
67	MOOSELAND LAKE AREA	549871	Single Cell Mining Claim	2024-05-13
68	MOOSELAND LAKE AREA,SHARP LAKE AREA	549872	Single Cell Mining Claim	2024-05-13
69	MOOSELAND LAKE AREA,SHARP LAKE AREA	549873	Single Cell Mining Claim	2024-05-13
70	MOOSELAND LAKE AREA	549874	Single Cell Mining Claim	2024-05-13
71	MOOSELAND LAKE AREA	550046	Single Cell Mining Claim	2024-05-17
72	MOOSELAND LAKE AREA	550047	Single Cell Mining Claim	2024-05-17
73	MOOSELAND LAKE AREA	550048	Single Cell Mining Claim	2024-05-17
74	MOOSELAND LAKE AREA,SHARP LAKE AREA	550049	Single Cell Mining Claim	2024-05-17

APPENDIX II

Sample Descriptions with Au, Pd, Pt, Cu, Pb and Zn Assays

Tag #	Easting	Northing	Elev (m)	Date	Description	Au	Pd	Pt	Cu	Pb	Zn
884835	716185	5461203	476	03-Oct-22	Greenstone, folded, shear zone 15-20 cm wide, oxidized, some fresh sulfides	63	< 5	< 5	1240	2	57
884836	716185	5461203	476	03-Oct-22	Greenstone, folded, shear zone 15-20 cm wide, oxidized, some fresh sulfides	68	8	9	1840	< 2	78
884837	716164	5461131	461	03-Oct-22	Greenstone, folded, sheared, brown oxidic stains, quartz veinlets	3	9	8	189	< 2	41
884838	716167	5461138	468	03-Oct-22	Low-lying ridge, sheared fractured greenstone with brown oxides on fractures	4	10	11	253	< 2	58
884839	716223	5461142	474	03-Oct-22	Low-lying ridge, chloritized greenstone, biotite, diss sulfides 1-2%	4	8	11	76	< 2	58
884840	716243	5461062	476	03-Oct-22	Small greenstone outcrop, gabbroic, Fe-ox patinas on fractures	6	< 5	< 5	261	< 2	48
884841	717323	5460829	470	03-Oct-22	Low-lying ridge, chloritized greenstone, quartz lenses along foliation, diss sulf 2-3%	89	6	10	295	< 2	76
884842	711102	5459475	475	04-Oct-22	Outcrop, graphitic schist, hornfelsic (?), massive sulfide lense, prt, sphalerite	19	< 5	< 5	1760	41	19100
884843	711101	5459475	475	04-Oct-22	Outcrop, graphitic schist, folded, sulfide bands folded with host rock, prt, sphalerite	23	< 5	< 5	8510	39	13200
884844	711052	5459486	484	04-Oct-22	Outcrop, dark grey medium gr gabbro, some plg, rare sulf diss and on fracture planes	6	< 5	< 5	241	< 2	41
884845	711072	5459454	483	04-Oct-22	Low-lying ridge made of fine gr gabbro, rare sulf disseminated or on fracture planes	5	< 5	< 5	139	< 2	39

Abbreviations: diss – disseminated; Fe-ox – iron oxide; gr – grained; plg – plagioclase; prt – pyrite; sulf – sulphides; vnlt- veinlets; Au, Pd and Pt in ppb, Cu, Pb, Zn in ppm.

APPENDIX III

Assay Certificates

Quality Analysis ... **Actlabs** *Innovative Technologies*

Report No.: A22-14505
Report Date: 22-Nov-22
Date Submitted: 06-Oct-22
Your Reference: Stag Prospect

Xyquest Mining
702-889 W. Pender Street
Vancouver BC V5C 3B2
Canada

ATTN: Boris Molak

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Tbay	QOP PGE-OES (Fire Assay ICPOES)	2022-10-25 15:18:06
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-11-03 19:11:53
8-AR Tbay	QOP Assay (Code 8-Assays)	2022-11-21 13:07:00

REPORT **A22-14505**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

SCC Accredited LAB Accréditié CCN TM

LabID: 673

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
884835	63	< 5	< 5	1.1	< 0.5	1240	945	< 1	11	2	57	1.20	< 2	18	38	< 0.5	< 2	1.16	24	56	17.0	10	2
884836	68	8	9	1.1	< 0.5	1840	1520	< 1	21	< 2	78	2.37	2	20	68	< 0.5	< 2	2.01	17	104	8.36	< 10	< 1
884837	3	9	8	< 0.2	< 0.5	189	645	3	38	< 2	41	1.38	< 2	20	48	< 0.5	< 2	1.42	16	92	4.27	< 10	< 1
884838	4	10	11	< 0.2	< 0.5	253	1310	1	66	< 2	58	2.75	< 2	19	18	< 0.5	< 2	2.60	31	123	6.57	< 10	< 1
884839	4	8	11	< 0.2	< 0.5	76	1030	< 1	94	< 2	58	3.72	8	21	89	< 0.5	< 2	2.86	41	159	5.78	< 10	< 1
884840	6	< 5	< 5	< 0.2	< 0.5	261	863	< 1	2	< 2	48	2.31	4	21	27	< 0.5	< 2	2.26	12	3	7.35	< 10	< 1
884841	89	6	10	< 0.2	< 0.5	295	1680	< 1	79	< 2	76	4.55	< 2	20	62	< 0.5	< 2	2.22	37	245	9.62	< 10	< 1
884842	19	< 5	< 5	2.3	35.4	1760	311	5	232	41	> 10000	1.16	3	18	< 10	< 0.5	6	0.09	194	27	16.4	10	2
884843	23	< 5	< 5	7.5	26.1	8510	294	3	218	39	> 10000	1.10	4	21	< 10	< 0.5	17	0.19	208	32	13.2	< 10	< 1
884844	6	< 5	< 5	< 0.2	< 0.5	241	586	< 1	13	< 2	41	1.35	< 2	21	35	< 0.5	< 2	1.41	20	3	3.02	< 10	< 1
884845	5	< 5	< 5	< 0.2	< 0.5	139	631	< 1	64	< 2	39	2.29	< 2	21	< 10	< 0.5	< 2	2.50	22	103	3.65	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Zn
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
884835	0.15	< 10	0.91	0.136	0.017	0.97	8	7	6	0.08	< 20	3	< 2	< 10	65	< 10	5	6	
884836	0.23	< 10	1.44	0.262	0.015	0.49	4	13	7	0.12	< 20	6	< 2	< 10	94	< 10	4	4	
884837	0.09	< 10	1.00	0.166	0.015	0.08	3	10	15	0.22	< 20	6	< 2	< 10	79	< 10	4	2	
884838	0.10	< 10	1.71	0.267	0.020	0.16	3	15	7	0.20	< 20	2	< 2	< 10	120	< 10	6	3	
884839	0.71	< 10	1.70	0.266	0.022	0.05	3	16	25	0.21	< 20	2	< 2	< 10	134	< 10	5	2	
884840	0.13	< 10	1.03	0.267	0.128	0.22	3	20	14	0.34	< 20	5	< 2	< 10	121	< 10	15	5	
884841	0.12	< 10	3.65	0.096	0.017	0.18	5	19	14	0.21	< 20	< 1	< 2	< 10	173	< 10	5	3	
884842	0.45	< 10	1.03	0.027	0.032	12.5	7	2	2	0.03	< 20	8	< 2	< 10	23	10	4	43	1.91
884843	0.42	10	0.78	0.035	0.043	11.5	6	2	4	0.03	< 20	2	< 2	< 10	22	< 10	6	49	1.32
884844	0.16	< 10	1.38	0.141	0.017	0.05	< 2	13	4	0.17	< 20	11	< 2	< 10	88	< 10	4	2	
884845	0.04	< 10	1.38	0.268	0.021	0.06	< 2	13	24	0.30	< 20	2	< 2	< 10	94	< 10	6	2	

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MP-1b Meas																							
MP-1b Cert																							
OREAS 98 (Aqua Regia) Meas				40.3		> 10000				305	1220						< 2		104				
OREAS 98 (Aqua Regia) Cert				42.8		147000				343	1300						90		111				
OREAS 98 (Aqua Regia) Meas				39.4		> 10000				296	1190						< 2		103				
OREAS 98 (Aqua Regia) Cert				42.8		147000				343	1300						90		111				
OREAS 98 (Aqua Regia) Meas				39.4		> 10000				306	1230						< 2		104				
OREAS 98 (Aqua Regia) Cert				42.8		147000				343	1300						90		111				
CPB-2 Meas																							
CPB-2 Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 922 (AQUA REGIA) Meas				0.8	< 0.5	2220	771	< 1	34	64	265	2.80	5		86	0.9	15	0.38	20	45	5.33	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				0.7	< 0.5	2310	787	< 1	35	64	261	2.82	5		86	0.9	9	0.38	20	45	5.35	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				0.9	< 0.5	2330	790	< 1	35	63	268	2.83	6		86	0.9	9	0.38	20	46	5.37	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 923 (AQUA REGIA) Meas				1.6	< 0.5	4460	878	< 1	32	92	339	2.79	6		69	0.8	13	0.37	22	42	6.09	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 923 (AQUA REGIA) Meas				1.5	< 0.5	4390	883	< 1	32	89	342	2.80	5		69	0.8	15	0.37	22	41	6.08	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 923 (AQUA REGIA) Meas				1.4	< 0.5	4440	887	< 1	35	96	345	2.82	6		70	0.8	17	0.38	23	41	6.12	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
PTC-1b Meas																							
PTC-1b Cert																							
Oreas 96 (Aqua Regia) Meas				11.1		> 10000				96	425						< 2		47				
Oreas 96 (Aqua				11.50		39100.				100	448						27.9		49.2				

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert						00																	
Oreas 96 (Aqua Regia) Meas				11.1		> 10000				97	427						< 2		46				
Oreas 96 (Aqua Regia) Cert				11.50		39100. 00				100	448						27.9		49.2				
Oreas 96 (Aqua Regia) Meas				11.3		> 10000				96	428						< 2		47				
Oreas 96 (Aqua Regia) Cert				11.50		39100. 00				100	448						27.9		49.2				
CCU-1e Meas																							
CCU-1e Cert																							
CDN-PGMS-27 Meas	4570	2030	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
Oreas 620 (Aqua Regia) Meas				42.2	166	1790	450	8	14	> 5000	> 10000	1.21	50		< 10	0.8	< 2	1.26	14	19	2.68	< 10	2
Oreas 620 (Aqua Regia) Cert				38.4	161	1750	414	9	14	7740	31200	1.12	47		450	0.6	2	1.29	12	17	2.58	6	2
Oreas 620 (Aqua Regia) Meas				42.1	157	1850	440	8	13	> 5000	> 10000	1.20	50		< 10	0.8	< 2	1.27	14	17	2.68	< 10	2
Oreas 620 (Aqua Regia) Cert				38.4	161	1750	414	9	14	7740	31200	1.12	47		450	0.6	2	1.29	12	17	2.58	6	2
Oreas 620 (Aqua Regia) Meas				41.6	168	1960	441	8	15	> 5000	> 10000	1.21	50		14	0.8	< 2	1.26	14	21	2.68	< 10	2
Oreas 620 (Aqua Regia) Cert				38.4	161	1750	414	9	14	7740	31200	1.12	47		450	0.6	2	1.29	12	17	2.58	6	2
PK03 Meas	5040	6160	4350																				
PK03 Cert	5038	6028	4291																				
884836 Orig	68	7	9																				
884836 Dup	67	8	9																				
Method Blank	4	< 5	< 5																				
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	23	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	22	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	21	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	22	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank																							

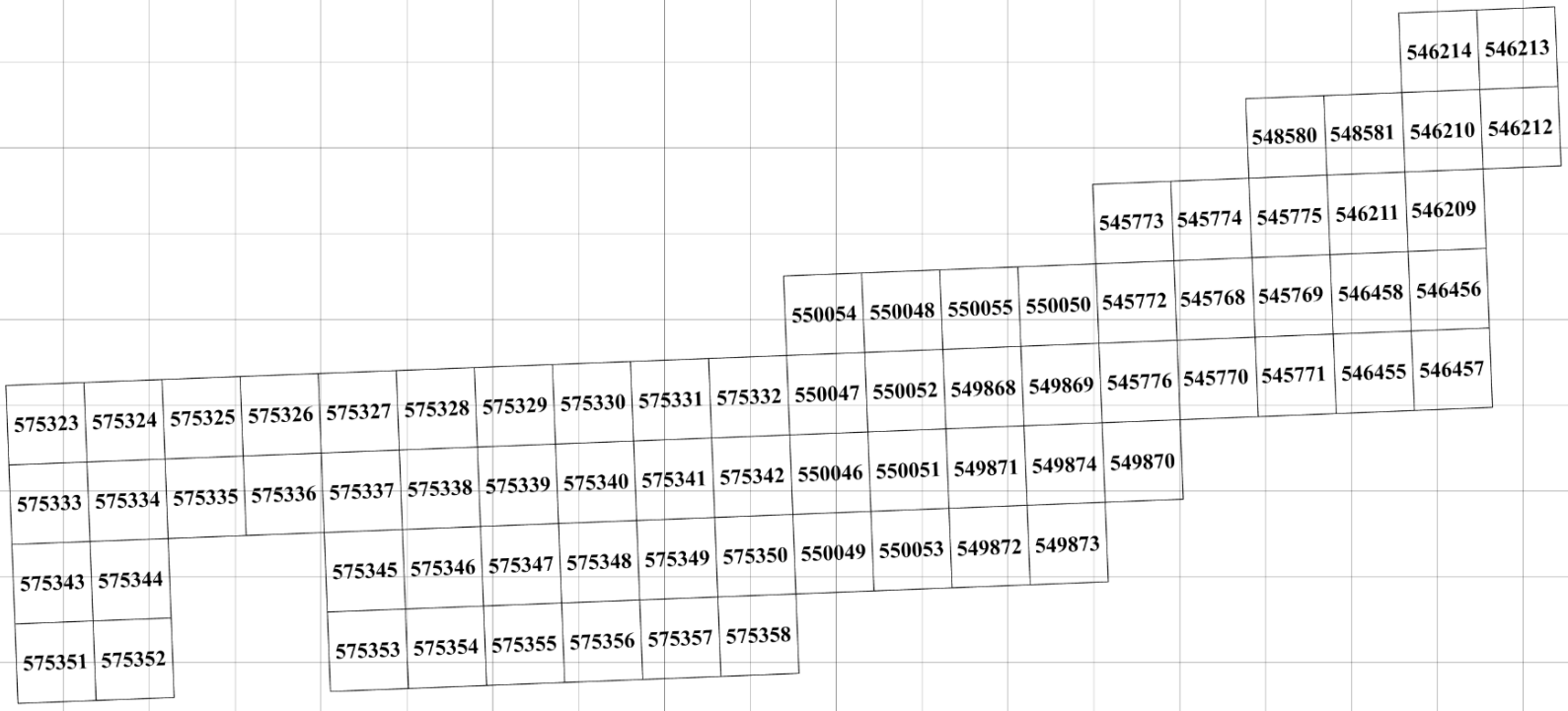
Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Zn
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
MP-1b Meas																			17.1
MP-1b Cert																			16.7
OREAS 98 (Aqua Regia) Meas							19												
OREAS 98 (Aqua Regia) Cert							15												
OREAS 98 (Aqua Regia) Meas							22												
OREAS 98 (Aqua Regia) Cert							15												
OREAS 98 (Aqua Regia) Meas							20												
OREAS 98 (Aqua Regia) Cert							15												
CPB-2 Meas																			6.14
CPB-2 Cert																			6.04
CZN-4 Meas																			55.1
CZN-4 Cert																			55.07
OREAS 922 (AQUA REGIA) Meas	0.41	35	1.34	0.020	0.065	0.37	< 2	4	15		< 20		< 2	< 10	33	< 10	16	21	
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.40	36	1.34	0.020	0.065	0.39	4	4	16		< 20		< 2	< 10	33	< 10	17	23	
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.40	36	1.34	0.020	0.064	0.37	3	4	16		< 20		< 2	< 10	33	< 10	17	8	
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	0.34	33	1.41		0.061	0.69	3	4	14		< 20		< 2	< 10	32	< 10	15	23	
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	0.33	33	1.41		0.061	0.69	3	4	14		< 20		< 2	< 10	32	< 10	15	24	
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	0.34	33	1.43		0.061	0.70	3	4	14		< 20		< 2	< 10	32	< 10	15	10	
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
PTC-1b Meas																			0.206
PTC-1b Cert																			0.2083
Oreas 96 (Aqua Regia) Meas						3.80	8												

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Zn
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
Oreas 96 (Aqua Regia) Cert						4.38	4.53												
Oreas 96 (Aqua Regia) Meas						3.95	7												
Oreas 96 (Aqua Regia) Cert						4.38	4.53												
Oreas 96 (Aqua Regia) Meas						3.97	6												
Oreas 96 (Aqua Regia) Cert						4.38	4.53												
CCU-1e Meas																			3.02
CCU-1e Cert																			3.02
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
Oreas 620 (Aqua Regia) Meas	0.28	26	0.27	0.115	0.030	2.58	67		19		< 20		< 2	< 10	8	< 10	7	55	
Oreas 620 (Aqua Regia) Cert	0.31	25	0.27	0.117	0.031	2.47	62		20		7		0.5	2.2	7	0.79	7	57	
Oreas 620 (Aqua Regia) Meas	0.28	25	0.27	0.116	0.030	2.59	61		19		< 20		< 2	< 10	8	< 10	7	58	
Oreas 620 (Aqua Regia) Cert	0.31	25	0.27	0.117	0.031	2.47	62		20		7		0.5	2.2	7	0.79	7	57	
Oreas 620 (Aqua Regia) Meas	0.28	26	0.27	0.115	0.030	2.59	60		19		< 20		< 2	< 10	8	< 10	7	59	
Oreas 620 (Aqua Regia) Cert	0.31	25	0.27	0.117	0.031	2.47	62		20		7		0.5	2.2	7	0.79	7	57	
PK03 Meas																			
PK03 Cert																			
884836 Orig																			
884836 Dup																			
Method Blank																			
Method Blank	< 0.01	< 10	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	< 10	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	< 10	< 0.01	0.004	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	< 10	< 0.01	0.004	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																			< 0.001

APPENDIX III

Stag Prospect, Claim Map 1:10,000

Stag Prospect



Spatial Reference
Name: NAD 1983 UTM Zone 15N
PCS: NAD 1983 UTM Zone 15N
GCS: GCS North American 1983
Scale: 1:10,000

0 0.5 1 2 3 4 Kilometers