BC Geological Survey
Assessment Report
38449

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Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Technical, Geochemical

TOTAL COST: $14814.39

AUTHOR(S): Donald K Bragg

SIGNATURE(S): Barry Price

Barry J Price

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2019

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event #5749338

PROPERTY NAME: Pinchi Project

CLAIM NAME(S) (on which the work was done): 1062142, 513890, 513881, 245694

COMMODITIES SOUGHT: Cu Au, PGM

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 094C 069 94C 058

MINING DIVISION: Omineca

NTS/BCGS: 94C

LATITUDE: 56 ° 04 ' " **LONGITUDE:** 125 ° 21 ' " **(at centre of work)**

OWNER(S):

1) Donald K Bragg

2) Serengeti Resources Inc.

MAILING ADDRESS:

6588 - 152nd Street, Surrey, British Columbia, V3S 311

Suite 520, 800 West Pender Street Vancouver, BC, V6C 2V6

OPERATOR(S) [who paid for the work]:

1) Donald K Bragg

2)

MAILING ADDRESS:

6588 - 152nd Street, Surrey, British Columbia, V3S 311

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Copper gold mineralization in Duckling Creek phase of Hogem Batholith

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: *28330, 29851, 33009, 34752, *35216

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	15 samples	245694 513890	$13000
Silt			
Rock	11 samples		
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	26 samples	245694 513890	1814.39
Petrographic	2 samples	245694	
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	20 hectares	513890	
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$14,814.39

ASSESSMENT REPORT
BRAGGZONE, SWITCHBACK AND OSI CLAIMS

Title Numbers 1062134, 1062142, 1062388
Omineca Mining Division BC
Map sheet 94C, Osilinka River area

Prepared by

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Event Number: 5749338
Dated Sept 15 2019

PROSPECTING ASSESSMENT REPORT
BRAGGZONE, SWITCHBACK AND OSI CLAIMS
Omineca Mining Division BC

SUMMARY

The prospecting program from June 18 to June 29 was completed by Don Bragg and Jared Put. A total of 15 soil samples and 11 rock samples were taken. 2 larger samples were taken for Dr. Peter Fox, who has completed lithological determinations. Note that not all days were spent on Assessment, as some were for orienting the BC Geological Survey mapping crew at the request of Lucas Ootes, P.Geo., and this time will not be charged to Assessment.

The claims, on completion of the work filing, have now been transferred to **Serengeti Resources Inc.,** who have recently optioned the entire claim package from Don Bragg.

This report was written by authors Donald Bragg and Barry Price, with input from Dr. Peter Fox, based on information gained from prospecting and sampling by prospector Jared Put. Donald K Bragg, prospector retains responsibility for any factual errors and for the statements of costs.

The claims are situated in the Omineca Mining Division in Map sheets NTS94C 3W some 300 km northwest of Prince George, British Columbia (Figure 1). The property extends from Cat Mountain and Osilinka River on the east, along Haha Creek to Omineca River on the west. Access from Prince George, the regional economic centre, is from Mackenzie some 250 km to the east along the Kemess mine and Osilinka forestry roads.

The climate is typical of the northern interior of BC, warm summers and relatively long winters. The area has some steep terrain on Cat Mountain and above Haha Creek with much of the claim area in valleys and passes. Work can generally eb done from late May to October. There is little to no infrastructure in the area, the nearest supply center is Mackenzie where groceries and hardware are generally purchased.

At the time the work was completed, the claims were part of a large claim holding of 41 claims totalling 20,372 hectares, all held by **Don Bragg** and contiguous. The three claims that are subject of this report were originally staked by Barry Price, P.Geo. and transferred to Don Bragg. Most of the claims have as of July 12, 2019 been optioned to Serengeti Resources Inc., and these three claims will have also been transferred.

The Pinchi Property straddles the Pinchi Fault on the west and continues easterly across much of the Hogem Batholith and Takla rocks to the east boundary, some 30 kilometers. The region is a well-known Copper-Gold district in central BC that includes the Lorraine, Cat Mountain, Slide and many other Cu-Au minfile showings. Deposits are mainly related to alkalic intrusives of the Duckling Creek Syenitic Complex (“DCSC”) forming a NW-trending magmatic province some 40km x 20km in area. Currently, mapping work started in 2018 by Luke Ootes, P.Geo. and continuing at present suggests major revisions will be made to the Hogem complex (Ootes et al 2018).

The three claims cover separate mineralized zones:

1. **Switchback area Gold prospect**; 6214682N/354734E, Elevation 1215. At t the first major switchback on the road to Cat Mountain above the camp, a small chargeability anomaly was drilled in 1991. A significant intercept with carbonate alteration had strongly anomalous arsenic and anomalous gold Intercepts were:
   - 44-58 m 14 m 877 ppm As and 94 ppb Au
   - 70-116 m 46 m 1777 ppm As and 179 ppb Au, including
   - 88-110 m 22m 2436 ppm As and 249 ppb Au

2. **Braggzone Claim** The Bragg zone is a new showing found by Don Bragg in July 2016. In 2014 a rock sample in the area sampled by geologist Wes Raven was strongly anomalous -0.50% copper, 1.037 grams/tonne gold and 18 grams/tonnes silver. The area is just above the Thane access road and just below the access road to Cat mountain. Location of the sample was approximately UTM (10V) 352221 m East and 6213158 m North. Prospecting adjacent to the sample showed a shear zone mineralized with copper in an area of monzonites or syenites. The zone is narrow and strikes northward toward the top of Cat Mountain and dips variably westward. The area was sampled in 2017; while the results are not strongly anomalous, the mineralized rib is above background levels for copper, molybdenum and gold for at least 40 meters.

3. **Osi 18**, the Original Nova/Cirque Float discovery: Approximate location of the above samples is east of the road junction north of the northernmost Osilinka bridge at 10 V 337300 6218590. The Search 3 geophysical program in the area further validated the strong magnetic anomalies in the area. The best float sample from 2016, dark finely crystalline ultramafic with sulphides, contained 1.01 g/t gold, 0.48 g/t Platinum, 2.19 g/t palladium and 2.47% copper. Source of this float must be found.

The 2019 work was not done on these showings, but on top of Cat Mountain and adjacent to the Three Amigos zone, where copper and gold mineralization were found in 2017 and 2018. As the claims were all contiguous when the work program was done, the assessment can be conveyed to the subject claims.

A lithologic sample 19014 was analyzed by Bureau Veritas for Peter Fox on behalf of Don Bragg. The results show that **The sample plots in Loucks (2014) "fertile" fields on silica vs Al_2O_3/TiO_2, Sr/Y and V/Sc diagrams.** (Fertile implies a favourable geochemistry for porphyry copper formation.

Several of the selected rock samples are anomalous for Copper and Gold. The sample near the Switchback zone and Drill hole 91-26 is float and probably unrelated to the strong arsenic anomaly intercept in the drill hole. A cobalt zone was found to be present along a drill road above camp, with the best values (0.14% Co over 2.6 m in DDH 90-14)

The itemized cost statement (in an Appendix) will hold the three small claims for three years and advancing the expiry date to October 31,2021. $14,814.39 of work was done of which $10,074.03 was claimed and the balance, $4740.36 applied to the Portable Assessment Credit (PAC) account of Donald K Bragg. Work done was sampling, with 11 rock samples, 2 lithological samples and 11 soil samples.

As the claims will be transferred to the optionee, Serengeti Resources Inc., that company will devise its own exploration plan and budget for the area in 2019.

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PROSPECTING ASSESSMENT REPORT

BRAGGZONE, SWITCHBACK AND OSI CLAIMS

Omineca Mining Division BC

INTRODUCTION

A small prospecting program was completed on Cat Mountain with work filed (by common ownership) on three claims which expire in August.

The work was done by Donald Bragg prospector assisted by Jared Put, who has worked on the property before. Mobilization was June 18 2019 from Surrey BC and Kamloops and demobilization July 29 A total of 8 days were spent on the claims and 4-4.5 days in transit, mobilization and demobilization. A total of 15 soil samples and 11 rock samples were collected, of which 7 were assayed. The Cat Mountain exploration camp maintained by Don Bragg for many years was used as a base camp.

During this time, communication and assistance was also provided to the BC Geological Survey mapping party in the area led by Luke Ootes P.Geo.. Communication was maintained using a Garmin InReach Instrument for safety.

The itemized cost statement (in an Appendix) reflects work that will hold the three small claims for three years and advancing the expiry date to October 31,2021. $14,814.39 of work was done of which $10,074.03 was claimed and the balance, $4740.36 applied to the Portable Assessment Credit (PAC) account of Donald K Bragg. Work done was sampling, with 11 rock samples, 2 lithological samples and 11 soil samples.

As the claims will be transferred to the optionee, Serengeti Resources Inc., that company will devise its own exploration plan and budget for the area.

This report was written by authors Donald Bragg and Barry Price, M.Sc., P.Geo., based on information gained from prospecting and sampling by prospector Jared Put. Donald K Bragg, prospector retains responsibility for any factual errors and for the statements of costs.

LOCATION AND ACCESS

The claims are situated in the Omineca Mining Division in Map sheets NTS94C 3W some 300 km northwest of Prince George, British Columbia (Figure 1). The property extends from Cat Mountain and Osilinka River on the east, along Haha Creek to Omineca River on the west.

Access from Prince George, the regional economic centre, is from Mackenzie some 250 km to the east along the Kemess mine and Osilinka forestry roads. The Osilinka FSR is a key access route. A number of bridge crossings of Osilinka River and Haha Creek were damaged by floods in 2017 or early 2018 and have not been repaired. Access in 2018 was by 4WD vehicle and ATV. Alternative access is by helicopter from Prince George or Mackenzie.

Location of the three subject claims is shown in various maps.

FIGURE 1. LOCATION MAP BC

CLIMATE AND PHYSIOGRAPHY

The climate is typical of the northern interior of BC, with warm summers and relatively long winters. The area has some steep terrain on Cat Mountain and above Haha Creek with much of the claim area in valleys and passes. Work can generally eb done from late May to October.

LOCAL RESOURCES AND INFRASTRUCTURE

There is little to no infrastructure in the area, the nearest supply center is Mackenzie where groceries and hardware are generally purchased. A powerline to the Kemess mine area lies along the Kemess-Toodoggone Road, to the northeast of the claims

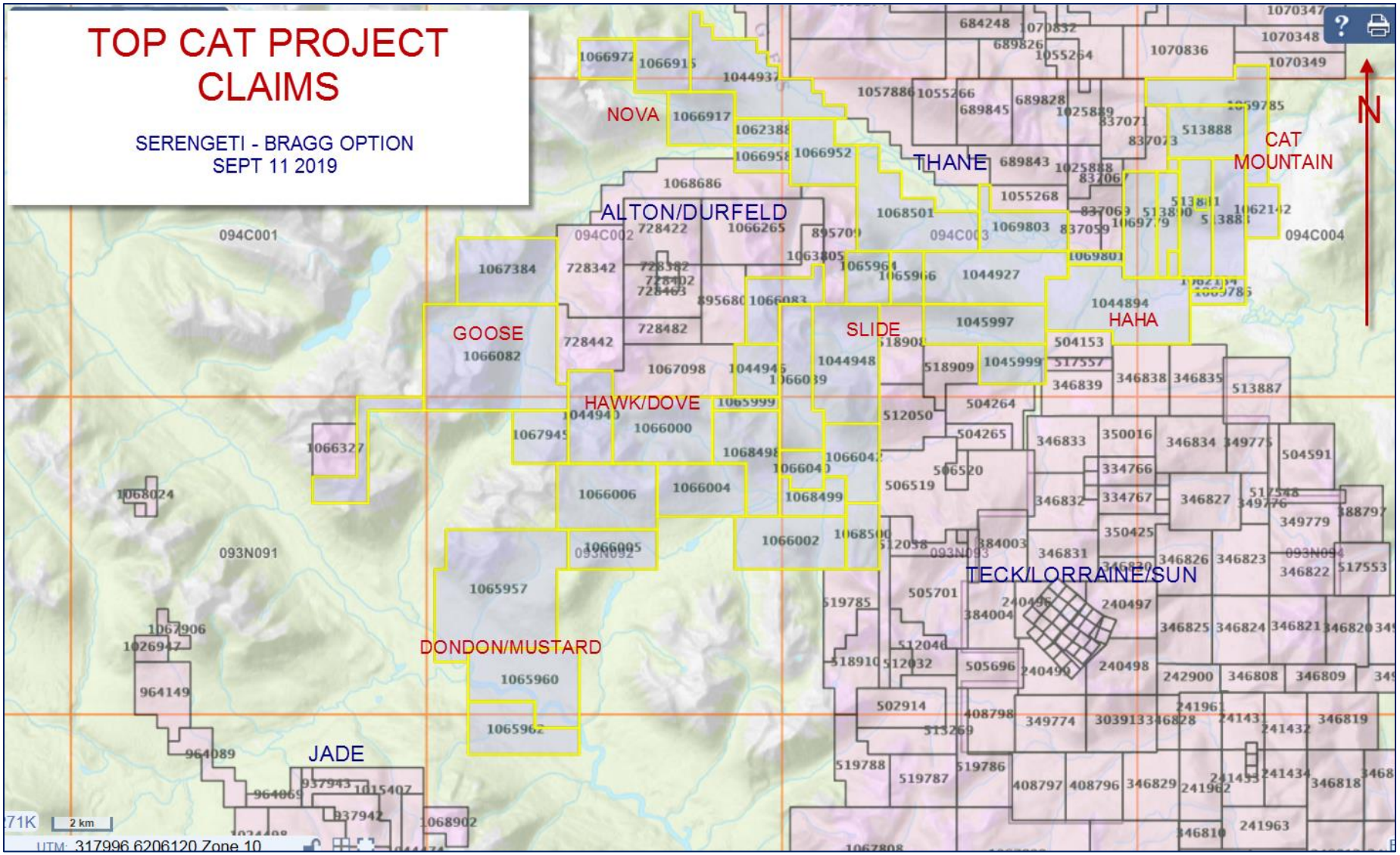
MINERAL TITLES

At the time the work was completed, the claims were part of a large claim holding of 41 claims totalling 20,372 hectares, all held by Donald K Bragg and all were contiguous. The three claims below were originally staked by Barry Price, P.Geo. and transferred to Don Bragg. All of the claims have as of July 29, 2019 been optioned to Serengeti Resources Inc., and again all are contiguous. Titles are listed below. Maps showing the claims are presented in an Appendix. The claims shaded green are the subject of this report.

Title Number	Claim Name	Owner	Map No	Issue Date	Good To Date	Area (ha)
245694	BET 1	146739 (100%)	094C004	1972/NOV/28	2020/OCT/01	25
513881		146739 (100%)	094C	2005/JUN/03	2021/AUG/30	487.723
513883		146739 (100%)	094C	2005/JUN/03	2021/AUG/30	487.723
513888		146739 (100%)	094C	2005/JUN/03	2021/AUG/30	505.467
513889		146739 (100%)	094C	2005/JUN/03	2021/AUG/30	36.141
513890		146739 (100%)	094C	2005/JUN/03	2021/AUG/30	252.896
514837	KIM 7	146739 (100%)	094C	2005/JUN/20	2021/AUG/30	18.056
1044894	CAT 16 02	146739 (100%)	094C	2016/JUN/23	2019/OCT/31	1156.9391
1044927	OSILINKA 2	146739 (100%)	094C	2016/JUN/24	2019/OCT/31	867.56
1044937	NOVA 6	146739 (100%)	094C	2016/JUN/24	2019/OCT/31	956.4541
1044940	DOVEHAWK	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	506.5701
1044946	DOVE 3	146739 (100%)	094C	2016/JUN/24	2019/OCT/31	289.3957
1044948	SLIDE 1	146739 (100%)	094C	2016/JUN/24	2019/OCT/31	958.5308
1045997	BLACKBEAR 2	146739 (100%)	094C	2016/AUG/16	2019/OCT/31	596.6752
1045999	BLACKBEAR 3	146739 (100%)	094C	2016/AUG/16	2019/OCT/31	325.5642
1062134	BRAGGZONE	146739 (100%)	094C	2018/AUG/02	2022/OCT/31	54.2206

1062142	SWITCHBACK	146739 (100%)	094C	2018/AUG/02	2022/OCT/31	216.7488
1062388	OSI 18	146739 (100%)	094C	2018/AUG/16	2022/OCT/31	180.5297
1065957	MUSTARD	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	1847.9852
1065960	DONDON EAST	146739 (100%)	093N	2016/JUN/23	2019/OCT/31	870.3885
1065962	GRAB 2	146739 (100%)	093N	2016/JUN/23	2019/OCT/31	580.4706
1065964	SLIDE NORTH 2	146739 (100%)	094C	2016/JUN/24	2019/OCT/31	289.1875
1065966	SLIDE EAST 1	146739 (100%)	094C	2016/JUN/24	2019/OCT/31	216.8897
1065999	DOVE EAST	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	108.521
1066000	DOVE WEST	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	814.1052
1066002	HAHA 1 EAST	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	724.3012
1066004	HAHA WEST 2	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	579.1893
1066005	HAHA 2 SOUTH	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	434.6622
1066006	HAHA 2 NORTH	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	814.6153
1066039	NEWSLIDE 1	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	651.1255
1066040	NEWSLIDE 2	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	199.0639
1066042	NEWSLIDE 4	146739 (100%)	093N	2016/JUN/24	2019/OCT/31	470.4892
1066082	GOOSE	146739 (100%)	093N	2019/JAN/28	2020/JAN/28	1772.7325
1066349	GOOSE 2	146739 (100%)	093N	2019/FEB/06	2020/FEB/06	380.111
1066915	OSILINKA 19	146739 (100%)	094C	2019/MAR/01	2020/MAR/01	360.9006
1066917	CIRQUE19	146739 (100%)	094C	2019/MAR/01	2020/MAR/01	433.2325
1066952	PGM 19	146739 (100%)	094C	2019/MAR/03	2020/MAR/03	469.4708
1066958	OSI ROAD 19	146739 (100%)	094C	2019/MAR/03	2020/MAR/03	180.5628
1066972	HOGEM 19	146739 (100%)	094C	2019/MAR/04	2020/MAR/04	270.6763
1067384	GOOSE	146739 (100%)	094C	2019/MAR/22	2020/MAR/22	813.4897
1067945	GOOSE	146739 (100%)	093N	2019/APR/17	2020/APR/17	361.8715
1068498	SLIP 1	146739 (100%)	093N	2019/MAY/13	2020/MAY/13	651.3996
1068499	SLIP 2	146739 (100%)	093N	2019/MAY/13	2020/MAY/13	271.5175
1068500	SLIDEROCK	146739 (100%)	093N	2019/MAY/13	2020/MAY/13	271.6008
1068501	LINK 1	146739 (100%)	094C	2019/MAY/13	2020/MAY/13	939.3923
1069779	CATTAIL	146739 (100%)	094C	2019/JUL/19	2020/JUL/19	433.5567
1069785	TOP CAT	146739 (100%)	094C	2019/JUL/20	2020/JUL/20	667.8304
1069786	TOP CAT	146739 (100%)	094C	2019/JUL/20	2020/JUL/20	126.5244
1069801	TOP CAT	146739 (100%)	094C	2019/JUL/22	2020/JUL/22	90.3531
1069803	TOP CAT	146739 (100%)	094C	2019/JUL/22	2020/JUL/22	469.7475
50						25,488.16

FIGURE 2. BRAGG CLAIMS, OPTIONED TO SERENGETI RESOURCES INC.



HISTORY

The three claims below were originally staked by Barry Price, P.Geo. and transferred to Don Bragg. Most of the claims have as of July 12, 2019 been optioned to Serengeti Resources Ltd., and these claims will also be transferred when work or cash in lieu is applied.

The region has continued to be explored and developed since the discovery of the Lorraine copper deposit south of the Bragg/Serengeti property in 1947 by prospectors for Kennecott Copper.

Earlier, placer gold discoveries in the Omineca (Manson Creek, Germansen) brought prospectors such as **Emil Bronlund** into the area. Gold discoveries in the Toodoggone area in the1980s also fostered interest in copper deposits, which led to the development of the Kemess copper gold deposits.

The Betty or Bet group on Cat Mountain was staked in 1957 by Emil Bronlund, prospector and engineer for Bralorne Mines, Limited, who, along with **Canex Aerial Exploration** Ltd. (later **Placer Dome**) and **Noranda Exploration Company**, The claims were subsequently abandoned and acquired by **Alvin Gerun** in 1974. A magnetometer survey over 1.9-line miles was carried out by P. Tegart in 1974. In the meanwhile, the Lorraine deposit was explored by Kennecott, Granby Mining BP Minerals, and others. The property now has a small resource, and is owned by Eastfield Resources and Teck Resources and Sun Minerals.

BP Minerals Limited (BP) and **Lysander Resources** explored the Cat Mountain property for many years, but work on claims along Haha Creek was sporadic until the Slide are was drilled by Teck Resources. The Lysander claims were turned over to Don Bragg.

The latest work on Cat mountain was done by **Cadillac Ventures** (2006-2007) and **Rift Valley Resources** (2016). The area along Haha Creek and Osilinka River was briefly worked by **Sointula Resources, Tajiri Resources and Blackeagle/EVI.**

REGIONAL GEOLOGY

The Pinchi Property straddles the Pinchi Fault on the west and continues easterly across much of the Hogem Batholith and Takla rocks to the east boundary, some 30 kilometers. The Hogem batholith is bounded to the north and east by volcanic and sedimentary rocks of the Takla Group (Triassic) along fault and intrusive contacts. To the west, Hogem batholith and Takla Group, both within Quesnel terrane, are juxtaposed against Cache Creek (Late Paleozoic to Triassic) and Stikine (Triassic to Jurassic) terranes across the Pinchi and Ingenika dextral strike-slip faults.

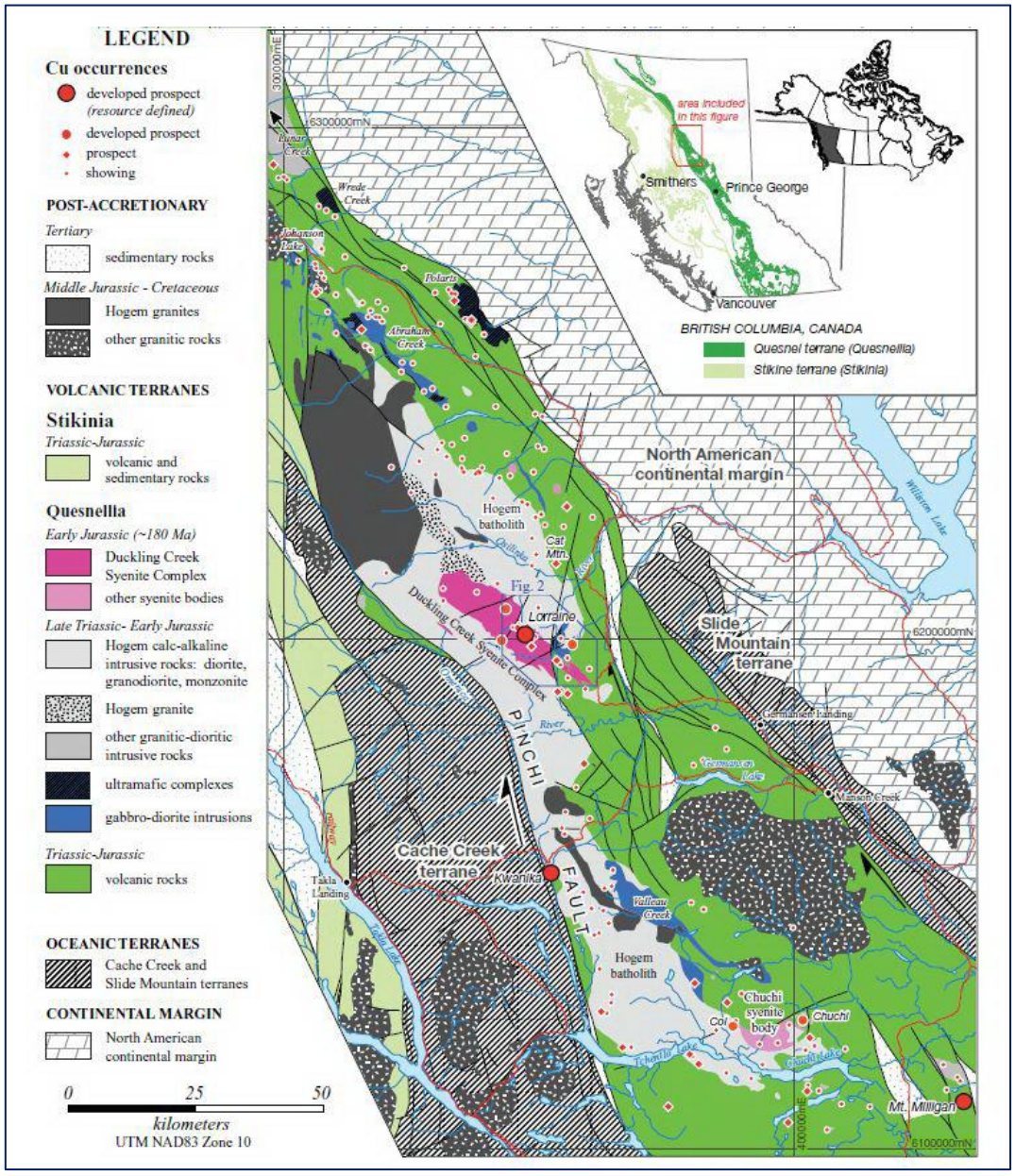
The region is a well-known Copper-Gold district in central BC that includes the Lorraine, Cat Mountain, Slide and many other Cu-Au deposits and numerous stocks and plutons including the Duckling Creek Syenitic Complex (“DCSC”) forming a NW-trending magmatic province some 40km x 20km in area. The Duckling Creek Syenitic Complex lies within the Lower Jurassic Hogem Intrusive Complex east of the Pinchi Fault, a key structural element that may control mineral deposits such as Kwanika copper deposit and others

Currently, mapping work started in 2018 by Lukas Ootes P.Geo., and continuing at present in 2019 suggests major revisions will be made to the Hogem Complex (Ootes et al 2018).

MINERAL DEPOSITS

Mineral deposits in the area are mainly of the Alkalic porphyry type, although other epigenetic deposits should not be ruled out.

Figure 3. Regional Geology



LOCAL GEOLOGY

At the three claim areas for which this work is applied, the local geology is quite different.

- At the northernmost **Osi 18 claim**, magnetic anomalies indicate ultramafic bodies, and this is corroborated by mineralized ultramafic (pyroxenite) float, and dark lamprophyre boulders, within what is probably a marginal phase of the Hogem Batholith rocks, along a suspected major fault in the southwest flowing Osilinka River.

- On the **Braggzone claim**, northerly trending narrow mineralized shears have copper and gold values in light to dark syenitic or monzonitic rocks of the Hogem Batholith.

- On the S**witchback claim**, Triassic sediments and volcaniclastic tuffs, lapilli are intruded by pink intrusive dykes. These rocks do not appear to outcrop. The core log for drill hole 19-18, which has significant arsenic values is reproduced below, along with the relevant assays: The core log does not reflect much mineralization, but the assays show a very strong arsenic anomaly.

Switchback zone

(reproduced from Price and Bragg, 2018)

> *At t the first major switchback on the road to Cat Mountain above the camp, a small chargeability anomaly was drilled in 1991. A significant intercept with carbonate alteration, strongly anomalous arsenic and anomalous gold was intercepted. Location of the drill hole is: DDH 91-26, 6214682N/354734E, Elevation 1215, total depth: 155.4m*
>
> *Averages were:*
> - *44-58 m* — *14 m* — *877 ppm As and 94 ppb Au*
> - *70-116 m* — *46 m* — *1777 ppm As and 179 ppb Au, including*
> - *88-110 m* — *22m* — *2436 ppm As and 249 ppb Au*
>
> *In 2018, three samples were taken at this zone as an orientation on the first day of work. One, a piece of angular float was assayed, and contained 0.199 g/t gold, 2.5 g/t silver and 5990 ppm (0.60%) copper. Additional prospecting is warranted, and source of the arsenic/gold anomaly should be searched for as it may represent a blind gold system at depth.*

Bedrock Formation present in this area likely the sedimentary units of the Triassic Takla Group. A brief lithology in the nearby drill hole 91-26 as described by Dr. Peter Fox is shown below:

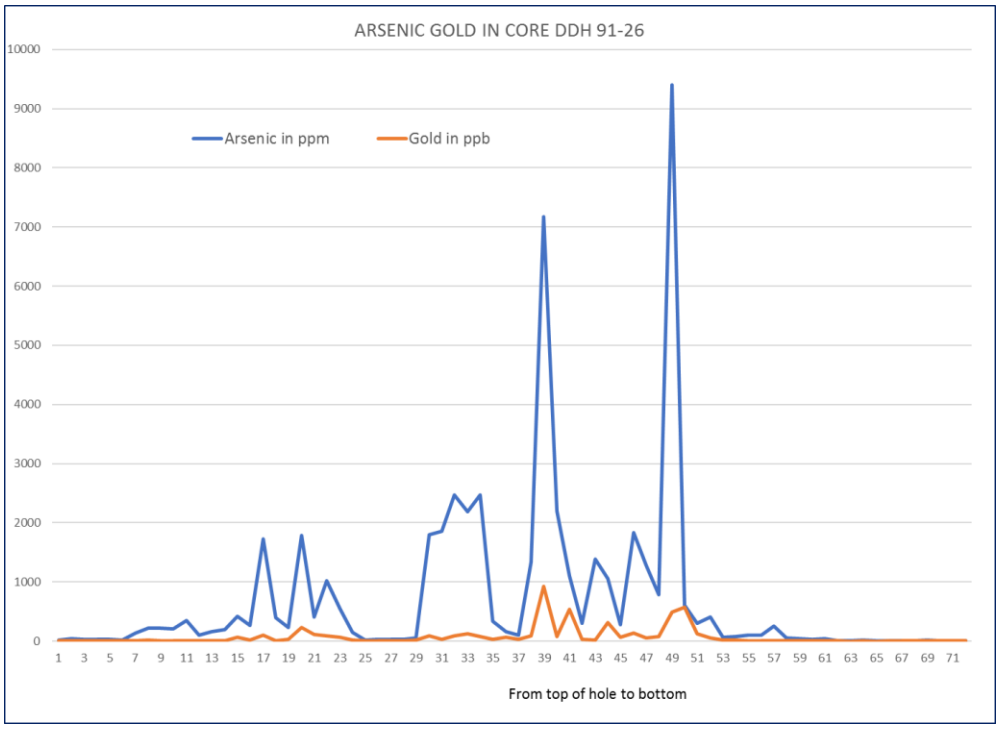
91-26	0.00	12.20	12.20	Overburden
91-26	12.20	38.70	26.50	Lapilli Tuff
91-26	38.70	69.70	31.00	Ash Tuff
91-26	69.70	114.70	45.00	Fault Zone
91-26	114.70	155.40	40.70	Lapilli Tuffs
91-26	155.40	155.40	0.00	EOH

The core analyses from 1991 (BP Minerals) are reproduced below.

Hole_id	From m	To m	Length m	Sample No	Mo(ppm)	Cu(ppm)	Ag(ppm)	As(ppm)	Ca(%)	Au(ppb)
91-26	12.20	14.00	1.80	81551	1	106	0.2	24	2.05	10
91-26	14.00	16.00	2.00	81552	1	126	0.1	40	2.99	10
91-26	16.00	18.00	2.00	81553	1	116	0.1	32	3.52	8
91-26	18.00	20.00	2.00	81554	1	118	0.1	31	2.88	4
91-26	20.00	22.00	2.00	81555	1	117	0.1	33	2.81	6
91-26	22.00	24.00	2.00	81556	1	135	0.2	24	3.33	4
91-26	24.00	26.00	2.00	81557	1	413	0.2	141	3.09	13
91-26	26.00	28.00	2.00	81558	1	583	0.3	216	2.77	21
91-26	28.00	30.00	2.00	81559	1	138	0.1	224	3.12	12
91-26	30.00	32.00	2.00	81560	1	161	0.1	213	2.63	9
91-26	32.00	34.00	2.00	81561	1	157	0.1	350	4.04	14
91-26	34.00	36.00	2.00	81562	1	111	0.1	97	3.14	5
91-26	36.00	38.00	2.00	81563	1	185	0.2	158	3.03	9
91-26	38.00	40.00	2.00	81564	5	174	0.3	191	5.78	9
91-26	40.00	42.00	2.00	81565	3	113	0.2	419	7.09	63
91-26	42.00	44.00	2.00	81566	2	125	0.1	268	6.34	16
91-26	44.00	46.00	2.00	81567	1	273	0.2	1734	6.06	105
91-26	46.00	48.00	2.00	81568	1	69	0.1	393	4.46	11
91-26	48.00	50.00	2.00	81569	1	111	0.1	230	4.77	34
91-26	50.00	52.00	2.00	81570	1	106	0.2	1791	8.08	227
91-26	52.00	54.00	2.00	81571	2	126	0.1	411	7.67	117
91-26	54.00	56.00	2.00	81572	3	143	0.1	1027	6.44	89
91-26	56.00	58.00	2.00	81573	1	129	0.1	556	9.54	72
91-26	58.00	60.00	2.00	81574	3	52	0.2	144	11.15	18
91-26	60.00	62.00	2.00	81575	3	92	0.2	23	4.38	11
91-26	62.00	64.00	2.00	81576	2	71	0.1	34	6.72	3
91-26	64.00	66.00	2.00	81577	2	80	0.1	34	4.32	12
91-26	66.00	68.00	2.00	81578	2	102	0.2	34	4.98	11
91-26	68.00	70.00	2.00	81579	2	142	0.1	52	5.33	15
91-26	70.00	72.00	2.00	81580	2	214	0.2	1799	9.97	85
91-26	72.00	74.00	2.00	81581	1	117	0.2	1863	8.06	32
91-26	74.00	76.00	2.00	81582	1	104	0.2	2476	8.37	92
91-26	76.00	78.00	2.00	81583	1	652	0.2	2192	4.25	131
91-26	78.00	80.00	2.00	81584	1	267	0.2	2476	8.27	82
91-26	80.00	82.00	2.00	81585	1	106	0.1	344	7.80	26
91-26	82.00	84.00	2.00	81586	1	264	0.2	161	9.66	64
91-26	84.00	86.00	2.00	81587	1	31	0.2	98	6.46	26
91-26	86.00	88.00	2.00	81588	1	105	0.3	1342	3.93	96
91-26	88.00	90.00	2.00	81589	2	477	0.4	7168	8.33	930
91-26	90.00	92.00	2.00	81590	1	96	0.2	2204	9.54	84
91-26	92.00	94.00	2.00	81591	1	531	0.1	1105	11.22	540
91-26	94.00	96.00	2.00	81592	2	30	0.1	298	8.67	32
91-26	96.00	98.00	2.00	81593	1	96	0.1	1385	5.71	21
91-26	98.00	100.00	2.00	81594	2	221	0.2	1054	11.49	310
91-26	100.00	102.00	2.00	81595	1	98	0.1	284	9.46	64
91-26	102.00	104.00	2.00	81596	1	198	0.1	1830	11.67	142
91-26	104.00	106.00	2.00	81597	1	202	0.2	1281	12.45	53
91-26	106.00	108.00	2.00	81598	1	61	0.2	784	11.22	78
91-26	108.00	110.00	2.00	81599	2	187	0.2	9403	12.85	490

91-26	110.00	112.00	2.00	81600	2	575	0.7	605	11.21	570
91-26	112.00	114.00	2.00	81601	1	45	0.2	308	10.49	126
91-26	114.00	116.00	2.00	81602	2	28	0.2	412	8.31	54
91-26	116.00	118.00	2.00	81603	1	101	0.2	66	3.49	23
91-26	118.00	120.00	2.00	81604	2	114	0.2	76	2.74	21
91-26	120.00	122.00	2.00	81605	2	60	0.2	97	2.77	14
91-26	122.00	124.00	2.00	81606	1	81	0.3	98	3.29	14
91-26	124.00	126.00	2.00	81607	1	63	0.1	251	2.59	3
91-26	126.00	128.00	2.00	81608	1	55	0.2	57	2.85	6
91-26	128.00	130.00	2.00	81609	1	58	0.1	39	2.91	6
91-26	130.00	132.00	2.00	81610	2	98	0.2	34	3.16	5
91-26	132.00	134.00	2.00	81611	2	97	0.2	43	4.88	8
91-26	134.00	136.00	2.00	81612	1	57	0.2	7	3.48	4
91-26	136.00	138.00	2.00	81613	1	73	0.2	11	2.87	1
91-26	138.00	140.00	2.00	81614	1	105	0.1	16	3.89	4
91-26	140.00	142.00	2.00	81615	1	70	0.2	5	3.52	1
91-26	142.00	144.00	2.00	81616	1	74	0.1	6	6.72	5
91-26	144.00	146.00	2.00	81617	1	103	0.1	8	3.95	4
91-26	146.00	148.00	2.00	81618	1	71	0.1	10	4.75	7
91-26	148.00	150.00	2.00	81619	2	121	0.3	15	3.41	4
91-26	150.00	152.00	2.00	81620	1	94	0.1	8	3.71	6
91-26	152.00	154.00	2.00	81621	1	118	0.2	6	6.40	8
91-26	154.00	155.40	1.40	81622	2	158	0.2	11	3.45	7
			143.20							

The almost 50-meter intercept with highly anomalous arsenic and gold is significant. There is a correlation Arsenic Calcium, Copper and Gold. If possible, the core should be located and re-examined for mineralization (which was not noted in original logs).



Adjacent drill holes were examined for any related arsenic anomalies. (91-17, 91-18, 91-24,

91-17, highest value 10,902 ppm, several greater than 200 ppm, no strong relation to copper
91-18 Several anomalous As, best number 635 ppm in a 6-meter intercept >400 ppm, not related to Cu.
91-24: Only 2 samples greater than 100 ppm As, no copper relation
91-20: Three samples >200 ppm. No copper association
91-22: Several samples >200 ppm As, slight copper correlation?

Braggzone Claim

No work was done directly on the Braggzone claim in 2019

The Bragg zone is a new showing found by Don Bragg in July 2016. In 2014 a rock sample in the area sampled by geologist Wes Raven was strongly anomalous -0.50% copper, 1.037 grams/tonne gold and 18 grams/tonnes silver. The area is just above the Thane access road and just below the access road to Cat mountain. Location of the sample was approximately UTM (10V) 352221 m East and 6213158 m North. From a previous report:

> *Prospecting adjacent to the sample showed a shear zone mineralized with copper in an area of monzonites or syenites. The zone is narrow and strikes northward toward the top of Cat Mountain and dips variably westward. The area was set up in a grid, with lines 5 meters apart. Magnetometer and SP readings were taken along the grid. Later hand trenching revealed thin overburden, and approximately 45 meters of hand trenching exposed a narrow rib of chlorite/sericite/silica alteration that is weakly mineralized. The shear is somewhat resistant. Following trenching, the diamond saw was used to cut channel samples along the exposures. The samples were taken at approximately 1 meter intervals, and analyzed for Multi |Elements by ICP by ALS Minerals Laboratory, North Vancouver. While the results are not strongly anomalous, the mineralized rib is above background levels for copper, molybdenum and gold for at least 40 meters.*

Figure 4. Braggzone Showing 2017

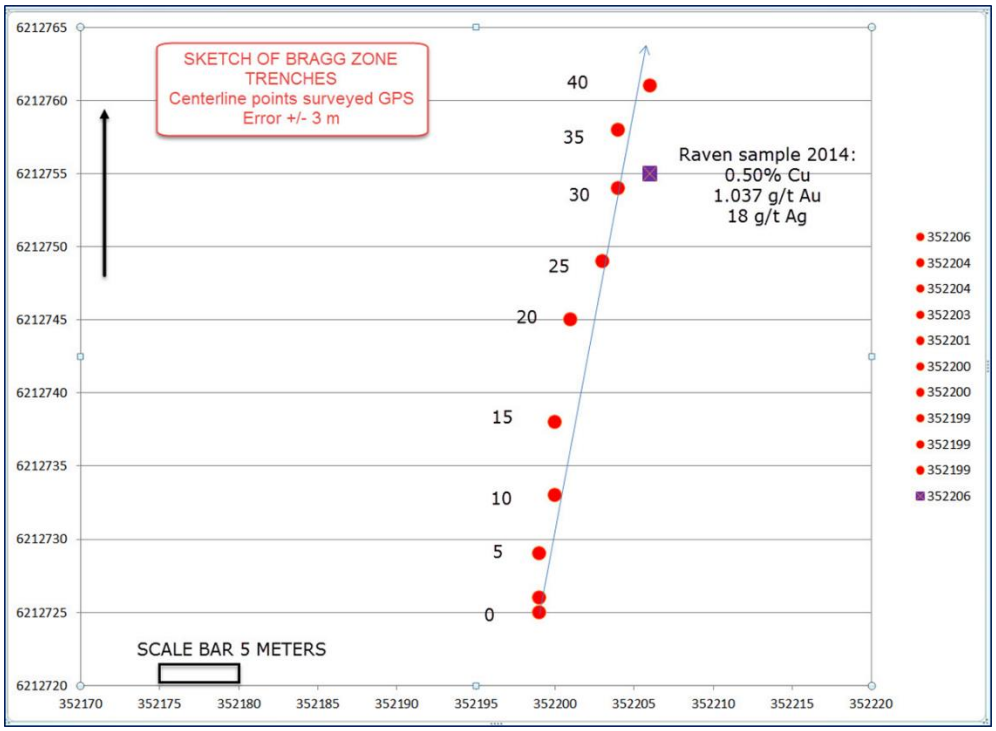


Figure 5. Braggzone Looking North

Osi 18 Claim

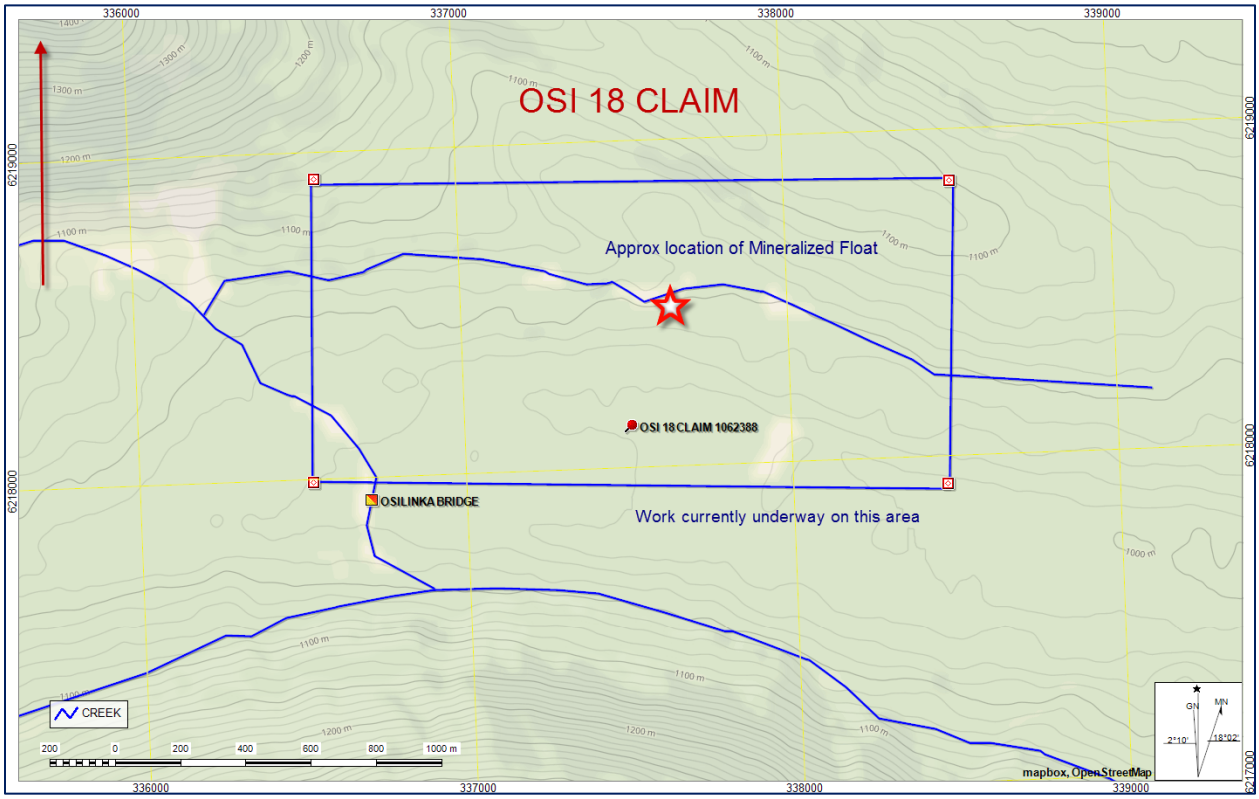
No work was done directly on the Osi 18 claims (1062388) in 2019, but work was filed from adjoining claims.

As early as 1957, a strong magnetic anomaly was noticed and explored as the Totem claims by Hans Lundberg for Totem Minerals Ltd. Sampling prospecting pan samples and magnetometer surveys were completed. Dark magnetic rocks were noticed which may have been lamprophyres with patches of secondary copper. The claims were staked and prospected by Ed McCrossan in 1991 for Major General Resources Ltd. and partner Varitech Resources Ltd. Who noted copper and gold anomalies and mineralized gossans. (AR # 21621). The magnetic anomaly was also verified. Platinum anomalies of up to 604 ppb are present. Minor additional sampling was done in 1992. (AR 22381)

The search 3 geophysical program in the area further validated the strong magnetic anomalies in the area. The 2016 samples are repeated below:

Approximate location of the above samples is east of the road junction north of the northernmost Osilinka bridge at 10 V 337300 6218590 (Braggs and Eberts 2016 samples). Additional mapping and sampling of the claim is needed to find the source of the float. Photographs of float from 2016 below.

Figure 6. OSI 18 CLAIM



OSI 18 MINERALIZATION, 2016-2017

NOVA SAMPLES 2016								
SAMPLE	NUMBER	DESCRIPTION	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61	ME-ICP61	Cu-OG62
			Au ppm	**Pt ppm**	**Pd ppm**	**Ag ppm**	**Cu ppm**	**Cu %**
2016 M029	M322572	Nova High Grade	0.109	0.035	0.16	0.6	1595	
2016 M030	M322571	Nova Grab	0.018	0.011	0.024	<0.5	598	
2016 M031	M322570	Nova High-grade Float	1.01	0.48	2.19	9.1	>10000	**2.47**

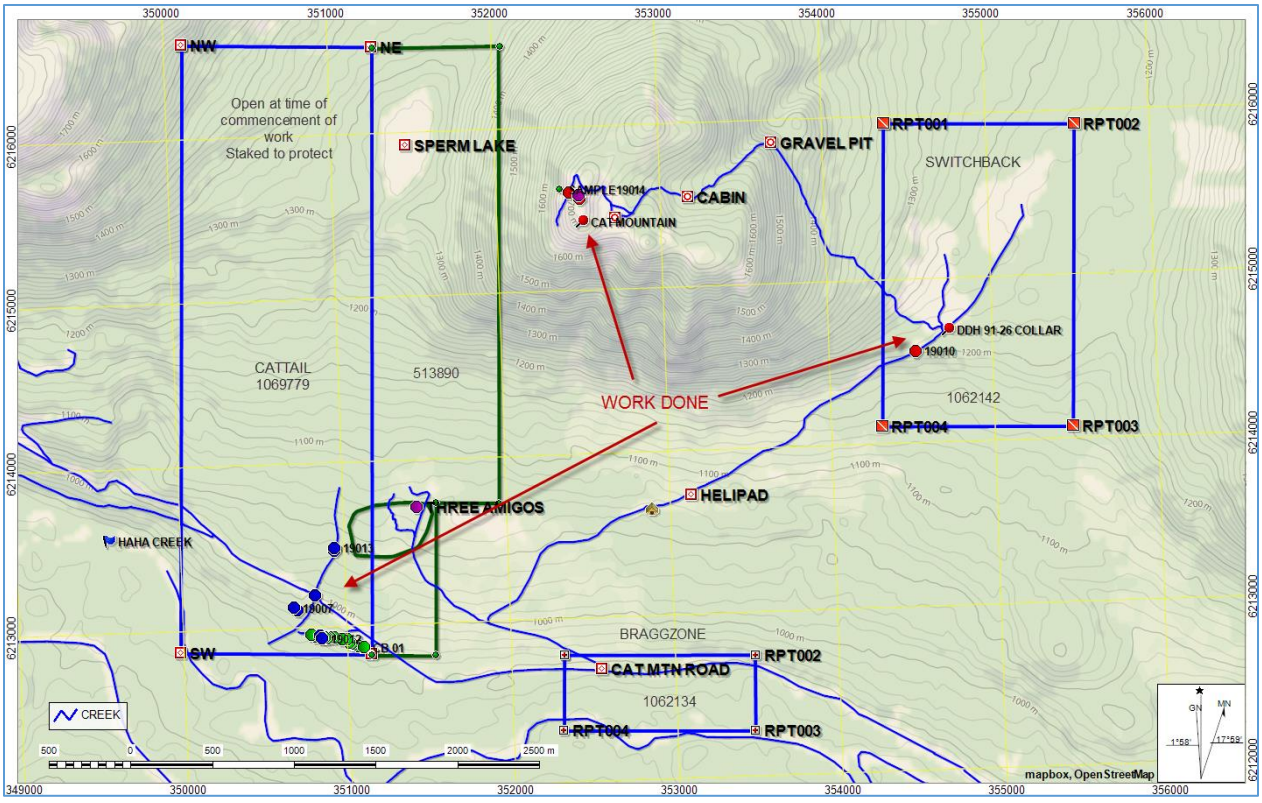
Figures 7,8 Photos of Nova mineralization

PROSPECTING WORK 2019

The prospecting program from June 18 to June 29 was completed by Don Bragg and Jared Put. A total of 15 soil samples and 11 rock samples. 2 larger samples were taken for Dr. Peter Fox, who may complete lithological determinations. A log of work dates is provided below: Note that not all days were spent on Assessment, as some were for orienting the BC Geological Survey mapping crew led by Lucas Ootes, P.Geo., and this time will not be charged to Assessment

DATE	LOCATION	DESCRIPTION
June 18	Logan Lake	To Surrey to pick up Don Bragg
June 19	Kamloops	Drive to Kamloops
	Mackenzie	Drive Kamloops to Mackenzie arrive 19:30
June 20	Mackenzie	Buy food, fuel, drove to Uslika Lake
	Cat Mtn	Uslika Lake to Cat Camp arrive 18:30
June 21-23	Property	Show geo. Cole and Govt geologist around
June 24	Cat Mtn	Showed Cat Mountain to Govt Geologist
June 25	Cat Mtn	Sampling
June 27	Cat Mtn	Packed up camp
June 28	Prince George	Drove Cat Mountain Prince George
June 29	Surrey	Drove Prince George to Surrey
12 days		End of notes

FIGURE 9.. Switchback and Braggzone claims and Rock sampling Areas



A total of 11 rock samples were taken by Jared Put, prospector as shown in the accompanying notes:

Sample Log Jared Put Samples 2019

Sample	East	North	Elev.	Description
19004	350941	6213474	1031	June 25, Alteration zone, kspar, syenite w malachite, chalco, biotite, mafic bands Chlorite, hematite, minor silica 2 samples.
19006	350703	6213105	984	Bedrock, pyrite speckled thru diorite, much mafic
19007	350684	6213119	982	Very similar to 19006
19008	350837	6212945	962	Similar to last 2, hematite, splash of malachite, minus pyrite
19009	352509	6215557	1723	Near No 1 vein, roughly parallel
19010	354533	6214559	1203	Switchback zone Strongly mineralized float, chalcopyrite, pyrite stringers
19011				No sample taken
19012	350849	6212926	959	Syenite and Diorite Not assayed
19013	350940	6213478	1029	Syenite, kspar, altered w mafics Not assayed
19014	352448	6215598	1694	Syenite sample for Peter Fox, taken whereno1 vein and 00 vein meet. Various syenite mixtures. Columnar joints. About 20 lb. sample
19003	350943	6213460	1026	June 29, Resample last year, aplite w moly and chalco in syenite, or granodiorite, lots of mafics Not assayed
19001				No sample
19002				No sample
19005	350812	6213191	1001	Waypoint no sample
				Soil sample CB 001-014 See Bragg notes
11 samples				END OF SAMPLE NOTES 14 Waypoints, In addition 2 lith samples for Peter Fox

Results:

Jared Put's Soil and Rock samples were taken to ALS Laboratory July 22 and analyzed by ICP methods. The ALS laboratory is an accredited laboratory. Because of the small number of samples, Standards, duplicates and blanks were not used.

Results were obtained August 20 and are shown below:

Rock Samples:

Unfortunately, only 6 of the rock samples were submitted for assay, the balance were hand specimens. Two of these are strongly anomalous for copper and gold, with elevated Iron.

Jared Put Rock Samples 2019

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21	Au-GRA21
SAMPLE DESCRIPTION	**Ag ppm**	**Cu ppm**	**Fe %**	**Mn ppm**	**Mo ppm**	**Pb ppm**	**S %**	**Zn ppm**	**Au ppm**	**Au ppm**
19004JP	0.6	**927**	3.68	1005	12	10	0.06	60	0.001	
19006JP	<0.5	4	17.25	3800	1	<2	0.02	213	<0.001	
19007JP	<0.5	47	12.8	3670	1	<2	0.01	225	0.001	
19008JP	<0.5	122	12.35	3080	1	3	0.03	205	<0.001	
19009JP	2.6	**4350**	32.9	410	3	<2	0.06	33	**>10.0**	**10.65**
19010JP	2.9	**7160**	5.71	492	3	3	1.51	91	**0.254**	

ALS Laboratory North Vancouver BC

Samples 19004 to 19008 are from the logged area above the soil sample line. One only is anomalous for copper (927 ppm) while three others have strongly elevated Iron and elevated Manganese, possibly suggesting Duckling Creek rocks in the area.

Samples are variably anomalous in Ag, Cu, Fe, Mo, S, Zn, and Au. Sample 19009 with **4350 ppm copper 32.9 % Fe and 10.65 ppm gold**, is from an area about 10 meters south and west of the Number 1 vein area. One historical map (See next Page) shows a vein here labelled No 2 vein. From the assay it is clear the sample is a magnetite copper vein similar to No 1 vein.

The other strongly anomalous sample 19010 is from a piece of float adjacent to the Switchback arsenic anomaly and drill pad. There was a similar copper gold float sample found last year (2018 report). The significance of the one sample is unknown, but the area deserves renewed attention.

One additional anomalous sample K107 is from an area well of the property and this sample is not included for discussion or in the cost statement.

FIGURE 10. SAMPLE 19009JP AND NO 1 AND 2 VEINS

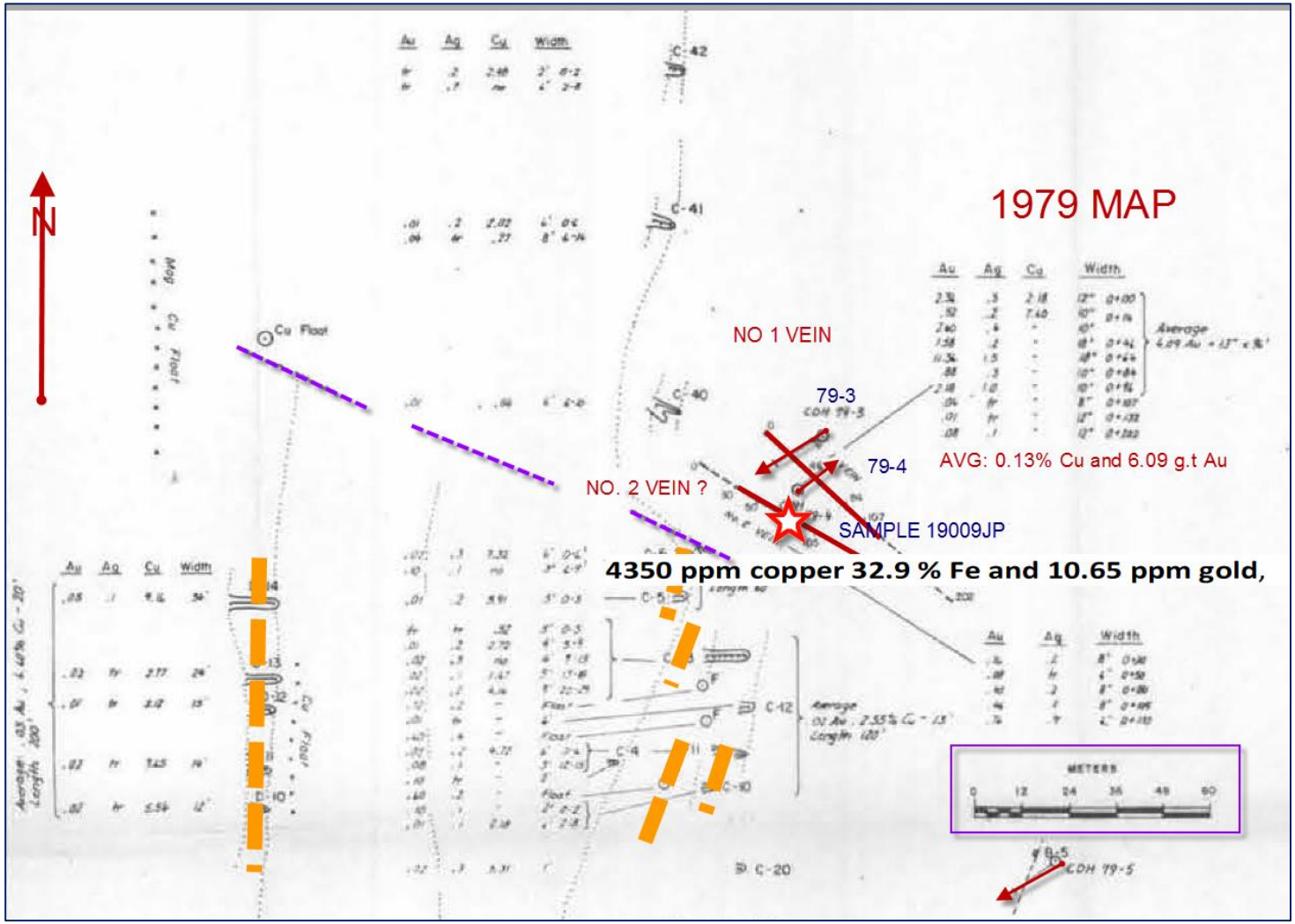
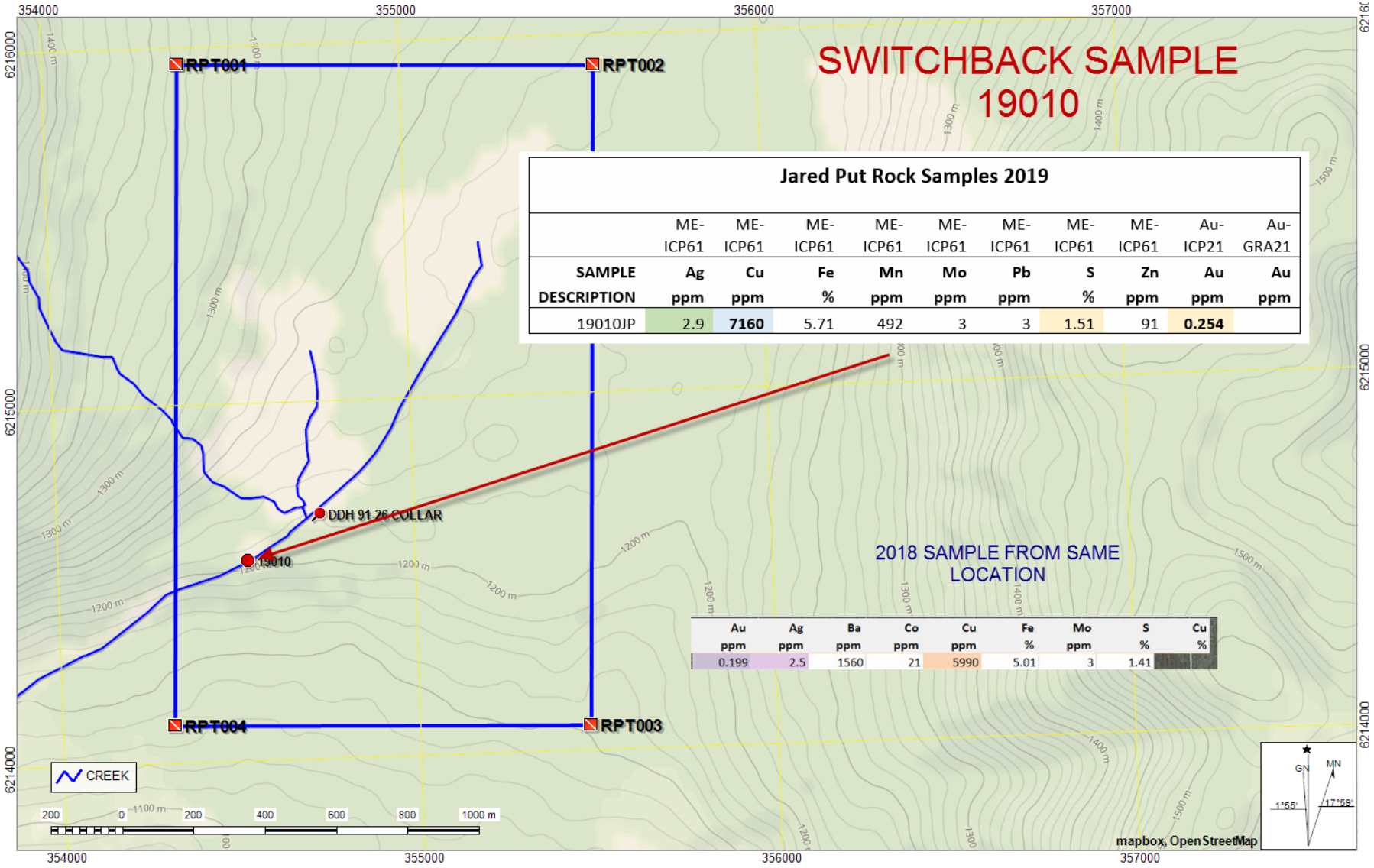


FIGURE 11. 2019 SAMPLE 19010



Jared Put Rock Samples 2019

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21	Au-GRA21
SAMPLE DESCRIPTION	Ag ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	S %	Zn ppm	Au ppm	Au ppm
19010JP	2.9	**7160**	5.71	492	3	3	1.51	91	**0.254**	

Au ppm	Ag ppm	Ba ppm	Co ppm	Cu ppm	Fe %	Mo ppm	S %	Cu %
0.199	2.5	1560	21	5990	5.01	3	1.41	

Figure 12. 2019 Lithological and Vein sample, Cat Mountain

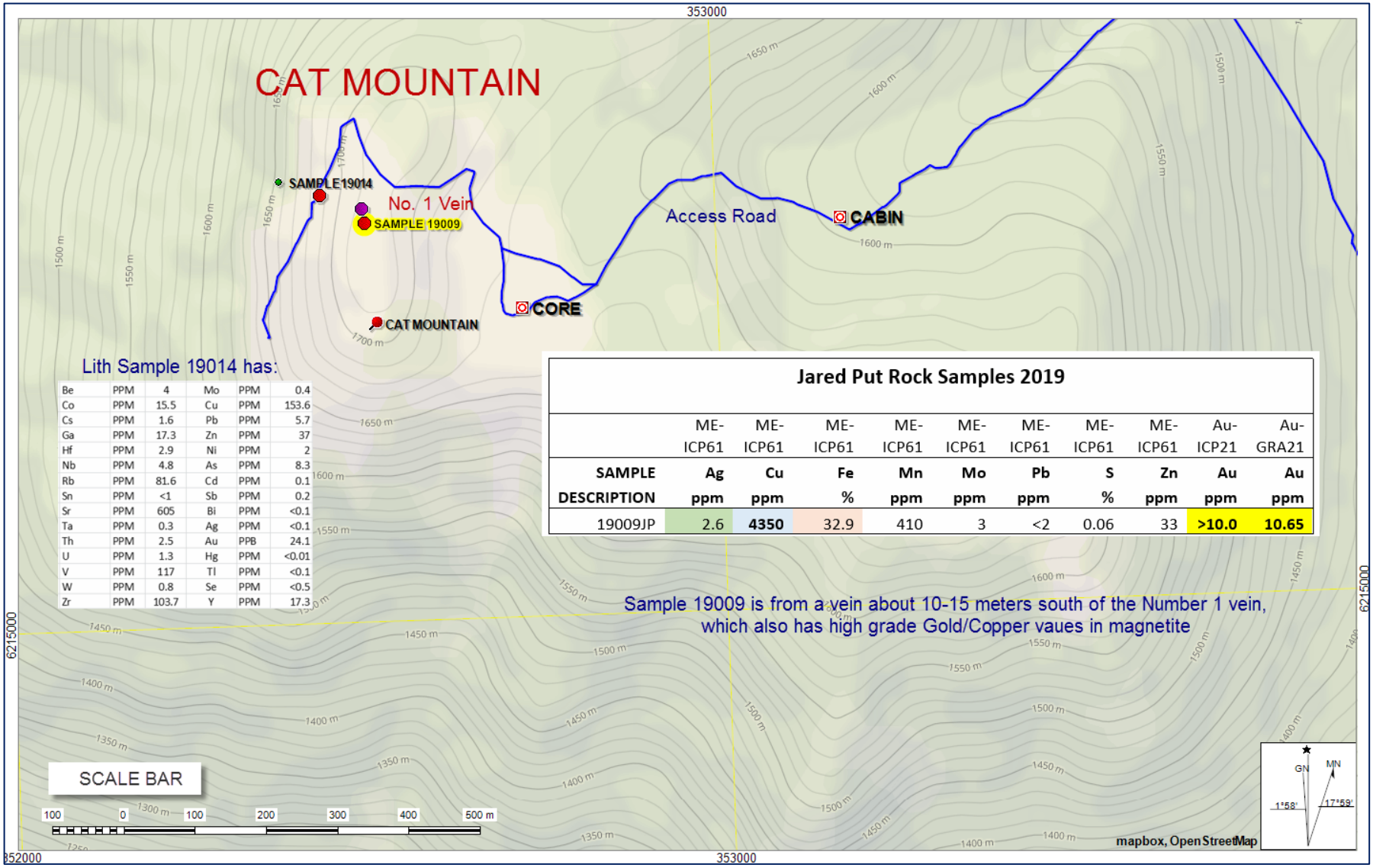
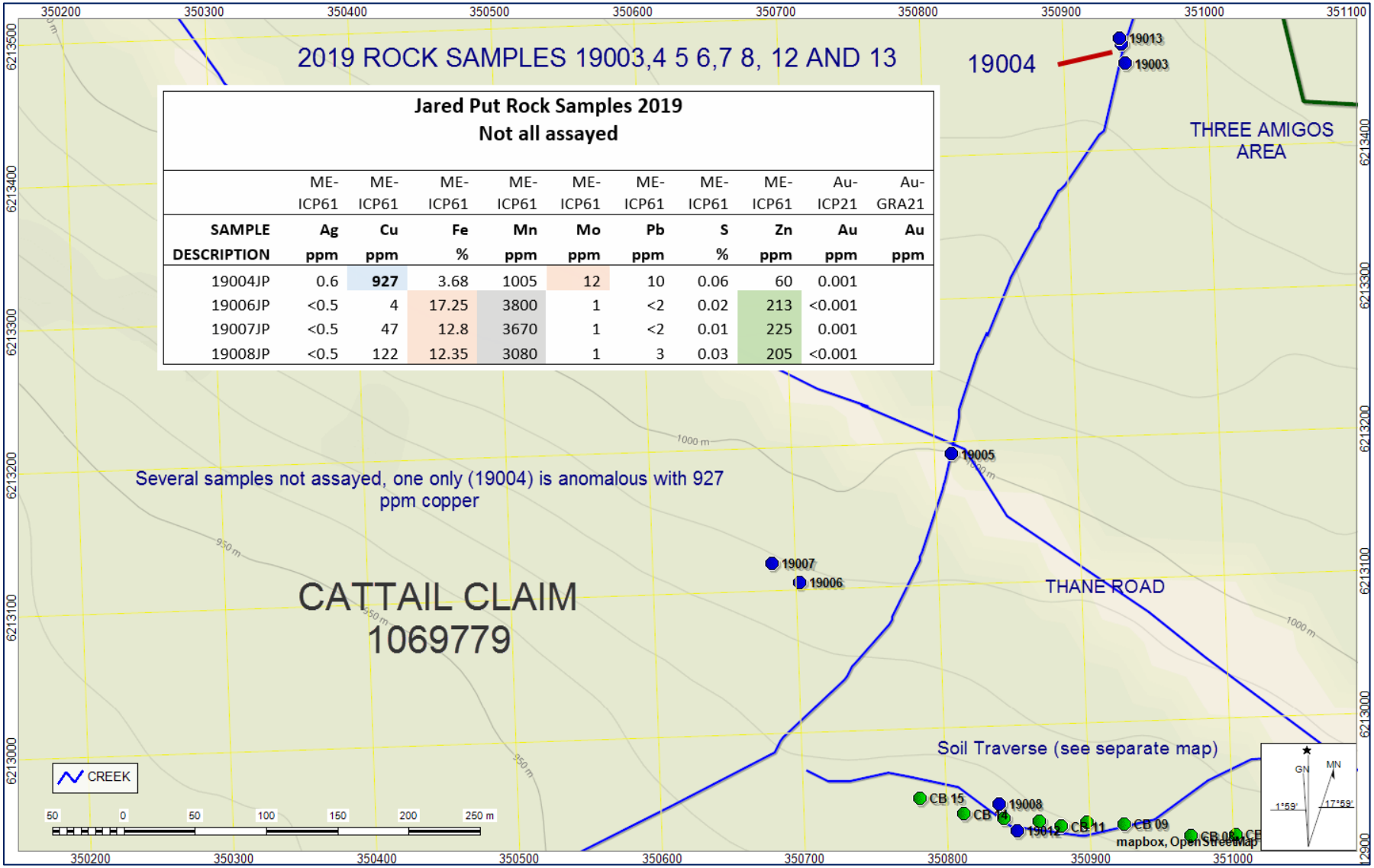


Figure 13. 2019 Cattail claim rock sample locations and results



Jared Put Rock Samples 2019
Not all assayed

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21	Au-GRA21
SAMPLE DESCRIPTION	**Ag ppm**	**Cu ppm**	**Fe %**	**Mn ppm**	**Mo ppm**	**Pb ppm**	**S %**	**Zn ppm**	**Au ppm**	**Au ppm**
19004JP	0.6	**927**	3.68	1005	12	10	0.06	60	0.001	
19006JP	<0.5	4	17.25	3800	1	<2	0.02	213	<0.001	
19007JP	<0.5	47	12.8	3670	1	<2	0.01	225	0.001	
19008JP	<0.5	122	12.35	3080	1	3	0.03	205	<0.001	

Soil Samples:

A traverse was completed along an old road by Don Bragg near the area where Jared Put took soil samples, west of the Three Amigos area. A map showing the location is below:

Of the Fifteen samples taken on a line below some rock samples in a cleared area immediately west of the Three Amigos area, perhaps only three are anomalous for gold, and one for copper. Two have slightly elevated iron content and one sample about twice background for Zinc.

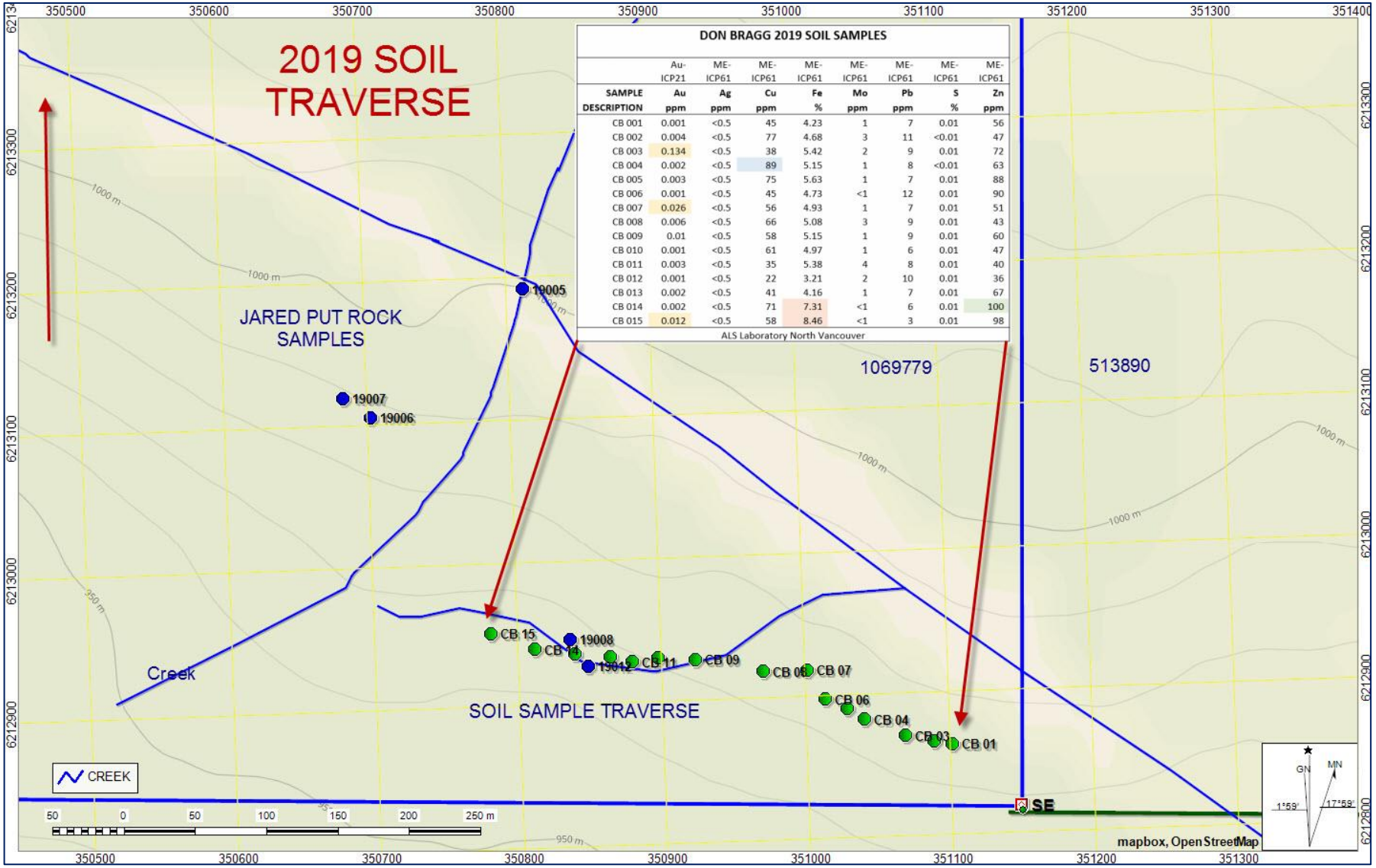
DON BRAGG 2019 SOIL SAMPLES

	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE DESCRIPTION	**Au ppm**	**Ag ppm**	**Cu ppm**	**Fe %**	**Mo ppm**	**Pb ppm**	**S %**	**Zn ppm**
CB 001	0.001	<0.5	45	4.23	1	7	0.01	56
CB 002	0.004	<0.5	77	4.68	3	11	<0.01	47
CB 003	0.134	<0.5	38	5.42	2	9	0.01	72
CB 004	0.002	<0.5	89	5.15	1	8	<0.01	63
CB 005	0.003	<0.5	75	5.63	1	7	0.01	88
CB 006	0.001	<0.5	45	4.73	<1	12	0.01	90
CB 007	0.026	<0.5	56	4.93	1	7	0.01	51
CB 008	0.006	<0.5	66	5.08	3	9	0.01	43
CB 009	0.01	<0.5	58	5.15	1	9	0.01	60
CB 010	0.001	<0.5	61	4.97	1	6	0.01	47
CB 011	0.003	<0.5	35	5.38	4	8	0.01	40
CB 012	0.001	<0.5	22	3.21	2	10	0.01	36
CB 013	0.002	<0.5	41	4.16	1	7	0.01	67
CB 014	0.002	<0.5	71	7.31	<1	6	0.01	100
CB 015	0.012	<0.5	58	8.46	<1	3	0.01	98

ALS Laboratory North Vancouver

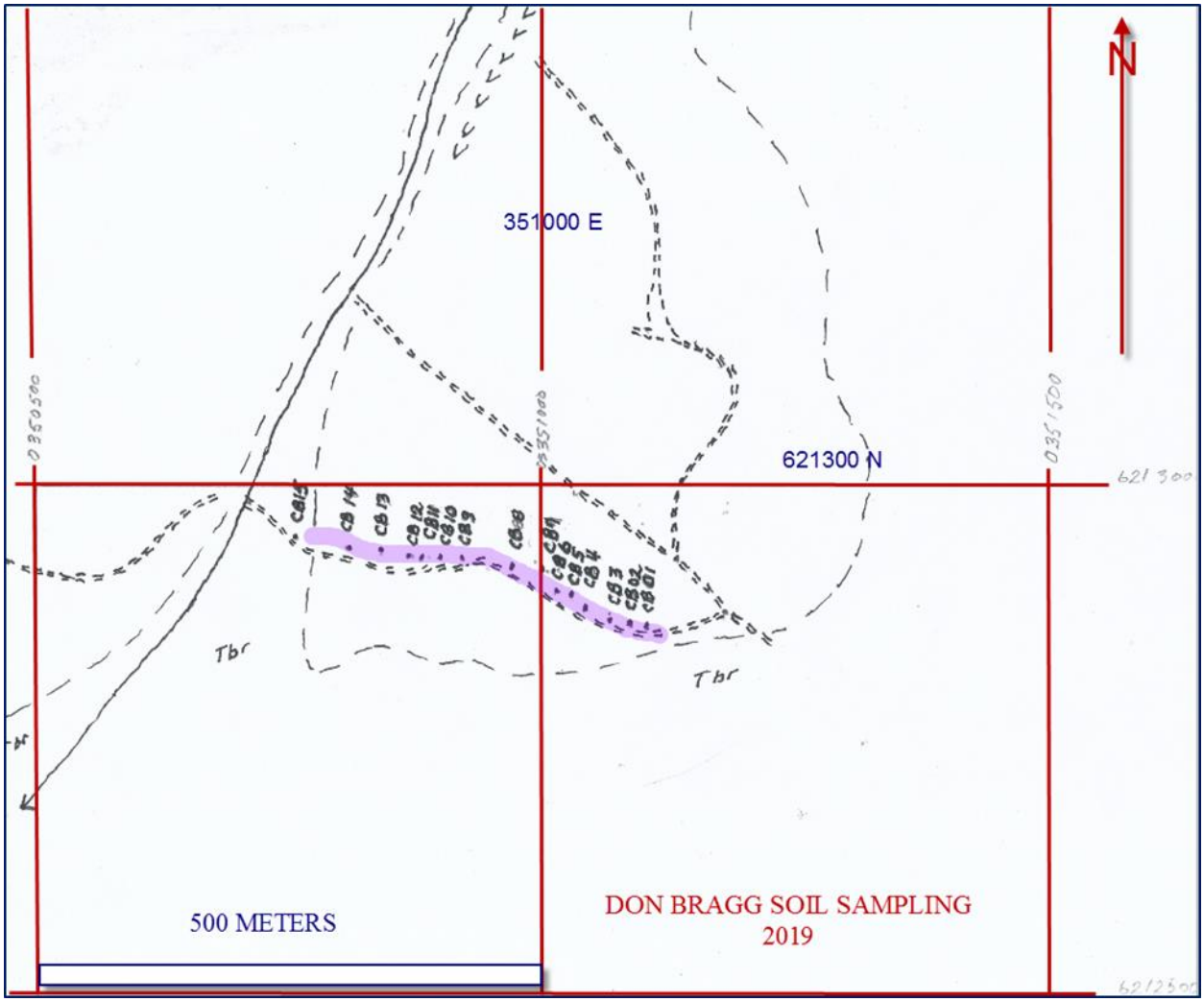
The sampling should be continued northward. The one gold value of 0.134 ppm is significant. Complete analytical sheets with all elements is provided in an Appendix.

FIGURE 14. 2019 SOIL TRAVERSE



SAMPLE DESCRIPTION	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Mo ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Zn ppm
CB 001	0.001	<0.5	45	4.23	1	7	0.01	56
CB 002	0.004	<0.5	77	4.68	3	11	<0.01	47
CB 003	0.134	<0.5	38	5.42	2	9	0.01	72
CB 004	0.002	<0.5	89	5.15	1	8	<0.01	63
CB 005	0.003	<0.5	75	5.63	1	7	0.01	88
CB 006	0.001	<0.5	45	4.73	<1	12	0.01	90
CB 007	0.026	<0.5	56	4.93	1	7	0.01	51
CB 008	0.006	<0.5	66	5.08	3	9	0.01	43
CB 009	0.01	<0.5	58	5.15	1	9	0.01	60
CB 010	0.001	<0.5	61	4.97	1	6	0.01	47
CB 011	0.003	<0.5	35	5.38	4	8	0.01	40
CB 012	0.001	<0.5	22	3.21	2	10	0.01	36
CB 013	0.002	<0.5	41	4.16	1	7	0.01	67
CB 014	0.002	<0.5	71	7.31	<1	6	0.01	100
CB 015	0.012	<0.5	58	8.46	<1	3	0.01	98

FIGURE 15. Don Bragg Sketch of 2019 soil Traverse



Lithology Sample:

At the request of Dr. Peter Fox, PhD, P.Eng. consulting geologist, Jared Put collected a lithological sample of the “syenite” at 190014 at the top of Cat Mountain in a dyke adjacent to the Number 1 vein zone.

Dr. Fox’s brief report is provided below:

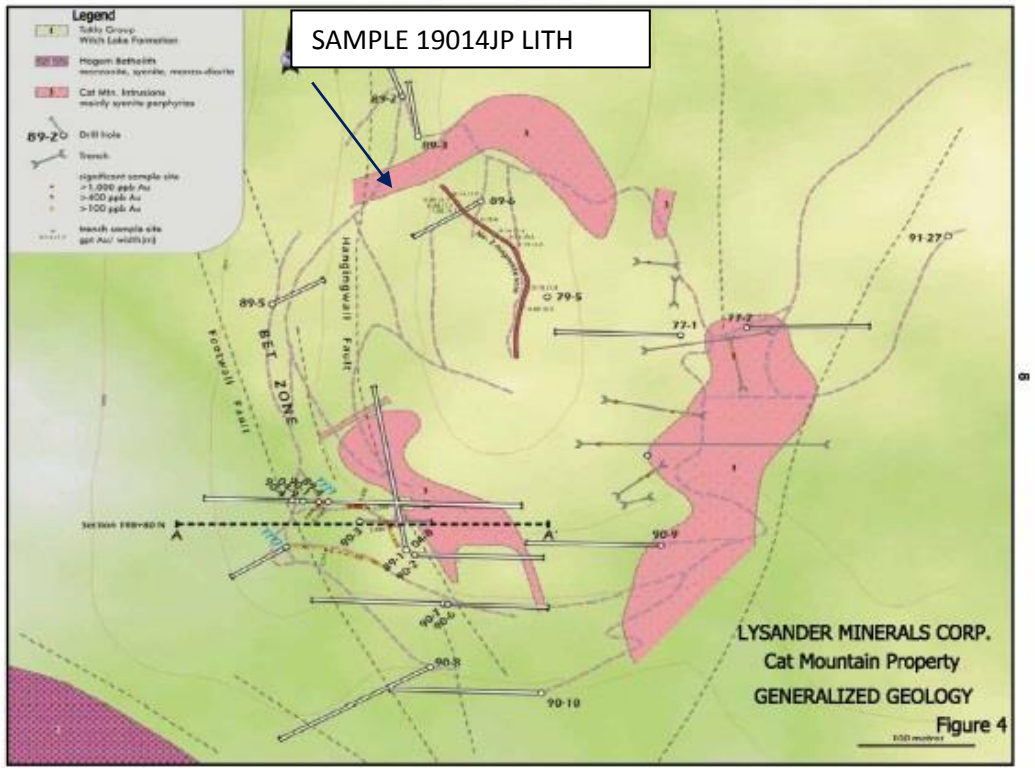
Description

A Sample was collected by prospector Jared Put on the north summit of Cat Mountain just north of the #1 vein workings at UTM 352484E 6215585N. The Sample was submitted to Bureau Veritas Commodities Canada Ltd (procedures LF200 and AQ200, **Fox sample 3546**, See Certificate referenced herein

The sample was treated by lithium borate fusion and Induction Coupled Plasma (ICP) ES finish, for 54 elements and whole rock components. Results are attached below. A similar sample from same location was previously dated at 204 ±0.4MA (BCGS Map place)

The sample is Fine to medium grained feldspar porphyry consisting of 40% blocky, tabular, subhedral feldspar phenocrysts to 5mm, rare acicular hornblende phenocrysts (3mm) set in a fine-grained feldspar, hornblende and magnetite matrix. Hornblende, 20%, forms acicular crystals weakly altered to chlorite. Magnetite forms isolated equant grains <1mm, 2-3%. Pinkish zones may represent K replacement of plagioclase phenocrysts. Possible trace quartz(?).

FIGURE 16. Map of Sample 19014 JP Location



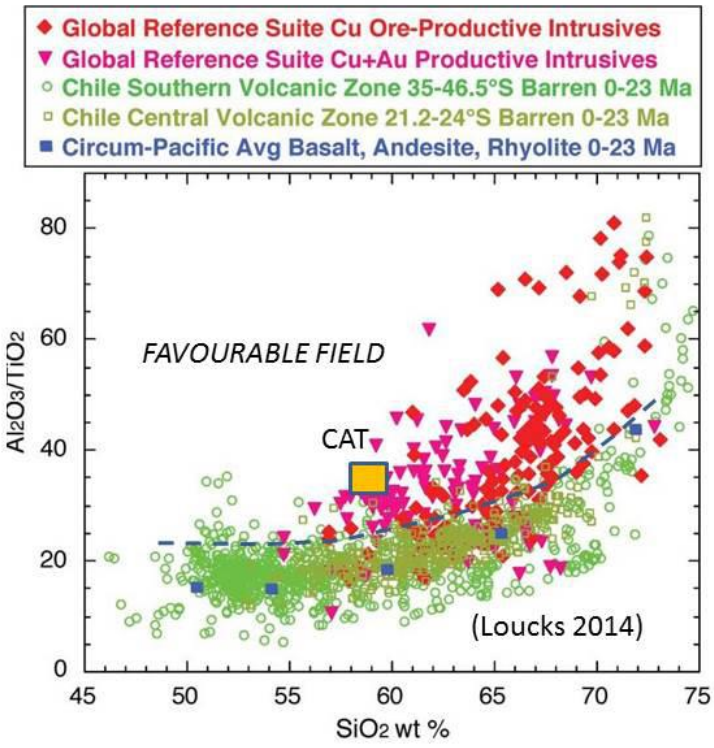
CAT ROCK CHARACTERIZATION # 19014JP

Whole rock

SiO2	58.36
Al2O3	18.26
Fe2O3	5.97
MgO	1.67
CaO	4
Na2O	5.29
K2O	3.84
TiO2	0.49
P2O5	0.29
MnO	0.07

Norm Composition

Quartz	2.74
Plagioclase	59.92
Orthoclase	24.21
Diopside	1.9
Hypersthene	3.35
Ilmenite	0.15
Hematite	6.07
Apatite	0.67
Sphene	1.03
Total	100



FIGURES 17, 18 LITHOLOGICAL CHARTS

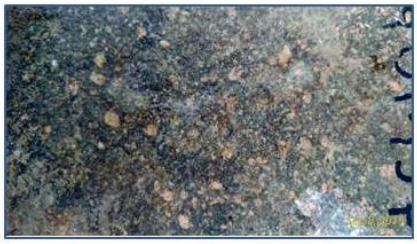
Whole Rock **DRAFT**

SiO2	58.36
Al2O3	18.26
Fe2O3	5.97
MgO	1.67
CaO	4.00
Na2O	5.29
K2O	3.84
TiO2	0.49
P2O5	0.29
MnO	0.07
Cu	153.6
Au	24.1
LOI	1.4
Sum	99.83

Norm vol%

Quartz	0.96
Plagioclase	62.3
Orthoclase	26.11
Diopside	2.6
Hypersthene	5.25
Ilmenite	0.55
Magnetite	1.63
Apatite	0.8
Total	100

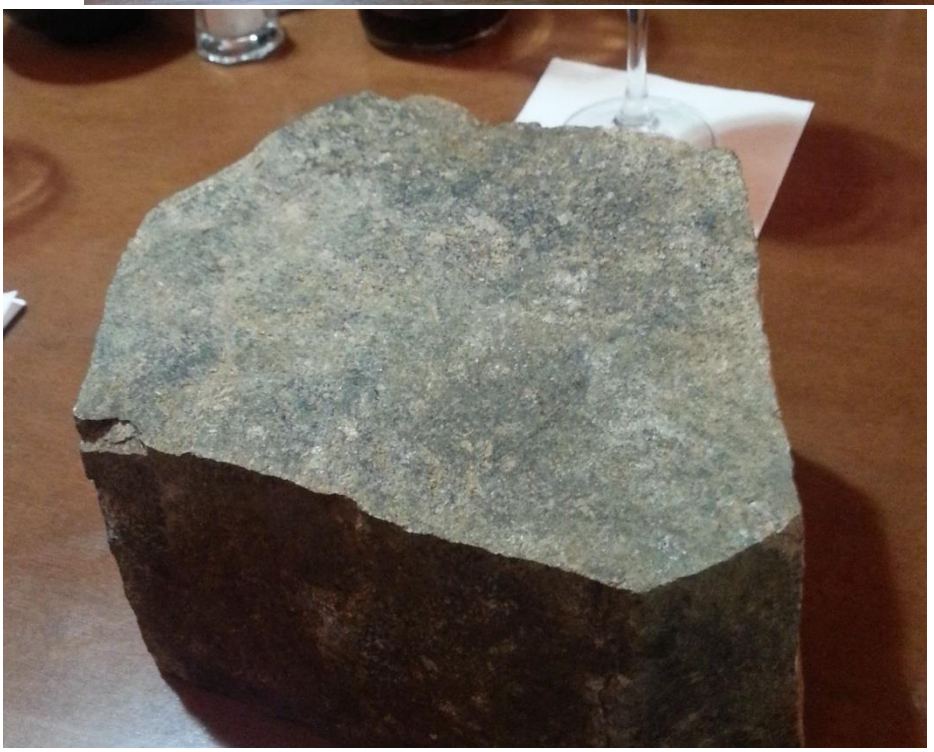
Assumes Fe+3.Fe= .35



Sample is quartz-hypersthene normative..weakly calcalkaline

FIGURES 19, 20: ORIGINAL SAMPLE PHOTOS, 19014 JP

Note that the sample from a dyke, has hexagonal jointing pattern



Results

Results are summarized below:

The rock is weakly calcalkaline and saturated with respect to normative quartz + hypersthene. Yb/Y indicates calcalkaline chemistry. Normative nepheline, typical of the Alkaline suite porphyry deposits, is absent. It is probably more typical of the Kwanika porphyry to the south and Red Chris **and Kerr** in north central BC and related to emplacement of an early phase of the Hogem Batholith.

The sample plots in Loucks (2014) "fertile" fields on silica vs Al_2O_3/TiO_2, Sr/Y and V/Sc diagrams. Gold and copper contents are 24 ppb and 154 ppm respectively. Sample 19014JP is essentially unaltered but samples from Lysander hole 04-8 show a phyllic alteration trend. Pink "syenites" are probably late stage deuteric or very early hydrothermal wherein matrix and plagioclase phenocrysts are altered to K feldspar and later overprinted by sericite+pyrite+chlorite±carbonate[1].

A depth of emplacement of 4 km is indicated (Murakami et al 2010). This estimate is probably consistent with a mineralized dike complex related to the Hogem Batholith.

Suggestions

A thin section report should be prepared to follow-up on this work.

Costs

Analyses Bureau Veritas 1 sample 54 elements ICP/ES	65
P E Fox P.Eng, PhD. 2 days at $1200/day Sept 8,9 2019	2,400
Total	$2,465

Dated September 9, 2019

* NB Norm calculation after Kurt Hollocher, Geology Department, Union College, Schenectady, NY, 12308, xcel pgm

References

- Loucks R. 2014. Australian Journal Earth Sciences 61-1
- Bragg D., Price B. and Fox P.E. 2018. Geochemical and Geophysical Report on the Pinchi Property.. Aris# 37051
- Murakami H, Seo J and Heinrich C 2010. The relation between Cu/Au ratio and formation depth of Analyses

A summary of the rock analyses leading to the classification is given below, with certificates in an Appendix.

[1] And not primary or liquidus minerals.

FIGURE 21. RESULTS OF ALTERATION STUDY (Fox 2019)

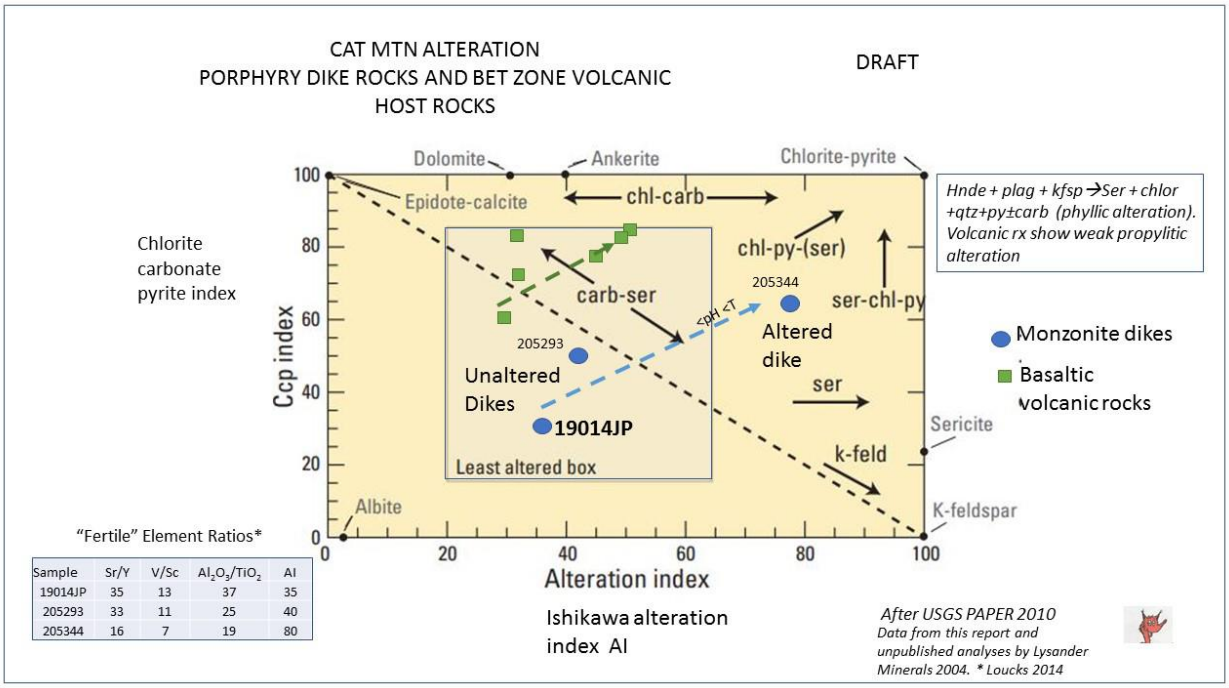


FIGURE 22. Photograph of sample 2019014 JP

Bureau Veritas Commodities Canada Ltd.					Final Report			
Client:	P.FOX							
File Created:								
Job Number:								
Number of Samples:								
Project:	PINCHI							
Shipment ID:								
P.O. Number:								
Received:	30-Jul-19							
			Analyte	Unit		Analyte	Unit	
		Wgt	SiO2	%	58.36	La	PPM	17.1
		KG	Al2O3	%	18.26	Ce	PPM	34
19014JP/3546	Rock	0.36	Fe2O3	%	5.97	Pr	PPM	4.21
Cat whole rock			MgO	%	1.67	Nd	PPM	17.2
Certificate			CaO	%	4	Sm	PPM	3.7
VAN19002024			Na2O	%	5.29	Eu	PPM	1.07
			K2O	%	3.84	Gd	PPM	3.54
			TiO2	%	0.49	Tb	PPM	0.52
			P2O5	%	0.29	Dy	PPM	3.04
			MnO	%	0.07	Ho	PPM	0.64
			Cr2O3	%	<0.002	Er	PPM	1.85
			Ba	PPM	1375	Tm	PPM	0.28
			Ni	PPM	<20	Yb	PPM	1.81
			Sc	PPM	9	Lu	PPM	0.3
			LOI	%	1.4	TOT/C	%	<0.02
			Sum	%	99.83	TOT/S	%	0.03
			Be	PPM	4	Mo	PPM	0.4
			Co	PPM	15.5	Cu	PPM	153.6
			Cs	PPM	1.6	Pb	PPM	5.7
			Ga	PPM	17.3	Zn	PPM	37
			Hf	PPM	2.9	Ni	PPM	2
			Nb	PPM	4.8	As	PPM	8.3
			Rb	PPM	81.6	Cd	PPM	0.1
			Sn	PPM	<1	Sb	PPM	0.2
			Sr	PPM	605	Bi	PPM	<0.1
			Ta	PPM	0.3	Ag	PPM	<0.1
			Th	PPM	2.5	Au	PPB	24.1
			U	PPM	1.3	Hg	PPM	<0.01
			V	PPM	117	Tl	PPM	<0.1
			W	PPM	0.8	Se	PPM	<0.5
			Zr	PPM	103.7	Y	PPM	17.3

Analytical results from Bureau Veritas
FOR Peter Fox, Pinchi sample 19014

NORM CACULATION	
VOLUME %	
(Assumes Fe_2O_3:Σfe = 0.35)	
Quartz	0.96
Plagioclase	62.3
Orthoclase	26.11
Diopside	2.6
Hypersthene	5.25
Ilmenite	0.55
Magnetite	1.63
Apatite	0.8
Total	100

Results of analyses of whole rock and elements,
* NB Norm calculation after Kurt Hollocher, Geology Department, Union College, Schenectady, NY, 12308, xcel pgm

OTHER OBSERVATIONS

A review of core assays revealed that drill holes 90-14, 91-15 and 91-16 have **cobalt** associated with copper, molybdenum, arsenic manganese and iron (magnetite?) The best value was in DDH 90-14:

CAT MOUNTAIN Drill hole 90-14									
Hole_id	**From**	**To**	**Length**	**Mo(ppm)**	**Cu(ppm)**	**Co(ppm)**	**Mn(ppm)**	**Fe(%)**	**As(ppm)**
90-14	53.40	54.70	1.30	62	4075	2043	510	**25.06**	318
90-14	54.70	56.00	1.30	87	2301	793	791	**24.67**	192
averages	53.4	56	2.6	75	3188	1418	651	25	255

CONCLUSIONS

In spite of the inadvertent sampling of several samples off the claims, which required staking a new claim, the sampling was relevant to the project and effective in evaluating the southern area of the Cattail claim. A broad scale soil and rock sampling program next season may show some promise for the area. Examination of the switchback area for a possible gold/arsenic correlation, and examination of the Cobalt values in DDH 90-14 is suggested.

RECOMMENDATIONS

Recommendations for the three properties are:

- Additional prospecting on the OSI 18 claim to determine the source of the well mineralized float from 2017 and 2018, with PGM values. A small grid with soils and magnetics may outline the ultramafic or mafic source rock
- For the Switchback zone with its “blind” arsenic anomaly, a grid-based approach with soils is probably the best approach. Exact location of the drill hole should be found. An IP anomaly may be present with disseminated pyrite and/or arsenopyrite.
- For the Braggzone, a short drill hole to cross the north trending mineralized shear is recommended. Additional copper mineralization is reported above the trenches. (Bragg personal communication) This small claim might be amalgamated with the nearest claim.
- Additional prospecting and sampling of the Three Amigos zone and westward, in the area that was briefly prospected in 2019

SUGGESTED BUDGET

As these claims have been transferred to Serengeti Resources as part of their large option package, and a field program is underway as of the date of this report, any budget suggested here will be irrelevant.

REFERENCES

Bragg, Donald K and Price, Barry J, (2017) Pinchi and Cat Mountain Projects, Assessment Report for 2016 work.

Bragg, Donald K and Price, Barry J, (2018) Pinchi and Cat Mountain Projects, Assessment Report for 2017 work.

Bragg, Donald K and Price, Barry J, (2018) Pinchi and Cat Mountain Projects, Assessment Report for 2018 work.

Garnett, J.A. (1972): Geology and mineral occurrences of the southern Hogem Batholith, B.C. Ministry of Mines and Petroleum Resources, Bulletin 70,75 pages.

Madu, B.E., and Ballantyne, T., 2018. Search project: Phase III activities in north-central British Columbia (Phase III, covering NTS 094C, D, E, F, 093M, N). Geoscience BC Summary of Activities 2017: Minerals and Mining, Geoscience BC, Report 2018-1, pp. 1-6.

Ootes, Luke, Anika Bergen, Dejan Milidragovic, Ben Graham, and Reid Simmonds (2019); Preliminary geology of northern Hogem batholith, Quesnel terrane, north-central British Columbia. Geological Fieldwork 2018, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2019-01

Price, Barry J, (2007); Technical Report Pinchi Copper-Gold Project, Hogem Batholith, Omineca Mining Division BC, Map sheets 093N, 094C, prepared for: Lysander Minerals Corporation by B.J. Price Geological Consultants Inc. dated December 15, 2007

Price, Barry J. and McLaughlin, J. (2012) Assessment Report - Airborne Geophysical Survey OGK Copper Gold Property, Osilinka River and Haha Creek, Omineca Mining Division. Map sheets 94 C and D

ITEMIZED COST STATEMENT

2019 ASSESSMENT COSTS
JUNE 18 - JUNE 29 2019
Cat and Pinchi properties

MOBILIZATION			Mobilize Surrey-Kamloops-Cat camp August 16-31 2018			
NAME	**DATES**		**MOBILIZE**	**WORK days**	**RATE**	**AMOUNT**
WAGES	**FROM**	**TO**	**days/hrs**	**hrs**	**day/hr**	
Don Bragg	Jun-18	Jun-20	2.5		$ 450.00	$ 1,125.00
Jared Put	"	"	2.5		$ 300.00	$ 750.00
RENTALS						
Jared Put truck	Jun-18	Jun-20	2.5		$ 110.00	$ 275.00
						$ 275.00
EXPENSES	Jun-18	Jun-20				
Groceries, fuel etc	estimate	3 men	3 days			$ 550.44
						$ 550.44
TOTAL MOB COSTS						**$ 2,700.44**

FIELD WORK			June 20-June 27		
NAME	**DATES**		**WORK days**	**RATE**	**AMOUNT**
WAGES	**FROM**	**TO**	**hrs**	**day/hr**	
Don Bragg	Jun-18	Jun-27	8	$ 450.00	$ 3,600.00
Jared Put	Aug-19	Aug-31	8	$ 300.00	$ 2,400.00
TOTAL FIELD WAGES					**$ 6,000.00**
RENTALS			June 20-June 27		
Jared Put truck			6.5	$ 110.00	$ 715.00
14 ft sleeping trailer			8	$ 25.00	$ 200.00
C Can storage			8	$ 50.00	$ 400.00
Camp and equipment			8	$ 110.00	$ 880.00
Communication		inreach	8	$ 15.00	$ 120.00
4 kva gen set			8	$ 30.00	$ 240.00
Kitchen gear			8	$ 20.00	$ 160.00
Meals			54	$ 14.00	$ 756.00
Expenses	account				$ 579.37
TOTAL FIELD					**$ 4,050.37**
DEMOBILIZATION			June 28-Uune 29		

NAME WAGES	DATES FROM	TO	DEMOB days/hrs	WORK days hrs	RATE day/hr	AMOUNT
Don Bragg	June 28-	Jun-29	2.5		$ 450.00	$ 1,125.00
Jared Put	June 28-	Jun-29	2.5		$ 300.00	$ 750.00
						$ 1,875.00
RENTALS						
Jared Put truck	June 28-	Jun-29	2.5		$ 110.00	$ 275.00
						$ 275.00
EXPENSES	June 28-	Jun-29				
Groceries, fuel etc	estimate	3 men	3 days			$ 508.95
						$ 508.95

TOTAL DEMOB COSTS		**$ 2,658.95**
TOTAL COSTS	mob demob and field	**$ 13,259.76**

Note, this does not include samples, reports etc.

OFFICE COSTS	June 28-Sept 15	DAYS	RATE	AMOUNT
Don Bragg report		2.5	$ 450.00	$ 1,125.00
Barry Price Report		5	$ 500.00	$ 2,500.00
Peter Fox		2	$1,200	$ 2,400.00
1 assay 19014				$ 65.00
Assays				$ 705.00
TOTAL OFFICE COSTS				**$ 6,795.00**
TOTAL COSTS				**$ 20,054.76**

Amount actually filed for Initial Stage	**$14,814.39**
Amount filed to D Bragg PAC	**4,740.36**

STATEMENT OF QUALIFICATIONS – DONALD K. BRAGG

I, DONALD K BRAGG: Prospector, state as follows:

- Graduated Armstrong High School, Armstrong, B.C.
- Attended U.B.C. from 1958 to 1962, Faculty of Arts and Science, in Honours Geology.
- Worked in mineral exploration since 1956.
- Worked for Kenco Explorations during the summers of 1956, 1957 and 1959 in the Yukon and Northern B.C. as an assistant prospector, head prospector and geochemical sampler under the direction of Dr. R. Campbell and R. Woodcock.
- Worked as head prospector for the Nahanni Syndicate in the Northwest Territories in 1960 under the direction of Doug Wilmont.
- Worked as head prospector in the Yukon for Dualco in 1961 under the direction of E. Wozniak.
- Worked as head prospector for Mining Corp. of Canada, Southwestern B.C. in 1962 under J.S. Scott and Dr. K. Northcote.
- Worked as head prospector during the summer of 1963 for the Francis River Syndicate in central Yukon under the direction of Dr A. Aho.
- Worked as field geologist in the Greenwood area of B.C. for Scurry Rainbow Oil in 1965 under the direction of Bill Quinn.
- Worked as field supervisor for Alrae Explorations Ltd. from September 1965 to April 1967 under the direction of Rae Jury.
- Since 1956, self-employed contractor hired by various mining companies in the following fields: prospecting, property examination, claim staking, line cutting, topographical mapping, geological mapping, reconnaissance mineral sampling, draughting, air photo interpretation, geochemistry, geophysics, supervising property exploration programs, setting up bush camps, and camp manager.
- Since 1956, self-employed prospector working in various areas in British Columbia and on self-owned properties.
- Assisted in teaching field procedures for Geochemical Explorations Section of the Ministry of Energy, Mines and Petroleum Resources Mineral Exploration Course For Prospectors under the direction of Dr. S. Hoffman in 1984, 1985, 1986, 1987, 1988.
- Received the B.C. Provincial Grubstake Award for the years 1964, 1968, 1969, 1970, 1980, 1981, 1982, 1983, 1984, 1986, 1987, and 1988.
- Worked in the Rossland Camp from 1971 to 1991 as prospector/miner on the Snowdrop and Blue Bird Claims, and mining exploration contractor.
- Worked in the Osilinka and Cat Mountain area with Lysander Mining Corporation during the 2004, 2005, 2006, 2007, 2008 field seasons under the direction of Peter E. Fox, Ph.D., P.Eng., in setting up and managing the camp, prospecting, and mapping the area. Additional work in this area from 2009 to the present.
- Was Camp Manager at Cat Mountain in Northern B.C. from 2009 to 2019.

Respectfully submitted,

_____

Donald K. Bragg July 30, 2019

STATEMENT OF QUALIFICATIONS DR. PETER E FOX.

I, Peter E. Fox of Richmond, British Columbia do hereby certify that I:

- am a graduate of Queens University in Kingston, Ontario with a Bachelor of Science and Master of Science degrees in Geological Sciences in 1959 and 1962, and a graduate of Carleton University, Ottawa, Ontario with a degree of Doctor of Philosophy in 1966.
- am a member of the Association of Professional Engineers and Geoscientists of British Columbia #8133.
- have practiced my profession since 1966.
- am the author of this report dated September 9, 2019 and supervised all of the work therein.

Dated at Richmond, British Columbia this 9th Day of September, 2019
Respectfully submitted,

_____
Peter E. Fox PhD.,P.Eng.
September 9, 2019

CERTIFICATE OF AUTHOR BARRY JAMES PRICE, M.SC., P.GEO

I, Barry James Price, M.Sc., P.Geo. do hereby certify that:

I am an independent Consulting Geologist and Professional Geoscientist of B.J. Price Geological Consultants Inc. residing at 820 East 14th Street, North Vancouver B.C., Telephone 604-987-8950, 778-231-9192.

I graduated from University of British Columbia, Vancouver B.C., in 1965 with a Bachelor's Degree in Science (B.Sc.) Honours, in the field of Geology, and received a further Degree of Master of Science (M.Sc.) in Economic Geology from the same University in 1972.

I am a Professional Geoscientist registered with Engineers and Geoscientists, British Columbia (EG BC), (previously APEG BC.) (Number 19810, 1992)

I have practiced my profession as a Geologist for the past 56 years since graduation, in the fields of Mining Exploration, Oil and Gas Exploration, and Geological Consulting.

I have worked as a Geologist in Canada, the United States of America, in Mexico, The Republic of the Philippines, Indonesia, Cuba, Ecuador, Panama, Nicaragua, Chile, Argentina. Tajikistan, Serbia, Portugal, The People's Republic of China, and the Republic of South Africa,

I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101.

I am responsible for the preparation of sections of this Assessment report titled Assessment Report, titled: PROSPECTING ASSESSMENT REPORT, BRAGGZONE, SWITCHBACK AND OSI CLAIMS, Omineca Mining Division BC prepared by DONALD K BRAGG, BARRY PRICE M.Sc. P.Geo., and Peter E Fox, Prepared for: SERENGETI RESOURCES INC. and Dated Sept 15, 2019.

I have worked and reported on the subject claims from 1971 onward

This Assessment Report is not to be considered a National Instrument 43-101 compliant Report

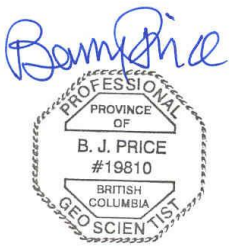
Barry James Price, M.Sc., P.Geo.,
Dated September 15, 2019

SIGNATURE PAGE

Dated at Vancouver B.C. this 15th day of September 2019

respectfully submitted

B.J. PRICE GEOLOGICAL CONSULTANTS INC.



per:_____

"Barry J. Price, M.Sc., P.Geo."
Qualified Person

Respectfully submitted,

Peter E. Fox PhD. P.Eng.
September 9, 2019

per: D. K. Bragg

Signature Donald K. Bragg

Appendix 2. Sample Notes and Locations GPS

JARED PUT TIME SHEET NOTES

Pinchi property 2019

DATE		DESCRIPTION
June 18	Logan Lake	To Surrey to pick up Don Bragg
June 19	Kamloops	Drive to Kamloops
	Mackenzie	Drive Kamloops to Mackenzie arrive 19:30
June 20	Mackenzie	Buy food, fuel, drove to Uslika Lake
	Cat Mtn	Uslika Lake to Cat Camp arrive 18:30
June 21-23	Property	Show geo. Cole and Govt geologist around
June 24	Cat Mtn	Showed Cat Mountain to Govt Geologist
June 25	Cat Mtn	Sampling
June 27	Cat Mtn	Packed up camp
June 28	Prince George	Drove Cat Mountain Prince George
June 29	Surrey	Drove Prince George to Surrey
12 days		End of notes

JARED PUT ROCK SAMPLES AND WAYPOINTS 2019

SAMPLE No.	TAG No.	EASTING m	NORTHING m	ELEV m	DESCRIPTION
19001					**No Sample**
19002					**No sample**
19003					**No record**
19004	L563998	350914	6213474	1031	Med grained orange syenite. 40% of rock has chalcopyrite, bornite considerable malachite Could run 2% Cu.
19005		350812	6213191	1001	WAYPOINT NO SAMPLE
19006	L563999	350703	6213105	984	Med grained diorite, strongly magnetic abt 20% fine grained pyrite Can see no chalcopyrite, malachite. Similar to next number 19007
19007		350684	6213119	982	Med grained diorite, strongly magnetic abt 20% fine grained pyrite Can see no chalcopyrite, malachite. Similar to next number 19006 Should be followed up
19008	L564000	350837	6212945	962	Highly altered, strongly magnetic fine pyrite and hematite,

					No chalcopyrite or malachite seen. Veinlet of pink syenite w epidote Similar to Delisle sample 207 at 351256/6213678
19009	V994622	352509	6215567	1723	Cat Mtn. Magnetite vein with malachite, v strong magnetic
19010	V994623	354533	6214559		a 30 cm vein south of and parallel No 1 Vein Diorite, non magnetic, Float in till, Angular parallel veinlets 1 mm thick, disseminations (sulphides?) minor malachite, copper could be 1%
19011					No sample ??
19012		350849	6212926	959	Med to coarse pink syenite, Mod magnetic No sulphides or malachite, NOT SENT IN FOR ASSAY
19013		350940	6213478	1029	Med to coarse pink syenite, slightly magnetic No sulphides or malachite, NOT SENT IN FOR ASSAY
19014		352448	6245598	1694	Cat Mtn. Lith Sample, hexagonals shape. Med grained syenite No sulphides or malachite, taken near No 1 vein Sample for Dr Peter Fox NOT SENT IN FOR ASSAY

APPENDIX 3. ALS SAMPLE SHEETS

2019 SOIL SAMPLE RESULTS

	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE DESCRIPTION	**Au ppm**	**Ag ppm**	**Al %**	**As ppm**	**Ba ppm**	**Be ppm**	**Bi ppm**	**Ca %**	**Cd ppm**	**Co ppm**	**Cr ppm**	**Cu ppm**
CB 001	0.001	<0.5	8.24	5	1600	1.4	<2	2.48	<0.5	11	19	45
CB 002	0.004	<0.5	8.14	<5	1490	1.5	<2	2.91	<0.5	12	20	77
CB 003	0.134	<0.5	7.91	<5	1460	1.3	<2	2.77	<0.5	13	22	38
CB 004	0.002	<0.5	8.2	6	1450	1.4	<2	2.92	<0.5	12	17	89
CB 005	0.003	<0.5	8.36	<5	1520	1.4	<2	3.14	<0.5	14	19	75
CB 006	0.001	<0.5	8.64	<5	1650	1.5	<2	2.72	<0.5	11	21	45
CB 007	0.026	<0.5	8.35	5	1560	1.3	<2	3.05	<0.5	11	14	56
CB 008	0.006	<0.5	7.92	5	1490	1.3	<2	3.29	<0.5	11	12	66
CB 009	0.01	<0.5	8.05	<5	1530	1.3	<2	3.17	<0.5	13	15	58
CB 010	0.001	<0.5	8.12	<5	1490	1.3	<2	3.08	<0.5	10	14	61
CB 011	0.003	<0.5	8.31	5	1550	1.3	<2	3.12	<0.5	10	14	35
CB 012	0.001	<0.5	7.93	<5	1530	1.1	2	3.22	<0.5	8	10	22
CB 013	0.002	<0.5	8.27	<5	1530	1.2	<2	3.09	<0.5	11	11	41
CB 014	0.002	<0.5	8.89	<5	1370	1.2	<2	3.15	<0.5	18	19	71
CB 015	0.012	<0.5	8.67	<5	1280	1.2	3	3.31	<0.5	16	19	58

SAMPLE DESCRIPTION	**Fe %**	**Ga ppm**	**K %**	**La ppm**	**Mg %**	**Mn ppm**	**Mo ppm**	**Na %**	**Ni ppm**	**P ppm**	**Pb ppm**	**S %**
CB 001	4.23	20	3.28	10	0.73	679	1	2.77	7	2020	7	0.01
CB 002	4.68	20	2.77	10	0.85	765	3	2.73	8	780	11	<0.01
CB 003	5.42	20	2.45	10	0.75	1580	2	2.43	9	1650	9	0.01
CB 004	5.15	20	2.15	10	0.89	817	1	2.45	8	1940	8	<0.01
CB 005	5.63	20	2.27	20	0.93	1210	1	2.52	9	1470	7	0.01
CB 006	4.73	20	2.95	10	0.81	1190	<1	2.79	9	1570	12	0.01

CB 007	4.93	20	2.35	10	0.82	750	1	2.64	4	1580	7	0.01
CB 008	5.08	10	2.11	10	0.86	711	3	2.64	5	1040	9	0.01
CB 009	5.15	20	2.1	10	0.88	804	1	2.59	6	2040	9	0.01
CB 010	4.97	20	2.09	10	0.86	688	1	2.62	8	1100	6	0.01
CB 011	5.38	20	2.14	10	0.8	659	4	2.61	4	930	8	0.01
CB 012	3.21	20	2.18	10	0.78	684	2	2.75	4	290	10	0.01

SAMPLE DESCRIPTION	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %
CB 013	4.16	20	2.12	10	0.89	985	1	2.49	6	1630	7	0.01
CB 014	7.31	20	1.84	10	1.15	1515	<1	2.01	9	2220	6	0.01
CB 015	8.46	20	1.73	10	1.19	1460	<1	2.04	9	2030	3	0.01

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE DESCRIPTION	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CB 001	<5	9	850	<20	0.33	<10	<10	148	<10	56
CB 002	<5	10	832	<20	0.37	<10	<10	166	<10	47
CB 003	<5	11	736	<20	0.46	10	<10	191	<10	72
CB 004	<5	12	725	<20	0.38	<10	<10	175	<10	63
CB 005	<5	13	769	<20	0.42	<10	<10	197	<10	88
CB 006	6	11	830	<20	0.42	<10	<10	170	<10	90
CB 007	5	12	783	<20	0.35	<10	<10	165	<10	51
CB 008	<5	11	769	<20	0.32	<10	<10	174	<10	43
CB 009	<5	12	768	<20	0.36	<10	<10	172	10	60
CB 010	<5	12	759	<20	0.35	<10	<10	170	<10	47
CB 011	5	12	786	<20	0.39	<10	<10	192	<10	40
CB 012	<5	11	806	<20	0.38	10	<10	127	<10	36
CB 013	7	13	727	<20	0.36	10	<10	135	<10	67
CB 014	<5	16	611	<20	0.5	<10	<10	268	<10	100
CB 015	<5	17	620	<20	0.57	10	<10	330	<10	98

2019 ROCK SAMPLE RESULTS

VA19179351 - Finalized **JARED PUT ROCK SAMPLES 2019**

CLIENT : "BRAGG - Bragg
# of SAMPLES : 6
DATE RECEIVED : 2019-07-22 DATE FINALIZED : 2019-08-03
PROJECT : " "
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
19004JP	0.6	7.05	5	1740	1.2	<2	1.3	<0.5	11	15	927	3.68
19006JP	<0.5	8.05	5	520	1.7	<2	0.4	<0.5	40	8	4	17.25
19007JP	<0.5	7.86	<5	700	1.7	<2	0.52	<0.5	30	8	47	12.8
19008JP	<0.5	7.89	11	830	1.7	2	1.21	<0.5	28	7	122	12.35
19009JP	2.6	3.6	28	880	<0.5	<2	1.83	<0.5	56	105	4350	32.9
19010JP	2.9	7.29	9	1450	1.3	5	2.65	0.9	21	8	7160	5.71

	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
DESCRIPTION	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
19004JP	20	4.36	20	0.78	1005	12	1.51	4	690	10	0.06	<5
19006JP	20	2.37	<10	1.84	3800	1	0.02	8	1880	<2	0.02	7
19007JP	20	2.72	<10	1.75	3670	1	0.03	8	1920	<2	0.01	10
19008JP	20	3.14	<10	1.79	3080	1	0.22	9	2000	3	0.03	9
19009JP	20	3.02	10	1.41	410	3	0.26	62	920	<2	0.06	15
19010JP	20	3.3	10	1.4	492	3	1.82	3	2130	3	1.51	<5

SAMPLE DESCRIPTION	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %	ME-ICP61 Tl ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Au-ICP21 Au ppm	Au-GRA21 Au ppm
19004JP	7	208	40	0.22	<10	10	72	<10	60	0.001	
19006JP	10	7	<20	0.15	10	<10	153	<10	213	<0.001	
19007JP	14	11	<20	0.23	<10	<10	192	<10	225	0.001	
19008JP	14	141	<20	0.24	<10	<10	182	<10	205	<0.001	
19009JP	23	164	<20	0.32	10	<10	219	10	33	>10.0	10.65
19010JP	17	408	<20	0.49	<10	<10	187	40	91	0.254	

J.P. June 30/2019

Our Mission up on Cat mountain was to Do a small amount of assessment work to cover a few claims, Assist the Gov't regional mapper, And Meet a Serengeti member to Tour.

We accomplish all 3 goals plus advanced our Knowledge of the Property & The Hogem Plutonic Suite.

—J.P 2019

J.P. June 2019

June 18 left Logan Lk @ 08:00, Arrived in Surrey @ 12:00 Roads were good, but plans changed and we (Don & I) had to go down to Waterfront in Vancouver to the lawyers. We also sold some of my placer gold @ $50/g (85% Pure) We travelled by bus & skytrain. By the time we returned to Don's and packed up it was 21:00. We decided to go for Kamloops. Roads good arrived @ 01:00 June/19/2019.

June/19/2019
We left @ 10:00 - 1200, Arrived in Muckenzie @ 19:30 - All on one gas up in Kamloops.

June/20/2019

Late start (Don Needed Supplies + Food + Fuel)

June 19 2019 Cont

. Stopped @ Ulika to say Hello to Govt Mapper. 17:30

Arrived in Camp 18:30 - 19:30

set up until 23:00 - Sleep

June 20 - June 24

20 → Camp
20 Don & Z check access & ~~take~~ ~~routes~~.
F 21 → Cole + Gait "E" Halte + Teck show
S 22 → Cole + Govt Nova + NE Boundary
S 23 → Cole leaves @ 16:30 23/2019
M 24 → Coal Mtn w/ Govt
T 25 → Coal Block

J.P. June 25/2019

@ Creek From Spam Lake

Sample: 190047P
Loc: 0350941 6213474
Elev 1031m

* Notes: Some Rotted out Carbonate veins running through some pieces Very competent Rock

Description: Alteration Zone (K-spar) Syenite w/ little malachite, chalco, barite, and mafic bands/Fingers in the center of these veins/Fingers some chlorite alteration, hematite minor silica - No epidote? Hornblend/Augite = Black crystals → poor crystal growth
Filled Vugs →

0350703
Loc: 6213105
Sample: 190063P Elev 984m

Bed rock OC at various Forms, located just past Hwy 37 Rd Bridge which is out → see Dons Map
Appears to be pyrite speckled throughout the diorite rock. Mafic material makes up a fair amount of this rock.

Sample # 19007JP
0350684
Location: 6213119

Ele: 962m

Description: Very similar to #19006JP.
but several meters away.

Sample # 19008JP
0350837
Loc: 6212948

Ele: 962m

Description: Similar to 19007JP & 19006JP
but w/ hematite, / possible splash of malachite, And minus the pyrite?

Possible fluid pathway

J.P June 2019

Sample # 19009JP
Location: 0352509
6215557

Elevation: 1723m

Notes: Roughly Parallel to No. 1

*In old Notes (Possibly Emil Bruland) talks about a 2nd Parallel vein to the #1
If not it's a NEW No, to Show.
See No. 1 vein Description but only 30cm wide.

Sample # 19010JP

Loc: 0354533
6214559

E: 1203m

Description: Switch back Zone.

Highly mineralized float (hg Rock w/ chalco & pyrite in fractures as stronger.

J.P.

Sample # 19011 JP

Ls

No Sample OR Data Taken

E:

Description:

Sample # 19012 JP

Ls 0350849
6212926

E: 959m

Description: Syenite / Dunite

J.P

Sample # 19013 JP

Ls 0350940
6213478

E: 1029m

Description: Syenite (K-spar) Altered w/ mafics
: Fingers & ~~Mineral~~* coming through similar
to 19004 JP but No visible Mineral.

~~and tot~~

Sample # 19014 JP

Ls 0352448
6215598

E: 1644m

Description: Syenite for Mr. P. Fox

Taken where No 1 vein & "00" vein
meet. Various syenite mixtures here
had to get homogenous sample

J.P June 29/2019

* Teck Ground
Be careful who sees this!!!
DO NOT ASSAY - For hole notes.
- JP resample of last year. To Date Moly

Sample # 19003 JP
0350943
Location: 6213460
Elevation: 1026m
Description: excellent mineral, moly, Cu - malachite

Aplite w/ Moly contacting Syenite* →
Possibly altered Diorite/Granodiorite.
Lots of Mafic Minerals in Syenite/diorite

* No sample or Data @

Sample # 19001 JP
19002 JP
19011 JP
Likely barren QL. - OR Nothing Found.

J.P June 29/2019

Sample # 19005 JP
0350812
Location: 6213191
Elevation: 1001m
Description: No sample

Soil sample C13001 - C13014
* See P Bragg Notes.

June ~~28~~ 27 Packed camp @ Cat Mtn.
June 28 Arrived in PG B.C.
June 29 Arrived in Surrey, B.C.

End of Notes for Cat Mtn 2019 June

19004 JP 0350914 6213474 Elev 1031M L563998

Medium grained orange syenite, only slightly magnetic. About 60% of the sample does not have visable chalcopyrite or malachite. However 40% of the rock sample has a fair amount of chalcopyrite with some bornite with considerable malachite. It is estimated that this portion of the sample could run as high as 2% copper.

19006 JP 0350703 6213105 Elev 984 m } L563999
19007 JP 0350684 6213119 Elev 982 m }

Medium grained diorite, strongly magnetic. About 20% of the sample by volume was fine grained pyrite. Can see no chalcopyrite or malachite. Alough these two samples were 22 metres apart the both looked the same. Maybe this area should be followed up

19008 JP 0350837 6212945 Elev 962 m L564000

Highly altered syenite, strongly magnetic. Contains some very fine pyrite and a fair amount of hemitite through out the sample and along fracture faces. No chalcopyrite ore malachite observed. About 10% of the sample was a 2 cm thick veinlet of pink syenite with epidote. This sample is very similar to a sample taken at 0351256 6213678 by Denis Delisle in 2017. Some 212 metres 200° to south, ie S 20° W, Luke Oates suggest these may be solution pathways that alter the original rocks

19009 JP 0352509 6215567 Elev 1723 m L994622

Magnetite vein with malachite, very strongley magnetic. A 30 cm vein to the south of and perhaps parallel to the No 1 Vein on Cat Mtn

19010 JP 034533 6214559 Elevation V994623

Diorite, non Magnetic. Alough the sample was a piece of float within the glacial till. The rock was quite angular and was thought not to have come very far. There were a number of parallel veinlets up to 1 mm thick as well as dessemination's through out the sample. Minor Malachite. Copper may be up to 1%. We spent some time searching the area but could not find anything similar.

19012 JP 0350849 6212926 Elev 959m

Medium to coarse grained pink to orange Syenite, Moderatly Magnetic. Can see no sulphides or malachite

Sample not sent in for assay

19013 JP 0350940 6213478 Elev 1029 m

Medium grained pink Syenite, only slightly magnetic. Can see no sulphides or malachite

Sample not sent in for assay

19014 JP 0352448 6215598 Elevation 1694 m

Medium grained Syenite, not tested with a magnet. Can see no sulphides or malachite. The sample was taken where the number 1 Vein intersects and is possibly truncated by the "00" Vein. These samples were taken for age dating by Dr Peter Fox. Of interest is one of the samples was hexagonal about 10 cm thick.

(See Picture)

Not Sent in for assay

PROJECT Cat Mountain GB 001

SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212863 Elev 958
UTM E 0351102
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus
Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Reddish)
Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley
Flat Dry Creek Bog
Cut bank

REMARKS: Very fine reddish brown Sand and soil

Depth 15 cm

PROJECT Cat Mountain GB 002

SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212865 Elev 969
UTM E 0351089
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus
Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Reddish)
Grey Green

TOPOGRAPHY: Hilltop (Hillside) (Gulley)
Flat Dry Creek Bog
Cut bank

REMARKS: Very fine reddish brown Sand and soil

Depth 15 cm

In drainage basin or gully

PROJECT Cat Mountain GB003

SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212870 Elev 970
UTM E 0351069
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel (Sand) Talus
Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Red)
Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley
Flat Dry Creek Bog
Cut bank

REMARKS: Very fine reddish Brown sand, Some coarse gravel + Soil
Depth 15 cm

West edge of gully

PROJECT Cat Mountain GB 004
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain
UTM N 6212882 Elev 993
UTM E 0351041
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus Organic Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange Red Grey Green

TOPOGRAPHY: Hilltop Hillside Gulley Flat Dry Creek Bog ESKER Cut bank

REMARKS: Fine Sand Some small gravel and soil
Depth 15 cm

PROJECT Cat Mountain GB 005
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain
UTM N 6212890 Elev 992
UTM E 0351029
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Reddish) Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog Cut bank

REMARKS: Light reddish Brown fine sand with some gravel and soil
Depth 15 cm

PROJECT Cat Mountain GB 006
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain
UTM N 6212897 Elev 992
UTM E 0351014
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Red) Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog Cut bank

REMARKS: Very fine reddish Brown sand Some gravel and soil
Depth 15 cm on Slight hump
C horizon at 25 cm

PROJECT Cat Mountain GB007
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212918 Elev 973 m
UTM E 035 1002
GRID N
GRID E

TYPE: ~~Soil~~ Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt ~~Sand~~ Talus Organic Float

HORIZON: A ~~B~~ C Topsoil Humus Caliche

COLOUR: White Black ~~Brown~~ Orange ~~Red~~ Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley Flat Dry Creek Bog
Cut bank

REMARKS: Brownish Red sand with some gravel + soil
Small drainage area

Depth 15 cm

PROJECT Cat Mountain GB008
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212918 Elev 961m
UTM E 035 0971
GRID N
GRID E

TYPE: ~~Soil~~ Grab Chip Water Pan

MATERIAL: Till Gravel ~~Silt~~ ~~Sand~~ Talus Organic Float

HORIZON: A ~~B~~ C Topsoil Humus Caliche

COLOUR: White Black ~~Brown~~ Orange Reddish Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley Flat Dry Creek Bog
Cut bank

REMARKS: Fine redish brown sand
Soil + gravel in a small drainage area

Depth 25 cm

PROJECT Cat Mountain GB009
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212928 Elev 968
UTM E 0350924
GRID N
GRID E

TYPE: ~~Soil~~ Grab Chip Water Pan

MATERIAL: Till Gravel Silt ~~Sand~~ Talus Organic Float

HORIZON: A ~~B~~ C Topsoil Humus Caliche

COLOUR: White Black ~~Brown~~ Light Orange Red Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley Flat Dry Creek Bog

REMARKS: Light Brown and redish fine sand + fine gravel + soil on a small hump or ridge

Depth 15 cm

PROJECT Cat Mountain GB010
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain
UTM N 6212930 Elev 965
UTM E 0350898
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus Organic Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Redish) Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog Cut bank

REMARKS: Redish brown fine sand small gravel and soil

Depth 15 cm

PROJECT Cat Mountain GB011
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain
UTM N 6212928 Elev 964
UTM E 0350880
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange (Redish) Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog Cut bank

REMARKS: Redish brown + orange fine sand + fine gravel + soil

Depth 20 cm

PROJECT Cat Mountain GB012
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain
UTM N 6212932 Elev 962
UTM E 0350865
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt (Sand) Talus Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black (Brown) Orange Red Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog Cut bank

REMARKS: Light brown with reddish patches medium sand small gravel and soil

Depth 10 cm

PROJECT Cat Mountain CB013
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212935 Elev 962m
UTM E 0350840
GRID N
GRID E

TYPE: ~~Soil~~ Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt ~~Sand~~ Talus Organic Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black ~~Brown~~ Orange ~~Red~~ish Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley Flat Dry Creek Bog

REMARKS: Light brown sand with reddish patches with a yellowish tinge Small gravel & soil

Depth 15 cm

PROJECT Cat Mountain CB014
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212939 Elev 964m
UTM E 0350812
GRID N
GRID E

TYPE: ~~Soil~~ Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt ~~Sand~~ Talus Organic Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black ~~Brown~~ Orange ~~Red~~ish Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley Flat Dry Creek Bog

REMARKS: Light brown sand & Soil with gravel Small reddish patches

Depth 20 cm

PROJECT Cat Mountain CB015
SAMPLER Jared Put
DATE June 27 2019
PROPERTY Cat Mountain

UTM N 6212951 Elev 965m
UTM E 0350782
GRID N
GRID E

TYPE: ~~Soil~~ Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt ~~Sand~~ Talus Organic Float

HORIZON: A B C Topsoil Humus Calich

COLOUR: White Black ~~Brown~~ Orange ~~Red~~ Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley Flat Dry Creek Bog

REMARKS: Light reddish tan brown sand with Some gravel and soil

Depth 10 cm