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PROSPECTING AND SOIL SAMPLING

ON THE

LEESON-BRACKIN PROPERTY OF JUBILEE GOLD EXPLORATION LTD.

SAULT SAINT MARIE MINING DISTRICT

NORTHCENTRAL ONTARIO - NTS-42B/5

2017-2018

William R. Troup
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Mississauga, Ontario
November, 2018

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SUMMARY

Jubilee Gold Exploration holds a 100% interest in the Leeson-Brackin Gold Property, consisting of 24 patented claims, and 7 staked claims, located 22 kilometres east of the town of Missanabie, and approximately 120 kilometres north-east of Wawa, in North-Central Ontario. The property adjoins the past producing Renabie Gold Mine, and hosts a common mineralized structure with the Renabi property.

In June and July of 2017, a 6.6 kilometre core section of the original 2008 grid was re-cut, in order to retain control for continuing exploration in 2017. Areas of potential interest from the 2016 soil sampling program were prospected, and detail soil sampling was initiated in both the west-central and north-east sections of the property.

The area around a previously identified soil-gold anomaly on grid-line 625S, 50 West, was prospected and found to be underlain by weakly foliated grey granite, generally trending 160º and dipping steeply to the west. Locally the granite is transected by a later foliation trending 120º and dipping steeply to the south. Trace fine disseminated pyrite was observed and sampled from within this later trend, but no significant gold values were obtained.

Prospecting and sampling was also directed at the area extending from the base-line to 300 metres-west, near Line 1250S. A small exposure of sheared and calcite and pyrite enriched grey granite was located and sampled, but returned only very slightly geochemically anomalous gold values, that would not be expected to account for the local soil gold anomaly. No outcrop was located for sampling near our strongest soil-gold anomalies on Line 1250S.

Soil-sampling on line 1700-South, returned especially encouraging gold values 167 metres west of the baseline.

Soil-sampling in the north-east section of the property proved to be difficult due to the presence of an extensive area of swampy ground and thick humus cover that prevented systematic grid sampling. However, elevated soil-gold values were obtained from a scattering of sample-able sites throughout the area, and future investigation is warranted.

In June of 2018, follow-up prospecting and detail sampling was initiated in the line 1700-South area. Soil sampling confirmed the presence of the anomalously high gold response obtained in 2017. Additional soil sampling east of the baseline on Line 1375 South outlined an additional gold anomaly warranting investigation.

TABLE OF CONTENTS

PAGE

LIST OF FIGURES

LIST OF APPENDICES

JUBILEE GOLD, LEESON-BRACKIN PROPERTY

INTRODUCTION

Jubilee Gold Exploration Ltd. holds a block of patented and staked claims in Leeson Brackin and Stover townships, in the Sault Saint Marie Mining Division, of north-central Ontario (see Table 1). The patented claims adjoin the past-producing Renabie Gold Mine Property to the south. Previous work completed prior to 1990 identified a number of gold occurrences on the Leeson-Brackin property. One such gold zone (the 21 Zone) was open-pit mined by Texas Gulf for its silica-gold content in the period 1988-90.

PROPERTY LOCATION AND ACCESS

The Property consists of 24 patented mining claims, located south of the past producing Renabie Mine property in north-central Ontario, plus an adjoining block of staked claims to the southwest. The claims are listed in tables 1 and 2 of this report. The area is accessible by paved highway 651 which extends for approximately 60 kilometres northward from Highway 101 to the Town of Missanabie. An all-weather logging Road extends 22 kilometres eastwards from Missanabie into the patented claims of the Leeson-Brackin property. Secondary logging roads provide access to the east and west ends of the staked claim block.

PROPERTY HISTORY – PATENTED CLAIMS

The Leeson-Brackin property is adjoined immediately to the north by the historic Renabi and Anglo Dominion properties. Both these properties are located in a similar geological environment as Leeson-Brackin, and both have seen past production. The Renabi mine produced 3,685,992 tons of ore at a recovered grade of 0.212 oz. Au/ton during initial operation from 1947 to 1970, when mining extended to a vertical depth of 3,500 feet. The Renabi mine reopened in1987 under Corona Corporation and American Barrick, and between 1987 and 1991, the mine produced 1 million tons of ore grading 0.19 oz. Au/ton, during which time underground operations were extended to a depth of 4,500. The mine is now closed and the Renabi mine and town site has undergone extensive rehabilitation.

The adjoining Anglo Dominion property was originally known as the Nudalama property. During the period 1947 to 1951, a vertical shaft was sunk to 1,065 feet. No production was recorded, but a resource estimate of 579,320 tons grading 0.194 oz. Au/ton, was calculated to a depth of 750 feet, where the vein system plunged onto the Renabi property to the west. During the period 1985 to 1990, under Anglo Dominion's ownership, 111,600 tons of material grading 0.15 oz. Au/ton, was shipped to the Kidd Creek smelter as flux ore. Production was from the No. 1 Vein, which was developed by open pit and a decline to the 150 foot level. The operation closed in 1990.

The Patent Leeson-Brackin claim block is part of a larger claim block that was staked in 1939, following the discovery of the Renabie Gold Mine immediately to the north. A number of gold-bearing veins were discovered on the Leeson-Brackin property by Canbrae Exploration in the period 1940 – 1941. Braminco Mines Limited subsequently acquired the property and carried out additional exploration during the period 1946-47. Figure 3 of this report (after G. Hogg, 2003) shows the relative locations of the various veins located on the property and in the immediate area, plus the location of our target areas of current interest.

Surface sampling and diamond drilling by Braminco lead to the following reported reserves for the property which would now be best classed as an Indicated Mineral Resource, and historical in nature.

No. 21 Vein – 100,000 tons @ 0.15 oz. Au/ton
No. 7 Vein - 23,000 tons @ 0.13 oz. Au/ton
B Vein - 5,000 tons @ 0.26 oz. Au/ton

The property was retained by Brominco but remained inactive until 1984, when it was optioned to Canreos Minerals Ltd. A 3,300 ton bulk sample was taken from the 21 vein and shipped to the Kidd Creek and Noranda smelters for testing as silica flux ore. Reportedly, the larger portion of this sample (3,000 tons) was shipped to Noranda, and returned 0.217 oz Au/ton and 71.9% silica.

Kidd Creek subsequently optioned the property, and by the end of 1987 had shipped 30,500 tons of auriferous flux from an open cut on the 21 vein.

A decline was driven into the 21-Zone to allow for further development. Additional drilling was reportedly directed at the No 7-Zone and B Veins. In February 1988, Canreos Minerals reported a combined resource (probable, possible and inferred) for the 21-Zone, No. 7-Zone and B-Zone totaling 290,827 short tons @ 0.084 o.p.t Au.

The Canreos Minerals option was terminated in 1990. In 1994, the property was purchased from Braminco Mines Limited by Young-Davidson Mines Limited. The claim group was reduced in size to a core group of 24 key claims to reduce yearly maintenance fees. Concopper Enterprises Limited purchased the property from Young-Davidson Mines Limited in 2003. In late 2008, Concopper established a control grid on the property, and completed ground magnetic and IP geophysical surveys. The adjoining Stover Township Claims were staked in May 2009.

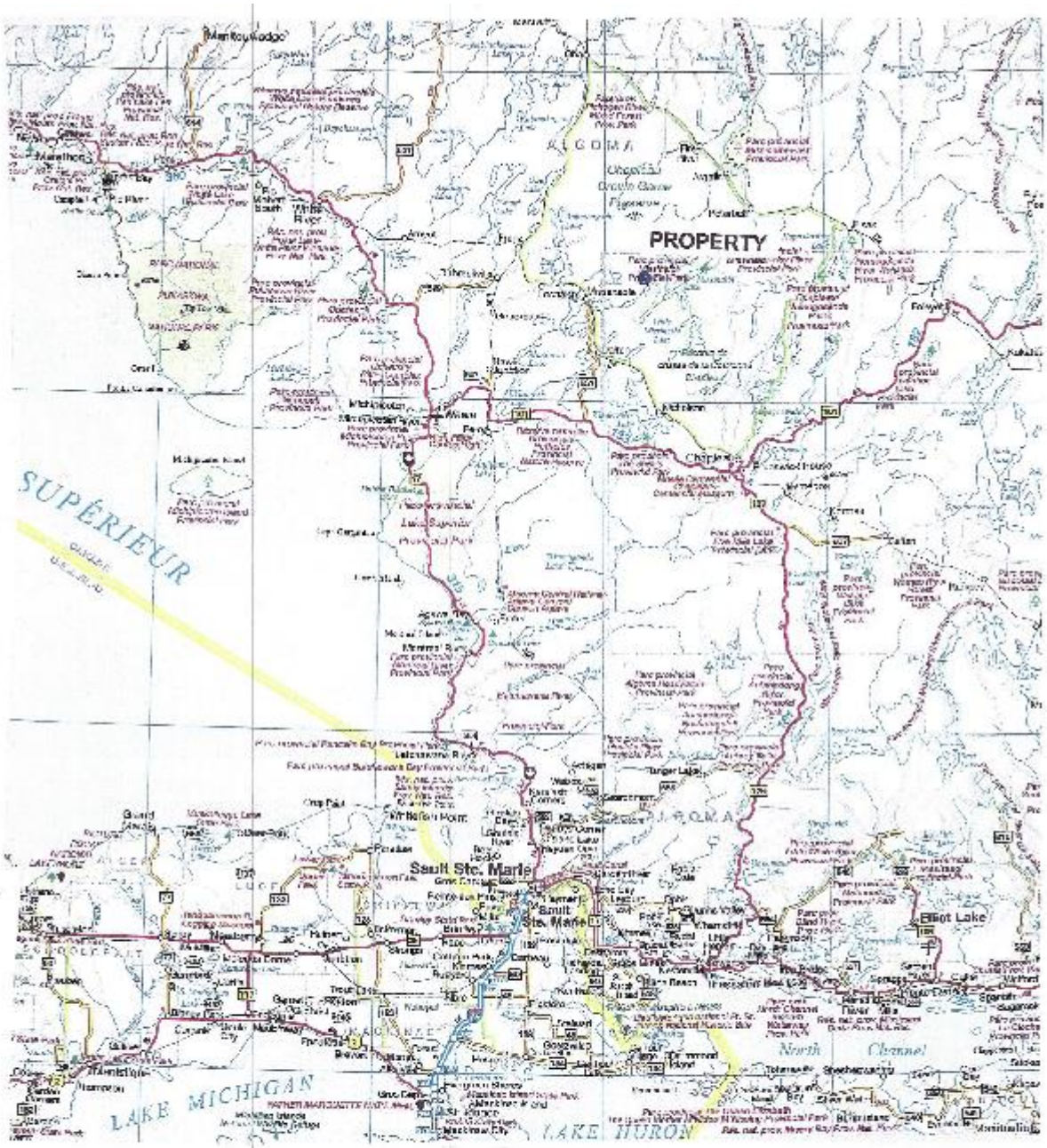


FIGURE 1

JUBILEE GOLD EXPLORATION – STOVER TWP. PROPERTY
LOCATION MAP

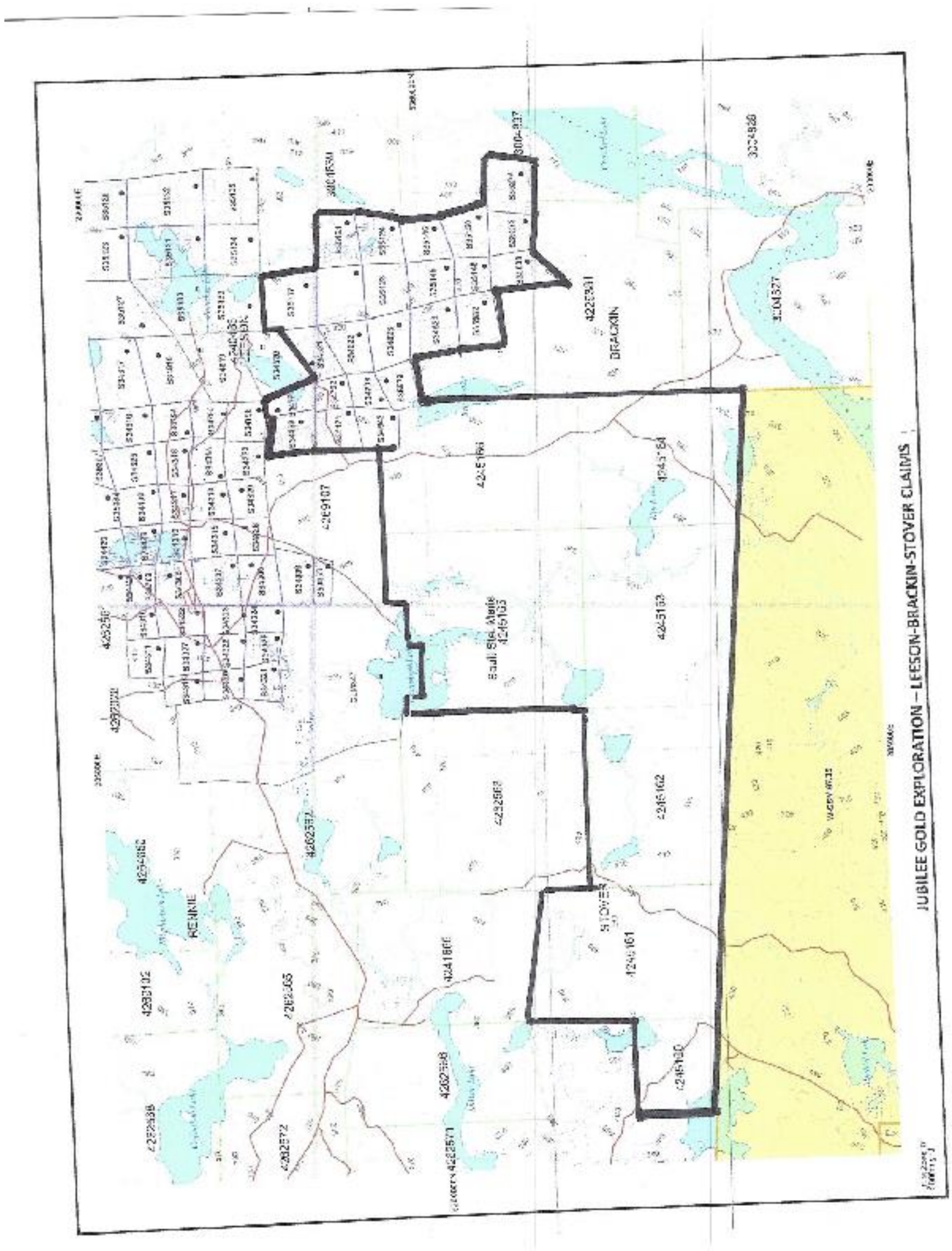

JUBILEE GOLD EXPLORATION – LEESON-BRACKIN-STOVER CLAIMS
BRACKIN
STOVER
RENNIE
Sault Ste. Marie

Figure 2

TABLE 1

PATENTED MINING CLAIMS-LEESON BRACKIN PROPERTY

Township/Area	Claim Number
Leeson	Pat # 28562 – Ref claim S34468
Brackin	Pat # 28543 – Ref claim S34471
Brackin	Pat # 28545 – Ref claim S34543
Leeson	Pat # 28563 – Ref claim S34797
Brackin	Pat # 28546 – Ref claim S34798
Brackin	Pat # 28547 – Ref claim S34799
Brackin	Pat # 28565 – Ref claim S34821
Brackin	Pat # 28548 – Ref claim S34822
Brackin	Pat # 28549 – Ref claim S34823
Brackin	Pat # 28550 – Ref claim S34824
Leeson	Pat # 28564 – Ref claim S35117
Brackin	Pat # 28553 - Ref claim S35121
Brackin	Pat # 28552 – Ref claim S35120
Brackin	Pat # 28551 – Ref claim S35088
Brackin	Pat # 28554 – Ref claim S35123
Brackin	Pat # 28555 – Ref claim S35124
Brackin	Pat # 28556 – Ref claim S35145
Brackin	Pat # 28557 – Ref claim S35146
Brackin	Pat # 28558 – Ref claim S35148
Brackin	Pat # 28559 – Ref claim S35150
Brackin	Pat # 28560 – Ref claim S35272
Brackin	Pat # 28561 – Ref claim S35274
Brackin	Pat # 28566 – Ref claim S35979
Brackin	Pat # 28567 – Ref claim S35982
TOTAL	**24**

TABLE 2

STAKED CLAIMS-LEESON BRACKIN PROPERTY

LEGACY CLAIM	TOWNSHIP	CELL CLAIM	CELL_KEY_ID	CELL_TYPE	CENTRAL CELL
4245160	STOVER	129201	42B05E369	Boundary	
4245160	STOVER	118481	42B05E370	Boundary	
4245160	STOVER	157638	42B05E371	Boundary	
4245160	STOVER	104527	42B05E390	Boundary	Yes
4245160	STOVER	104526	42B05E391	Standard	
4245161	STOVER	103432	42B05E331	Boundary	
4245161	STOVER	279756	42B05E332	Boundary	
4245161	STOVER	279755	42B05E333	Boundary	
4245161	STOVER	103431	42B05E334	Boundary	
4245161	STOVER	164999	42B05E351	Boundary	
4245161	STOVER	261075	42B05E352	Standard	
4245161	STOVER	103433	42B05E353	Standard	
4245161	STOVER	176472	42B05E354	Boundary	
4245161	STOVER	157638	42B05E371	Boundary	
4245161	STOVER	327012	42B05E372	Standard	Yes
4245161	STOVER	261076	42B05E373	Standard	
4245161	STOVER	129077	42B05E374	Standard	
4245161	STOVER	104526	42B05E391	Standard	
4245161	STOVER	327013	42B05E392	Standard	
4245161	STOVER	231720	42B05E393	Standard	
4245161	STOVER	176473	42B05E394	Standard	
4245162	STOVER	176472	42B05E354	Boundary	
4245162	STOVER	229850	42B05E355	Boundary	
4245162	STOVER	296479	42B05E356	Boundary	
4245162	STOVER	296478	42B05E357	Boundary	
4245162	STOVER	129077	42B05E374	Standard	
4245162	STOVER	277615	42B05E375	Standard	Yes
4245162	STOVER	259044	42B05E376	Standard	
4245162	STOVER	104418	42B05E377	Standard	
4245162	STOVER	176473	42B05E394	Standard	
4245162	STOVER	338004	42B05E395	Standard	
4245162	STOVER	104419	42B05E396	Standard	
4245162	STOVER	325643	42B05E397	Standard	

4245163	BRACKIN	128496	42B05C001	Standard	
4245163	BRACKIN	338055	42B05D017	Standard	
4245163	BRACKIN	222450	42B05D018	Standard	
4245163	BRACKIN	338054	42B05D019	Standard	
4245163	BRACKIN	338053	42B05D020	Standard	
4245163	BRACKIN	296478	42B05E357	Boundary	
4245163	BRACKIN	325682	42B05E358	Standard	
4245163	BRACKIN	222449	42B05E359	Standard	
4245163	BRACKIN	258959	42B05E360	Standard	
4245163	BRACKIN	104418	42B05E377	Standard	
4245163	BRACKIN	119743	42B05E378	Standard	
4245163	BRACKIN	278428	42B05E379	Standard	Yes
4245163	BRACKIN	241935	42B05E380	Standard	
4245163	BRACKIN	325643	42B05E397	Standard	
4245163	BRACKIN	259089	42B05E398	Standard	
4245163	BRACKIN	338052	42B05E399	Standard	
4245163	BRACKIN	242599	42B05E400	Standard	
4245163	BRACKIN	191883	42B05F361	Standard	
4245163	BRACKIN	241937	42B05F381	Standard	
4245164	BRACKIN	128496	42B05C001	Standard	
4245164	BRACKIN	258985	42B05C002	Standard	
4245164	BRACKIN	337442	42B05C003	Boundary	
4245164	BRACKIN	258959	42B05E360	Standard	
4245164	BRACKIN	241935	42B05E380	Standard	
4245164	BRACKIN	296367	42B05F341	Standard	
4245164	BRACKIN	276992	42B05F342	Standard	
4245164	BRACKIN	296366	42B05F343	Boundary	
4245164	BRACKIN	191883	42B05F361	Standard	
4245164	BRACKIN	229759	42B05F362	Standard	Yes
4245164	BRACKIN	191882	42B05F363	Boundary	
4245164	BRACKIN	241937	42B05F381	Standard	
4245164	BRACKIN	241936	42B05F382	Standard	
4245164	BRACKIN	102452	42B05F383	Boundary	

4245165	BRACKIN	233783	42B05E277	Boundary	
4245165	BRACKIN	233782	42B05E279	Boundary	
4245165	BRACKIN	104004	42B05E280	Boundary	
4245165	BRACKIN	104280	42B05E297	Boundary	
4245165	BRACKIN	121944	42B05E298	Encumbered	
4245165	BRACKIN	118694	42B05E299	Encumbered	
4245165	BRACKIN	121167	42B05E300	Standard	
4245165	BRACKIN	271180	42B05E317	Boundary	
4245165	BRACKIN	271179	42B05E318	Standard	
4245165	BRACKIN	252616	42B05E319	Standard	Yes
4245165	BRACKIN	225014	42B05E320	Standard	
4245165	BRACKIN	121946	42B05E337	Boundary	
4245165	BRACKIN	121945	42B05E338	Standard	
4245165	BRACKIN	118695	42B05E339	Standard	
4245165	BRACKIN	184677	42B05E340	Standard	
4245165	BRACKIN	296478	42B05E357	Boundary	
4245165	BRACKIN	325682	42B05E358	Standard	
4245165	BRACKIN	222449	42B05E359	Standard	
4245165	BRACKIN	258959	42B05E360	Standard	
4245166	BRACKIN	104004	42B05E280	Boundary	
4245166	BRACKIN	121167	42B05E300	Standard	
4245166	BRACKIN	225014	42B05E320	Standard	
4245166	BRACKIN	184677	42B05E340	Standard	
4245166	BRACKIN	258959	42B05E360	Standard	
4245166	BRACKIN	299141	42B05F261	Boundary	
4245166	BRACKIN	269685	42B05F262	Boundary	
4245166	BRACKIN	224492	42B05F263	Boundary	
4245166	BRACKIN	225013	42B05F281	Standard	
4245166	BRACKIN	159625	42B05F282	Standard	
4245166	BRACKIN	260362	42B05F283	Boundary	
4245166	BRACKIN	184676	42B05F301	Standard	
4245166	BRACKIN	104026	42B05F302	Standard	Yes
4245166	BRACKIN	104025	42B05F303	Boundary	
4245166	BRACKIN	260363	42B05F321	Standard	
4245166	BRACKIN	119283	42B05F322	Standard	
4245166	BRACKIN	119282	42B05F323	Boundary	
4245166	BRACKIN	296367	42B05F341	Standard	
4245166	BRACKIN	276992	42B05F342	Standard	
4245166	BRACKIN	296366	42B05F343	Boundary	

In 2011, Concopper was re-organized into Micon Gold Inc., and in 2012 completed additional ground geophysical surveying, and soil geochemical sampling over portions of the staked claim group.

Micon Gold Inc. was subsequently re-organized into Jubilee Gold Exploration Ltd., and in 2013 follow-up soil sampling was completed over select geophysical targets from the 2012 survey.

In 2015, Jubilee completed preliminary soil sampling along pace and compass lines across a 1 kilometre section of a strong north-south trending IP chargeability anomaly, located in the southwestern section of the property. The survey returned a clustering of anomalous gold values in the area. Follow-up soil sampling in 2016 confirmed the presence of the area of elevated gold values indicated previously, and returned elevated gold values 375 metres northward along trend.

Two historic gold occurrences (the #73 and #88 gold veins) in the southwest corner of the patented claim group, appear to lie along the projected south extension of this anomalous trend. The historic #21 gold zone, located near the north property boundary, occurs along the projected north extension of this same trend.

GEOLOGY OF THE LEESON-BRACKIN AREA

The area is underlain by granodioritic rocks which are in contact with mafic volcanics along the west boundary of the claim block. The main volcanic-granodiorite contact strikes southeasterly across the Renabie property and the western limit of the Leeson-Brackin property.

The known auriferous vein systems of the area occur within the granodiorite, and typically exist as fine-grained, white sugary quartz with bands of disseminated pyrite and minor galena. Individual veins reportedly vary in thickness from a few inches to over 30 feet, and commonly exhibit excellent vertical continuity along distinct plunge lines. On the Leeson-Brackin claims, the No 21 and No 7 veins reportedly displayed a plunge of 30 degrees to the north.

D. McBride (1990), noted that the major vein systems in the area commonly lie within sharply folded locations along a variably sheared major structure (the “Frontenac Horizon”) which extends in a southerly direction through the granodiorite complex, and which seems to represent a favorable depositional environment for silica, pyrite and gold. Auriferous veining has been found to be frequently present in areas of minor folding along this structure.

Gold deposits in the area reportedly occur commonly at or near the intersection of northerly and easterly trending fault structures. Individual deposits often have been referred to as pencil shaped, with a short strike length, and extending down plunge for considerable distance as a series of parallel overlapping, or on-echelon lenses.

KNOWN GOLD OCCURRENCES IN THE LEESON-BRACKIN AREA

Exploration in the general Missanabie area started in the late 1930's, and resulted in the discovery of the Renabie Mine which was placed in production in 1946. The surrounding area was explored by a number of companies in the period 1945-1950, following World War II. Canbrae Exploration discovered several significant gold occurrences south of the Renabie property on what is now the Jubilee property.

Brominco Mines acquired the Canbrae and adjacent property in 1946, and continued exploration on the group in 1947. No further work was completed on the property until 1983, when it was acquired by Canreos Minerals.

In the period 1983 to 1989, Canreos carried out ground geophysical surveying over what is now the Jubilee property. This was accompanied by geological mapping and prospecting, trenching and sampling and several diamond drill programs.

In February 1988, Canreos Minerals reported a combined resource (now historical) totaling 290,627 short tons @ 0.084 o.p.t. Au for the 21 Zone, 7 zone and B vein (average width 6.3 feet). This resource is now considered historical in nature and not compliant with 43-101 requirements.

Known gold occurrences on the Jubilee Property occur in granitic rocks, and are described briefly in the following section.

" 21" Gold Zone

The "21 Zone is associated with a zone of shearing which strikes roughly north- 30˚east, parallel to the Metavolcanic-granite contact located 250 metres to 300 metres to the west. The 21 Zone is the most significant of the gold zones encountered to date on the property. Near surface the "21" zone shear dips westerly at 50 to 60 degrees. The main mineralized section of the "21" zone has an apparent length of approximately 220 metres, and a width of approximately 10 metres.

Within the mineralized horizon of the 21 zone, mineralization reportedly is concentrated in shoots plunging to the northwest at approximately 30 degrees. Gold occurs with quartz lenses and siliceous replacement within the shear, and is commonly associated with sulphides. Pyrite and galena are most common, but minor chalcopyrite and /or molybdenite are locally present. A 3000 ton bulk sample was taken from the surface of the "21" zone in late 1985, and shipped to the Horne smelter in Noranda for testing as a silica smelter flux. In 1985, a decline ramp was commenced for the purpose of collecting a similar 5000 ton bulk sample for shipment to the Kidd Creek smelter in Timmins. By 1988, 130,000 tons of open pit and development ore, containing 0.12 oz/ton Au, had reportedly been shipped to the Kidd Creek smelter in Timmins as flux ore (W. Brack. 1989). In February 1988, the resource of the 21 vein (probable, possible and inferred and now historical) was stated to be 102,920 short tons @ 0.108 o.p.t. Au (av. width 12.4').

The central 200 metre long section of the currently defined #21 Zone remains open and currently untested below the vertical depth of approximately 100 metres. Previous drilling near the south end of the defined section of the #21 zone encountered a wide section of shearing carrying anomalous gold (0.04 opt/105 feet core length). Further testing at depth is warranted.

"7" Zone

The main section of the #7 Zone is located about 200 metres southeast of the 21 Zone (or vein). The main section of the #7 Zone has been traced on surface for over 100 metres, with an apparent width of 4 metres. Silicification within the #7 shear zone has been reported to be less intense than within the main section of the 21 Zone. In 1987, a 4600 ton bulk sample was taken from a small open pit on the No. 7-Zone, and shipped to the Kidd Creek smelter. In February 1988, Canreos reported the resource of the No. 7 Zone (probable + possible + inferred, and now historical) at 176, 379 short tons @ 0.066 o.p.t Au, average width 24.8 feet).

The shear hosting the #7 Zone intersects the #21 Zone near its apparent south end, and trends in an easterly direction across the property, passing close to Zones "22", "B" and "C" described below**.**

"A-Zone"

The "A" zone" is descried as a narrow zone of quartz enrichment located 200 metres north of the east extension of the "7- Zone" shear. Canbrae completed 6 drill holes in the area of the A-Zone in 1941**.** The best drill intersection reported was 0.29 opt Au over a core length of 4.25 feet.

"B" Vein

The "B" vein is located 400 metres east of the #7 zone, and 175 metres south of the "A" zone. The "A" and "B" zones appear to occupy a parallel northerly trending shear to that hosting the "21-Zone". The "B" vein appears to lie a possible 60 metres to the west of the projected south extension of the "A" vein, and is described as a quartz-sericite pipe, enriched locally in pyrite and galena. The pipe which has been exposed for approximately 50 metres on surface, reportedly plunges at 40˚ to the southwest. Gold occurs in areas of sulphide enrichment. Canbrae completed 12 holes in the area of the B-zone in 1941. In 1985 Canreos completed an additional 11 drill holes in the area. Better drill intersections included 0.136 opt Au over 20.5 feet, and 0.525 opt Au over a core length of 6.8 feet**.** Outside of the pipe, gold mineralization appears of low grade and erratic, and the tonnage potential of the B-Vein appears limited. In February 1988, the mineral inventory for the B-Zone (probable + possible + inferred and now historical) was reported at 11,528 short tons @ 0.153 o.p.t Au, av width 6.3 feet).

"C" Zone

The "C" zone is located 400 metres southeast of the "B' zone. Fissure veins and quartz filled fractures are reported to be quite common in the area. Chlorite alteration is said to predominate

over sericite alteration in the area, and hematite enrichment locally accompanies anomalous gold values. Trenching and some 32 drill holes have previously been directed at the area, and indicate the presence of high grade but erratic gold values. Canbrae Exploration drilled 8 holes in the area in 1941. Trenching in 1941 reportedly outlined a zone of quartz veining in a shear measuring 134 feet in length and 5 feet 8 inches in width with an average grade of 0.305 opt Au. Canreos completed some 24 holes along the C zone in 1987. The best drill intersection reported was 0.14 opt Au over 15 feet.

"D" Zone

The "D" Zone is located 1.8 kilometres southeast of the "21- Zone", and just east of the Leeson-Brackin property boundary. Pyrite and minor other sulphides are reportedly concentrated along with anomalous gold values in a northeast trending fold nose (axis trending between 115 and 150 and dipping 15 to 40 to the northwest (W. Brack 1988).

"22"Zone

The "22" zone is located 140 metres east-south-east of the #7 Zone open pit. Canbrae trenched the area and drilled one hole on the target in 1941. Surface trenching returned o.10 opt Au over 11.0 feet, and drilling returned 0.08 opt Au over 8.0 feet. Mapping in this area in the 1980's, suggested the #22 Zone may represent part of an easterly trending structure not well tested by previous drilling. Soil geochemical sampling completed in 2009, returned elevated gold values from an area 200 metres further to the east. It seems possible that shearing in the area of the "22" zone may continue eastward into the area of this soil geochemical anomaly. Detail soil sampling in 2010 along trend of this target horizon offers support for the local presence of gold associated with an east-west trending structure.

Other Gold Zones And Occurrences

The "Springer-Vein" and "69-Vein"

The "Springer" and "69"Zones are present along a continuous horizon, located 1,300 metres south of the "7" zone. The mineralized trend strikes approximately 135˚, and dips steeply to the southwest. Gold values of up to 0.19 opt over 0.75 metres have been reported from trench sampling of the "69" vein. A single drill hole completed in this area in1946 reportedly returned 2.86 o.p.t. Au over a 2.0 foot long core section. Seven holes drilled along trend to the north, in the area of the "Springer Zone", returned no economically significant gold values. The best drill intersection in this northern section of the trend was 0.71 opt Au over 0.5 feet.

"23-Zone"

The "23"-Zone is located 270 metres south of the "7" zone sample pit. It is described as a narrow quartz vein that returned a gold value of 0.03o.p.t. from early 1940 vintage sampling. Soil sampling (MMI method) completed in 2009, returned elevated gold values of up to 16 times background from 30 metres to the south, and associated with a weak IP chargeability anomaly.

"45" Zone

The "45" Zone is located 600 metres south of the "7" zone pit. Minor gold mineralization apparently was encountered in a southeast trending quartz vein, dipping steeply to the south. Four drill holes were completed on the zone in 1987, and the best gold value obtained was 0.71 opt over 0.5 feet. Veining apparently was narrow and gold values quite erratic.

"72"-Zone

The "72"-Zone is located approximately 1,600 metres south-east of the "#7" vein , and 800 metres south of the "D" Zone. It is described by Brack (1988) as a 35 metre long and 3 metre wide quartz vein at the intersection an older north-south structure and a younger easterly trending structure (110˚), and dips steeply to the south. Sulphide mineralization is indicated to be minor. Gold values of up to 0.19 opt over 0.7 metres were reported from early surface sampling. Diamond drilling reportedly returned only sub-economic gold values. Soil sampling completed in 2009 on a line 70 metres to the south returned slightly elevated gold values locally.

"73-Vein" (North Extension)

The "73" vein – North Extension"is located near the south-west corner of the property. In the 1940's, grab samples from trenching and sampling of the "73-Vein" reportedly returned assays of up to 0.67 oz/t Au. Assays of up to 1.36 oz/t Au and 1.22 oz/t Ag over 3 ft were reported in early drilling by Macabie Mines Limited in 1980. Following further drilling, gold mineralization was concluded to be localized and erratic in distribution. In 2010, Micon Gold Inc. completed a single line of soil sampling across the area, near the south limit of the property which returned no significant gold values.

"75"-Vein

The "75" vein is located near the southeast boundary of the property. A single drill hole completed in 1987 returned 0.79 opt Au over a 0.7 foot core section, at a hole depth of 183.9'. Mineralization appears confined to a southerly trending narrow quartz vein.

"88-Zone"

The "88" Zone is located approximately 200 metres north-east of the "73" Zone, and near the eastern property boundary. The area received previous drilling by early operators, and was reported as being similar to the "73" Zone.

"98-Vein"

The "98" Zone was reportedly located 250 metres west of the "#7" zone pit. It was described as a narrow southerly trending quartz vein. An isolated high soil gold-geochemical anomaly of 126 ppb was obtained just 60 metres south of the suspect location of the showing. Follow-up prospecting of the anomalous sample site produced no local explanation for the soil anomaly, and it is suspected it may be due to the presence of glacially transported material from the north.

2017-18 EXPLORATION PROGRAM

In June of 2017, select areas of interest from the 2016 soil-sampling program were prospected. Outcrop exposure is limited, but scattered nearby outcrops were visited and sampled. The area of line 625 South was prospected from the base line to 300 metres grid-west. The main rock type encountered in this area was foliated grey granite, trending 160 degrees, and near vertical dip. Trace disseminated pyrite was observed locally, along with areas of narrow, cross-cutting shears trending 120 degrees and dipping near vertical. Selective outcrop sampling in the area of Line 625 South returned no geochemical encouragement to account for the local soil-gold anomaly. On line 1250 South, sampling near the base line and 200 metres to the west returned only slightly anomalous gold values (i.e 6 and 26 ppb gold respectively), which again does not account for the nearby soil-geochemical anomaly.

In July of 2017, approximately 6.5 kilometres of the Concopper grid of 2008 was re-cut, to retain control for additional soil sampling along select grid lines in both the west-central and north-east sectors of the patented claim group. As in 2016, attention was focused along areas of low ground extending along strike of northerly trending shear zones.

In June of 2018, prospecting and follow-up detail soil sampling was directed towards the area of our strongest soil-gold anomaly obtained in 2017, at a station located 167 metres west of the base-line on gridline 1700-south. Soil sampling in 2018 confirmed the presence of the anomalously high gold value of 2017. Prospecting of nearby outcrops returned no mineralization to account for the local soil anomaly. Additional soil sampling on gridline 1375-South outlined a soil-gold anomaly at 50 metres east that warrants future investigation.

2017-18 SOIL GEOCHEMICAL SURVEYING

General

In 2017, soil sampling was directed at areas of low ground in both the west-central and northeast sections of the property, near which the projected extensions of known northerly and easterly trending shear zones would appear to intersect. A total of 204 soil samples were collected along

ten grid lines, and samples were delivered by truck to SGS Laboratories in Sudbury, Ontario. In 2018, 38 additional soil samples were collected along 3 grid lines, and samples were again delivered by truck to SGS Laboratories in Sudbury, Ontario

Analysis

The SGS field Laboratory in Sudbury shipped the samples to their Laboratory in Vancouver where they were processed by the MMI Method for eight elements (Au, Ag, As, Cu, Zn, Pb, Mo and Co).

Control

SGS Laboratories routinely inserted laboratory standard and blank samples within every sample batch. In all instances, such check sampling supported the accuracy of the results.

Data Treatment and Presentation

Soil-gold geochemical results from the patented claim block are presented in map form in Appendix D of this report.

The MMI method of analyses is a proprietary technique first developed in Australia, but now commonly used in Canada. The "raw" geochemical data is collected, and for presentation purposes, for each sample, response Ratios (RR) are calculated for each element analyzed. The Response Ratio is a measure of how a particular assay relates to the background value for the sample population.

During the current survey, RR values for the various elements were calculated as follow:

1. Any assay below the detection limit (Au limit is 0.1 ppb) is assigned a value of ½ the detection limit.
2. The lower quartiles, of the population of geochemical analysis for individual elements in the survey, were selected and sample values in these lower quartiles were averaged.
3. For each sample, the geochemical analysis for each element was divided by the appropriate lower quartile averages calculated above, to produce Response Ratios for each of the five elements.

Response Ratios below 5 are normally considered of doubtful significance.
The RR values for elements of interest (in the current case gold) can then be presented in a series of map plots or bar charts. For the 2017 sampling, RR values are presented in a series of bar charts in Appendix A of this report.

RESULTS OF 2017 SOIL-SAMPLING

West-Central Area
In the west-central area, sampling westward along the extension to previous soil-sample line 1250 Grid-South returned an elevated gold value of 30 times background at the 162-metre west

sample site. Anomalous gold values of up to 400 X background were obtained 450 metres to the south, at station 162-metres west on line 1700-south. The results obtained to date from this area compare favorably with sample results reported previously near known gold occurrences elsewhere on the property. This west-central area of interest occurs along the eastern flank of a strong Induced Polarization (I.P.) - chargeability anomaly trending along the granite-volcanic contact located near the west side of the property. The historic northerly trending 73 and 88 gold veins are located along trend to the south from this area. A series of historic gold occurrences (the 75 Vein, 72 Vein, 69 Vein and Springer vein) occur along a common westerly trending cross-structure that appears to project into the centre of the area. In the west-central area, encouraging soil-gold results appear clustered near the projected intersection of these two mineralized structures.

Northeastern Area

Sampling in the Northeast section of the property returned elevated gold values of up to 20 times background from isolated sample sites in the area of a suspected northerly trending fault structure. Sampling in this area was for the most part attempted on widely (25-metre) spaced stations. Meaningful sampling was not possible at a number of sites along the target of interest either because of the presence of wet swampy ground or deep humus cover. However, in-spite of the poor sampling conditions, elevated soil-gold values were obtained from a scattering of sample sites and warrant future investigation.

Detail sampling was attempted to the north and south of Line 750-south, station 550-east, near which previous sampling returned encouraging gold values from select sites. Elevated gold values were again obtained from isolated sample sites, but no exceptionally high gold values were obtained, and no sizeable areas of contiguously anomalous sample sites were encountered. However, our attempted sampling south of Line 750S, proved impossible at many sites due to the presence of a deep humus cover. This part of the northeastern area has potential for hosting a parallel mineralized structure to the easterly trending “C-Gold Zone” located just 125 metres to the south.

RESULTS OF THE 2018 SOIL-SAMPLING

In June of 2018, soil sampling was directed towards the area of our strongest soil-gold anomaly obtained in 2017, on gridline 1700-south. Sampling on cross-line 167-West confirmed the presence of the high gold value obtained in 2017, at a station 167 metres west of the base-line on line 1700-South. Prospecting of nearby outcrops returned no mineralization to account for the local soil anomaly.

Soil sampling on gridline 1375-South outlined a soil-gold anomaly at 50 metres east that warrants future investigation.

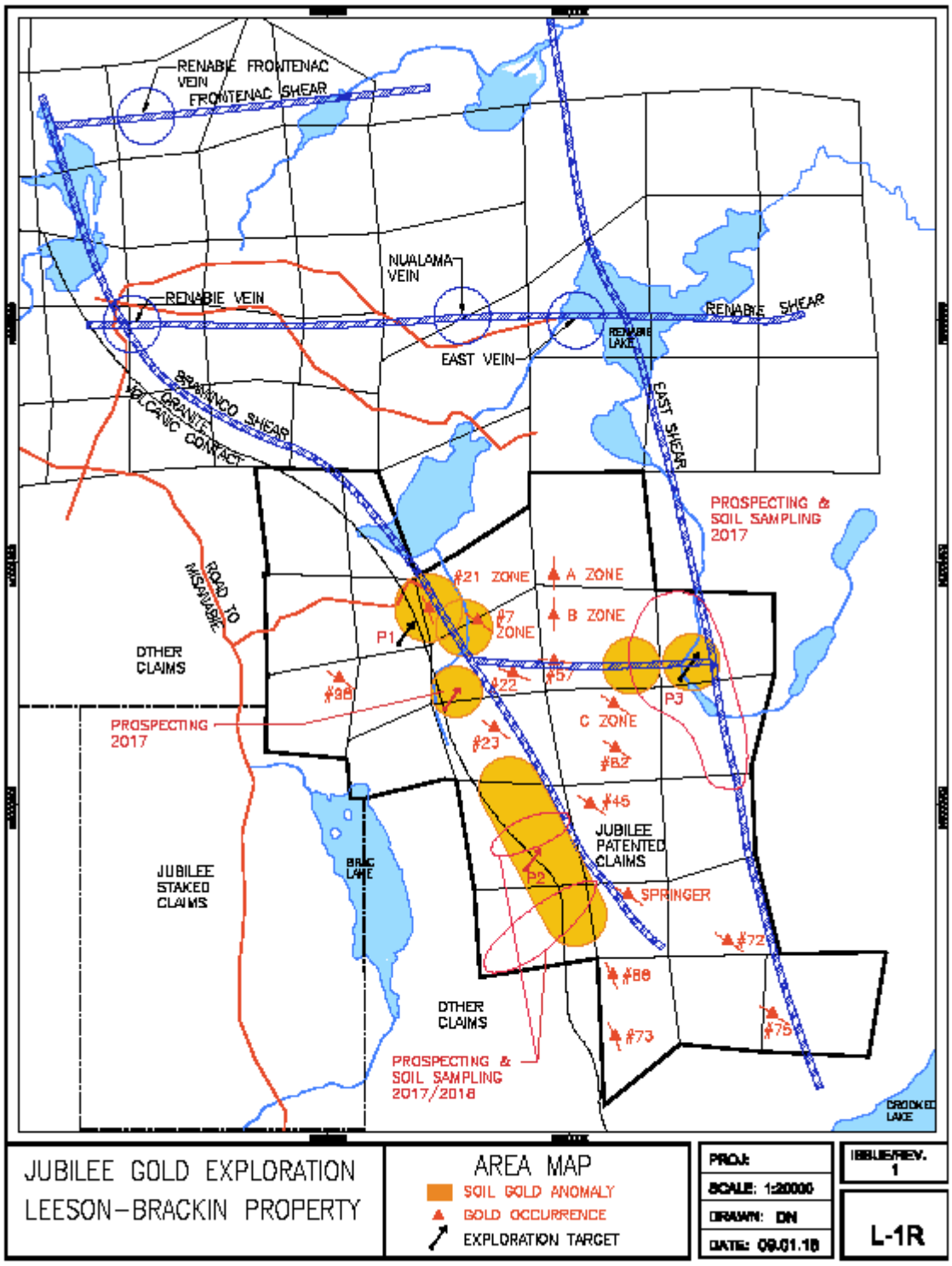
CONCLUSIONS AND RECOMMENDATIONS

Soil geochemical sampling in 2017 confirmed the presence of an area of elevated gold values indicated by preliminary sampling in 2015 and 2016, along a 500-metre long north-south linear in the west-central section of the property. Follow-up soil geochemical sampling in 2018 confirmed the presence of the high gold value reported in this area in 2017. The anomaly occurs in an area of low wet ground. Prospecting of nearby rock exposures provided no explanation for the anomaly's presence. A combined magnetometer and induced-polarization (I.P.) geophysical survey is proposed for further assessing this target.

Scattered outcrops were reported near the area of the soil-gold anomaly identified 50 metres east of the base-line on line 1375-South, and surface prospecting of the area is recommended.

In the north-eastern section of the property attention in 2017 was directed along a second northerly trending linear structure. The presence of swampy ground and a thick layer of surface organics prevented systematic sampling in the area; however, in-spite of the poor sampling conditions, elevated soil-gold values were obtained from several sample sites and warrant future investigation.

Gold deposits in the Renabie area typically occur near the intersection of northerly and easterly-trending fault structures. A similar geological setting exists in both the west-central and north-eastern sections of the Leeson-Brackin property and offers further encouragement for the continued exploration of these areas.


RENABIE FRONTENAC VEIN
FRONTENAC SHEAR
NUALAMA VEIN
RENABIE VEIN
RENABIE SHEAR
EAST VEIN
RENABIE LAKE
SESANICO SHEAR
GRANITE VOLCANIC CONTACT
EAST SHEAR
PROSPECTING & SOIL SAMPLING 2017
ROAD TO MISSANABIE
#21 ZONE
A ZONE
B ZONE
#7 ZONE
P1
OTHER CLAIMS
#98
#22
#57
P3
PROSPECTING 2017
C ZONE
#23
#82
#46
JUBILEE PATENTED CLAIMS
BRAC LAKE
JUBILEE STAKED CLAIMS
P2
SPRINGER
#72
#88
OTHER CLAIMS
#73
#75
PROSPECTING & SOIL SAMPLING 2017/2018
CROOKED LAKE
JUBILEE GOLD EXPLORATION
LEESON-BRACKIN PROPERTY
AREA MAP
SOIL GOLD ANOMALY
GOLD OCCURRENCE
EXPLORATION TARGET
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SCALE: 1:20000
DRAWN: DN
DATE: 09.01.18
ISSUE/REV. 1
L-1R

Figure 3

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November, 2018

William R. Troup
Mississauga Ontario

CERTIFICATE OF QUALIFICATIONS

I, William R. Troup of Mississauga, Ontario, hereby certify and declare the following:

1. I am a Consulting Geologist.
2. I graduated from the University of Waterloo with an MSc Degree in Geology in 1975.
3. I have been practicing my profession for the past 43 years.
4. I am a fellow in the Geological Association of Canada.
5. I supervised and participated in the 2017 and 2018 soil sampling programs on the Leeson-Brackin property, in north-central Ontario.
6. The opinions expressed in this report are based on my personal observations, and on a review of public geological and geophysical reports on the area.

William R. Troup, MSc. BSc. F.G.A.C. P. Geol

Mississauga, Ontario
October 30, 2018

EXPLORATION EXPENDITURES

LEESON-BRACKIN - 2017 - 2018

CONTRACT EXPLORATION SERVICES

2017 (June to December)
Alcanex Ltd., Geological Services…….....$11,629.12
-Preparation for line cutting + Preliminary soil sampling.$7,816.78
- Data Compilation & Map Preparation.....$3,812.34

DAN PATRIE EXPLORATION SERVICES-2017……..……..$9,955.30
-Line Cutting and Soil Sampling
SGS Laboratories 2017…….……...$7,165.68
-MMI sample analysis.$1,796.14+$503.64+ $4,865.90

2018 (June to November)
Alcanex Ltd., Geological Services …….$14,145.32
-Prospecting and Soil Sampling, June……....$6,660.76
-Review and compilation of Lab data, July……....$3,955.00
-Final Map and report preparation -2017-2018 sampling…..$3,529.56
(Map digitizing and scanning-$704.56 +Report- $2,825.00)
SGS Laboratories…….....$1,681.05
(MMI samples -$1,429.51, rock samples-$251.54)

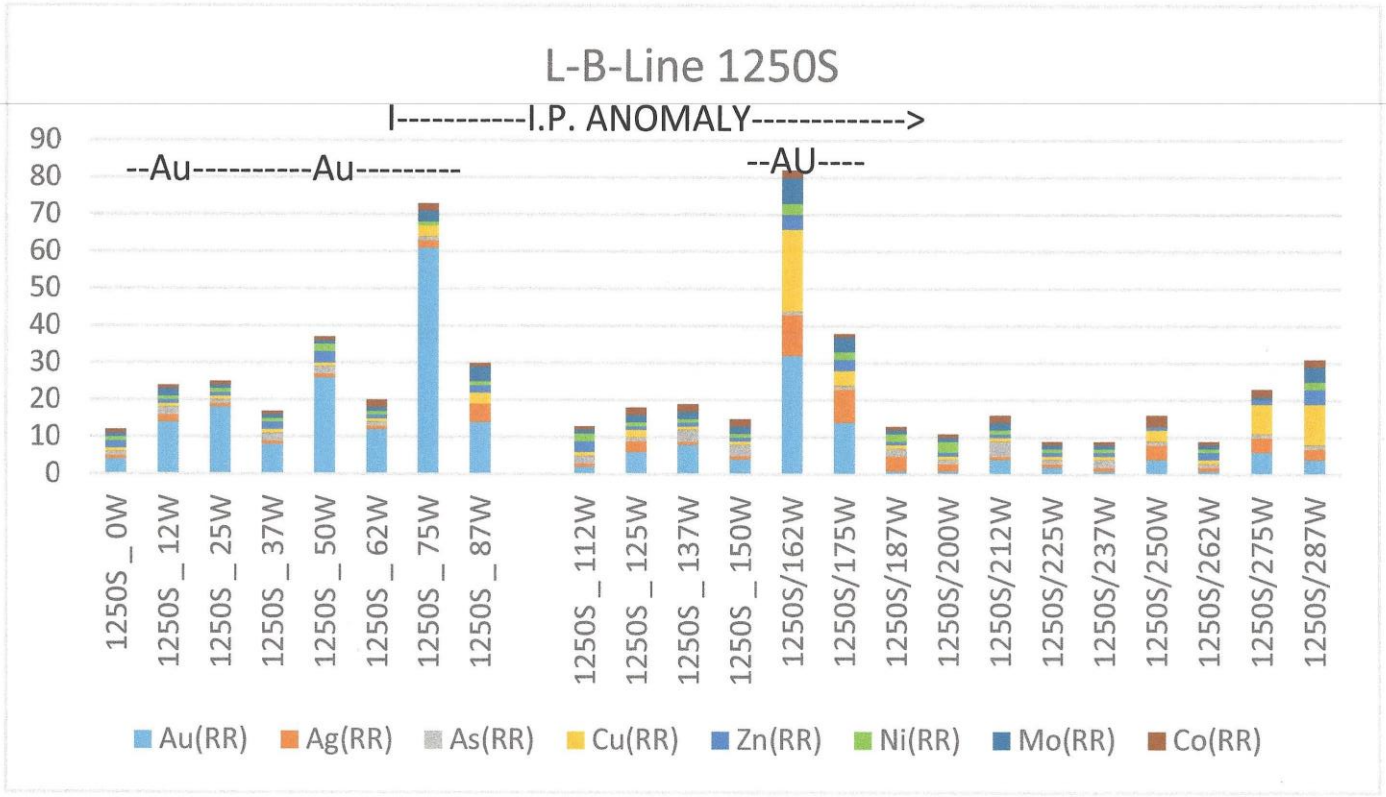
TOTAL **$**44,576.47

W. Troup, Geological Consultant.

November, 2018

APPENDIX A

MMI LINE PROFILES OF RR VALUES FOR AU, AG, etc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1250S _ 12W
1250S _ 25W
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1250S _ 50W
1250S _ 62W
1250S _ 75W
1250S _ 87W
1250S _ 112W
1250S _ 125W
1250S _ 137W
1250S _ 150W
1250S/162W
1250S/175W
1250S/187W
1250S/200W
1250S/212W
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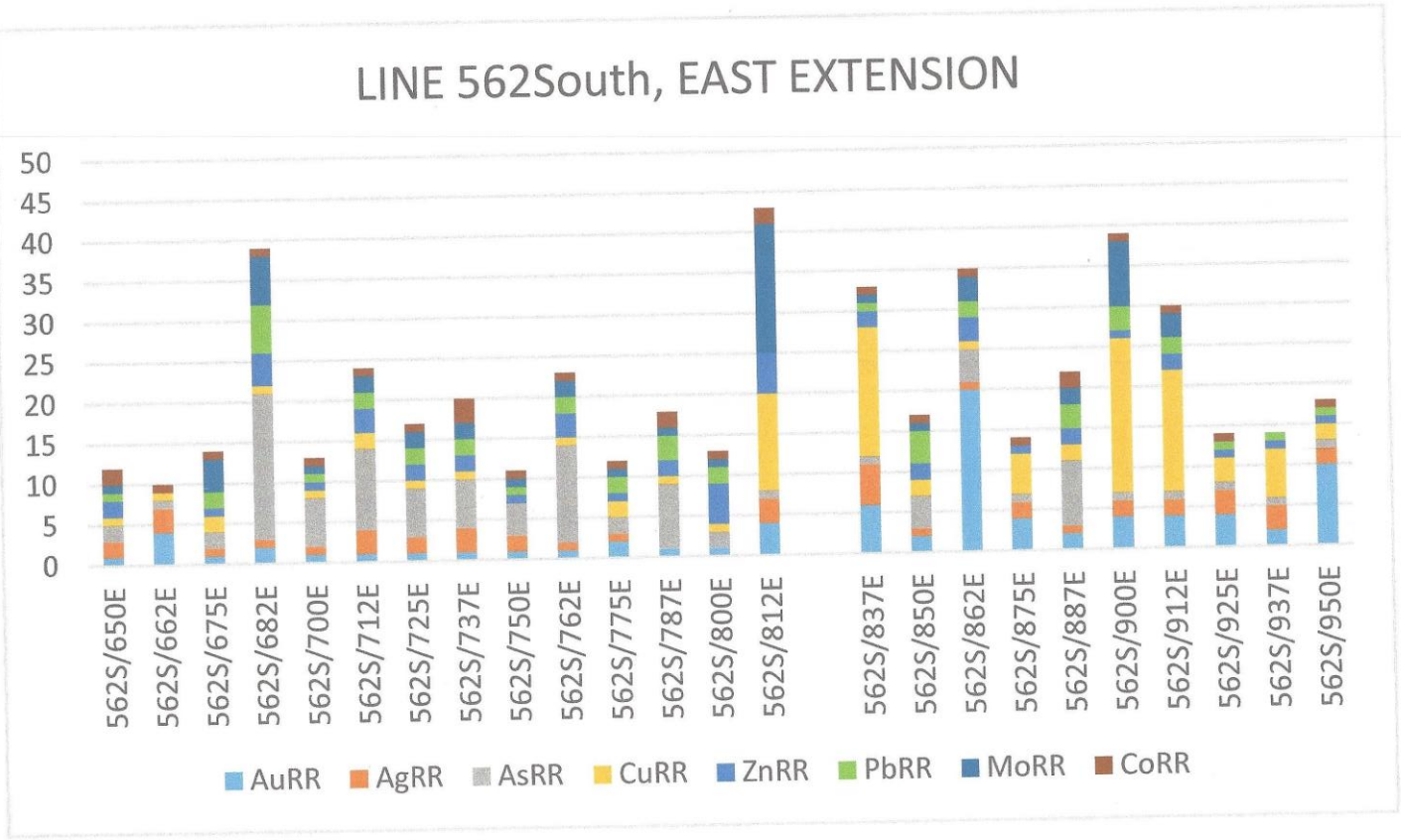
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50
45
40
35
30
25
20
15
10
5
0
562S/650E
562S/662E
562S/675E
562S/682E
562S/700E
562S/712E
562S/725E
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562S/750E
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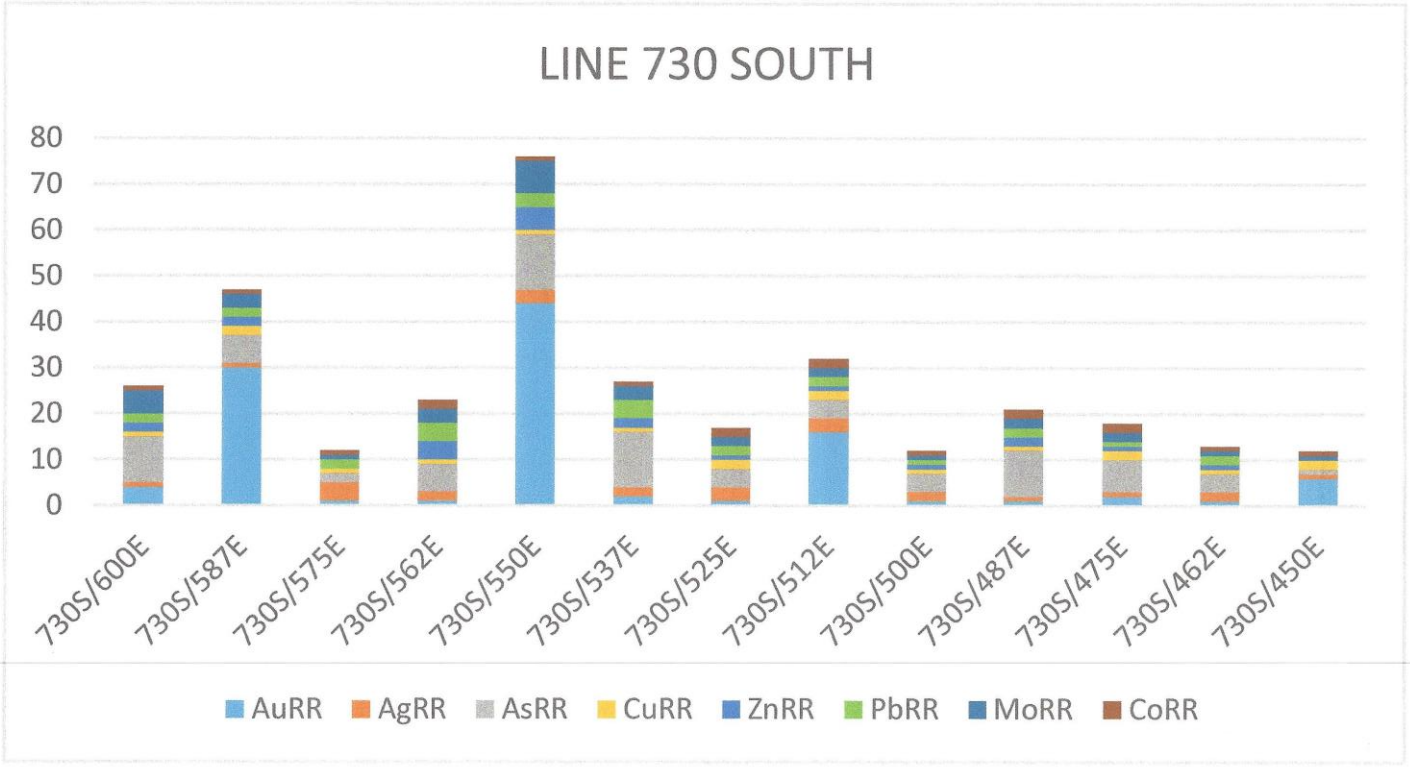
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70
60
50
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30
20
10
0
730S/600E
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730S/550E
730S/537E
730S/525E
730S/512E
730S/500E
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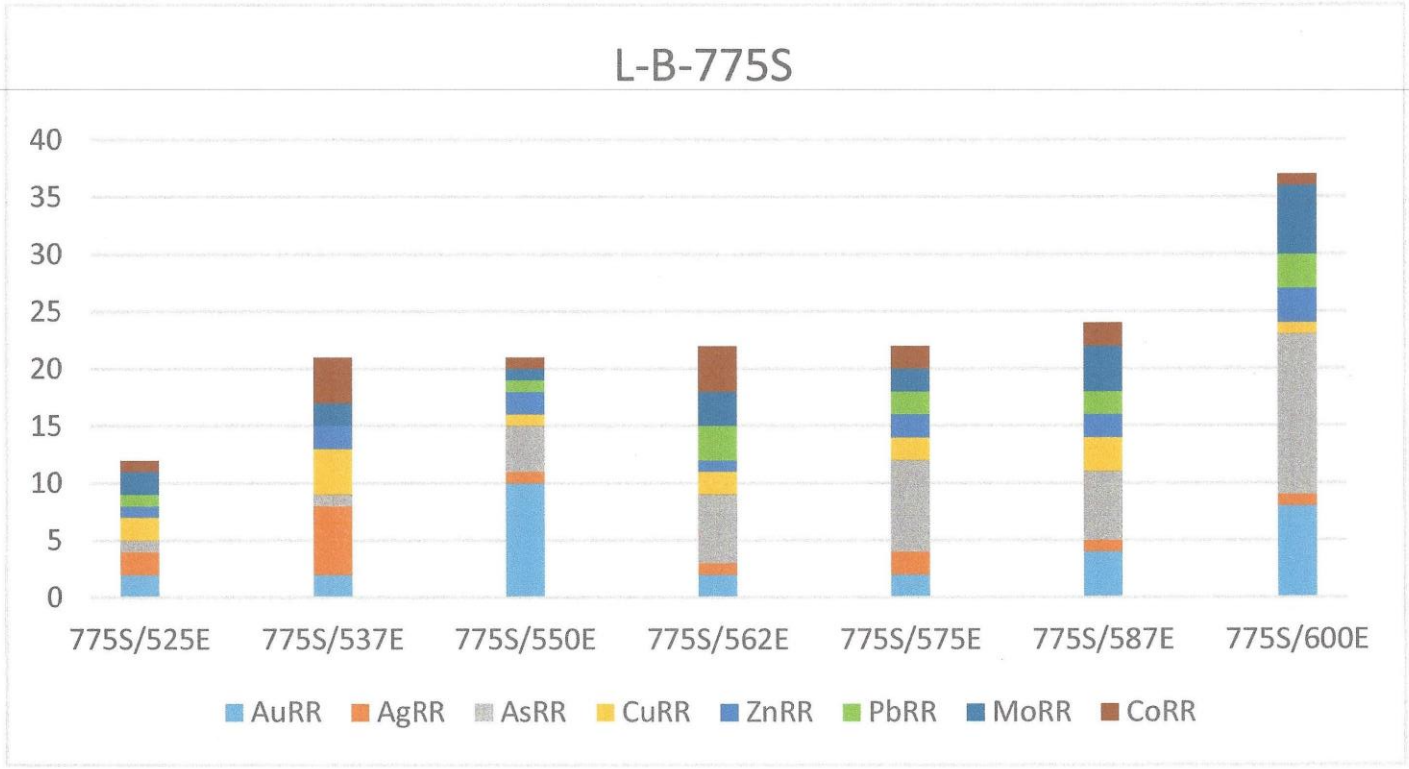
PbRR
MoRR
CoRR


L-B-775S
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15
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775S/525E
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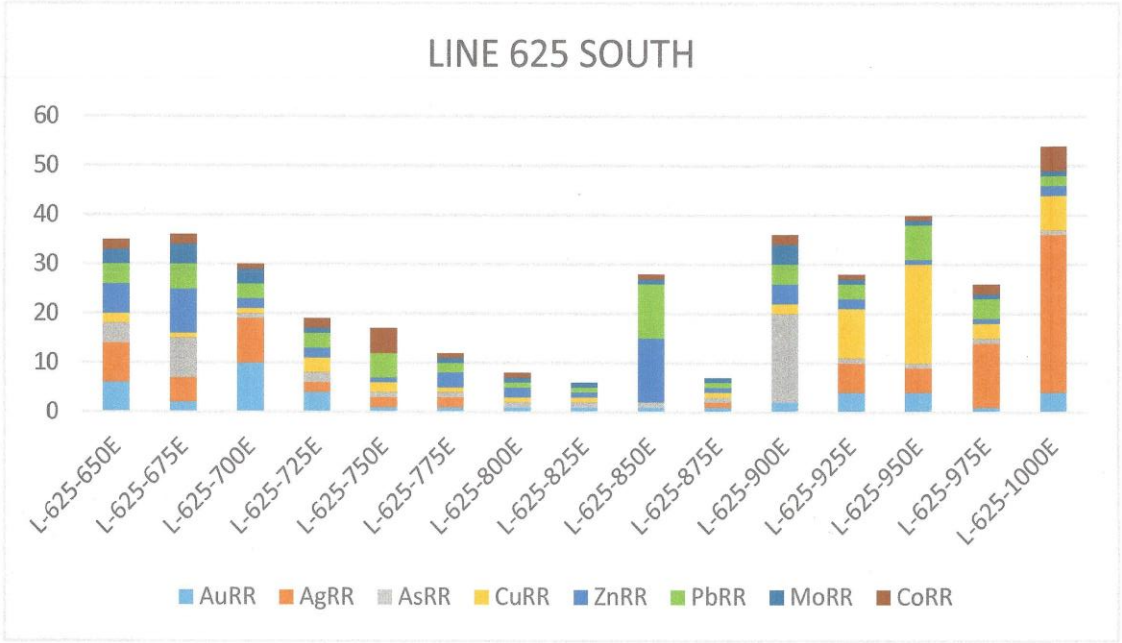
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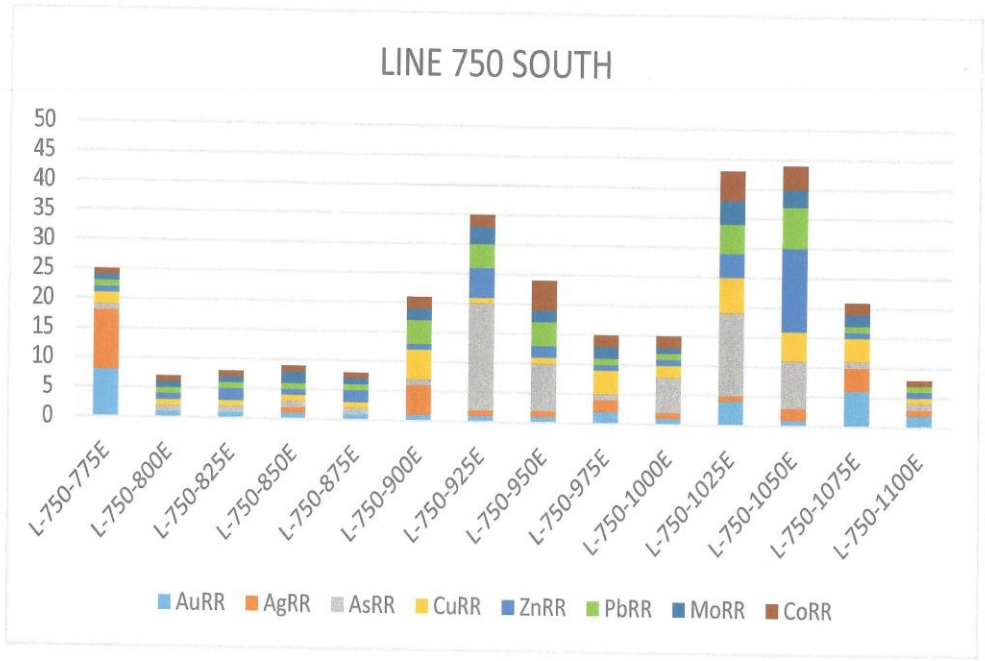
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L-750-975E
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L-750-1025E
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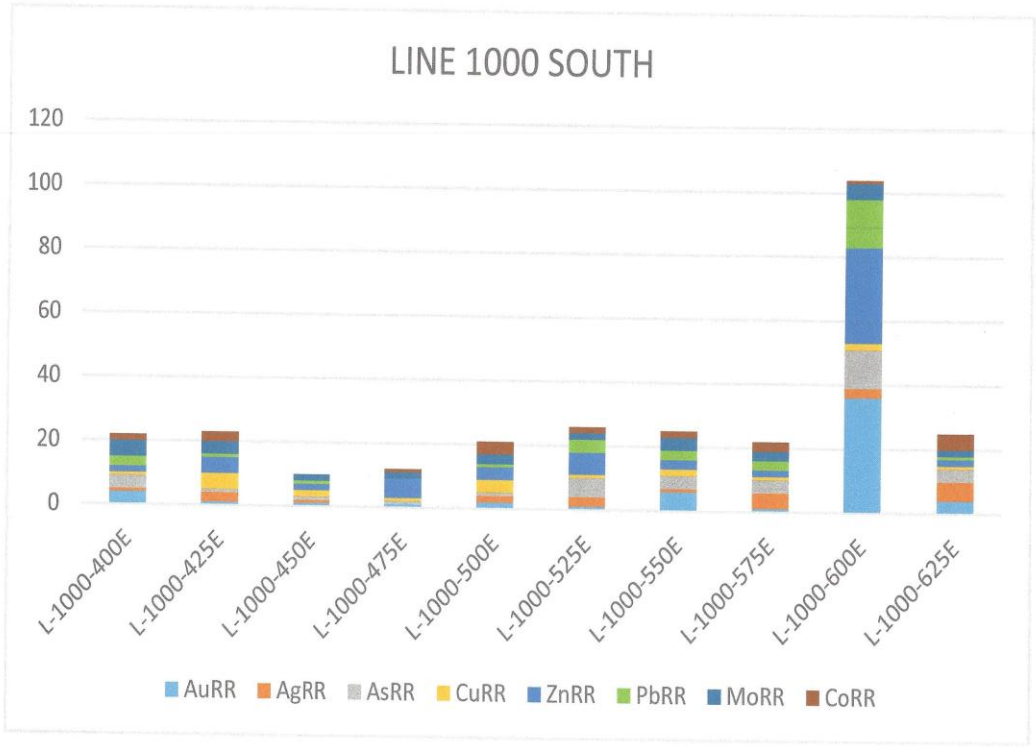
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AsRR
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PbRR
MoRR
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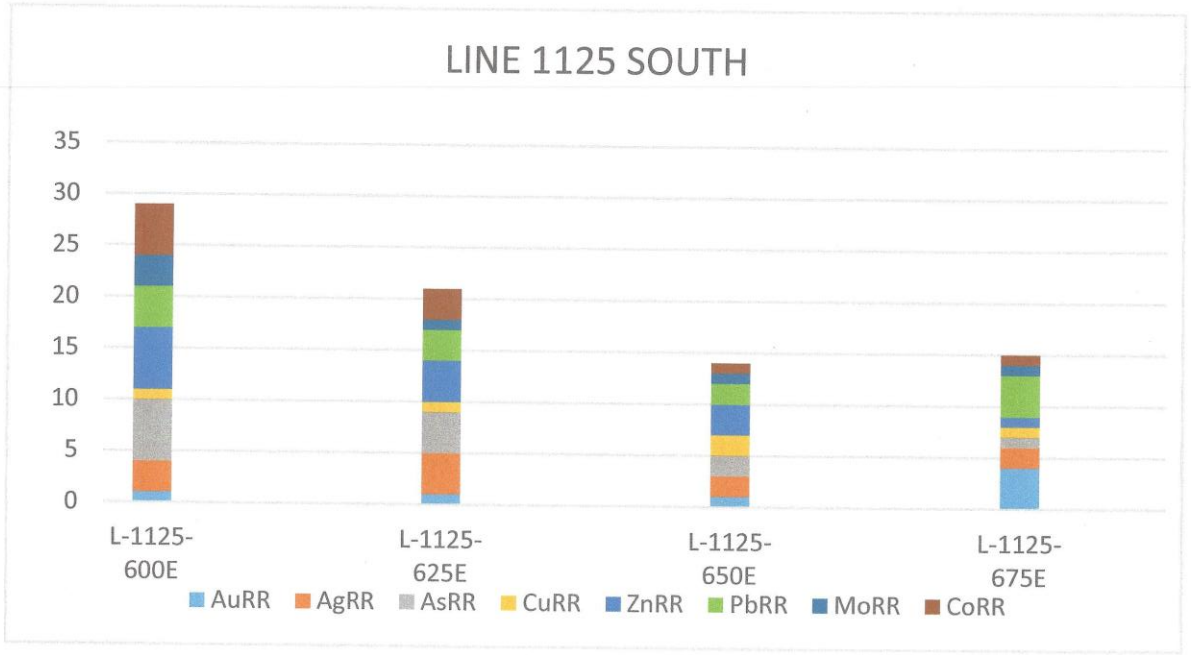
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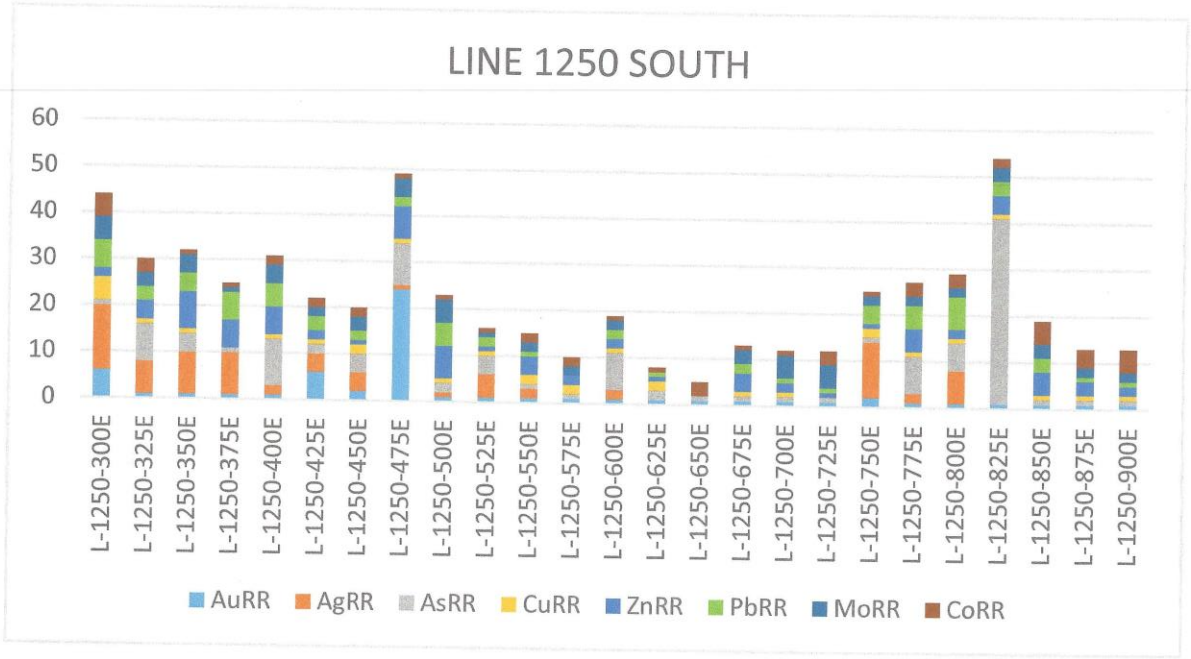
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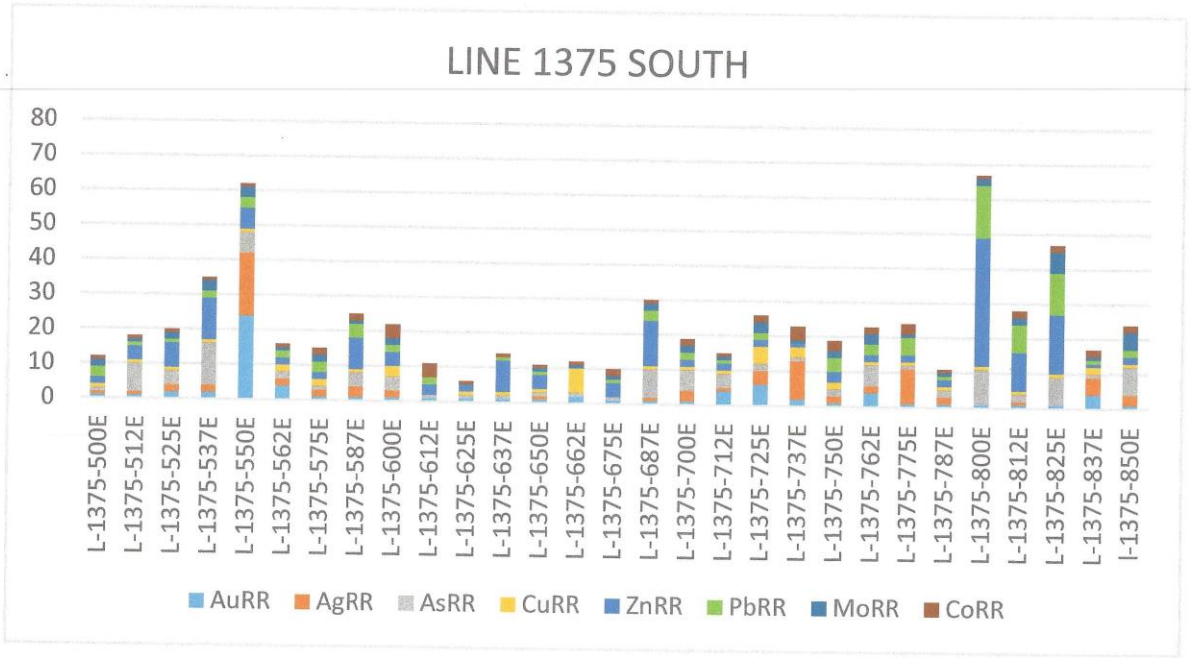
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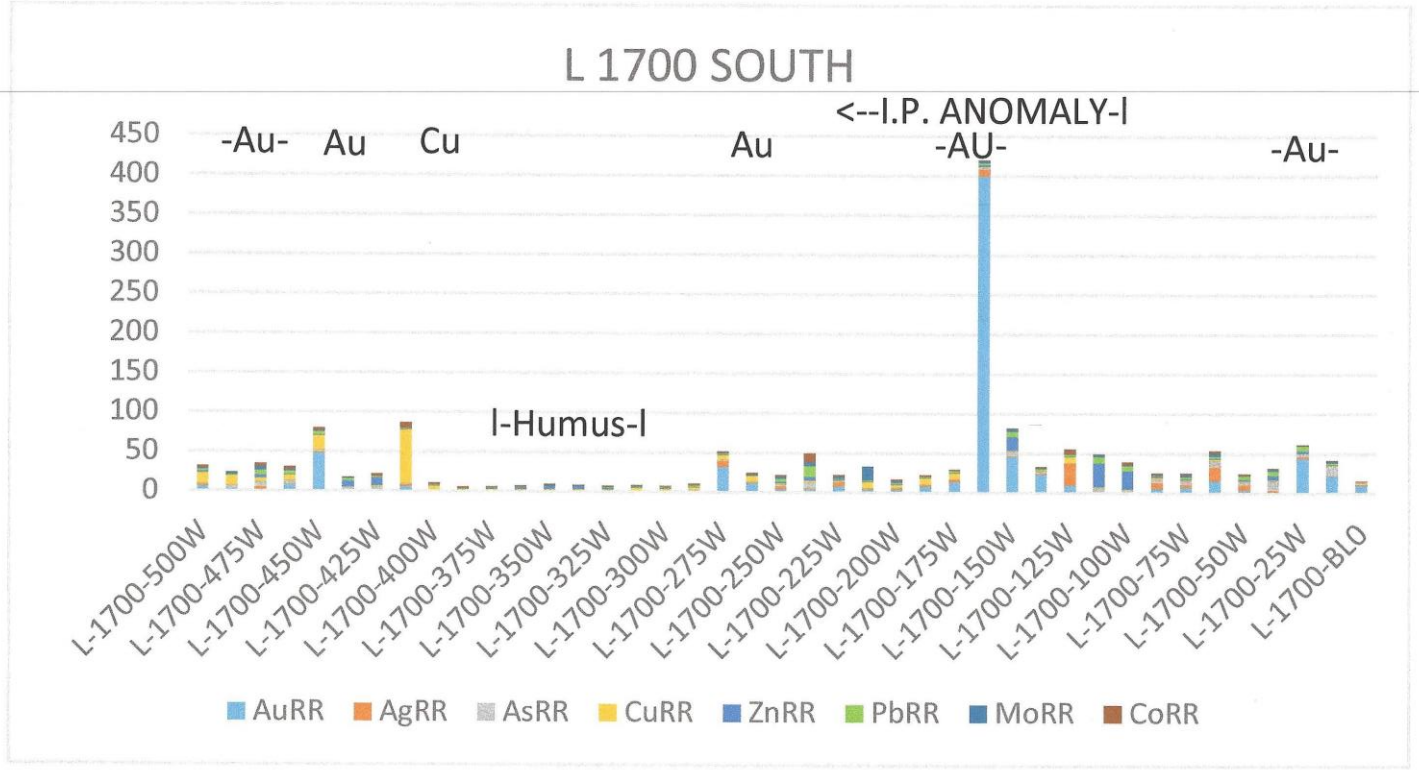
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Cu
Au
-AU-
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I-Humus-I
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100
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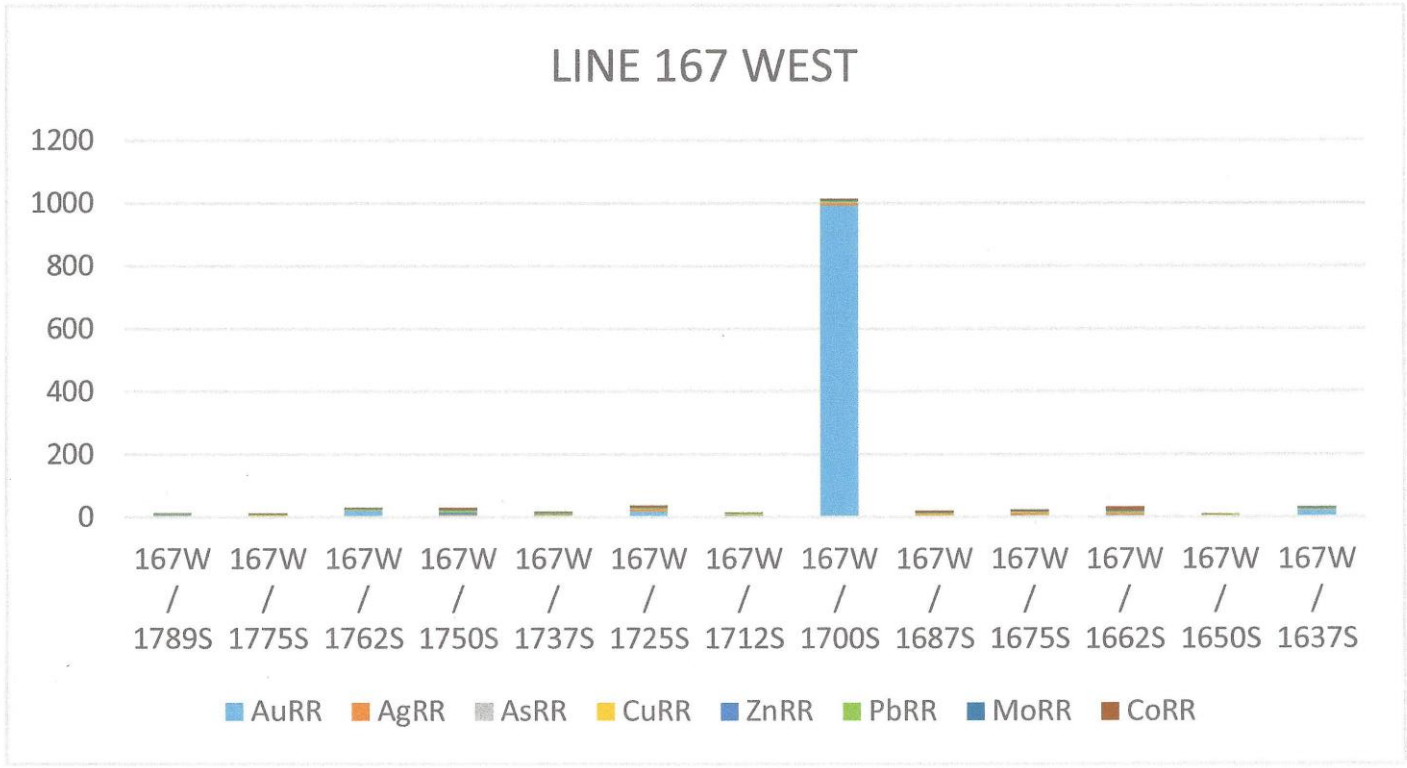
L-1700-350W
L-1700-325W
L-1700-300W
L-1700-275W
L-1700-250W
L-1700-225W
L-1700-200W
L-1700-175W
L-1700-150W
L-1700-125W
L-1700-100W
L-1700-75W
L-1700-50W
L-1700-25W
L-1700-BLO
AuRR
AgRR
AsRR
CuRR
ZnRR
PbRR
MoRR
CoRR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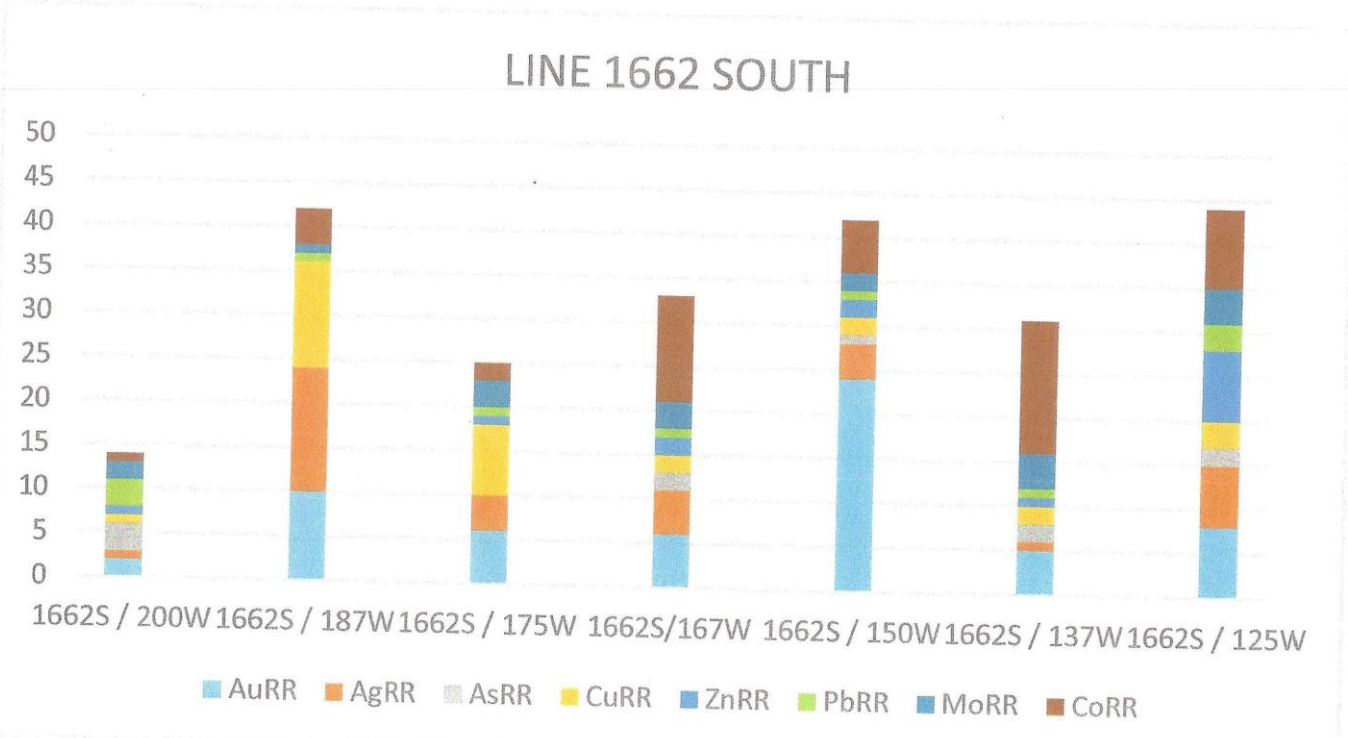
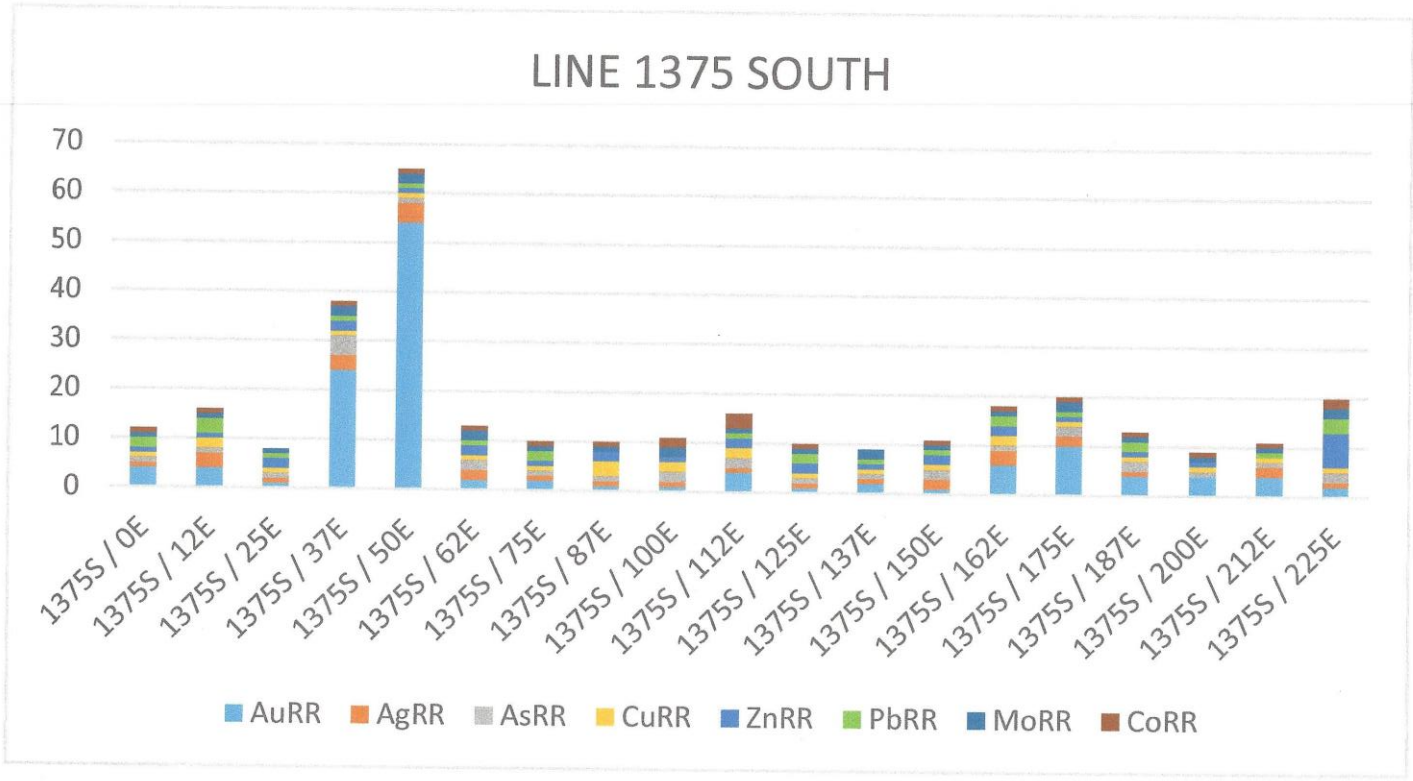
1000
800
600
400
200
0
167W / 1789S
167W / 1775S
167W / 1762S
167W / 1750S
167W / 1737S
167W / 1725S
167W / 1712S
167W / 1700S
167W / 1687S
167W / 1675S
167W / 1662S
167W / 1650S
167W / 1637S
AuRR
AgRR
AsRR
CuRR
ZnRR
PbRR
MoRR
CoRR


LINE 1662 SOUTH
50
45
40
35
30
25
20
15
10
5
0
1662S / 200W
1662S / 187W
1662S / 175W
1662S/167W
1662S / 150W
1662S / 137W
1662S / 125W
AuRR
AgRR
AsRR
CuRR
ZnRR
PbRR
MoRR
CoRR


LINE 1375 SOUTH
70
60
50
40
30
20
10
0
1375S / 0E
1375S / 12E
1375S / 25E
1375S / 37E
1375S / 50E
1375S / 62E
1375S / 75E
1375S / 87E
1375S / 100E
1375S / 112E
1375S / 125E
1375S / 137E
1375S / 150E
1375S / 162E
1375S / 175E
1375S / 187E
1375S / 200E
1375S / 212E
1375S / 225E
AuRR
AgRR
AsRR
CuRR
ZnRR
PbRR
MoRR
CoRR

APPENDIX B

LABORATORY REPORTS AND CALCULATED RR VALUES

Certificate of Analysis
Work Order : SD170027
[Report File No.: 0000023278]

Date: July 05, 2017

To: **William Troup**
JUBILEE GOLD EXPLORATION LTD
PO BOX 37029
NORTH YORK ON M2M 4J8

P.O. No.: Project:L-B
Project No.: -
Samples: 13
Received: Jun 19, 2017
Pages: Page 1 to 6
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
13	G_LOG02	Pre-preparation processing, sorting, logging, boxing
13	G_WGH79	Weighing of samples and reporting of weights
13	G_PRP87	Weigh, dry, (<1.5 kg) crush to 75% passing 2 mm, split, pulverize to 85% pass at
13	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
13	GE_ICP14B	Aqua Regia digestion/ICP-AES package

Storage: Pulp & Reject
PULP STORAGE : DISPOSE AFTER 90 DAYS

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : SD170027 Order: Project:L-B

Report File No.: 0000023278

Element	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
Method	G_WGH79	GE_FAA313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	5	2	0.01	3	5	0.5	5
Units	kg	ppb	ppm	%	ppm	ppm	ppm	ppm
1539	0.451	<5	<2	0.42	3	63	<0.5	<5
1540	0.542	<5	<2	0.46	<3	48	<0.5	<5
1564	2.109	<5	<2	0.43	5	73	<0.5	<5
1565	2.034	<5	<2	0.43	<3	34	<0.5	<5
1566	0.425	<5	<2	0.33	<3	56	<0.5	<5
1567	0.956	<5	<2	0.49	5	70	<0.5	<5
1568	2.510	<5	<2	0.48	<3	63	<0.5	<5
1569	0.838	<5	<2	0.48	<3	57	<0.5	<5
1570	1.770	26	<2	0.64	3	82	<0.5	<5
1571	0.959	<5	<2	0.74	5	51	<0.5	<5
1572	0.589	<5	<2	1.00	4	160	<0.5	<5
1573	1.465	6	<2	0.12	3	14	<0.5	<5
1574	2.653	7	<2	0.43	<3	62	<0.5	<5
*Rep 1564		<5						
*Std OREAS251		534						
*Blk BLANK		<5						
*Rep 1564			<2	0.43	3	77	<0.5	<5
*Std OREAS601			51	0.84	302	368	0.6	21
*Blk BLANK			<2	<0.01	<3	<5	<0.5	<5

Final : SD170027 Order: Project:L-B

Report File No.: 0000023278

Element	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@Hg	@K
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	1	1	1	0.5	0.01	1	0.01
Units	%	ppm	ppm	ppm	ppm	%	ppm	%
1539	0.32	<1	2	10	14.5	0.78	<1	0.14
1540	0.29	<1	2	8	8.1	1.00	<1	0.11
1564	0.54	<1	2	15	7.7	1.00	<1	0.20
1565	0.21	<1	2	13	7.4	1.29	<1	0.07
1566	0.11	<1	2	13	9.7	0.87	<1	0.16
1567	0.15	<1	2	13	5.9	1.10	3	0.26
1568	0.19	<1	3	14	7.4	1.10	<1	0.19
1569	0.15	<1	3	24	6.0	1.29	<1	0.21
1570	0.22	<1	4	16	3.9	1.31	<1	0.34
1571	0.30	<1	5	13	7.5	1.55	<1	0.15
1572	0.27	<1	6	14	4.5	2.07	<1	0.51
1573	0.04	<1	1	36	8.1	0.71	<1	0.03
1574	0.77	<1	4	13	6.7	1.34	1	0.27
*Rep 1564	0.55	<1	2	14	7.7	1.01	<1	0.21
*Std OREAS601	1.03	7	5	50	1010	2.19	<1	0.24
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<1	<0.01

Final : SD170027 Order: Project:L-B

Report File No.: 0000023278

Element	@La	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	1	0.01	2	1	0.01	1	0.01
Units	ppm	ppm	%	ppm	ppm	%	ppm	%
1539	16.8	5	0.14	124	1	0.06	3	0.02
1540	15.2	3	0.15	134	<1	0.06	2	0.02
1564	25.2	5	0.14	162	2	0.06	3	0.02
1565	10.6	4	0.17	168	1	0.05	3	0.03
1566	10.0	3	0.10	111	2	0.05	3	0.01
1567	14.3	5	0.16	151	1	0.06	3	0.02
1568	17.1	6	0.17	131	4	0.06	3	0.02
1569	3.4	6	0.15	140	2	0.08	4	0.02
1570	9.7	11	0.27	162	1	0.06	4	0.03
1571	13.2	10	0.44	198	<1	0.05	7	0.03
1572	3.0	16	0.58	221	<1	0.06	9	0.04
1573	0.9	<1	0.03	77	3	0.02	4	<0.01
1574	15.1	7	0.19	221	1	0.05	4	0.03
*Rep 1564	24.0	6	0.14	163	1	0.06	3	0.02
*Std OREAS601	22.7	8	0.19	432	3	0.07	27	0.03
*Blk BLANK	<0.5	<1	<0.01	<2	<1	<0.01	<1	<0.01

Final : SD170027 Order: Project:L-B

Report File No.: 0000023278

Element	@Pb	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	2	0.01	5	0.5	10	0.5	0.01	1
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm
1539	19	0.01	<5	<0.5	<10	21.0	0.04	4
1540	5	<0.01	<5	<0.5	<10	17.6	0.05	6
1564	7	0.01	<5	<0.5	<10	20.6	0.04	5
1565	<2	0.01	<5	0.5	<10	21.5	0.05	10
1566	3	<0.01	<5	<0.5	<10	9.9	0.04	4
1567	<2	<0.01	<5	<0.5	<10	12.8	0.05	6
1568	2	0.02	<5	<0.5	<10	15.4	0.05	6
1569	<2	0.04	<5	0.5	<10	15.6	0.05	7
1570	2	<0.01	<5	0.7	<10	17.7	0.07	11
1571	<2	<0.01	<5	0.8	<10	22.8	0.09	18
1572	<2	<0.01	<5	0.7	<10	17.9	0.11	30
1573	<2	<0.01	<5	<0.5	<10	7.3	<0.01	2
1574	<2	0.02	<5	<0.5	<10	17.3	0.03	8
*Rep 1564	6	0.02	<5	<0.5	<10	20.9	0.04	5
*Std OREAS601	289	1.06	13	1.4	<10	34.6	<0.01	9
*Blk BLANK	<2	<0.01	<5	<0.5	<10	<0.5	<0.01	<1

Final : SD170027 Order: Project:L-B

Report File No.: 0000023278

Element	@W	@Y	@Zn	@Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm
1539	<10	2.5	87	2.7
1540	<10	1.9	37	2.1
1564	<10	3.3	45	2.9
1565	<10	1.9	30	3.8
1566	<10	1.3	27	2.0
1567	<10	1.7	31	2.1
1568	<10	2.3	43	2.4
1569	<10	3.2	27	4.8
1570	<10	2.4	45	4.0
1571	<10	1.9	39	1.1
1572	<10	1.7	53	1.2
1573	<10	<0.5	6	<0.5
1574	<10	3.2	35	5.9
*Rep 1564	<10	3.4	48	3.2
*Std OREAS601	<10	5.8	1310	23.1
*Blk BLANK	<10	<0.5	<1	<0.5

Certificate of Analysis
Work Order : VC171916
[Report File No.: 0000023408]

Date: July 10, 2017

To: **BILL TROUP**
JUBILEE GOLD EXPLORATION LTD
PO BOX 37029
NORTH YORK ON M2M 4J8

P.O. No.: L-B Project 55 MMI samples
Project No.: -
Samples: 55
Received: Jun 21, 2017
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
55	G_LOG02	Pre-preparation processing, sorting, logging, boxing
55	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISPOSE AFTER 30 DAYS

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1250S/162W	1.6	25.8	<10	4870	700	395	28	103
1250S/175W	0.7	21.6	<10	960	510	252	14	43
1250S/187W	<0.1	9.9	10	150	180	199	5	63
1250S/200W	<0.1	4.0	<10	190	240	349	2	47
1250S/212W	0.2	1.4	20	280	140	149	6	72
1250S/225W	0.1	2.4	<10	220	140	171	4	42
1250S/237W	<0.1	3.4	10	280	190	117	4	46
1250S/250W	0.2	9.6	<10	630	130	23	<2	127
1250S/262W	<0.1	1.8	<10	130	300	180	4	46
1250S/275W	0.3	10.4	<10	1820	150	33	4	88
1250S/287W	0.2	6.6	<10	2490	710	232	17	73
562S/650E	<0.1	4.3	10	290	290	175	4	70
562S/662E	0.2	7.3	<10	260	80	59	<2	46
562S/675E	<0.1	2.4	10	340	130	233	14	62
562S/682E	0.1	1.2	90	290	770	726	22	31
562S/700E	<0.1	3.4	30	220	190	109	5	60
562S/712E	<0.1	7.1	50	360	540	191	8	65
562S/725E	<0.1	5.1	30	200	280	274	8	50
562S/737E	<0.1	7.7	30	200	300	280	9	115
562S/750E	<0.1	5.6	20	100	140	168	2	38
562S/762E	<0.1	2.3	60	150	470	296	6	29
562S/775E	0.1	1.7	10	430	190	202	4	63
562S/787E	<0.1	0.9	40	180	310	398	5	74
562S/800E	<0.1	1.1	10	190	960	270	2	45
562S/812E	0.2	6.1	<10	2550	830	49	65	79
562S/837E	0.3	11.9	<10	3530	370	148	3	40
562S/850E	0.1	2.4	20	360	340	520	4	58
562S/862E	1.0	2.7	20	320	610	256	13	65
562S/875E	0.2	4.2	<10	1060	100	51	<2	58
562S/887E	0.1	1.3	40	360	410	361	8	89
562S/900E	0.2	5.5	<10	4260	250	369	31	44
562S/912E	0.2	3.6	<10	3330	300	200	10	35
562S/925E	0.2	6.2	<10	680	160	121	<2	28
562S/937E	0.1	8.0	<10	1340	190	121	<2	19
562S/950E	0.5	4.7	<10	510	180	98	<2	48
730S/600E	0.2	1.5	50	260	400	300	20	44
730S/587E	1.5	1.9	30	340	390	222	10	40
730S/575E	<0.1	8.6	10	140	90	188	3	65
730S/562E	<0.1	4.6	30	220	660	524	12	103
730S/550E	2.2	6.8	60	250	960	422	27	56

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
730S/537E	0.1	5.2	60	310	290	450	12	47
730S/525E	<0.1	8.3	20	400	140	200	9	85
730S/512E	0.8	7.6	20	350	220	189	9	109
730S/500E	<0.1	5.3	20	210	230	76	4	32
730S/487E	<0.1	3.3	50	200	450	273	7	88
730S/475E	<0.1	2.2	40	350	250	101	8	68
730S/462E	<0.1	4.0	20	270	160	207	5	48
730S/450E	0.3	2.6	<10	370	30	39	5	44
775S/600E	0.4	1.3	70	300	540	384	25	30
775S/587E	0.2	3.0	30	550	280	228	15	94
775S/575E	0.1	3.6	40	540	280	229	9	104
775S/562E	0.1	2.2	30	400	230	310	10	163
775S/550E	0.5	1.6	20	320	410	140	5	63
775S/537E	0.1	13.4	<10	770	390	61	8	188
775S/525E	0.1	4.3	<10	490	190	126	6	61
*Rep 562S/800E	<0.1	0.9	10	180	890	251	<2	42
*Rep 730S/525E	<0.1	7.9	20	380	140	196	7	96
*Rep 730S/475E	0.2	2.3	30	510	230	79	6	80
*Std MMISRM18	7.6	22.8	10	820	680	250	28	70
*Std MMISRM19	5.7	25.1	<10	2020	2790	1390	9	456
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1

Certificate of Analysis
Work Order : VC172330
[Report File No.: 0000024178]

Date: August 23, 2017

To: **BILL TROUP**
JUBILEE GOLD EXPLORATION LTD
PO BOX 37029
NORTH YORK ON M2M 4J8

P.O. No.: L-B Project 149 MMI samples
Project No.: -
Samples: 84
Received: Jul 28, 2017
Pages: Page 1 to 4
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
84	G_LOG02	Pre-preparation processing, sorting, logging, boxing
84	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISPOSE AFTER 30 DAYS

Certified By : _____
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-625 201	0.3	9.2	20	580	390	254	8	52
L-625 202	0.1	5.5	40	280	600	361	12	77
L-625 203	0.5	9.0	<10	280	130	171	8	38
L-625 204	0.2	2.6	10	600	140	229	3	66
L-625 205	<0.1	2.4	<10	560	40	322	<2	179
L-625 206	<0.1	2.1	<10	260	180	153	2	29
L-625 207	<0.1	0.6	<10	300	130	112	3	27
L-625 208	<0.1	0.5	<10	170	50	64	2	13
L-625 209	<0.1	<0.5	<10	70	900	712	4	31
L-625 210	<0.1	1.0	<10	210	90	68	4	10
L-625 211	0.1	0.5	90	370	250	284	12	52
L-625 212	0.2	6.5	<10	2420	110	207	3	43
L-625 213	0.2	5.0	<10	4630	70	468	3	39
L-625 214	<0.1	13.1	<10	700	60	262	2	73
L-625 215	0.2	32.1	<10	1750	140	148	4	175
L-687 201	0.1	1.0	<10	130	70	55	4	36
L-687 202	1.0	5.2	<10	580	60	52	2	95
L-687 203	0.5	2.4	30	180	380	220	6	40
L-687 204	<0.1	<0.5	10	130	140	66	3	33
L-687 205	<0.1	<0.5	<10	230	80	47	3	71
L-687 206	<0.1	0.7	<10	190	150	69	3	37
L-687 207	<0.1	3.9	<10	940	40	83	4	19
L-687 208	<0.1	2.8	<10	570	120	101	3	83
L-687 209	<0.1	1.9	20	580	70	273	3	73
L-687 210	0.1	1.6	<10	1440	60	265	7	23
L-687 211	<0.1	1.3	50	340	100	60	7	60
L-750 201	0.4	10.7	<10	480	40	68	3	39
L-750 202	<0.1	0.9	<10	170	90	51	4	18
L-750 203	<0.1	0.7	<10	150	120	87	4	24
L-750 204	<0.1	1.5	<10	320	40	53	7	32
L-750 205	<0.1	0.5	<10	200	160	60	3	33
L-750 206	<0.1	5.5	<10	1150	60	261	7	51
L-750 207	<0.1	1.1	90	250	330	235	10	81
L-750 208	<0.1	1.5	40	310	140	261	6	152
L-750 209	0.1	2.5	<10	860	50	95	5	61
L-750 210	<0.1	1.3	30	400	80	72	4	57
L-750 211	0.2	1.6	70	1390	270	316	12	175
L-750 212	<0.1	2.2	40	1100	970	454	9	130
L-750 213	0.2	4.5	<10	860	50	60	5	82
L-750 214	0.1	1.0	<10	230	60	90	<2	39

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-1000 201	0.2	1.2	20	330	140	206	15	63
L-1000 202	<0.1	3.0	<10	1170	370	60	11	108
L-1000 203	<0.1	1.7	<10	530	150	50	7	14
L-1000 204	<0.1	<0.5	<10	330	390	32	5	40
L-1000 205	0.1	2.5	<10	1020	270	98	10	143
L-1000 206	<0.1	3.2	30	300	460	293	5	82
L-1000 207	0.3	1.1	20	380	230	214	12	66
L-1000 208	<0.1	5.2	20	280	130	173	9	96
L-1000 209	1.8	3.5	60	450	2130	986	15	41
L-1000 210	0.2	6.8	20	270	130	92	7	156
L-1125 201	<0.1	3.2	30	180	450	267	8	138
L-1125 202	<0.1	4.1	20	270	300	225	4	89
L-1125 203	<0.1	2.2	10	470	180	163	3	32
L-1125 204	0.2	2.0	<10	310	90	233	2	43
L-1250 201	0.3	14.2	<10	1240	110	385	16	165
L-1250 202	<0.1	7.1	40	150	250	177	8	98
L-1250 203	<0.1	9.6	20	160	530	288	11	45
L-1250 204	<0.1	9.5	<10	110	400	369	3	32
L-1250 205	<0.1	2.3	50	180	450	349	12	53
L-1250 206	0.3	4.8	10	250	110	191	5	79
L-1250 207	0.1	4.9	20	440	70	148	10	53
L-1250 208	1.2	1.5	40	220	480	131	10	39
L-1250 209	<0.1	1.7	10	130	490	324	16	17
L-1250 210	<0.1	5.2	20	290	90	120	4	47
L-1250 211	<0.1	2.7	<10	460	270	81	7	66
L-1250 212	<0.1	0.9	<10	470	120	27	5	69
L-1250 213	<0.1	2.6	40	150	150	153	7	29
L-1250 214	<0.1	0.9	10	500	50	40	<2	20
L-1250 215	<0.1	<0.5	<10	10	20	16	<2	87
L-1250 216	<0.1	<0.5	<10	170	300	129	10	33
L-1250 217	<0.1	0.9	<10	200	110	49	15	37
L-1250 218	<0.1	<0.5	<10	110	90	52	15	101
L-1250 219	0.1	12.4	<10	410	60	246	6	32
L-1250 220	<0.1	2.6	40	210	320	317	7	111
L-1250 221	<0.1	7.6	30	210	160	459	6	86
L-1250 222	<0.1	0.6	200	250	260	228	9	68
L-1250 223	<0.1	<0.5	<10	180	360	226	8	177
L-1250 224	<0.1	<0.5	<10	180	190	70	7	137
L-1250 225	<0.1	<0.5	<10	270	130	46	7	157
L-1375 201	<0.1	1.9	<10	170	130	212	5	28

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-1375 202	<0.1	1.3	40	130	250	64	4	46
L-1375 203	0.1	2.3	20	160	510	85	5	26
L-1375 204	0.1	2.6	60	200	850	140	10	42
L-1375 205	1.2	18.1	30	230	400	213	8	48
*Rep L-625 201	0.3	8.3	20	490	390	228	8	52
*Rep L-750 202	<0.1	1.0	<10	170	100	53	4	17
*Rep L-750 213	0.4	4.0	<10	970	60	58	6	79
*Rep L-1125 201	<0.1	3.3	30	190	330	252	8	164
*Rep L-1250 208	1.2	1.5	50	220	480	186	12	39
*Rep L-1250 219	0.1	12.0	<10	430	110	258	6	32
*Std MMISRM18	8.0	22.9	10	940	800	525	35	97
*Std MMISRM19	6.0	28.7	<10	2280	3040	1450	12	689
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1

Certificate of Analysis
Work Order : VC172331
[Report File No.: 0000024179]

Date: August 23, 2017

To: **BILL TROUP**
JUBILEE GOLD EXPLORATION LTD
PO BOX 37029
NORTH YORK ON M2M 4J8

P.O. No.: L-B Project 149 MMI samples
Project No.: -
Samples: 65
Received: Jul 28, 2017
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
65	G_LOG02	Pre-preparation processing, sorting, logging, boxing
65	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISPOSE AFTER 30 DAYS

Comments:
Insufficient material available for re-analysis.

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-1375 206	0.2	2.8	10	410	120	116	3	20
L-1375 207	<0.1	2.8	<10	530	140	195	5	72
L-1375 208	<0.1	3.1	20	290	630	292	2	59
L-1375 209	<0.1	2.3	20	660	310	114	5	135
L-1375 210	<0.1	0.7	<10	100	230	149	<2	118
L-1375 211	<0.1	<0.5	<10	250	170	32	<2	18
L-1375 212	<0.1	<0.5	<10	160	660	61	<2	24
L-1375 213	<0.1	1.3	<10	280	280	40	3	22
L-1375 214	0.1	<0.5	<10	1600	<10	<5	3	18
L-1375 215	<0.1	<0.5	<10	50	260	83	2	50
L-1375 216	<0.1	1.4	40	180	910	225	7	46
L-1375 217	<0.1	3.6	30	260	130	163	6	54
L-1375 218	0.2	1.5	20	170	170	52	2	38
L-1375 219	0.3	4.3	10	1140	110	105	8	51
L-1375 220	0.1	11.4	<10	620	60	21	3	141
L-1375 221	<0.1	2.1	10	420	230	256	7	98
L-1375 222	0.2	2.5	30	200	160	187	10	64
L-1375 223	<0.1	10.5	<10	140	120	357	2	93
L-1375 224	<0.1	2.7	10	130	110	81	3	38
L-1375 225	<0.1	0.8	50	120	2570	978	7	35
L-1375 226	<0.1	1.3	10	170	800	544	5	58
L-1375 227	<0.1	0.8	40	160	1190	772	19	50
L-1375 228	0.2	5.3	<10	420	80	85	3	59
L-1375 229	<0.1	3.2	40	160	150	137	14	72
L-1700 201	0.5	2.4	10	220	10	31	<2	25
L-1700 202	1.1	1.5	60	120	90	140	5	29
L-1700 203	2.2	3.7	20	110	200	377	3	37
L-1700 204	<0.1	3.7	60	270	440	352	9	40
L-1700 205	0.2	7.3	20	180	140	271	4	82
L-1700 206	0.8	17.5	40	560	150	119	12	113
L-1700 207	0.4	4.3	20	280	160	160	10	73
L-1700 208	0.3	8.6	20	510	120	81	4	77
L-1700 209	<0.1	1.0	10	240	1590	435	4	143
L-1700 210	<0.1	0.8	30	130	2070	524	10	35
L-1700 211	0.5	28.1	<10	1710	80	108	4	191
L-1700 212	1.2	1.2	10	280	70	137	3	78
L-1700 213	2.3	1.0	30	180	1180	430	10	21
L-1700 214	20.0	9.9	10	270	230	146	9	39
L-1700 215	0.7	3.1	<10	1590	80	120	<2	61
L-1700 216	0.4	2.4	<10	1800	40	51	<2	77

Final : VC172331 Order: L-B Project 149 MMI samples

Report File No.: 0000024179

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-1700 217	0.2	2.1	<10	770	170	98	5	82
L-1700 218	0.2	1.5	<10	1840	70	57	50	12
L-1700 219	0.4	6.8	<10	180	70	54	8	54
L-1700 220	0.2	1.2	40	490	370	829	18	367
L-1700 221	0.2	4.5	10	430	120	175	9	58
L-1700 222	0.6	1.3	<10	1650	<10	<5	7	69
L-1700 223	1.6	8.9	<10	1300	100	70	4	68
L-1700 224	<0.1	1.7	<10	760	70	139	<2	60
L-1700 225	<0.1	0.7	<10	520	40	120	<2	46
L-1700 226	<0.1	0.6	<10	780	100	52	3	46
L-1700 227	<0.1	<0.5	<10	330	130	52	2	41
L-1700 228	<0.1	<0.5	<10	200	270	32	4	32
L-1700 229	<0.1	<0.5	<10	180	270	19	6	37
L-1700 230	<0.1	<0.5	<10	170	180	60	<2	49
L-1700 231	<0.1	<0.5	<10	160	110	61	<2	31
L-1700 232	<0.1	<0.5	<10	220	100	27	<2	61
L-1700 233	<0.1	<0.5	<10	1130	60	75	<2	81
L-1700 234	0.3	3.4	<10	15900	50	59	<2	218
L-1700 235	<0.1	0.6	20	370	700	104	<2	114
L-1700 236	<0.1	<0.5	20	60	570	212	3	47
L-1700 237	2.4	2.1	10	4210	50	240	5	87
L-1700 238	0.4	1.9	20	1620	100	280	7	144
L-1700 239	0.1	3.6	30	1190	250	364	16	135
L-1700 240	0.1	<0.5	20	2580	20	46	8	31
L-1700 241	0.3	2.5	<10	3190	160	147	5	110
*Rep L-1375 210	<0.1	0.6	<10	90	200	111	<2	118
*Rep L-1375 220	0.1	12.1	<10	620	70	22	3	153
*Rep L-1700 227	<0.1	<0.5	<10	320	110	63	2	40
*Std AMIS0169	0.4	11.0	10	3010	190	94	3	93
*Std MMISRM18	8.2	22.4	20	920	730	426	33	83
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Rep L-1700 240	0.2	0.6	20	3050	20	43	7	24

Certificate of Analysis
Work Order : VC181881
[Report File No.: 0000029842]

Date: June 28, 2018

To: **William Troup**
JUBILEE GOLD EXPLORATION LTD
PO BOX 37029
NORTH YORK ON M2M 4J8

P.O. No.: 38 MMI samples
Project No.: -
Samples: 38
Received: Jun 11, 2018
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
38	G_LOG02	Pre-preparation processing, sorting, logging, boxing
38	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISPOSE AFTER 30 DAYS

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : VC181881 Order: 38 MMI samples

Report File No.: 0000029842

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
167W / 1637S	1.0	2.7	30	190	270	358	7	62
167W / 1650S	<0.1	5.0	20	210	290	158	2	52
167W / 1662S	0.3	10.8	30	550	370	134	12	465
167W / 1675S	0.3	13.3	20	510	300	145	12	112
167W / 1687S	0.2	6.2	30	430	500	122	9	180
167W / 1700S	49.3	14.2	20	500	290	208	17	175
167W / 1712S	0.3	3.2	40	160	100	270	7	48
167W / 1725S	0.9	16.2	20	550	260	135	8	169
167W / 1737S	0.2	1.4	80	350	770	327	7	51
167W / 1750S	0.2	4.2	30	280	1630	785	8	223
167W / 1762S	1.0	3.1	20	380	710	204	3	57
167W / 1775S	0.2	1.3	20	310	280	268	4	64
167W / 1789S	0.4	5.0	<10	250	60	37	2	72
1662S / 125N	0.4	14.4	30	800	2010	343	15	333
1662S / 137N	0.2	2.7	30	570	350	107	17	524
1662S / 150N	1.2	8.4	20	430	440	81	7	230
1662S / 175N	0.3	9.4	<10	1820	340	160	12	65
1662S / 187N	0.5	29.9	<10	2830	80	143	3	157
1662S / 200N	0.1	2.0	60	150	340	351	8	24
1375S / 0E	0.2	2.0	20	300	190	288	4	32
1375S / 12E	0.2	6.7	20	370	230	355	4	29
1375S / 25E	<0.1	3.1	20	230	390	170	3	14
1375S / 37E	1.2	7.4	70	340	570	152	9	28
1375S / 50E	2.7	8.0	20	250	320	163	6	41
1375S / 62E	0.1	3.5	40	240	470	200	6	36
1375S / 75E	0.1	1.7	10	270	120	225	5	48
1375S / 87E	<0.1	2.5	30	760	380	31	4	61
1375S / 100E	<0.1	2.5	30	480	320	62	6	65
1375S / 112E	0.2	1.4	30	450	560	158	4	129
1375S / 125E	<0.1	1.7	20	250	580	310	4	45
1375S / 137E	0.1	2.1	20	200	130	164	7	16
1375S / 150E	<0.1	3.5	30	210	410	191	3	44
1375S / 162E	0.3	6.1	20	450	370	269	4	35
1375S / 175E	0.5	3.9	40	200	200	177	8	45
1375S / 187E	0.2	3.0	30	240	270	222	4	44
1375S / 200E	0.2	0.9	20	150	130	62	3	32
1375S / 212E	0.2	3.4	10	310	90	134	3	25
1375S / 225E	0.1	1.8	30	260	1550	412	6	76
*Rep 167W / 1700S	50.0	14.9	20	400	250	253	16	155
*Rep 1662S / 137N	0.3	2.3	40	560	360	88	18	614

Final : VC181881 Order: 38 MMI samples

Report File No.: 0000029842

Element	Au	Ag	As	Cu	Zn	Pb	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 1375S / 87E	<0.1	3.4	20	750	440	31	4	50
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Std MMISRM24	3.1	19.2	<10	240	120	212	21	16

Certificate of Analysis
Work Order : SU1800594
[Report File No.: 0000015804]

Date: July 10, 2018

To: **William (Bill) Troupo**
JUBILEE GOLD EXPLORATION LTD
1365 Clarkson Road North
Mississauga
ON L5J 2W6

P.O. No.: Alcanex Ltd.
Project No.: -
Samples: 6
Received: Jun 11, 2018
Pages: Page 1 to 6
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
6	G_WGH79	Weighing of samples and reporting of weights
6	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
6	GE_FAA313	@Au, FAS, AAS, 30g-5ml
6	GE_ICP14B	2 acid digest for non-organic or low sulphide <10% - ICP-OES

Storage: Pulp & Reject
PULP STORAGE :
REJECT STORAGE :

Comments:
Assays not suitable for commercial exchange.

Certified By : Debbie Waldon
Debbie Waldon
Project Coordinator

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

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element	WtKg	@Au	Ag	Al	As	Ba	Be	Bi
Method	G_WGH79	GE_FAA313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.001	5	2	0.01	3	5	0.5	5
Units	kg	ppb	ppm	%	ppm	ppm	ppm	ppm
1575	1.674	<5	<2	0.72	<3	88	<0.5	<5
1576	0.943	<5	<2	0.81	<3	138	<0.5	<5
1577	0.457	<5	<2	0.74	<3	68	<0.5	<5
1578	0.834	<5	<2	0.36	<3	29	<0.5	<5
1579	0.911	34	<2	0.57	<3	27	<0.5	<5
1580	0.301	<5	<2	0.16	<3	24	<0.5	<5
*Rep 1575		<5						
*Std OREAS-217		346						
*Blk BLANK		5						
*Rep 1575			<2	0.73	<3	89	<0.5	<5
*Blk BLANK			<2	<0.01	<3	<5	<0.5	<5
*Std OREAS-903			<2	0.50	51	63	2.6	10

Final : SU1800594 Order: Alcanex Ltd.

Report File No.: 0000015804

Element	Ca	Cd	Co	Cr	Cu	Fe	Hg	K
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	1	1	1	0.5	0.01	1	0.01
Units	%	ppm	ppm	ppm	ppm	%	ppm	%
1575	0.33	<1	5	12	8.4	1.80	<1	0.38
1576	0.35	<1	5	29	6.8	1.75	<1	0.44
1577	0.27	<1	5	32	8.7	1.33	<1	0.28
1578	0.07	<1	1	28	3.0	0.88	<1	0.19
1579	0.27	<1	2	26	4.5	1.27	<1	0.10
1580	0.08	<1	<1	25	3.2	0.86	<1	0.08
*Rep 1575	0.34	<1	6	13	8.1	1.82	<1	0.38
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<1	<0.01
*Std OREAS-903	0.65	<1	138	26	6781	3.93	<1	0.32

Element	La	Li	Mg	Mn	Mo	Na	Ni	P
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	1	0.01	2	1	0.01	1	0.01
Units	ppm	ppm	%	ppm	ppm	%	ppm	%
1575	18.2	14	0.37	334	<1	0.06	4	0.04
1576	12.3	12	0.36	284	2	0.10	4	0.04
1577	3.7	8	0.28	161	2	0.07	4	0.02
1578	4.3	3	0.05	92	2	0.10	2	<0.01
1579	10.6	6	0.19	135	2	0.07	2	0.02
1580	0.8	2	0.05	132	2	0.04	2	<0.01
*Rep 1575	17.8	14	0.37	337	<1	0.07	5	0.04
*Blk BLANK	<0.5	<1	<0.01	<2	<1	0.02	<1	<0.01
*Std OREAS-903	22.4	1	0.23	729	4	0.01	50	0.11

Element	Pb	S	Sb	Sc	Sn	Sr	Ti	V
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	2	0.01	5	0.5	10	0.5	0.01	1
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm
1575	<2	<0.01	<5	1.1	<10	22.8	0.09	19
1576	<2	<0.01	<5	1.2	<10	27.8	0.08	20
1577	<2	<0.01	<5	0.7	<10	22.6	0.09	12
1578	2	<0.01	<5	1.0	<10	5.9	0.01	5
1579	16	0.04	<5	0.8	<10	19.4	0.05	11
1580	<2	<0.01	<5	<0.5	<10	6.7	0.02	3
*Rep 1575	<2	<0.01	<5	1.1	<10	23.0	0.09	19
*Blk BLANK	<2	<0.01	<5	<0.5	<10	<0.5	<0.01	<1
*Std OREAS-903	8	0.53	<5	2.9	<10	17.5	<0.01	13

Element	W	Y	Zn	Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm
1575	<10	6.1	59	2.5
1576	<10	3.7	59	2.0
1577	<10	2.1	42	2.4
1578	<10	14.2	11	13.5
1579	<10	1.7	40	1.6
1580	<10	<0.5	11	<0.5
*Rep 1575	<10	6.1	59	2.6
*Blk BLANK	<10	<0.5	<1	<0.5
*Std OREAS-903	<10	8.8	23	18.1

CALCULATED RR VALUES

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
1250S/162W	32	11	1	22	4	3	7	2
1250S/175W	14	9	1	4	3	2	4	1
1250S/187W	1	4	2	1	1	2	1	1
1250S/200W	1	2	1	1	1	3	1	1
1250S/212W	4	1	4	1	1	1	2	2
1250S/225W	2	1	1	1	1	1	1	1
1250S/237W	1	1	2	1	1	1	1	1
1250S/250W	4	4	1	3	1	0	0	3
1250S/262W	1	1	1	1	2	1	1	1
1250S/275W	6	4	1	8	1	0	1	2
1250S/287W	4	3	1	11	4	2	4	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
562S/650E	1	2	2	1	2	1	1	2
562S/662E	4	3	1	1	0	0	0	1
562S/675E	1	1	2	2	1	2	4	1
562S/682E	2	1	18	1	4	6	6	1
562S/700E	1	1	6	1	1	1	1	1
562S/712E	1	3	10	2	3	2	2	1
562S/725E	1	2	6	1	2	2	2	1
562S/737E	1	3	6	1	2	2	2	3
562S/750E	1	2	4	0	1	1	1	1
562S/762E	1	1	12	1	3	2	2	1
562S/775E	2	1	2	2	1	2	1	1
562S/787E	1	0	8	1	2	3	1	2
562S/800E	1	0	2	1	5	2	1	1
562S/812E	4	3	1	12	5	0	16	2
562S/837E	6	5	1	16	2	1	1	1
562S/850E	2	1	4	2	2	4	1	1
562S/862E	20	1	4	1	3	2	3	1
562S/875E	4	2	1	5	1	0	0	1
562S/887E	2	1	8	2	2	3	2	2
562S/900E	4	2	1	19	1	3	8	1
562S/912E	4	2	1	15	2	2	3	1
562S/925E	4	3	1	3	1	1	0	1
562S/937E	2	3	1	6	1	1	0	0

562S/950E	10	2	1	2	1	1	0	1

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
730S/600E	4	1	10	1	2	2	5	1
730S/587E	30	1	6	2	2	2	3	1
730S/575E	1	4	2	1	0	2	1	1
730S/562E	1	2	6	1	4	4	3	2
730S/550E	44	3	12	1	5	3	7	1
730S/537E	2	2	12	1	2	4	3	1
730S/525E	1	3	4	2	1	2	2	2
730S/512E	16	3	4	2	1	2	2	2
730S/500E	1	2	4	1	1	1	1	1
730S/487E	1	1	10	1	2	2	2	2
730S/475E	2	1	7	2	1	1	2	2
730S/462E	1	2	4	1	1	2	1	1
730S/450E	6	1	1	2	0	0	1	1

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
775S/600E	8	1	14	1	3	3	6	1
775S/587E	4	1	6	3	2	2	4	2
775S/575E	2	2	8	2	2	2	2	2
775S/562E	2	1	6	2	1	3	3	4
775S/550E	10	1	4	1	2	1	1	1
775S/537E	2	6	1	4	2	0	2	4
775S/525E	2	2	1	2	1	1	2	1

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-625-650E	6	8	4	2	6	4	3	2
L-625-675E	2	5	8	1	9	5	4	2
L-625-700E	10	9	1	1	2	3	3	1
L-625-725E	4	2	2	3	2	3	1	2
L-625-750E	1	2	1	2	1	5	0	5
L-625-775E	1	2	1	1	3	2	1	1
L-625-800E	1	0	1	1	2	1	1	1
L-625-825E	1	0	1	1	1	1	1	0
L-625-850E	1	0	1	0	13	11	1	1
L-625-875E	1	1	1	1	1	1	1	0
L-625-900E	2	0	18	2	4	4	4	2
L-625-925E	4	6	1	10	2	3	1	1
L-625-950E	4	5	1	20	1	7	1	1
L-625-975E	1	13	1	3	1	4	1	2
L-625-1000E	4	32	1	7	2	2	1	5

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-687-750E	2	1	1	1	1	1	1	1
L-687-775E	20	5	1	2	1	1	1	3
L-687-800E	10	2	6	1	5	3	2	1
L-687-825E	1	0	2	1	2	1	1	1
L-687-850E	1	0	1	1	1	1	1	2
L-687-875E	1	0	1	1	2	1	1	1
L-687-900E	1	3	1	4	1	1	1	1
L-687-925E	1	2	1	2	2	2	1	3
L-687-950E	1	1	4	2	1	4	1	2
L-687-975E	2	1	1	6	1	4	2	1
L-687-1000E	1	1	10	1	1	1	2	2

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-750-775E	8	10	1	2	1	1	1	1
L-750-800E	1	0	1	1	1	1	1	1
L-750-825E	1	0	1	1	2	1	1	1
L-750-850E	1	1	1	1	1	1	2	1
L-750-875E	1	0	1	1	2	1	1	1
L-750-900E	1	5	1	5	1	4	2	2
L-750-925E	1	1	18	1	5	4	3	2
L-750-950E	1	1	8	1	2	4	2	5
L-750-975E	2	2	1	4	1	1	2	2
L-750-1000E	1	1	6	2	1	1	1	2
L-750-1025E	4	1	14	6	4	5	4	5
L-750-1050E	1	2	8	5	14	7	3	4
L-750-1075E	6	4	1	4	1	1	2	2
L-750-1100E	2	1	1	1	1	1	0	1

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-1000-400E	4	1	4	1	2	3	5	2
L-1000-425E	1	3	1	5	5	1	4	3
L-1000-450E	1	1	1	2	2	1	2	0
L-1000-475E	1	0	1	1	6	0	2	1
L-1000-500E	2	2	1	4	4	1	3	4
L-1000-525E	1	3	6	1	7	4	2	2
L-1000-550E	6	1	4	2	3	3	4	2
L-1000-575E	1	5	4	1	2	3	3	3
L-1000-600E	36	3	12	2	30	15	5	1
L-1000-625E	4	6	4	1	2	1	2	5

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-1125-600E	1	3	6	1	6	4	3	5
L-1125-625E	1	4	4	1	4	3	1	3
L-1125-650E	1	2	2	2	3	2	1	1
L-1125-675E	4	2	1	1	1	4	1	1
L-1250-300E	6	14	1	5	2	6	5	5
L-1250-325E	1	7	8	1	4	3	3	3
L-1250-350E	1	9	4	1	8	4	4	1
L-1250-375E	1	9	1	0	6	6	1	1
L-1250-400E	1	2	10	1	6	5	4	2
L-1250-425E	6	4	2	1	2	3	2	2
L-1250-450E	2	4	4	2	1	2	3	2
L-1250-475E	24	1	9	1	7	2	4	1
L-1250-500E	1	1	2	1	7	5	5	1
L-1250-525E	1	5	4	1	1	2	1	1
L-1250-550E	1	2	1	2	4	1	2	2
L-1250-575E	1	0	1	2	2	0	2	2
L-1250-600E	1	2	8	1	2	2	2	1
L-1250-625E	1	0	2	2	1	1	0	1
L-1250-650E	1	0	1	0	0	0	0	3
L-1250-675E	1	0	1	1	4	2	3	1
L-1250-700E	1	0	1	1	2	1	5	1
L-1250-725E	1	0	1	0	1	1	5	3
L-1250-750E	2	12	1	2	1	4	2	1
L-1250-775E	1	2	8	1	5	5	2	3
L-1250-800E	1	7	6	1	2	7	2	3
L-1250-825E	1	0	40	1	4	3	3	2
L-1250-850E	1	0	1	1	5	3	3	5
L-1250-875E	1	0	1	1	3	1	2	4
L-1250-900E	1	0	1	1	2	1	2	5

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-1375-500E	1	1	1	1	2	3	2	1
L-1375-512E	1	1	8	1	4	1	1	1
L-1375-525E	2	2	4	1	7	1	2	1
L-1375-537E	2	2	12	1	12	2	3	1
L-1375-550E	24	18	6	1	6	3	3	1
L-1375-562E	4	2	2	2	2	2	1	1
L-1375-575E	1	2	1	2	2	3	2	2
L-1375-587E	1	3	4	1	9	4	1	2
L-1375-600E	1	2	4	3	4	2	2	4
L-1375-612E	1	0	1	0	3	2	0	4
L-1375-625E	1	0	1	1	2	0	0	1
L-1375-637E	1	0	1	1	9	1	0	1
L-1375-650E	1	1	1	1	4	1	1	1
L-1375-662E	2	0	1	7	0	0	1	1
L-1375-675E	1	0	1	0	4	1	1	2
L-1375-687E	1	1	8	1	13	3	2	1
L-1375-700E	1	3	6	1	2	2	2	2
L-1375-712E	4	1	4	1	2	1	1	1
L-1375-725E	6	4	2	5	2	2	3	2
L-1375-737E	2	11	1	3	1	0	1	4
L-1375-750E	1	2	2	2	3	4	2	3
L-1375-762E	4	2	6	1	2	3	3	2
L-1375-775E	1	10	1	1	2	5	1	3
L-1375-787E	1	2	2	1	2	1	1	1
L-1375-800E	1	0	10	1	37	15	2	1
L-1375-812E	1	1	2	1	11	8	2	2
L-1375-825E	1	0	8	1	17	12	6	2
L-1375-837E	4	5	1	2	1	1	1	2
l-1375-850E	1	3	8	1	2	2	5	2

STATION	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
L-1700-BL0	10	2	2	1	0	0	0	1
L-1700-12W	22	1	12	1	1	2	2	1
L-1700-25W	44	3	4	0	3	6	1	1
L-1700-37W	1	3	12	1	6	5	3	1
L-1700-50W	4	7	4	1	2	4	1	2
L-1700-62W	16	17	8	2	2	2	4	3
L-1700-75W	8	4	4	1	2	2	3	2
L-1700-87W	6	8	4	2	2	1	1	2
L-1700-100W	1	1	2	1	23	7	1	4
L-1700-112W	1	0	6	1	30	8	3	1
L-1700-125W	10	28	1	7	1	2	1	6
L-1700-137W	24	1	2	1	1	2	1	2
L-1700-150W	46	1	6	1	17	7	3	1
L-1700-162W	400	9	2	1	3	2	3	1
L-1700-175W	14	3	1	7	1	2	0	2
L-1700-187W	8	2	1	8	1	1	0	2
L-1700-200W	4	2	1	3	2	1	2	2
L-1700 -212W	4	1	1	8	1	1	17	0
L-1700-225W	8	6	1	1	1	1	3	2
L-1700-237W	4	1	8	2	5	13	6	11
L-1700-250W	4	4	2	2	2	3	3	2
L-1700-262W	12	1	1	7	0	0	2	2
L-1700-275W	32	8	1	6	1	1	1	2
L-1700-287W	1	1	1	3	1	2	0	2
L-1700-300W	1	0	1	2	1	2	0	1
L-1700-312W	1	0	1	3	1	1	1	1
L-1700-325W	1	0	1	1	2	1	1	1
L-1700-337W	1	0	1	1	4	0	1	1
L-1700-350W	1	0	1	1	4	0	2	1
L-1700-362W	1	0	1	1	3	1	0	1
L-1700-375W	1	0	1	1	2	1	0	1
L-1700-387W	1	0	1	1	1	0	0	2
L-1700-400W	1	0	1	5	1	1	0	2
L-1700-412W	6	3	1	68	1	1	0	7
L-1700-425W	1	0	4	2	10	2	0	3
L-1700-437W	1	0	4	0	8	3	1	1
L-1700-450W	48	2	2	18	1	4	2	3
L-1700-462W	8	1	4	7	1	4	2	4
L-1700-475W	2	3	6	5	4	6	5	4
L-1700-487W	3	0	4	12	0	1	3	1
L-1700-500W	6	2	1	14	2	2	2	3

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
167W / 1637S	20	1	2	1	1	3	2	2
167W / 1650S	1	2	1	1	1	1	1	1
167W / 1662S	6	5	2	2	2	1	3	12
167W / 1675S	6	6	1	2	1	1	3	3
167W / 1687S	4	3	2	2	2	1	2	5
167W / 1700S	993	7	1	2	1	2	4	4
167W / 1712S	6	1	2	1	0	2	2	1
167W / 1725S	18	7	1	2	1	1	2	5
167W / 1737S	4	1	4	1	3	2	2	1
167W / 1750S	4	2	2	1	7	6	2	6
167W / 1762S	20	1	1	2	3	1	1	2
167W / 1775S	4	1	1	1	1	2	1	2
167W / 1789S	8	2	0	1	0	0	1	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
1662S / 125W	8	7	2	3	8	3	4	9
1662S / 137W	5	1	2	2	1	1	4	15
1662S / 150W	24	4	1	2	2	1	2	6
1662S/167W	6	5	2	2	2	1	3	12
1662S / 175W	6	4	0	8	1	1	3	2
1662S / 187W	10	14	0	12	0	1	1	4
1662S / 200W	2	1	3	1	1	3	2	1

	AuRR	AgRR	AsRR	CuRR	ZnRR	PbRR	MoRR	CoRR
1375S / 0E	4	1	1	1	1	2	1	1
1375S / 12E	4	3	1	2	1	3	1	1
1375S / 25E	1	1	1	1	2	1	1	0
1375S / 37E	24	3	4	1	2	1	2	1
1375S / 50E	54	4	1	1	1	1	2	1
1375S / 62E	2	2	2	1	2	1	2	1
1375S / 75E	2	1	1	1	1	2	1	1
1375S / 87E	1	1	1	3	2	0	1	1
1375S / 100E	1	1	2	2	1	0	2	2
1375S / 112E	4	1	2	2	2	1	1	3
1375S / 125E	1	1	1	1	2	2	1	1
1375S / 137E	2	1	1	1	1	1	2	0
1375S / 150E	1	2	2	1	2	1	1	1
1375S / 162E	6	3	1	2	2	2	1	1
1375S / 175E	10	2	2	1	1	1	2	1
1375S / 187E	4	1	2	1	1	2	1	1
1375S / 200E	4	0	1	1	1	0	1	1
1375S / 212E	4	2	1	1	0	1	1	1
1375S / 225E	2	1	2	1	7	3	2	2

APPENDIX C

FIELD NOTES

JUBILEE GOLD - LEESON-BRACKIN, SOIL SAMPLING - 2017
MAIN GRID
LINE 1250 SOUTH , Sampled June 15, 2117, W. Troup

Location	Sample Description	Comments
162West	dark grey-black clay (possible or	low, wet ground, 40 cm/possible fine py?
		0288820E/5359862N
175West	Similar to 162West	low, wet ground, 40 cm/fine py?
187West	light brown sandy A/B	birch and young spruce, flat dry, 30cm
200West	Similar to 187West	birch and young spruce, flat dry,30cm
	granite o/c, fol'd strike-160deg/c	0288781E/5359845N
	xcutting narrow qtz veins trend 140 & random	
	brecciated granite	
212west	yellow-brown sandy-silty A/B	young poplar, spruce, 30 cm
225West	silty-sandy brown A/B	young poplar, spruce, 30 cm
237West	silty-sandy brown A/B	young poplar, spruce, 30 cm
250West	grey pebaly clay rich till	low but dry
262West	grey/brown mixed clay rich sand	young poplar, spruce, 30 cm
275West	dark grey clay rich A/B	low, wet, 40 cm
287West	dark grey gritty clay rich A/B	low, wet, 72cm, below deep humus
300 West	N/S	low wet cedar swamp, deep humus
312West	N/S	low wet cedar swamp, deep humus
325West	N/S	low wet cedar swamp, deep humus
337West	N/S	low wet cedar swamp, deep humus
350West	N/S	low wet cedar swamp, deep humus
362West	N/S	low wet cedar swamp, deep humus
375 West	N/S	low wet cedar swamp, deep humus
		0288644E/5359770N

LINE 562 SOUTH, Sampled June 16, 2017, W. Troup

650EAST	pale brown silty-sandy A/B	young poplar, spruce, low, flat, dry, 30cm
		02892916E/5360786
662EAST	grey silty/sandy A/B	young poplar, spruce, low, flat, dry, 30cm
675East	grey silty/sandy A/B	young poplar, spruce, low, flat, dry, 30cm
682East	brown silty/sandy A/B	young poplar, spruce, low, flat, dry, 30cm
700East	brown silty/sandy A/B	young poplar, spruce, low, flat, dry, 30cm
712East	brown silty/sandy A/B	young poplar, spruce, low, flat, dry, 30cm
725East	brown silty/sandy A/B	young poplar, spruce, low, flat, dry, 30cm
737East	mixed grey/brown silty/sandy A/	young poplar, spruce, low, flat, dry, 30cm
750East	mixed grey/brown silty/sandy A/	young poplar, spruce, low, flat, dry, 30cm
762East	bleached grey sandy/silty A/B	young poplar, spruce, low, flat, dry, 30cm
775East	brown sandy B	flat,west side of slope down to creek
787East	grey brown sandy A/B	top of slope down to East
		slope is grey granite & pink/grey intrusive
800East	grey clay	at edge of swamp
812East	grey clay under 9 feet of humus	swamp, grassy
825East	N/S (NO SAMPLE	>10 feet of Humus
837East	grey black clay	grassy swamp, 80 cm
850East	brown sandy B	mature spruce, dry, 30cm
862East	brown sandy -silty B	mature spruce, dry, 30cm
875East	brown sandy-silty B	mature spruce, dry, 30cm
887east	brown-grey clay rich sandy B	mature spruce, dry, 30cm
900East	grey clay	bottom of slope, low, wet,near creek, 50cm
912East	dark grey clay	low, wet, 50 cm
925East	coarse sand, possible weathered	low, wet, 50 cm
937East	dark grey clay	low, wet, 50 cm
950East	grey silty/sandy A/B	mature spruce, dry, 30cm
		0289565E/5360898N

LINE 730 SOUTH, Sampled June 17, 2017, W. Troup

600East	brown/grey sandy A/B	open cut, young spruce/alders, 30 cm 0289311E/5360658N
587East	brown/grey sandy A/B	open cut, young spruce/alders, 30cm
575East	mixed brown/grey A/B	open cut, young spruce/alders, 30 cm
562East	mixed brown/grey A/B	open cut, young spruce/alders, 30 cm
550East	mixed brown/grey A/B	open cut, young spruce/alders, 30 cm
537East	mixed brown/grey A/B	open cut, young spruce/alders, 30 cm
525East	silty brown sandy A/B	open cut, young spruce/alders, 30 cm
512East	sandy, gritty clay till	low, wet, 30 cm
500east	brown/grey sandy A/B	open cut, 30 cm
487East	brown/grey sandy A/B	open cut, 30 cm
475East	brown/grey sandy A/B	open cut, 30 cm
462East	brown/grey sandy A/B	open cut, 30 cm, near bush road,disturbed
450East	grey silty sandy A/B	open cut, young spruce, poplar, 30 cm 028916E/5360596N

LINE 775 SOUTH, Sampled June 18, 2017, W. Troup

600East	grey sandy A/B 0289334E/5360567N	open cut, young spruce, 30cm, grey granite o/c, foliated 160 degrees, dip steep w
587East	grey sandy A/B	open cut, young spruce, 30cm,
575East	brown grey silty sandy A/B	open cut, young spruce, 30cm,
562East	grey gritty sandy A/B	wet, open cut alders, 50cm
550East	clay rich sandy A/B	open cut, young spruce, 30cm,
537East	grey silty sandy A/B	open cut, wet, swampy, 50cm
525East	grey clay	open, wet, swampy, 50cm
512East	N/S No Sample	wet, open cut alders
500East	N/S No Sample	wet, open cut alders
487East	N/S No Sample	wet, open cut alders
475East	N/S No Sample	wet, open cut alders
462East	N/S No Sample	wet, open cut alders
450East	N/S No Sample	wet, open cut alders 0289157E/5360494N

JUBILEE GOLD - LEESON-BRACKIN, SOIL SAMPLING - 2018
MAIN GRID
LINE 167 West, Sampled June 6 and 7, 2118, W. Troup

Location	Sample Description	Comments	Depth
1637 South	gray silty A/B	low, wet ground, cut area, young spruce/alder 0288978E/5359506N	20cm
1650 South	dark gray silty/sandy A/B	low, wet ground, cut area, young spruce/alder	20cm
1662 South	brown/gray silty/sandy A/B	low, wet ground, cut area, young spruce/alder	20cm
1675South	brown/gray silty/sandy A/B	low, wet ground, cut area, young spruce/alder	20cm
1687 South	brown/gray silty/sandy A/B	low, wet ground, cut area, young spruce/alder	20cm
1700 South	gray sandy/silty B	low, wet ground, o/c ridge 10 metres to East cut area, young spruce	20cm
1712South	brown sandy A/B, dry	brown sandy A/B, low but dry rock ridge to East, swamp to West, cut area,	20cm
1725 South	gray sandy/silty, gritty A/B	rock ridge to East, cut area, wet and low	20cm
1737 South	brown/gray sandy gritty A/B	brown gray sandy gritty A/b rock o/c to South, gray granite with red alteration 0289004E/5359413N	20cm
1750 South	brown gray, clay rich silty A/B	brown grayclay rich silty A/B	20cm
1762 South	gray silty sandy A/B	gray silty sandy A/B	20cm
1775 South	brown sandy B	brown sandy B, dry, spruce birch not cut	20cm
1787South	brown silty A/B	brown silty A/B 0289026E/5359355N	20cm

LINE 1667 South, Sampled June 8, 2018, W. Troup

125 North	dark brown/gray silty A/B	low, wet, o/c rdde to east, whte/gray Granite, cut area	20 cm
137 North	dark brown silty A/B	low, wet, bouldery area, cut, poplar, alders, spruce	20 cm
150 North	gray silty sandy A/B	dry, flat, lots of boulders. cut area, young spruce, etc.s	20 cm
175 North	dark brown/gray sandy gravelly A/B	boulders and possible o/c, cut area as above	20 cm
187 North	brown silty sandy A/B	granite o/c, fol'd 170d, vertical, cut areas as above	20 cm
200 North	pale gray/brown silty A/B	dry, low, cut area, as above 0288943E/5359474N	20 cm

LINE 1375 South, Sampled June 9, 2018, W. Troup

0 East	brown sandy B	High and dry, cut, young spruce, birch, granite o/c, fol'd trend 160, vertical,	20 cm
12 East	brown sandy B	as for previous sample	20 cm
25 East	dark brown sandy B	as for previous sample, gray gr o/c, fol'd 150/vertical	20 cm
37 East	dark brown sandy B	as for previous sample	20 cm
50 East	dark brown sandy B	as for previous	20 cm
62 East	dark brown sandy B	as for previous.	20 cm
75 East	dark brown/gray silty A/B	low, and wet, boulders, slope gentle down to east	30 cm
87 East	dark brown/gray silty A/B	diabase o/c massive black, flat ground	10 cm
100 East	gray silty/sandy A/B	flat ground, cut area, spruce poplar etc.	20 cm
112East	gray silty/sandy A/B	flat ground, cut area, spruce poplar etc.	20 cm
125 East	dark brown sandy B	top of ridge, slope down to east gray granite 180/vertical, cut, young spruce and poplar	20 cm
137 East	dark brown sandy B	flat ground, cut area, spruce poplar etc.	50 cm
150 East	gray/brown sandy A/B	slope gentle down to east	20 cm
162 East	gray/brown sandy/silty A/B	low and at south edge of white granite o/c, foliated 160/ steep to west	20 cm
175 East	gray/brown sandy/silty A/B	low, and and gray granite o/c in area.	20 cm
187 East	gray/brown sandy/silty A/B	as for previous	20 cm
200 East	gray.brown silty A/B	as for previous but sharp drop to east	20 cm
212 East	gray/brown silty sandy A/B	low , flat, at east side of granite ridge, spuce and birch	20 cm
225 East	gray/brown silty sandy A/B	as for previoussample	20 cm

DAN PATRIE SOIL SAMPLING – 2017
↓

Sample		Terrain	Bush	Soil	Depth(cm)	Easting	Northing
Line 625S	Station						
625-201	650E	Flat	Log Cut	Silt	30	289310	5360741
625-202	675E	Flat	Log Cut	Silt	30	289331	5360751
625-203	700E	Flat	Spruce/Birch	Silt/Clay	30	289352	5360762
625-204	725E	Flat	Spruce/Birch	Silt/Clay	30	289377	5360773
625-205	750E	Flat	Spruce/Birch	Loam	30	289400	5360781
625-206	775E	Flat	Spruce/Birch	Loam	30	289422	5360792
625-207	800E	Flat	Spruce	Loam	50	289447	5360805
625-208	825E	Flat	Spruce	Loam	50	289466	5360813
625-209	850E	Flat	Swamp	Humus	100	289492	5360824
625-210	875E	Flat	Swamp	Humus/Loa	100	289516	5360835
625-211	900E	Hill	Spruce	Silt	30	289538	5360844
625-212	925E	Flat	Spruce	Sand/Humu	50	289561	5360854
625-213	950E	Flat	Spruce	Humus/Cla	50	289584	5360865
625-214	975E	Flat	Spruce	Humus/Cla	50	289606	5360873
625-215	1000E	Flat	Spruce	Clay	30	289627	5360879
Line 687S	Station						
687-201	750E	Flat	Log Cut	Sand	30	289429	5360720
687-202	775E	Flat	Log Cut	Silt/Clay	30	289453	5360730
687-203	800E	Flat	Log Cut	Silt/Clay	30	289473	5360742
687-204	825E	Flat	Swamp	Humus	100	289493	5360749
687-205	850E	Flat	Swamp	Humus	100	289522	5360758
687-206	875E	Flat	Swamp	Humus	100	289546	5360769
687-207	900E	Flat	Swamp	Loam	75	289565	5360777
687-208	925E	Hill	Log Cut	Silt	30	289590	5360787
687-209	950E	Flat	Log Cut	Silt	30	289613	5360800
687-210	975E	Flat	Log Cut	Silt/Clay	30	289637	5360807
687-211	1000E	Flat	Log Cut	Silt	30	289658	5360817
Line 750S	Station						
750-201	775E	Flat	Log Cut	Silt/Clay	30	289475	5360687
750-202	800E	Flat	Swamp	Humus	100	289498	5360697
750-203	825E	Flat	Swamp	Humus	100	289520	5360708
750-204	850E	Flat	Swamp	Humus	100	289540	5360719
750-205	875E	Flat	Spruce	Loam/Hum	100	289566	5360732
750-206	900E	Flat	Spruce	Loam	50	289586	5360738
750-207	925E	Hill	Log Cut	Silt/Clay	30	289615	5360754
750-208	950E	Flat	Log Cut	Silt/Clay	30	289638	5360758
750-209	975E	Hill	Log Cut	Silt	30	289661	5360773
750-210	1000E	Flat	Log Cut	Silt	30	289682	5360783
750-211	1025E	Flat	Spruce	Snad/Clay	30	289711	5360792
750-212	1050E	Flat	Spruce	Silt/Clay	30	289729	5360805
750-213	1075E	Flat	Spruce	Silt/Clay	30	289752	5360818
750-214	1100E	Flat	Spruce	Silt	30	289771	5360824

L-1000S	Station						
1000-201	400E	Hill	Spruce/Birich	Silt/Clay	30	289232	5360298
1000-202	425E	Flat	Spruce/Birich	Loam/Hum	50	289253	5360307
1000-203	450E	Flat	Cedar	Loam/Hum	100	289274	5360318
1000-204	475E	Flat	Cedar	Loam/Hum	75	289299	5360329
1000-205	500E	Hill	Spruce/Birich	Sand/Clay	30	289323	5360345
1000-206	525E	Hill	Spruce/Birich	Silt	30	289346	5360351
1000-207	550E	Hill	Spruce/Birich	Silt/Clay	30	289370	5360359
1000-208	575E	Hill	Spruce/Birich	Sand/Clay	30	289391	5360370
1000-209	600E	Hill	Spruce/Birich	Sand	20	289415	5360382
1000-210	625E	Hill	Spruce/Birich	Silt/Clay	30	289438	5360391
L-1125S	Station						
1125-201	600E	Flat	Spruce	Silt/Clay	30	289459	5360260
1125-202	625E	Flat	Spruce	Silt/Clay	30	289479	5360270
1125-203	650E	Hill	Spruce	Silt	30	289504	5360277
1125-204	675E	Hill	Spruce	Silt/Clay	30	289525	5360287
L-1250S	Station						
1250-201	300E	Hill	Alders	Silt/Clay	30	289233	5360045
1250-202	325E	Hill	Alders	Silt	30	289254	5360058
1250-203	350E	Hill	Alders	Silt/Clay	30	289278	5360065
1250-204	375E	Flat	Alders	Silt	30	289302	5360077
1250-205	400E	Hill	Spruce	Silt/Clay	30	289320	5360087
1250-206	425E	Hill	Spruce	Silt/Clay	30	289345	5360094
1250-207	450E	Hill	Spruce	Silt	30	289370	5360109
1250-208	475E	Hill	Spruce	Silt	30	289394	5360112
1250-209	500E	Hill	Spruce	Silt	30	289414	5360125
1250-210	525E	Hill	Spruce	Silt	30	289438	5360129
1250-211	550E	Flat	Swamp	Humus	100	289460	5360139
1250-212	575E	Flat	Swamp	Humus	75	289487	5360150
1250-213	600E	Hill	Spruce/Brich	Silt	30	289506	5360161
1250-214	625E	Hill	Spruce/Brich	Silt	30	289531	5360166
1250-215	650E	Hill	Spruce	Humus	50	289556	5360180
1250-216	675E	Flat	Swamp	Humus	100	289579	5360187
1250-217	700E	Flat	Swamp	Humus	100	289601	5360198
1250-218	725E	Flat	Swamp	Humus	100	289628	5360208
1250-219	750E	Hill	Poplar	Silt	30	289649	5360219
1250-220	775E	Flat	Poplar	Silt	30	289672	5360230
1250-221	800E	Flat	Poplar	Silt	30	289702	5360238
1250-222	825E	Hill	Poplar	Silt	30	289725	5360249
1250-223	850E	Flat	Swamp	Humus	100	289743	5360258
1250-224	875E	Flat	Swamp	Humus	100	289765	5360269
1250-225	900E	Flat	Swamp	Humus	100	289787	5360282

L-1375S	Station						
1375-201	500E	Hill	Spruce	Silt	30	289476	5360014
1375-202	512E	Hill	Poplar	Silt	30	289481	5360018
1375-203	525E	Flat	Sruce/Poplar	Silt	30	289491	5360021
1375-204	537E	Flat	Alders	Silt/Clay	15	289500	5360026
1375-205	550E	Flat	Alders	Silt/Clay	30	289508	5360029
1375-206	562E	Flat	Cedar	Silt	30	289519	5360035
1375-207	575E	Flat	Cedar	Silt/Clay	30	289530	5360039
1375-208	587E	Flat	Cedar	Loam	30	289543	5360044
1375-209	600E	Flat	Cedar	Silt/Clay	30	289552	5360047
1375-210	612E	Flat	Cedar	Silt/Clay	30	289565	5360053
1375-211	625E	Flat	Swamp	Humus	100	289575	5360059
1375-212	637E	Flat	Swamp	Humus	100	289589	5360066
1375-213	650E	Flat	Swamp	Humus/Cla	100	289602	5360072
1375-214	662E	Flat	Swamp	Humus/Cla	100	289613	5360075
1375-215	675E	Flat	Swamp	Humus	50	289623	5360078
1375-216	687E	Hill	Spruce/Poplar	Sand	30	289633	5360085
1375-217	700E	Hill	Spruce/Poplar	Sand/Clay	30	289649	5360089
1375-218	712E	Hill	Spruce/Birch	Silt	30	289659	5360094
1375-219	725E	Flat	Spruce/Birch	Silt/Clay	30	289671	5360099
1375-220	737E	Flat	Spruce/Birch	Silt/Clay	30	289679	5360103
1375-221	750E	Flat	Spruce/Birch	Silt/Clay	30	289691	5360108
1375-222	762E	Flat	Spruce/Birch	Silt/Clay	30	289704	5360115
1375-223	775E	Flat	Spruce/Birch	Sand	30	289716	5360121
1375-224	787E	Flat	Spruce/Birch	Sand	30	289728	5360127
1375-225	800E	Flat	Spruce/Birch	Sand	30	289737	5360133
1375-226	812E	Flat	Spruce/Birch	Sand	30	289750	5360138
1375-227	825E	Flat	Spruce/Birch	Silt	30	289760	5360140
1375-228	837E	Flat	Spruce/Birch	Silt	30	289769	5360143
1375-229	850E	Flat	Spruce/Birch	Silt	30	289782	5360151

L-1700S	Station						
1700-201	BL-0	Hill	Spruce	Silt	30	289142	5359514
1700-202	12W	Hill	Spruce/Birch	Silt/Clay	30	289129	5359512
1700-203	25W	Hill	Spruce/Birch	Silt	30	289115	5359507
1700-204	37W	Hill	Spruce/Birch	Silt	30	289109	5359499
1700-205	50W	Hill	Spruce/Birch	Silt	30	289097	5359495
1700-206	62W	Hill	Spruce/Birch	Silt/Clay	30	289084	5359491
1700-207	75W	Hill	Spruce/Birch	Silt/Clay	30	289076	5359488
1700-208	87W	Hill	Spruce/Birch	Silt/Clay	30	289062	5359479
1700-209	100W	Hill	Road Ditch	Sand/Humı	50	289051	5359474
1700-210	112W	Hill	Spruce/Birch	Silt	30	289043	5359470
1700-211	125W	Hill	Spruce/Birch	Silt/Clay	30	289029	5359467
1700-212	137W	Hill	Spruce/Birch	Silt/Clay	30	289011	5359458
1700-213	150W	Hill	Spruce/Birch	Silt/Clay	30	289006	5359457
1700-214	162W	Hill	Spruce/Birch	Silt/Clay	30	288992	5359451
1700-215	175W	Flat	Alders	Sand/Loam	50	288983	5359446
1700-216	187W	Flat	Alders	Loam/Clay	75	288970	5359439
1700-217	200W	Flat	Alders	Loam/Clay	75	288959	5359438
1700-218	212W	Flat	Alders	Loam/Clay	75	288945	5359432
1700-219	225W	Flat	Alders	Sand	30	288935	5359424
1700-220	237W	Flat	Alders	Loam/Clay	30	288923	5359419
1700-221	250W	Flat	Alders	Sand/Loam	30	288909	5359415
1700-222	262W	Flat	Alders	Loam/Clay	30	288900	5359413
1700-223	275W	Flat	Alders	Loam/Clay	30	288887	5359404
1700-224	287W	Flat	Spruce/Birch	Loam/Clay	75	288877	5359402
1700-225	300W	Flat	Alders	Loam	50	288866	5359399
1700-226	312W	Flat	Alders	Loam	75	288853	5359395
1700-227	325W	Flat	Alders	Loam	100	288842	5359386
1700-228	337W	Flat	Alders	Humus	100	288829	5359382
1700-229	350W	Flat	Alders	Humus	100	288818	5359378
1700-230	362W	Flat	Alders	Loam/Hum	100	288806	5359374
1700-231	375W	Flat	Alders	Humus	100	288795	5359369
1700-232	387W	Flat	Alders	Loam/Hum	100	288785	5359362
1700-233	400W	Flat	Alders	Loam/Hum	50	288774	5359359
1700-234	412W	Flat	Alders	Loam/Clay	50	288765	5359356
1700-235	425W	Hill	Spruce	Humus	20	288752	5359349
1700-236	437W	Hill	Spruce	Silt	20	288735	5359346
1700-237	450W	Hill	Spruce	Silt/Clay	30	288728	5359342
1700-238	462W	Hill	Spruce	Sand/Clay	30	288715	5359335
1700-239	475W	Hill	Spruce	Sand/Clay	30	288705	5359332
1700-240	487W	Hill	Spruce	Silt	30	288694	5359326
1700-241	500W	Hill	Spruce	Silt	30	288684	5359322

OUTCROP SAMPLING-2017

	LOCATION	DESCRIPTION
1539	L625S/25 West	-grey, foliated granite, trace py, Strike 160^{o},dip near vertical, grab sample
1540	L625S/37 West	-similar to 1539, grab sample
1564	L625S/65 West	-foliated and brecciated grey granite, strike 110^{o}, dip near vertical, trace fine py, grab
1565	L625S/180 West	-foliated grey granite, strike 160^{o}/vertical, trace py, grab
1566	675S/7 West,	-shear trending 120^{o}/dip 80^{o} west, in grey granite strike 160^{o}/vertical, trace fine diss. py., grab
1567	675S/37 West	-Loose rock at edge of o/c, smilar to 1566 but more-py~1% grab
1568	625S/40 West	-Foliated grey granite, as for 1539, with qtz. veining and trace py. grab
1569	1250S/200 West	-massive to foliated grey granite, trend 160^{o} and vertical, cut by narrow q.v's and trace py on fracture filings trend 140^{o}. grab
1570	L1255S/200 West	-brecciated grey granite, trend 120^{o}/dip 80^{o} south, grab
1571	L562S/790 East	-pink/orange granite filling fractures trending 140^{o}, ½ metre wide, dark grey mineral, (possible hematite), chip spl.
1572	L562S/ 875 East	-coarse grained massive pink grey intrusive with dark clots. grab
1573	~1195S, B.L. 0+00	-6" wide white quartz vein, in foliated grey granite, trending 160^{o}, dip -steep to west., grab
1574	~near 1375S/75 West 02889226E/5359920N	-rusty sheared or gneissic grey granite, strike 160^{o}/ dip-steep west. grab

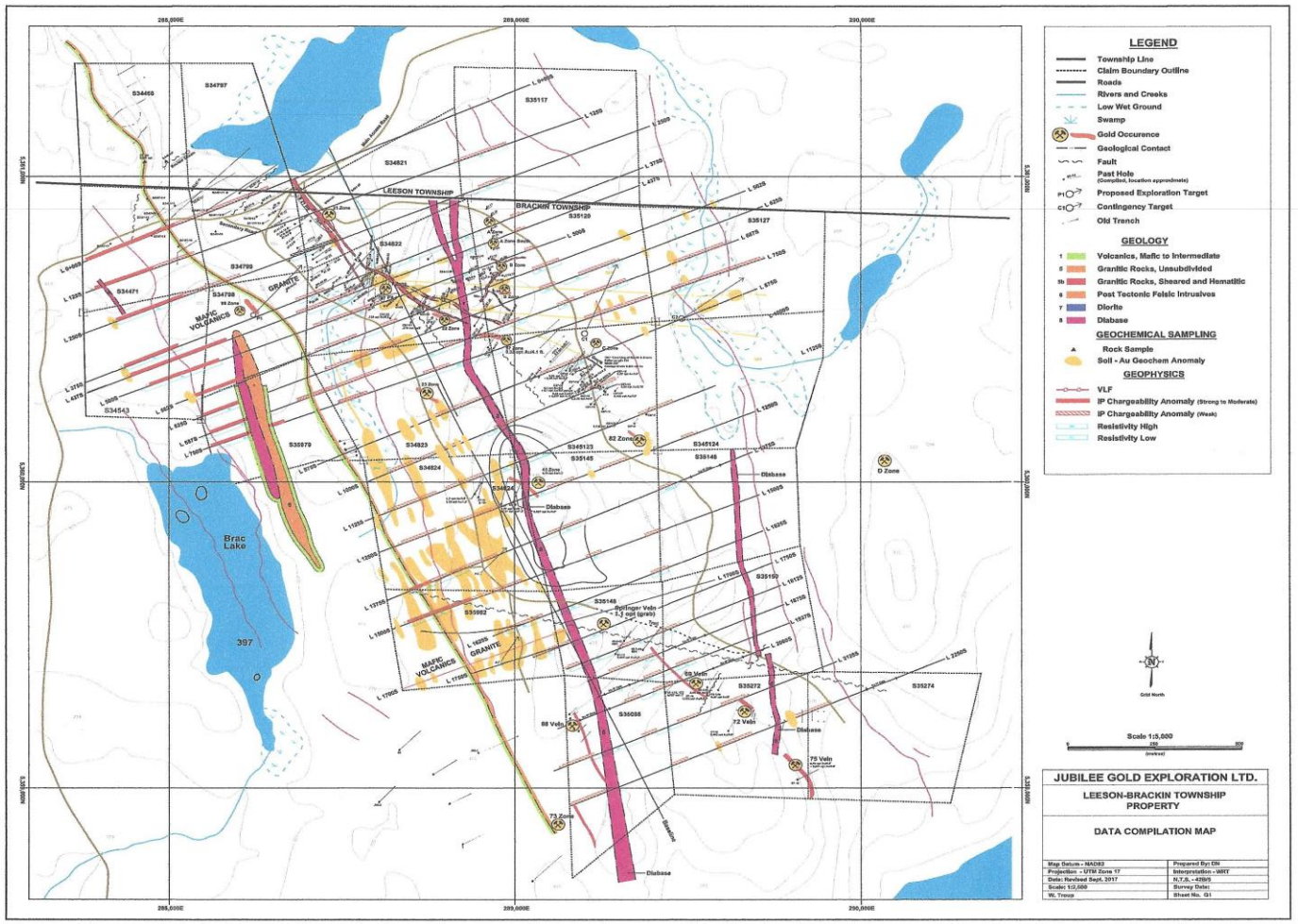
OUTCROP SAMPLING 2018

Sample	Location	Description
1575	167west/1775south, 5359417N/0288996E	-grey grante, massive to foliated strike 160°, dip near vertical, rust on fractures, chip sample-1 ft.
1576	Same as 1575	section of rusty cross fractures, ~120°, dip near vertical, grab sample
1577	1662south/175west 5359483N/0288970	-foliated grey/brown granite, trace py, trend 170°, dip vertical, grab
1578	1602south/187west 5359473N/0288951E	gray granite, weathers pale brown, trace py on fol'n, strike 170°, near vertical dip, grab
1579	1375 south/ 70 east	-rusty with trace py, 1 ft chip sample across x-fractures trending 250°, and steep dip to north, -host is gray granite trending 160°
1580	1375 south/200 east	Dark grey irregular quartz veining across south side of grey granite o/c ridge, trace py on vein margins

APPENDIX D

DATA COMPILATION MAP

See Maps Accompanying Report for Detail


LEGEND
Township Line
Claim Boundary Outline
Roads
Rivers and Creeks
Low Wet Ground
Swamp
Gold Occurence
Geological Contact
Fault
Past Hole (Compiled, location approximate)
Proposed Exploration Target
Contingency Target
Old Trench
GEOLOGY
1 Volcanics, Mafic to Intermediate
6 Granitic Rocks, Unsubdivided
6b Granitic Rocks, Sheared and Hematitic
6 Post Tectonic Felsic Intrusives
7 Diorite
8 Diabase
GEOCHEMICAL SAMPLING
Rock Sample
Soil - Au Geochem Anomaly
GEOPHYSICS
VLF
IP Chargeability Anomaly (Strong to Moderate)
IP Chargeability Anomaly (Weak)
Resistivity High
Resistivity Low
LEESON TOWNSHIP
BRACKIN TOWNSHIP
Brac Lake
397
MAFIC VOLCANICS
GRANITE
Diabase
Grid North
Scale 1:5,000
JUBILEE GOLD EXPLORATION LTD.
LEESON-BRACKIN TOWNSHIP PROPERTY
DATA COMPILATION MAP
Map Datum - NAD83
Projection - UTM Zone 17
Date: Revised Sept. 2017
Scale: 1:5,000
W. Troup
Prepared By: DN
Interpretation - WRT
N.T.S. - 42B/5
Survey Date:
Sheet No. G1

APPENDIX E

EXPLORATION EXPENDITURES

LEESON-BRACKIN - 2017 - 2018

CONTRACT EXPLORATION SERVICES

2017 (June to December)
Alcanex Ltd., Geological Services…….....$11,629.12
-Preparation for line cutting + Preliminary soil sampling.$7,816.78
- Data Compilation & Map Preparation.....$3,812.34

DAN PATRIE EXPLORATION SERVICES-2017……..……..$9,955.30
-Line Cutting and Soil Sampling
SGS Laboratories 2017…….……...$7,165.68
-MMI sample analysis.$1,796.14+$503.64+ $4,865.90

2018 (June to November)
Alcanex Ltd., Geological Services …….$14,145.32
-Prospecting and Soil Sampling, June……....$6,660.76
-Review and compilation of Lab data, July……....$3,955.00
-Final Map and report preparation -2017-2018 sampling…..$3,529.56
(Map digitizing and scanning-$704.56 +Report- $2,825.00)
SGS Laboratories…….....$1,681.05
(MMI samples -$1,429.51, rock samples-$251.54)

TOTAL **$**44,576.47

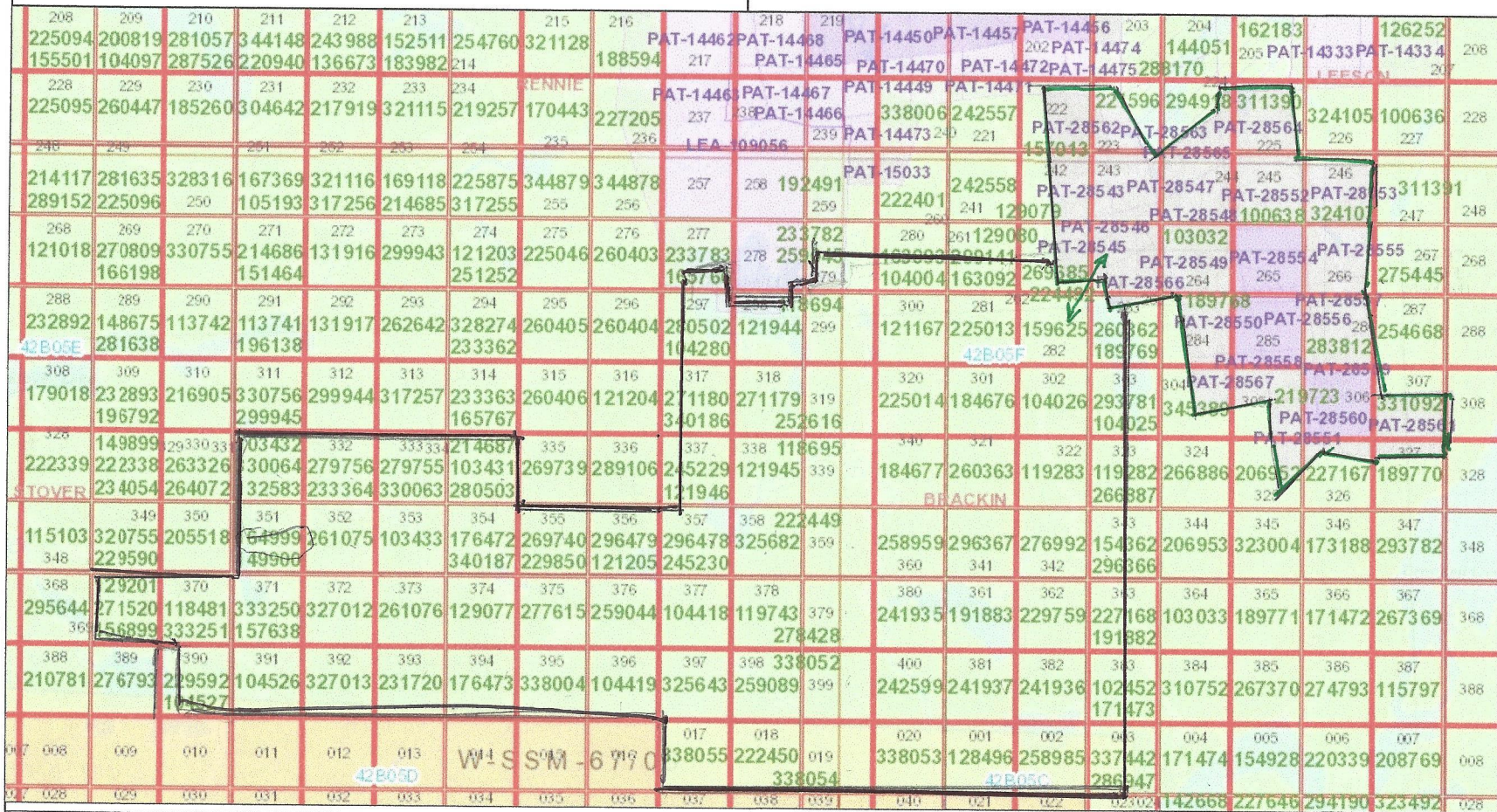
W. Troup Geological Consultant.

November, 2018

Ontario **MINISTRY OF NORTHERN DEVELOPMENT AND MINES**
MLAS Map Viewer

MLAS Map

Notes:



Legend test

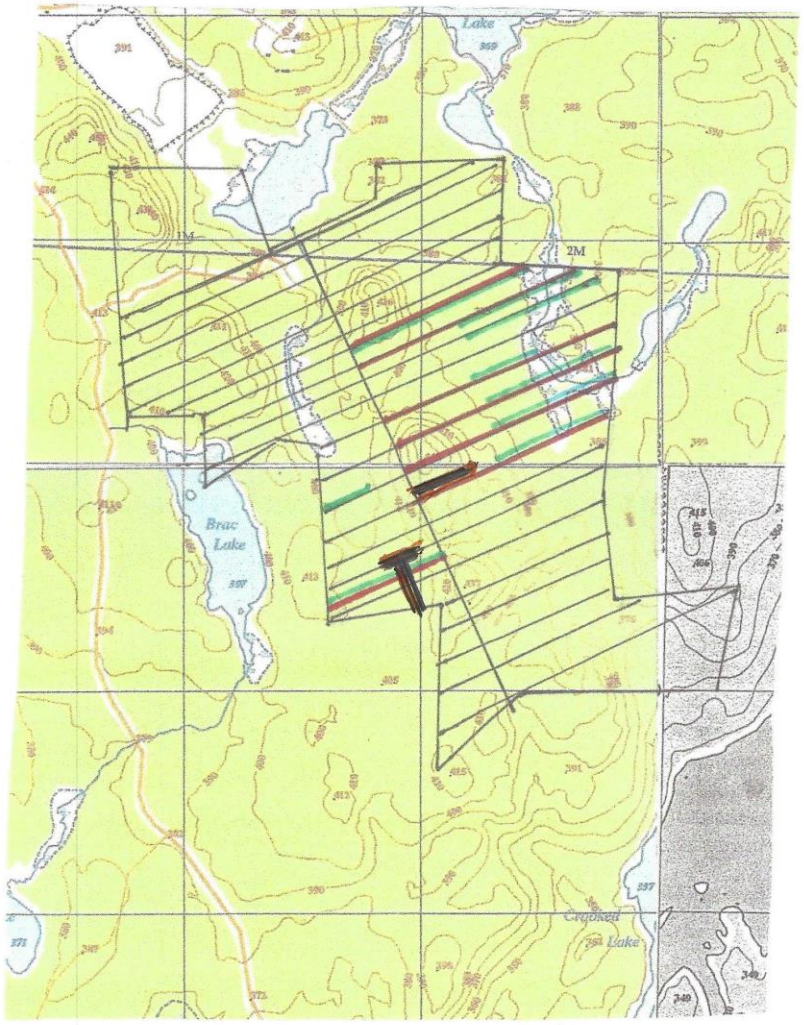
- Provincial Grid Cell
  - Available
  - Pending
  - Unavailable
- Mining Claim
- Mining Lease
  - Surface Rights Only
  - Mining Rights Only
  - Surface and Mining Rights
- Mining Licence of Occupation
  - Surface Rights Only
  - Mining Rights Only
  - Surface and Mining Rights
- Mining Patent
  - Surface Rights Only
  - Mining Rights Only
  - Surface and Mining Rights
- Mining Division
- MNDM Townships and Areas
- Provincial Grid Group
- Non-Mining Land Tenure
  - Patent, Surface Rights Only
  - Patent, Mining Rights Only
  - Patent, Surface and Mining Rigl
  - Lease, Surface Rights Only
  - Lease, Mining Rights Only
  - Lease, Surface and Mining Rigl
  - Water Power Lease Agreement
  - Licence of Occupation, Surface Rights Only

0 1.69 km

Projection: Web Mercator

N

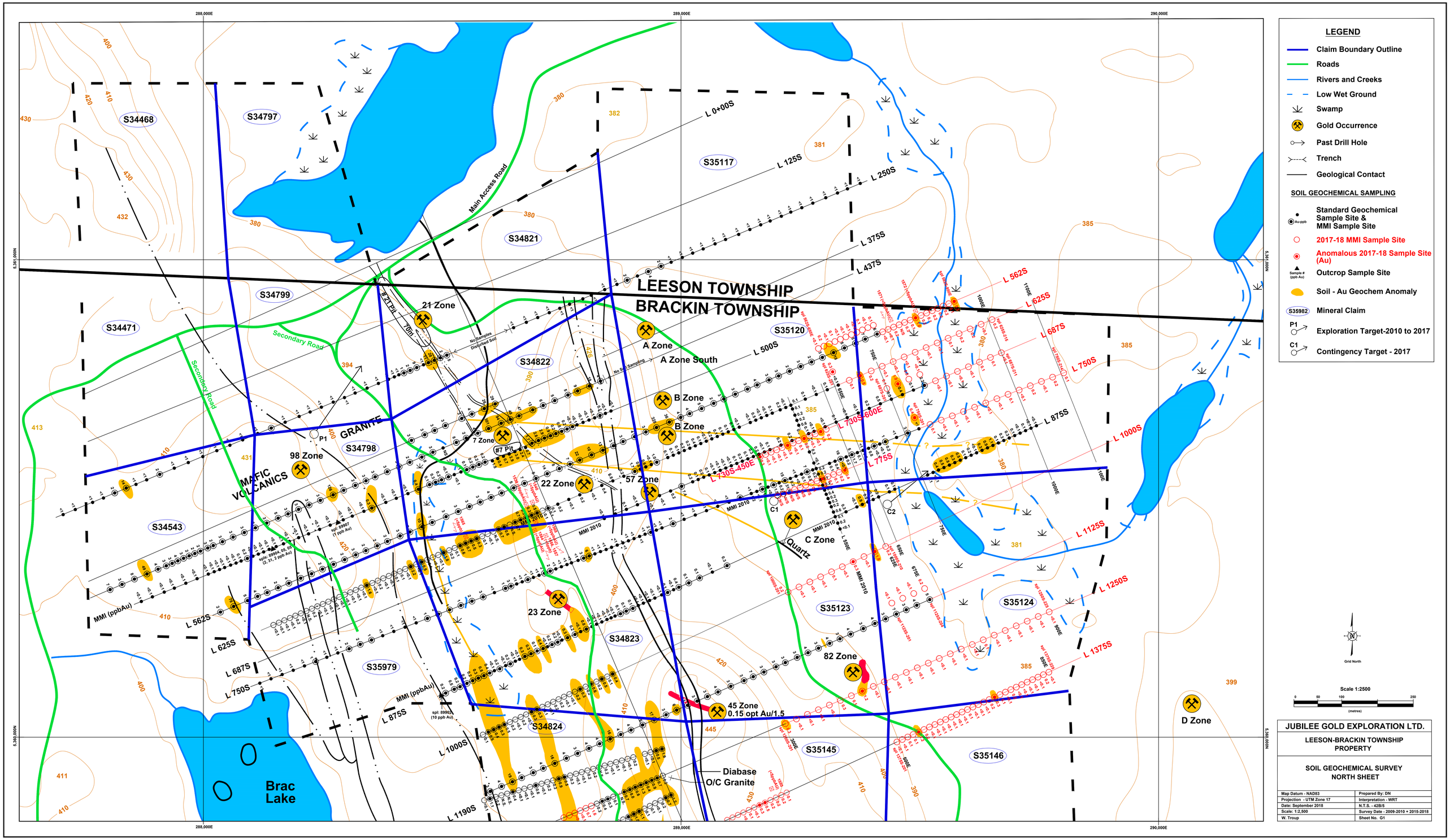
Jubilee Gold Exploration - Leeson - Brackin claims



GRID RENEWAL - 2017

SOIL SAMPLING - 2017

SOIL SAMPLING - 2018



LEGEND

- Claim Boundary Outline
- Roads
- Rivers and Creeks
- Low Wet Ground
- Swamp
- Gold Occurrence
- Past Drill Hole
- Trench
- Geological Contact

SOIL GEOCHEMICAL SAMPLING

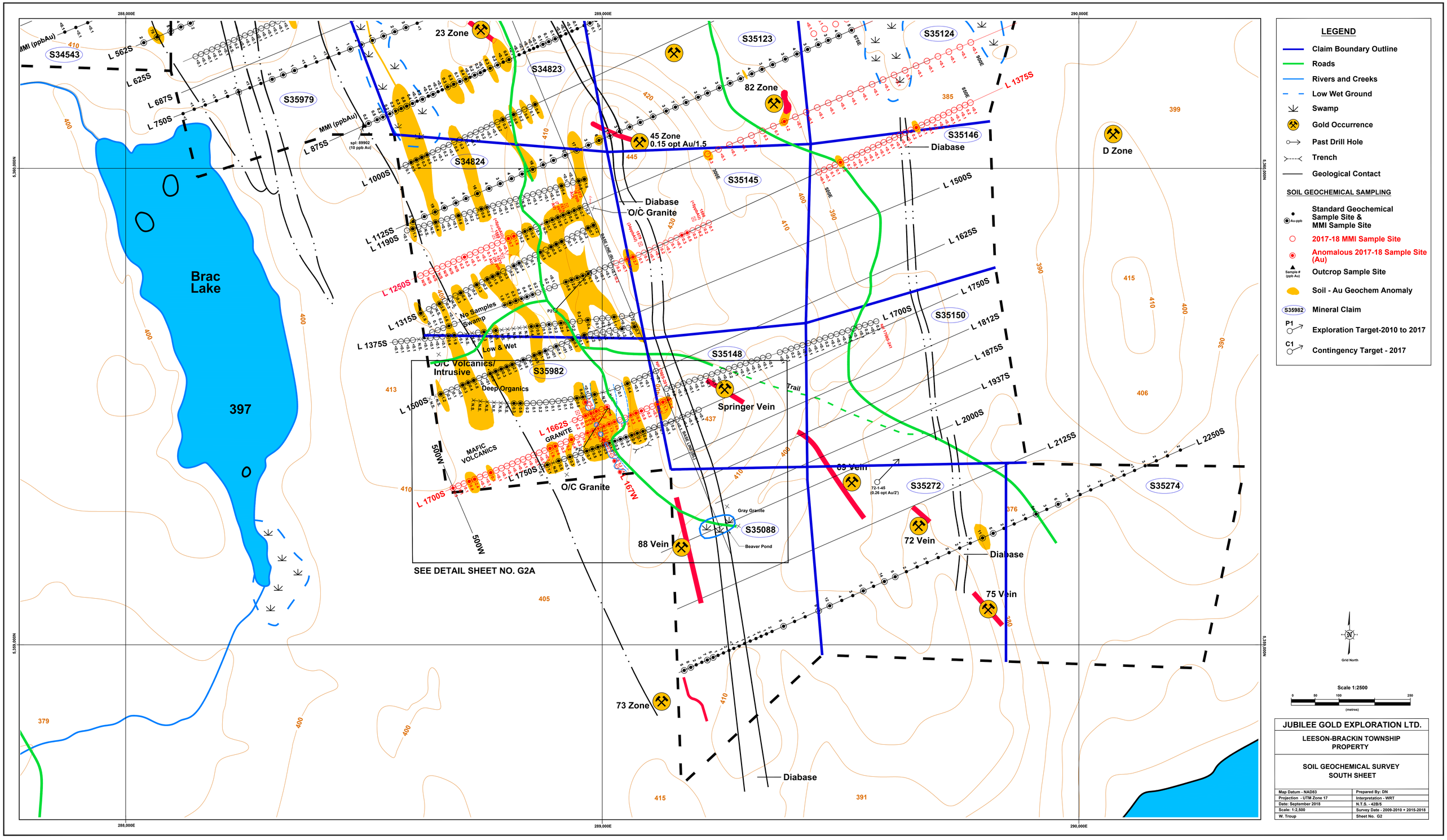
- Standard Geochemical Sample Site & MMI Sample Site
- 2017-18 MMI Sample Site
- Anomalous 2017-18 Sample Site (Au)
- Outcrop Sample Site
- Soil - Au Geochem Anomaly
- S35982 Mineral Claim
- P1 Exploration Target-2010 to 2017
- C1 Contingency Target - 2017

JUBILEE GOLD EXPLORATION LTD.

LEESON-BRACKIN TOWNSHIP PROPERTY

SOIL GEOCHEMICAL SURVEY NORTH SHEET

Map Datum - NAD83	Prepared By: DN
Projection - UTM Zone 17	Interpretation - WRT
Date: September 2018	N.T.S. - 42B/5
Scale: 1:2,500	Survey Date - 2009-2010 + 2015-2018
W. Troup	Sheet No. G1



LEGEND

- Claim Boundary Outline
- Roads
- Rivers and Creeks
- Low Wet Ground
- Swamp
- Gold Occurrence
- Past Drill Hole
- Trench
- Geological Contact

SOIL GEOCHEMICAL SAMPLING

- Standard Geochemical Sample Site & MMI Sample Site
- 2017-18 MMI Sample Site
- Anomalous 2017-18 Sample Site (Au)
- Outcrop Sample Site
- Soil - Au Geochem Anomaly
- S35982 Mineral Claim
- P1 Exploration Target-2010 to 2017
- C1 Contingency Target - 2017

JUBILEE GOLD EXPLORATION LTD.

LEESON-BRACKIN TOWNSHIP PROPERTY

SOIL GEOCHEMICAL SURVEY SOUTH SHEET

Map Datum - NAD83	Prepared By: DN
Projection - UTM Zone 17	Interpretation - WRT
Date: September 2018	N.T.S. - 42B/5
Scale: 1:2,500	Survey Date - 2009-2010 + 2015-2018
W. Troup	Sheet No. G2

289,000E

O/C Volcanics/
Intrusive

Deep Organics

S35982

L 1662S

GRANITE

MAFIC
VOLCANICS

500N

L 1750S

L 1700S

500W

O/C Granite

P3

(BL)

400

437

BASE LINE (BL)

L 167W

Gray Granite

Beaver
Pond

88 Vein

289,000E

LEGEND

- Claim Boundary Outline
- Roads
- Rivers and Creeks
- Low Wet Ground
- Swamp
- Gold Occurrence
- Past Drill Hole
- Trench
- Geological Contact

SOIL GEOCHEMICAL SAMPLING

- Standard Geochemical Sample Site & MMI Sample Site
- 2017-18 MMI Sample Site
- Anomalous 2017-18 Sample Site (Au)
- Outcrop Sample Site
- Soil - Au Geochem Anomaly
- S35982 Mineral Claim
- P1 Exploration Target-2010 to 2017
- C1 Contingency Target - 2017

Grid North

Scale 1:1250

0 25 50 125

(metres)

JUBILEE GOLD EXPLORATION LTD.

LEESON-BRACKIN TOWNSHIP PROPERTY

SOIL GEOCHEMICAL SURVEY DETAIL

Map Datum - NAD83	Prepared By: DN
Projection - UTM Zone 17	Interpretation - WRT
Date: September 2018	N.T.S. - 42B/5
Scale: 1:1,250	Survey Date - 2009-2010 + 2015-2018
W. Troup	Sheet No. G2

288,000E 289,000E 290,000E

5,361,000N 5,360,000N 5,359,000N

LEESON TOWNSHIP BRACKIN TOWNSHIP

S34468 S34797 S35117 S34821 S35120 S35127 S34822 S34799 S34471 S34798 S34543 S35979 S34823 S345123 S35145 S345124 S35146 S34824 S35982 S35148 S35150 S35272 S35274 S35088

Main Access Road Secondary Road Trail Boundary Datum

GRANITE MAFIC VOLCANICS

L 0+00S L 125S L 250S L 375S L 437S L 500S L 562S L 625S L 687S L 750S L 875S L 1000S L 1125S L 1250S L 1375S L 1500S L 1625S L 1700S L 1750S L 1875S L 1937S L 2000S L 2125S L 2250S

21 Zone A Zone A Zone South B Zone B Zone 87 Pit 98 Zone 22 Zone 37 Zone 0.32 opt Au/4.1 ft. C Zone 23 Zone 82 Zone 45 Zone 0.15 opt Au/1.3' D Zone 69 Vein 72 Vein 88 Vein 75 Vein 73 Zone

Quarry

1941 Trenching of Quartz & Shear: Strike Length 154' Width 3'8" Average Grade 0.305 opt Au

Diabase Baseline

Brac Lake

397

P1 P2 P3 C1

Grid North

Scale 1:5,000

0 250 500 (metres)

LEGEND

- Township Line
- Claim Boundary Outline
- Roads
- Rivers and Creeks
- Low Wet Ground
- Swamp
- Gold Occurence
- Geological Contact
- Fault
- Past Hole (Compiled, location approximate)
- Proposed Exploration Target
- Contingency Target
- Old Trench

GEOLOGY

- 1 Volcanics, Mafic to Intermediate
- 5 Granitic Rocks, Unsubdivided
- 5b Granitic Rocks, Sheared and Hematitic
- 6 Post Tectonic Felsic Intrusives
- 7 Diorite
- 8 Diabase

GEOCHEMICAL SAMPLING

- Rock Sample
- Soil - Au Geochem Anomaly

GEOPHYSICS

- VLF
- IP Chargeability Anomaly (Strong to Moderate)
- IP Chargeability Anomaly (Weak)
- Resistivity High
- Resistivity Low

JUBILEE GOLD EXPLORATION LTD.

LEESON-BRACKIN TOWNSHIP PROPERTY

DATA COMPILATION MAP

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