

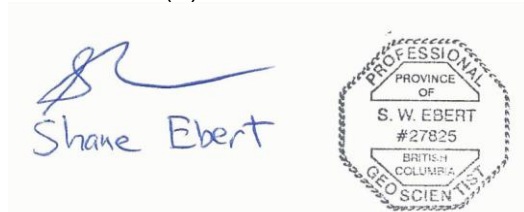


## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT: 2017 Prospecting and Soil Sampling West of the Gibson Ag-Au Property, Central British Columbia**

**TOTAL COST: \$13,700.00**

AUTHOR(S): Dr. Shane Ebert P.Geol.  
SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Permit MX-13-287, Approval 17-1641475-0728, July 28, 2017 to December 31, 2019.

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S) :

YEAR OF WORK: 2017

PROPERTY NAME: Gibson

CLAIM NAME(S) (on which work was done): 1050267

COMMODITIES SOUGHT: Ag, Au, Zn, Pb, Cu

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: 093N 185

MINING DIVISION: Omineca Mining Division

NTS / BCGS: NTS 093N/02

LATITUDE: 55 ° 10 ' 29.1 "

LONGITUDE: 124 ° 55 ' 9.624 " (at centre of work)

UTM Zone:10-U, NAD83      EASTING: UTM377700m E      NORTHING: 6115940m N

OWNER(S): Altius Resources Inc.

MAILING ADDRESS: Suite 202, Kenmount Business Center, 66 Kenmount Road, St. John's, NL, A1B 3V7

OPERATOR(S) [who paid for the work]: CANEX Metals Inc.

MAILING ADDRESS: Suite 800, 808 – 4<sup>th</sup> Avenue, S.W., Calgary, Alberta, T2P 3E8

REPORT KEYWORDS: Gibson, trenching, chip sampling, assay sampling, soil sampling

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:**

Beauchamp, D.A., Fan, S.X., and Johnson, B.G., 1996. Final report on the Eagle Project, British Columbia. Aris report #24871A and B.

Fox, P.E., 2009. Geochemical Report on the Eagle Property. Aris report.  
Goudie, M.A. and Hallof, P.G., 1970. Report on the Induced Polarization and Resistivity Survey on the Nation Copper Property. Aris report # 3338.

Jemmett, A. and Veerman, H., 1966. Induced polarization survey on the Night Hawk Group claims, Aris report 851.

Mouritsen, S.A., and Mouritsen G.A., 1967. Geophysical report on the Induced Polarization survey for West Coast Mining and Exploration on the Nation Copper and Alexander Lake properties. Aris report # 1056

Roney, C. and Maxwell G., 1989. Geochemistry report on the Eagle Property. Aris report # 19239.

Scrivens, Sean, 2010. Report on a Helicopter-borne magnetic gradiometer, VLFEM and Radiometric survey, Canadian Mining Geophysics report, July 2010.  
Stewart, F. 1989. Geological, geochemical & geophysical report on the Eagle Property. Aris report 20245.

Stewart, F. and Walker, T. 1991. 1991 Diamond drilling report on the Eagle Property. Aris report # 21762.

Stewart, F. 1990. Geological, geochemical & geophysical report on the Eagle Property. Aris report 20406.

Veerman, H., 1968. Geophysical – Geochemical report on the Vector Group claims. Aris report 1599.

Worth, A. and Bidwell, G., 2008. Nighthawk property. Aris report #29671.

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOFYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne		1050267	1000.00
GEOCHEMICAL (number of samples analysed for ...)			
Soil	5 samples		
Silt			
Rock	1 sample	1050267	700.00
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralogaphic			
Metallurgic			
PROSPECTING (scale/area)		1050267	12000.00
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
			<b>TOTAL COST</b>
			13,700.00

## ASSESSMENT REPORT

# 2017 Prospecting and Soil Sampling West of the Gibson Ag-Au Property, Central British Columbia

**Omineca Mining Division**

**(NTS 093N/02)**

Canada

**(UTM Zone 10-U 377700 E, 6115940 N)  
NAD 83**

**Tenure number: 1050267**

**CANEX Metals Inc.**

Suite 800, 808 – 4<sup>th</sup> Ave. S.W.

Calgary, AB T2P 3E8

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**20<sup>th</sup> November 2017,**  
revised 24<sup>th</sup> September  
2018

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## **1.0 Summary**

The Gibson property is comprised of 2 non-contiguous mineral claims with a total area of 886.97ha, situated in the Omineca Mining Division, in the Chuchi Lake Map area (NTS 93N/02) of central British Columbia (UTM Zone 10-U, UTM 379265 E, 6115515 N, NAD 83). This report describes prospecting and limited soil sampling work conducted on the northwest portion of claim 1050267. The work identified glacial till deposits cover the claim area. The property lies 2km west of the Gibson Ag-Au-Zn-Pb showing and is accessible via all-weather logging roads from Ft St James.

The area is underlain by volcanic and sedimentary rocks of the Takla Group, located adjacent to the Triassic to Lower Jurassic Hogem Batholith. The nearby Gibson prospect was discovered in 1990 by Noranda Exploration following soil surveys, geophysical surveys, and hand trenching. Hand trenching by Noranda of soil and IP anomalies returned 12.86 g/t gold and 144.7 g/t silver over 1.5m and 5.35 g/t gold and 2136 g/t silver over 1.7m. Noranda drilled 9 holes at Gibson in 1991 with 8 of the 9 holes intersecting significant gold-silver mineralization and confirmed a significant zone of quartz-carbonate-sulfide veining containing silver, gold, zinc, and lead. Noranda's 1991 drilling results include 9.18m grading 4.34 g/t Au and 224.3 g/t Ag in hole 91-01 and 4.3m grading 6.77 g/t Au, 1828 g/t Ag, 2.69% Zn and 3.34% Pb in hole 91-5. Drilling indicates the mineralized zone is about 4.5m wide and at least 400m long, whereas drilling, soils, and geophysical data suggest the zone could be at least 1400m long.

In 2017 CANEX Metals Inc. entered into a purchase agreement for the Gibson Property with Altius Resources Inc. including claim 1050267 located adjacent to the known mineralized zone. In May and August 2017 CANEX conducted prospecting and limited soil sampling on claim 1050267 to better understand how future exploration on the claim should be designed. Five soil samples were collected and analyzed by portable x-ray fluorescence and logging roads, cut blocks, and creeks were prospected looking for evidence of outcrop or mineralization. No outcrop has been located on the claim to date.

## **2.0 Introduction and Terms of Reference**

Project supervision of the 2017 exploration program was conducted by Dr. Shane Ebert P.Geo. for CANEX Metals Inc. One field helper from the Nak'azdli First Nation and one from Hendex Exploration Services Ltd. assisted with the program. Food and lodging was provided by Rogers Paradise Lodge, located on the south shore of Tachentlo Lake, about 20 minutes by road from the claim.

All costs contained in this report are denominated in Canadian dollars. Distances are reported in meters (m) and kilometers (km). GPS refers to global positioning system and all coordinates are NAD 83 Zone 10. Minfile showing refers to documented mineral occurrences on file with the British Columbia Geological Survey. The term ppm refers to parts per million, equivalent to grams per metric tonne (g/t), and ppb refers to parts per billion. The symbol % refers to weight percent unless otherwise stated where 1% is equivalent to 10,000ppm. Elemental and mineral abbreviations used in this report include: arsenic (As), gold (Au), lead (Pb), molybdenum (Mo), silver (Ag), tungsten (W),

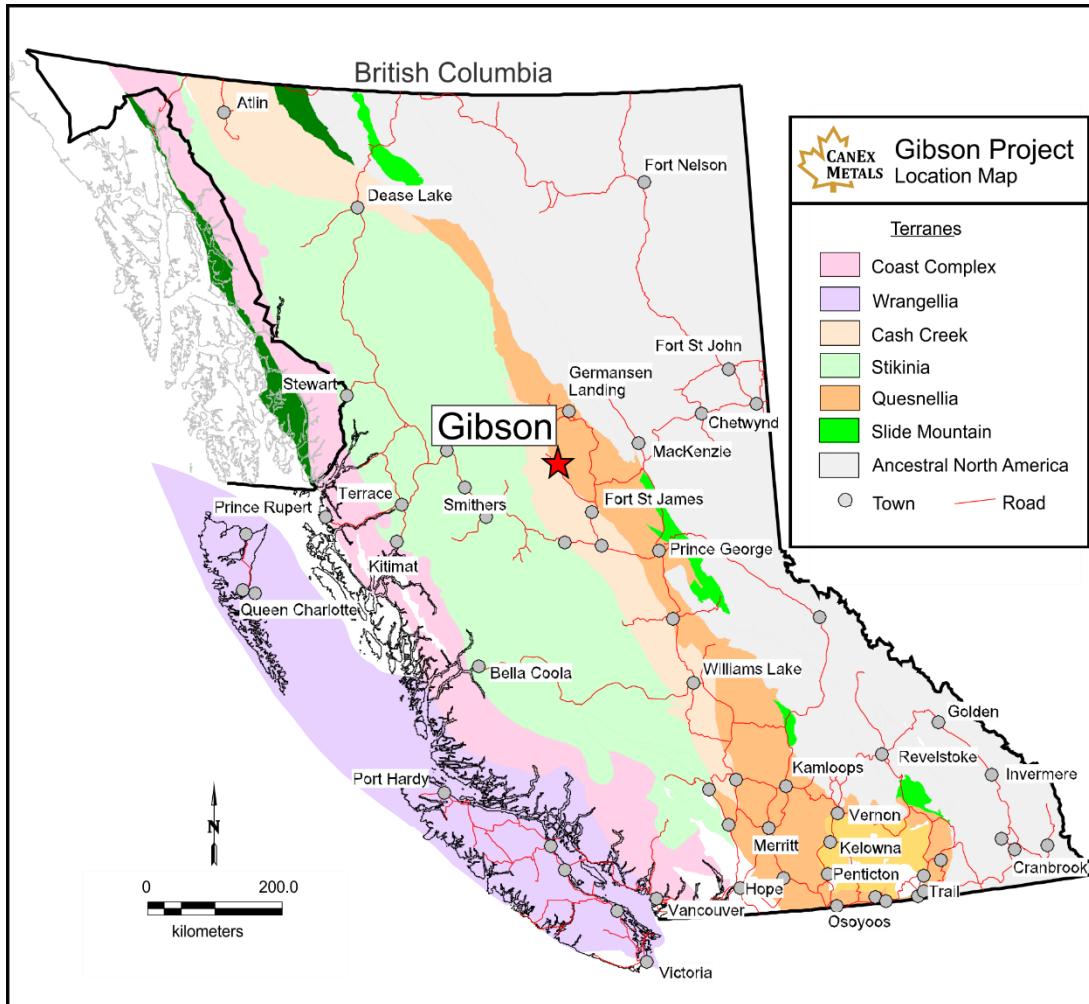
zinc (Zn); chalcopyrite (Cpy), galena (PbS), and pyrrhotite (Po), pyrite (Py).

Sources of information for this report have been obtained from publically available databases including BC Government assessment reports obtained from <http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx>, the Minfile database at <http://www.empr.gov.bc.ca/Mining/Geoscience/MINFILE/Pages/default.aspx>, mineral titles online at <https://www.mtonline.gov.bc.ca/mtov/home.do> and the MapPlace at <http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/MainMaps/Pages/default.asp>. Information from published scientific papers on the geology of relevant mineral deposits has also been used. Significant portions of sections 1 to 8 of this report have been taken from previous reports cited in the Reference list.

### **3.0 Property Description, Location, and Access**

#### **3.1 Location and Access**

Claim 1050267 is part of the Gibson property which is comprised of 2 non-contiguous mineral claims with a total area of 886.97ha, situated in the Omineca Mining Division, in the Chuchi Lake Map area (NTS 93N/02) of central British Columbia (UTM Zone 10-U, UTM 379265 E, 6115515 N, NAD 83). The property lies approximately 3km south of the east end of Tchentlo Lake and is accessible via an all-weather logging roads from Ft. St James.



**Figure 1.** Location of the Gibson Property

Driving instructions to the property are as follows: from Ft. St James travel north to Tachie Road and head west. Take the Leo Creek FSR, at 68.5 km take the Driftwood FSR. At 2.5km on the Driftwood FSR turn take the Driftwood-Airline FSR. At 18km along the Driftwood-Airline FSR turn right to connect to the start of the project access trail.

### 3.2 Physiography and Vegetation

The Gibson property ranges between 1000 and 1450 meters in height above sea level and topographically comprises low, hummocky, rolling hills with steeper slopes on the east side. The vegetation includes jack pine, balsam and spruce forest, although extensive areas have been clear-cut and re-planted with pine and spruce. The annual precipitation is approximately 60 centimeters; in winter the temperatures can fall below -20 degrees Celsius and up to 1 meter of snow can accumulate. Summers are generally cool and wet, although in July, August and September there can be dry periods with temperatures exceeding 20 degrees Celsius.



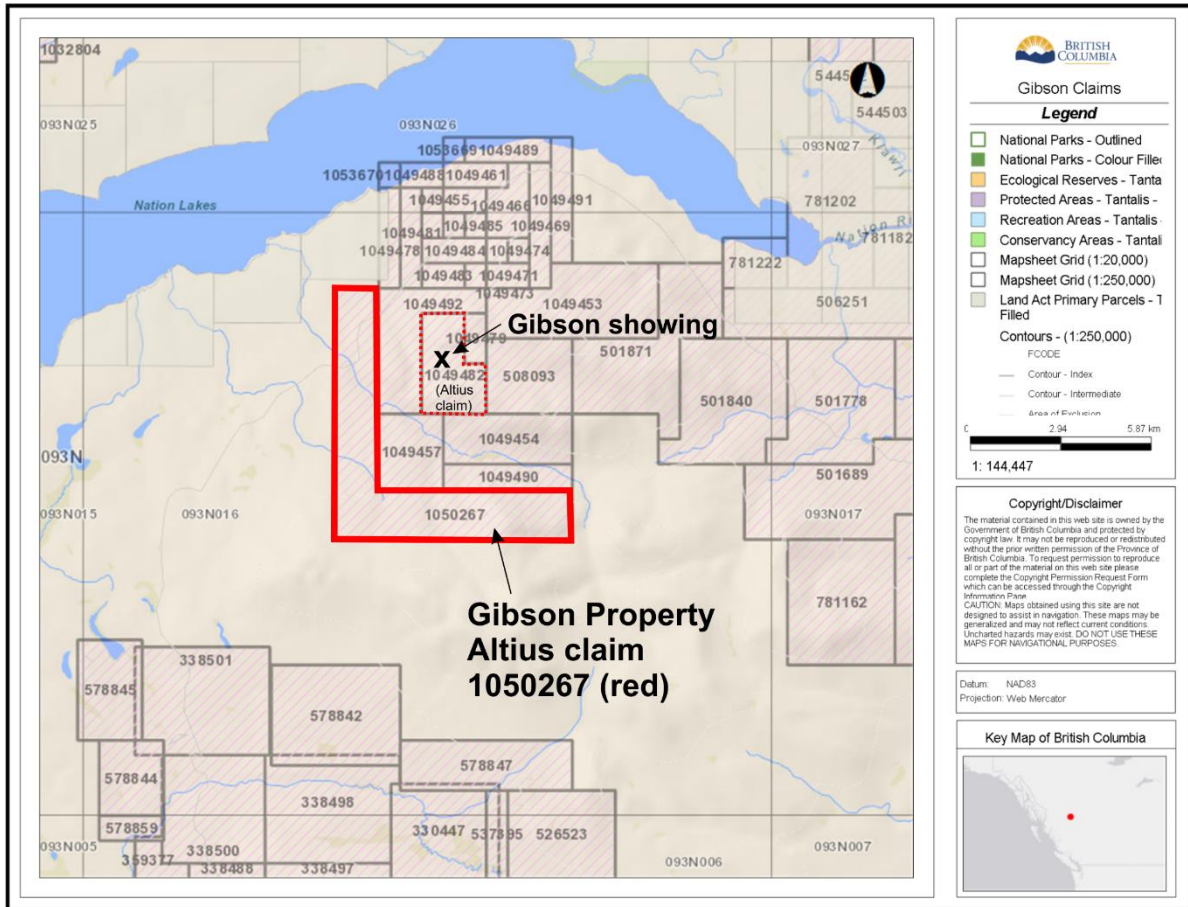
### 3.3 Land Tenure

The Gibson property is comprised of 2 non-contiguous mineral claims with a total area of 886.97ha. This report covers claim 1050267. Upon acceptance of this report, the claim will have its Good To Date extended.

**Table 1. Claim Data**

<b>Tenure Number</b>	<b>Registered Owner</b>	<b>Issue Date</b>	<b>Good To Date</b>	<b>Area (ha)</b>
1049482	Altius Resources Inc.	Jan 25, 2017	Jan 25, 2018	184.73
1050267	Altius Resources Inc.	Feb 24, 2017	Feb 24, 2018	702.24

Altius acquired claim 1050267 by staking. In May 2017 CANEX Metals Inc. entered into a purchase agreement with Altius whereby CANEX Metals can earn a 100% interest in the Gibson property (claims 1049482 and 1050267) by issuing common shares, spending \$500,000 on exploration within 18 months, and taking over the obligations of the underlying agreement. CANEX issued 1,125,000 shares to Altius on signing, a further 1,180,000 is due after completion of the surface trenching program but prior to drill testing, and a final 1,240,000 shares after the \$500,000 required work expenditures are complete to earn 100% of the Property.



**Figure 2.** Claim 1050267 location map, Gibson Property.

#### 4.0 History

Exploration in the district started in 1966 when West Coast Mining and Exploration Company completed an I.P. survey over the Nighthawk (Eagle) copper showings to the west of Gibson. Subsequently Noranda optioned the Nighthawk prospect and conducted an exploration program in 1989, including 57 km of line cutting, 35 km of magnetometer and 13 km of induced polarization (IP) surveying, and collection of 1362 soil samples. In 1990 Noranda continued exploration with detailed geological, geochemical, and IP surveys. The 1990 geochemical survey outlined the Gibson zone to the west of the Hogem Batholith. A small hand trench here led to the discovery of the Gibson zone zinc-lead gold-silver mineralization. The showing was then followed up by geochemical, geological and I.P. surveys. In 1991, Noranda conducted diamond drilling to test several coincident magnetic, induced polarization and geochemical anomalies. The program consisted of 1483.3m of diamond drilling in 17 holes, of which 9 holes (657.3m) were drilled to test the Gibson zone. All the drill holes at the Gibson zone intersected significant sections of intense clay-sericite-quartz alteration and mineralized volcanic rocks consisting of pyrite, galena and sphalerite.

Birch Mountain Resources Ltd. optioned the property in 1996 and completed geological mapping, soil geochemical sampling and Max-Min and magnetometer surveys over most of the claim area. This grid was extended to the Gibson zone where 8.2 km of lines were cut. A ground magnetometer survey and a horizontal loop (Max-Min) survey were conducted along these grids in 1996. Geoinformatics Exploration optioned the property in 2007 and compiled much of the prior data from Aris reports for the Nighthawk and other copper occurrences on the property. No work was done on the Gibson zone. Eagle Peak Resources acquired the property in 2008 and completed a data compilation program.

In 2010 Rich Rock Resource commissioned an airborne magnetic gradiometer, VLF/EM and radiometric survey comprising 100 km of surveying, which covered the Nighthawk, Eagle, and Gibson zones. The survey was conducted by Canadian Mining Geophysics Ltd.

## **5.0 Geological Setting**

### **5.1 Regional Geology**

The Gibson property is located within a northwesterly trending belt of largely volcanic strata comprising Upper Triassic to Lower Jurassic Takla Group volcanic and sedimentary rocks that have been intruded by a series of felsic to ultramafic stocks and batholiths of alkalic affinity (Figure 3). These intrusions, which are associated with a number of copper-gold deposits, generally lie in a northwest belt from Inzana Lake in the south to Chuchi Lake (and beyond). The Takla Group rocks form part of a large Upper Triassic volcanic arc (the Quesnellia Terrane) lying offshore of the North American continental plate. Rocks at the Gibson property include greywacke, shale, and argillite of the Inzana Lake Formation cut by the regionally extensive Hogem batholith. A regional geological map is given in Figure 3. Numerous copper-gold prospects occur throughout the district including the Mt Milligan Cu-Au Mine located 20 km southeast of the Gibson property.

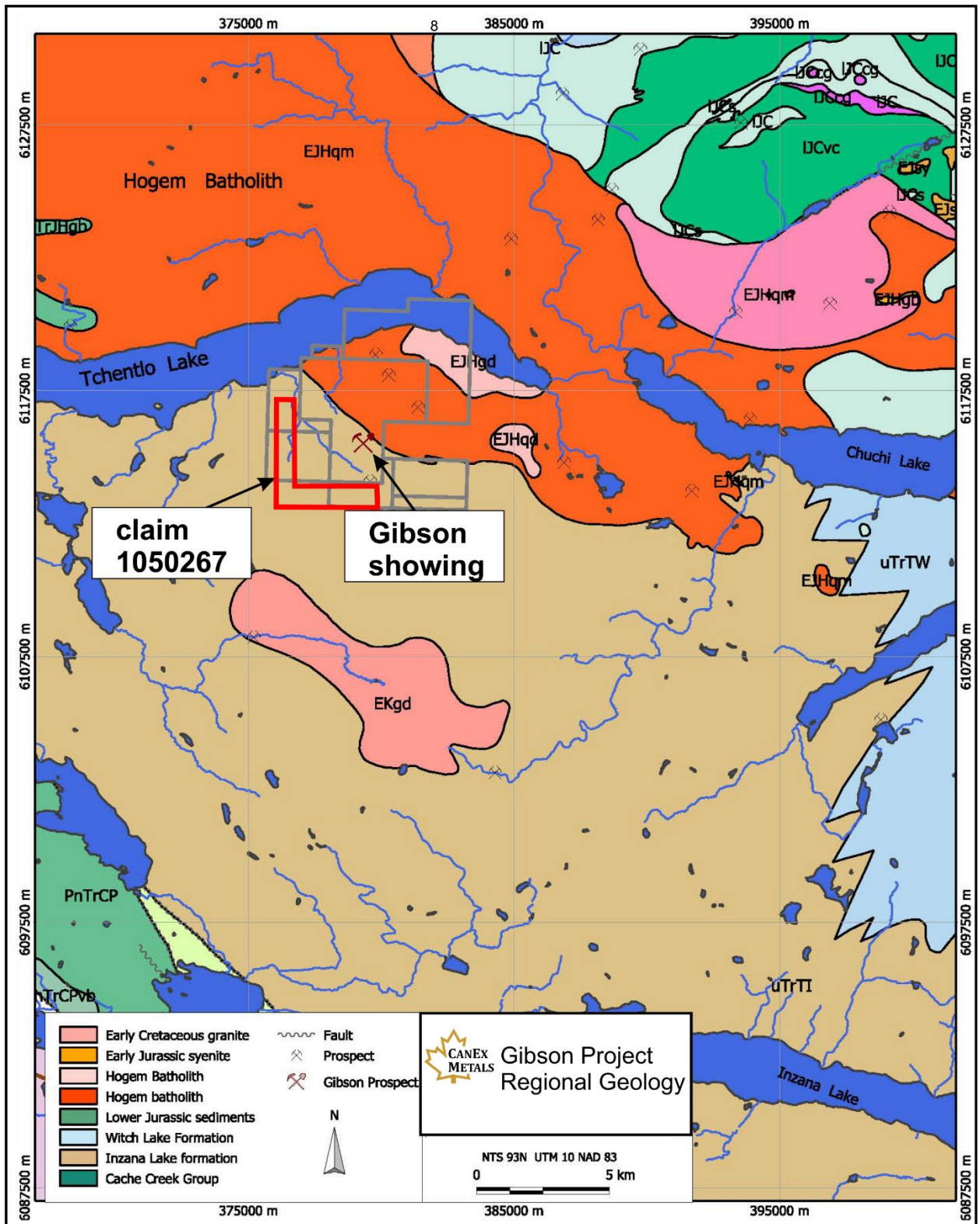


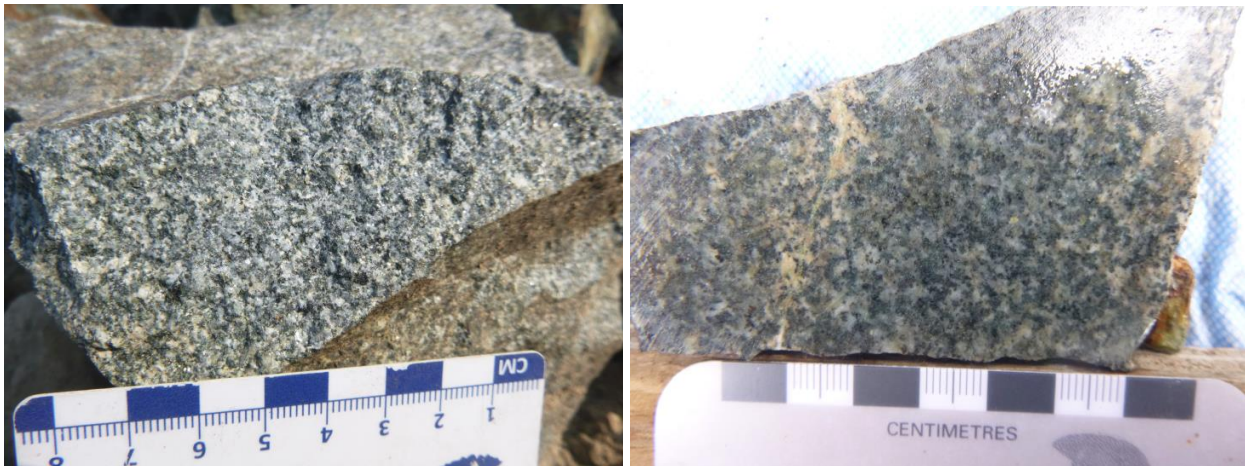
Figure 3. Regional Geology Map

5.2 Property Geology

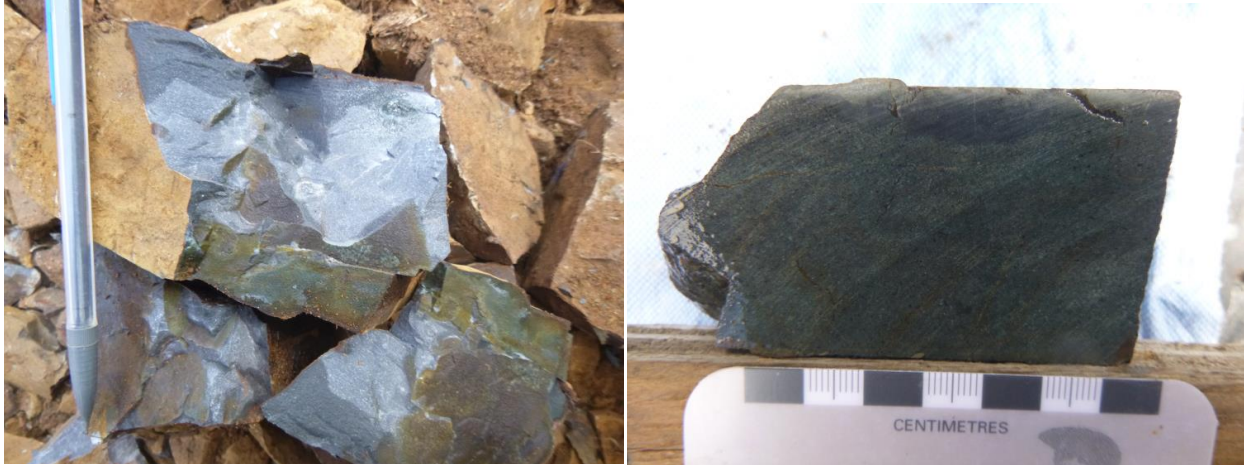


No outcrop has been identified to date on claim 1050267, and the geology is inferred based on the exposures to the east around the Gibson prospect. The Gibson property is underlain predominantly by hornfelsed siltstone and volcanic rocks of the Takla Group (Inzana Lake Formation). The Hogem Batholith is exposed in the northeast part of the Gibson property and consists of a medium-grey, equigranular, medium-grained diorite consisting of 80% plagioclase, 10% hornblende, 5% augite, magnetite and 5% biotite, with minor quartz. Thin potassium feldspar veinlets occur along the edge the batholith at the north end of the Gibson claim. A less common phase is a light- to medium-grey, coarse- to medium grained monzonite, consisting of 60% plagioclase, 20% K-feldspar, 10% hornblende, 5-10% augite, magnetite and 5% biotite, with minor chlorite, apatite, tourmaline and epidote.

The majority of exposures at Gibson contain a very fine grained strongly hornfelsed sedimentary rock with no obvious textures or crystals. Locally these hornfels contains biotite and trace to 5% disseminated and veinlet pyrite and pyrrhotite.



**Figure 4. Photoplate Hogem Batholith. Left and right:** Medium grained equigranular diorite to granodiorite from the edge of the Hogem batholith. Feldspar-biotite-hornblend with minor quartz. Note minor K-feldspar veinlet on left photo.



**Figure 5. Photoplate hornfelsed sedimentary rocks. Left and right:** Fine grained hornfelsed siltstone, locally 1 to 3% py +/- po, locally with biotite. Fine grained volcanic rocks occur locally at Gibson and contain feldspar crystals and lithic fragments. These are interpreted to be intermediate composition tuffs that are likely interbedded in the sedimentary package, however, relationships between the rocks are unclear and bedding has not been observed.



**Figure 6. Photo of hornfelsed volcanic rock.** Hornfelsed volcanic with lithic fragments and amphibole +/- feldspar crystals.

## **6.0 Deposit Models**

Exploration at Gibson is at an early stage. The 1991 drill holes by Noranda have not been examined by CANEX personnel and surface exposures at Gibson are highly oxidized with textures and mineralization details largely obscured. The deposit model for Gibson may be revised with additional work on the project.

CANEX is currently using a mesothermal polymetallic precious metal vein/breccia model for its exploration program at Gibson. The model incorporates mesothermal quartz Fe-carbonate and sulfide bearing veins typically found marginal to intrusions, and can be transitional to silver/base metal rich epithermal deposits in the same setting. These veins can be gold rich such as at Snip and Red Mountain BC, or silver rich such as at the Silvana and Lucky Jim deposits BC, or the Coeur d'Alene district in Idaho. Numerous terms have been used to describe variations and differing gold-silver or base metal tenors in veins with similar overall characteristics.

Host rocks can vary but typically these veins occur in sedimentary or volcanic rocks surrounding an intrusive body, with most veins found within about 1000 metres of the intrusive contact. The veins can be sulfide rich, containing pyrite, sphalerite, galena, and chalcopyrite in a carbonate and quartz gangue. Structure controls can be complex with the veins forming along fault zones and fractures in multiple orientations, along bedding contacts, and in breccia zones.

Copper-gold porphyry style mineralization is present at the Nighthawk, Vector, and Mid Zones located 2.5 to 3 km northeast of Gibson.

## **7.0 Mineralization**

The Gibson zone is largely known from drilling work conducted by Noranda in 1991. Nine holes were drilled on the Gibson zone to test the size and continuity of the Gibson showing. All of the holes drilled intersected significant clay-sericite quartz altered and pyrite-galena-sphalerite mineralized volcanic rocks in an extensive northwest-trending composite zone some 400 metres long and 4.5 metres wide.

Drill summaries from Stewart (1991) are given below. A summary of drilling results is given in Table 2 and a cross section showing drill holes 91-1, 2, and 5 is shown on Figure 9.

Hole 91-01: This hole was drilled at a dip of  $-45^{\circ}$  and bearing of  $219^{\circ}$ . This hole was drilled to test a strong 25 m wide IP anomaly coincident with the Gibson Showing. It intersected 1.83 m of overburden and 51.47 m of hornfelsed volcanic rocks with a zone from 9.43-26.00 m that was strongly brecciated and pervasively clay-sericite-quartz altered containing up to 10% pyrite, 2% galena and 2% sphalerite. The zone from 14.10 to 23.28 m (9.18 m) averaged 4.34 g/t Au, 224.3 g/t Ag, 0.92% Pb and 0.61% Zn.

**Table 2. 1991 Noranda Drill Results**

Hole	Width (m)	Au Eq*	Au g/t	Ag g/t
EA-91-01	9.18	7.54	4.34	224.3
EA-91-02	5.30	4.35	2.59	122.9
EA-91-03	1.02	10.70	3.63	494.8
EA-91-04	0.99	10.01	6.41	252.0
EA-91-05	4.26	32.90	6.77	1828.8
EA-91-15	1.55	2.61	2.19	29.5
EA-91-15	2.85	0.91	0.62	20.6
EA-91-16	9.43	0.34	0.21	8.8
EA-91-17	4.10	2.46	1.78	47.7
EA-91-17	3.80	2.82	1.46	95.5

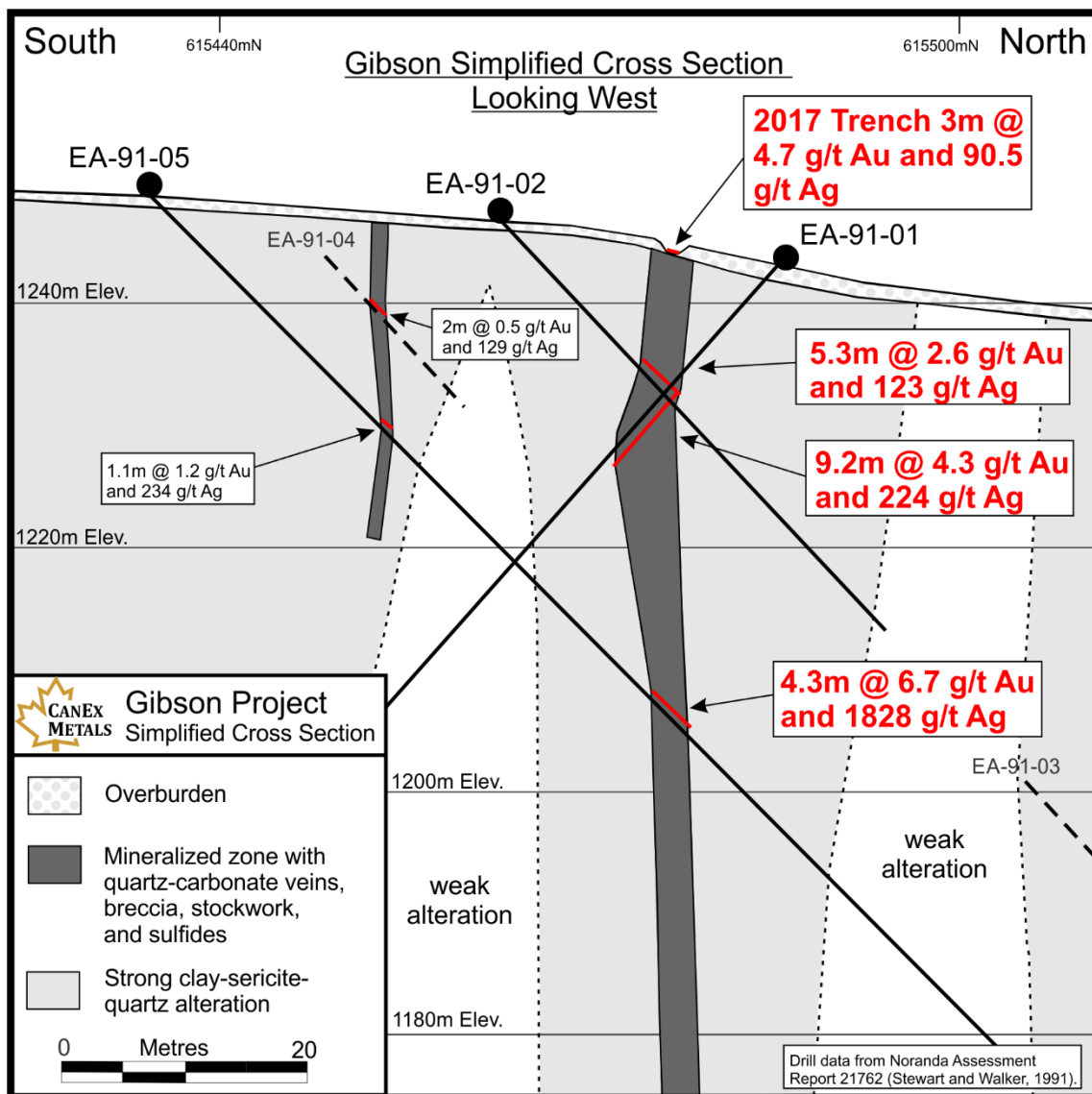
Hole 91 - 2: This hole was drilled at a dip of -45° and bearing of 350°. This hole was drilled to intersect the mineralization encountered in hole 91-1. It intersected 1.5 m of overburden and 46.32 m of hornfelsed volcanics with a zone from 17.2 to 22.5 m that was strongly fractured and pervasively clay-sericite-quartz altered containing up to 8% pyrite, 3% galena and 3% sphalerite. The zone from 17.20 to 22.50 m (5.30 m) averaged 2.59 g/t Au, 122.9 g/t Ag, 0.625% Pb and 1.50% Zn.

Hole 91-03: This hole was drilled at a dip of -45° and bearing of 351°. This hole was drilled to intersect the zone encountered in the first two holes 10 m east along strike and 15 m back from the interpreted surface trace of the zone. It intersected 1.00 m of overburden and 75.20 m of hornfelsed volcanic tuffs and andesites that were moderately to strongly fractured with common zones of intense pervasive clay-sericite-quartz alteration and a few narrow zones with 2-3% galena and 2-3% sphalerite. The zone from 29.15 to 30.17m (1.02 m) averaged 3.63 g/t Au, 494.8 g/t Ag, 1.85% Pb and 1.12%Zn.

Hole 91 - 4: This hole was drilled at a dip of -45° and bearing of 350°. This hole was drilled to test the westward extension of the mineralization encountered in the first three holes. It intersected 3.50 m of overburden and 58.98 m of hornfelsed volcanic tuffs with common zones of strongly fractured pervasive clay-sericite quartz altered volcanics containing up to 3-5% pyrite, 2-3% galena and 2-3% sphalerite. The zone from 25.80 to 26.88 m (1.08 m) averaged 6.41 g/t Au, 252.0 g/t Ag, 0.77% Pb and 1.0% Zn.

Hole 91- 5: This hole was drilled at a dip of -45° and bearing of 006°. This hole was planned for a down dip intersection of the mineralization encountered in hole 2. It intersected 1.74 m of overburden and 98.54 m of hornfelsed volcanics containing common zones of pervasive clay-sericite-quartz alteration with up to 5% pyrite, 15% galena and 5% sphalerite. The zone from 58.34 to 62.60 m (4.26m) averaged 6.77 g/t Au, 1828.8 g/t Ag, 3.34% Pb, 2.69% Zn and 0.27% Cu. This zone is interpreted to be a down dip extension of the mineralized zone intersected in hole 91-2.





**Figure 7.** Cross section through the main Gibson area showing Noranda 1991 drilling.

Hole 91 - 14: This hole was drilled at a dip of  $-45^{\circ}$  and bearing of  $221^{\circ}$ . This hole was drilled to test an IP chargeability anomaly and coincident multi-element geochemically anomaly on the line 200 m north of the Gibson Showing. It intersected 6.30 m of overburden and 69.59 m of hornfelsed volcanic tuffs containing common zones of intense pervasive clay-sericite alteration with 3-10% pyrite. There were no significant assays.

Hole 91-15: This hole was drilled at a dip of  $-45^{\circ}$  and bearing of  $221^{\circ}$ . This hole was drilled to test another chargeable source in the same anomaly tested in hole 14. It intersected 4.60 m of overburden and 86.74 m of biotite hornfelsed volcanic tuffs containing common zones of pervasive clay-sericite alteration with 3-10% disseminated pyrite, 2-3% sphalerite and 1-2% galena. The zone from 9.95 to 11.50 m (1.55 m) averaged 2.19 g/t

Au, 29.49 g/t Ag and 0.06% Pb and 0.18% Zn. The zone from 71.55 to 74.40 m (2.85 m) averaged 0.62g/t Au and 20.57 g/t Ag, 0.15% Pb and 0.55% Zn.

Hole 91-16: This hole was drilled at a dip of -45° and bearing of 221°. This hole was drilled to test an IP chargeability anomaly and coincident multi-element geochem anomaly on the line 200 m south of the Gibson Showing. It intersected 5.70 m of overburden and 61.96 m of hornfelsed volcanic tuffs containing common zones of pervasive clay-sericite alteration with up to 2-3% pyrite, 1-2% galena and 2-5% sphalerite. The zone from 16.85 to 26.28 m (9.43 m) averaged 0.21 g/t Au, 8.78 g/t Ag and 0.07% Zn.

Hole 91-17: This hole was drilled at a dip of -60° and bearing of 221°. This hole was drilled to test another chargeable source in the same anomaly that was tested in hole 91-16. It intersected 2.20 m of overburden and 80.10 m of hornfelsed volcanic tuffs containing common zones of intense pervasive clay-sericite alteration with several narrow zones of up to 15% pyrite, 2-3% sphalerite and 1-2% galena. The zone from 39.30 to 43.40 m (4.1 m) averaged 1.78 g/t Au, 47.72 g/t Ag, 0.53% Pb and 1.09% Zn. The zone from 54.50 to 58.30 m (3.80 m) averaged 1.46 g/t Au, 95.5 g/t Ag, 0.73% Pb and 1.75% Zn.

No mineralization has been found on claim 1050267.

## **8.0 Current Exploration Program**

From May 27 to 30, and August 8 to 24, 2017 CANEX Metals Inc. conducted prospecting and limited soil sampling on claim 1050267 focused on understanding the geology of the claim and to determine how best to conduct future exploration over the zone. The program was conducted as part of a larger trenching, mapping, and sampling program conducted at the adjacent Gibson showing. Project supervision of the 2017 exploration program was conducted by Dr. Shane Ebert P.Geo. for CANEX Metals Inc. One field helper from the Nak'azdli First Nation and one from Hendex Exploration Services Ltd. assisted with the program. Food and lodging was provided by Rogers Paradise Lodge, located on the south shore of Tachentlo Lake, about 20 minutes by road from the Gibson project.

During the program extensive prospecting was conducted in and around logging cut blocks and along gullies. Five soil samples were taken along one line adjacent to variably altered outcrops that occur immediately to the east, and off the claim.

Sample descriptions and coordinates for rock and soil samples are shown in Appendix A. Portable XRF assay sheets for soil samples and assay certificates for 1 rock sample are shown in Appendix B

### **8.1 Soil and rock sampling**

During the program 5 soils samples were collected using soil augers or shovels. Soil sample sites were indicated with flagging and/or Tyvek tags labeled with the sample numbers. UTM coordinates were determined for all sample locations using a handheld GPS instrument. About 0.5 kg of material was collected for each soil sample using a

mattock or hand auger. In most cases, the B horizon was sampled; however, in a few rocky locations the C or combined B/C horizon was sampled. Soil samples were collected in labeled 10 cm x 15 cm Kraft paper bags.



**Figure 8.** Photographs showing typical brown B-horizon layer in the Gibson area.

Portable XRF (pXRF) was used in the field to analyze all soil samples shortly after they were taken. The samples were analysed un-prepared through the paper sample bag and the results were then used for targeting and planning purposes during the program. Following the field program the soil samples were dried and sieved to roughly 80 mesh by CANEX personnel, with the <80 mesh portion placed in thin plastic baggies and analyzed again by pXRF.

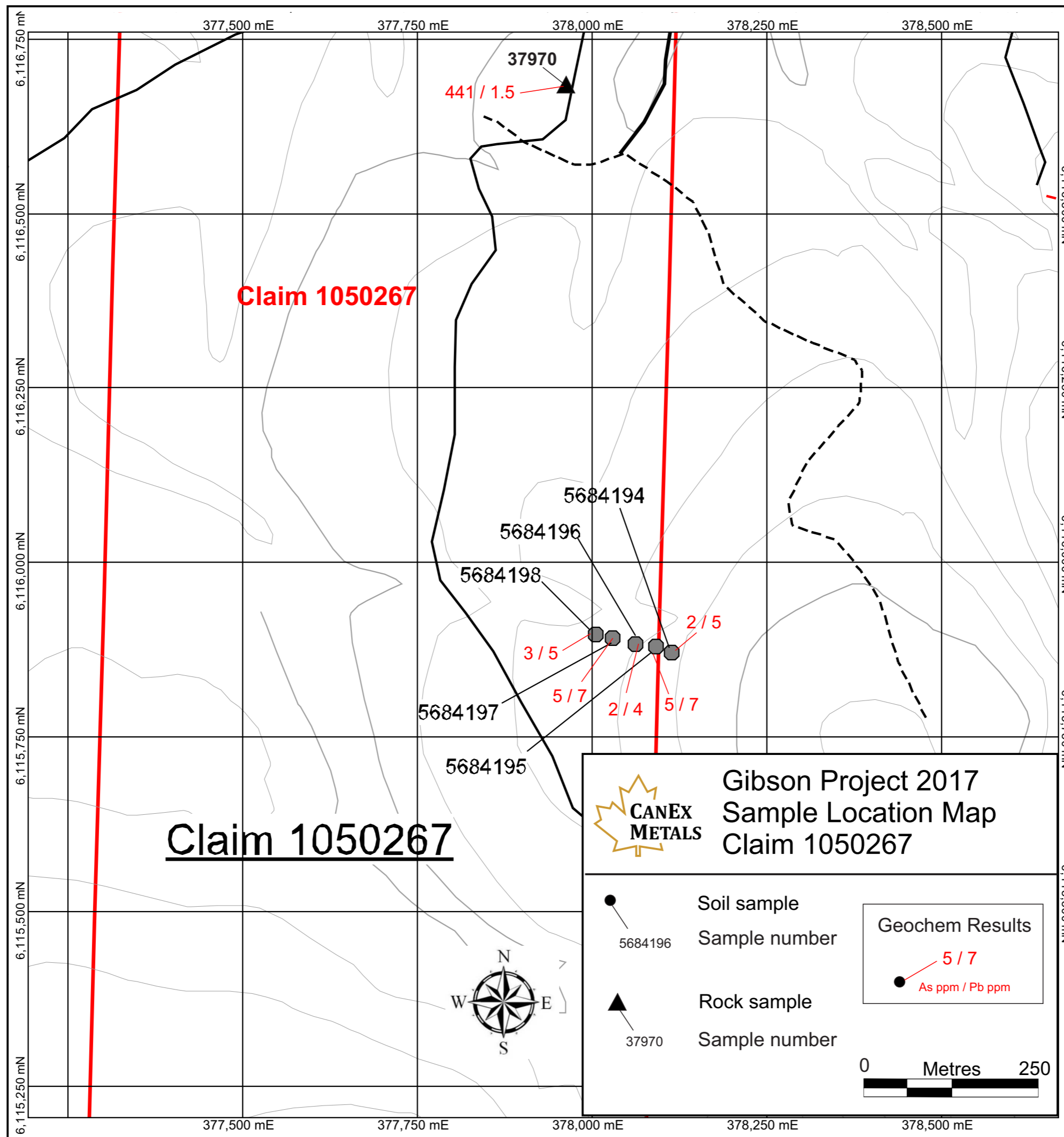
There are numerous sources of error when analysing soil samples using pXRF, including moisture content, sample heterogeneity, spectral interferences, and instrument drift. The small size of the sample window is not representative of the entire sample and samples need to have a high degree of homogeneity to get comparable duplicate analyses.

To mitigate these errors the samples are dried and sieved, and in most cases pXRF results on dried and sieved samples show good reproducibility. Portable XRF is not a suitable method for Au and Ag in soils and at Gibson varying but significant amounts of Pb, Zn, As, and locally Cu are associated with the Au-Ag mineralized zones. These elements as useful pathfinders for Au and Ag and Gibson.

Figure 9 shows the location of soil and rock samples for claim 1050267. No significant anomalies were identified in the samples.

## 8.2 Prospecting

Eleven man days, including travel, were spent on claim 1050267. Logging access trails and cut blocks were traversed, as were gullies and ridges, looking for exposure or mineralized boulders. No outcrop was identified.



**Figure 9.** Soil and rock sample locations, showing arsenic and lead values.





**Figure 10.** Photographs from claim 1050267 highlighting the flat till-covered nature of the area and recent logging activity. Top left, view to the north toward Tchentlo Lake. Top right and bottom left, recent logging developments providing good access. Bottom right, Airline Forest Service Road, cutting through the claim.

Numerous rusty boulders, many rounded to subrounded, occur within the till cover on the claim. Boulders of listwanite alteration are common and some rusty boulders contain a non-magnetic rock that is dark gray and fine grained. This rock is cut by thin quartz veinlets, and has minor light to medium green color oxide stain throughout identified as scorodite. The boulders have a red hematite stained outer surface and stand out in the till. The abundance of these boulders might suggest a significant size source area, however, there is no indication the source might be local. Portable XRF analyses show these boulders contain high iron with elevated Cr, Ni, As, and Co, and high Mg indicative of an ultramafic.

Sample 37970 was the only sample sent for assay. The sample was from 40 cm sub-angular boulder in till that had gray and black fine-grained rock cut by an intense stockwork of quartz veins up to 5 to 10mm in size. The rock contained green scorodite staining and 2 to 4% fine grained gray disseminated sulfides. Assay results show the rock is not mineralized returning results of 0.003 ppm Au, 0.005 ppm Pt, 0.004 ppm Pd,

441 ppm As, 69.5 ppm Co, and 404 ppm Cr.



**Figure 11.** Photo of till boulder sample 37970. Dark gray fine grained rock cut by quartz veinlets with green oxide coating locally.

## 9.0 Adjacent Properties

The Eagle property is located 2 kilometres north of Gibson and hosts multiple zones of Cu-Au porphyry style mineralization hosted within the Hogen Batholith near its southern margin. Historical geological mapping and sampling has outlined a 0.8 by 3 kilometre corridor of Cu-Au mineralization associated with widespread copper in soils. Historic drilling includes 27.28 metres grading 0.87% Cu and 0.32 g/t Au, 17.9 metres of 0.82% Cu and 0.47 g/t Au, and 20.2 metres of 0.56 % Cu and 0.29 g/t Au.

The Chuchi porphyry copper-gold deposit is located 20 kilometres northeast of Gibson. At Chuchi, alteration and copper-gold mineralization is centered on a cluster of plagioclase porphyry monzonite stocks, dykes and sills. Significant intersections of Cu and Au mineralization have been encountered, and mineralization remains open to extension in several directions. Drilling highlights include 88 metres grading 0.37% Cu and 0.21 g/t Au, 154 metres grading 0.22% Cu and 0.2 g/t Au, and 54.6 metres grading 2 g/t Au.

The Mt. Milligan Mine is the closest operating mine to Gibson, and is located 55 kilometres east. It is an open pit mine owned by Centerra Gold and has a 62,500 tonne per day design capacity. The mine has proven and probably reserves of 496,210,000 tonnes grading 0.36 g/t Au and 0.19% Cu, containing 2.1 billion pounds of copper and 5.8 million ounces of gold. Mineralization is centred on crowded plagioclase porphyry intrusions and adjacent volcanic rocks. Mineralization consists mostly of pyrite, chalcopyrite, lesser magnetite, minor bornite and traces of molybdenite in potassic alteration, and pyrite in propylitic alteration. In potassic alteration, the best mineralization is developed in monzonite and volcanic rocks adjacent to the footwall and, to a lesser extent, the hanging wall contacts of the stocks. Copper-gold mineralization forms a central core around the main stocks, whereas gold only mineralization characterizes the outer portion of the Mt. Milligan system. Polymetallic veins are widely distributed in volcanic rocks around the

entire periphery of the Mt. Milligan deposits and cross-cut previously developed propylitic alteration. They contain mostly pyrite with lesser chalcopyrite, sphalerite, galena, molybdenite, arsenopyrite, tetrahedrite-tennantite and gold, and minor amounts of quartz, K-feldspar and carbonate gangue.

## **10.0 Conclusions and Recommendations**

Exploration at the Gibson property will remain focused around the Gibson showing. Claim 1050267 contains no exposure, and although the area has good exploration potential, thick till cover makes exploration problematic. No areas have been identified that are recommended for immediate follow up. It is recommended that claim 1050267 be maintained as a buffer surrounding the Gibson showing to the east. Any future exploration on the claim may need to incorporate methods appropriate for areas of till cover, including geophysics, weak extraction or Ah soil sampling, or till sampling.

## **11.0 References**

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## 12.0 Statement of Expenditures

During the 2017 season CANEX spent \$91,466 Can on the Gibson project with \$13,700 attributed to claim 1050267 as follows:

<b>Personnel-position</b>	<b>Field days (dates)</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Subtotal</b>
Shane Ebert (Geologist)	May 27 to 30	day	4	700	2,800.00
Shane Ebert (Geologist)	August 8 to 24	day	3	700	2,100.00
Dean Mason (Assistant)	August 14 to 23	day	3	400	1,200.00
Roland Johnson (Assistant)	August 17 to 23	day	1	350	350.00
<b>Field Costs</b>	<b>Field days (dates)</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Subtotal</b>
Travel-Accom May logistics visit	May 27 to 30				491.00
Truck rental	August 8 to 24	km	737	0.42	309.00
2nd truck rental	August 8 to 24	day	5	100	500.00
ATV	August 8 to 24	day	3	75	250.00
Trailer, generator, power saws	August 8 to 24				375.00
Food and Lodging	August 8 to 24	man day	10	160	1,600.00
Field supplies and fuel	August 8 to 24				750.00
Satellite phone and radios	August 8 to 24				100.00
XRF Rental/assays	August 8 to 24	day	1	75	75.00
<b>Compilation / Report Writing</b>		<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Subtotal</b>
Shane Ebert (Geologist)		day	4	700	2,800.00
				<b>Total</b>	<b><u>\$13,700.00</u></b>



## Appendix A - Soil and Rock sample descriptions

Soil Samples NAD83 Zone 10							pXRF Screened and dried samples			
Sample	UTMEast	UTMNorth	Depth cm	Horizon	color	Comments	Zn ppm	Pb ppm	As ppm	Cu ppm
5684194	378113	6115871	20	B	brn	clay rich no outcrop	32	5	2	6
5684195	378091	6115879	20	B	brn	clay rich no outcrop	34	7	5	13
5684196	378062	6115886	25	B-C	brn	clay rich, organics above	26	4	2	
5684197	378029	6115895	10	B	brn	clay rich	30	7	5	11
5684198	378005	6115897	10	B	brn-gray	clay rich	27	5	3	6

Rock Sample NAD83 Zone 10							PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS41	ME-MS41	ME-MS41
Sample	UTMEast	UTMNorth	Zone	Type	Type 2	Description	Au ppm	Pt ppm	Pd ppm	Ag ppm	Cu ppm	Co ppm
37970	377957	6116621	W Gibson	float	Grab	40cm sub angular boulder in till. Gray and black f.g. wallrock cut by intense stwk of qtz veins 5 to 10mm in size, randomly oriented. 2-4% f.g. gray dissem sulfides	0.003	0.005	0.004	0.04	5.9	69.5

## Appendix B - pXRF Assay Sheets and Rock Assay Certificate

Sample	Date	Mode	Pass/Fail	Instrument SN	Model	Tube Anode	Unit	LOD Sigma	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total
	2017-05-28	Cal Check		511044	Delta Premium	Rh	%	3	15.12			15.12
5684186	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.61	43.55	29.9	103.06
5684187	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.64	43.6	29.86	103.1
5684188	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.56	43.35	29.89	102.8
5684189	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.58	43.02	29.86	102.46
5684190	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.65	43.62	29.85	103.12
5684191	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.51	43.24	29.9	102.66
5684192	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.65	43.69	29.9	103.25
5684193	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.5	43.18	29.87	102.55
5684194	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.52	43.23	29.87	102.62
5684195	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.55	43.26	29.88	102.69
5684196	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.5	43.18	29.87	102.55
5684197	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.51	43.24	29.88	102.63
5684198	2017-05-28	Soil	PASS	511044	Delta Premium	Rh	PPM	3	29.54	43.33	29.89	102.75

Sample	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn
5684186	-5622	706	1686	190	192	49	394	32	2671	53	505	14	22.8	1.7	68	4	193
5684187	-3913	829	3262	243	509	59	537	34	3795	63	751	17	23.7	1.9	66	4	349
5684188	-6047	608	1060	160	257	49	559	33	1022	35	702	15	28.4	1.8	64	4	297
5684189	-6523	445	1294	127	129	30	284	19	1138	29	226	7	10	1	22	2	121
5684190	-4076	961	2931	261	510	66	1085	47	5422	83	1334	25	40	3	80	5	1561
5684191	-5828	737	2801	219	183	51	1020	43	4376	67	1222	20	35	2	62	4	182
5684192	-7501	786	4305	286	421	64	419	37	4853	77	651	16	30	2	92	4	254
5684193	-5346	653	2055	189	249	47	611	33	1869	43	839	16	31.3	1.9	68	4	154
5684194	-6193	543	1884	161	182	40	225	22	2051	40	769	14	14.9	1.4	41	3	119
5684195	-6189	622	1517	175	118	44	731	36	1606	41	851	17	31.2	1.9	87	4	360
5684196	-6147	558	2726	183	186	38	217	21	2403	43	208	7	11.1	1.1	41	3	143
5684197	-6392	641	2651	203	132	42	251	25	3051	53	483	12	23.3	1.6	76	4	185
5684198	-5496	644	922	153	167	46	727	36	1762	43	839	17	31.8	1.9	73	4	192

Sample	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-
5684186	6	13607	58	73	3	-25	4	11.1	1.7	54.2	1.5	8.3	0.7	-0.2	0.4	25.2	0.6
5684187	8	19714	77	90	4	-55	4	3.9	1.6	301	3	14.6	0.8	-1.1	0.4	18.6	0.5
5684188	7	10225	45	47	3	-21	4	4.4	1.6	53.3	1.5	5.7	0.6	-0.4	0.4	28.8	0.6
5684189	4	5399	24	19.6	1.7	-50	2	-0.2	1.1	37.7	1	3.6	0.4	-0.7	0.3	9.6	0.4
5684190	19	25184	97	56	4	-32	4	37	2	127	2	12.2	0.8	-1.4	0.4	20.4	0.6
5684191	6	6468	32	14	2	-1	4	4.1	1.6	19.6	1	1.5	0.6	-0.7	0.4	26.7	0.6
5684192	7	14723	65	73	4	-19	4	22	2	43.7	1.5	15	0.8	-1.1	0.4	22.5	0.6
5684193	5	10315	43	28	3	5	4	10.7	1.6	25.8	1.1	5.2	0.6	-1.4	0.3	20.8	0.5
5684194	4	4209	23	34.1	1.8	-21	3	5.7	1.4	32.2	1.1	2.3	0.5	-0.9	0.3	24	0.5
5684195	7	11232	48	44	3	11	4	13	1.7	33.8	1.2	4.5	0.6	-1	0.4	32.3	0.6
5684196	4	5077	26	39.8	1.9	-14	3	3.9	1.4	25.8	1	2.2	0.5	-1.1	0.3	23.3	0.5
5684197	5	9116	40	47	3	3	4	11.2	1.6	30.4	1.2	5	0.6	0	0.4	28.1	0.6
5684198	6	9388	41	34	3	2	4	5.8	1.6	27.3	1.1	3.1	0.6	-0.5	0.4	31	0.6

Sample	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
5684186	139	3	5.4	0.6	91	2	-3.1	1	3	4	1	5	1	8	23	9	1
5684187	113	2	4.6	0.6	82	2	-1.6	1	4	3	7	4	5	7	-2	8	9
5684188	146	3	7	0.6	91	2	-2.5	1	8	4	1	4	2	7	4	8	5
5684189	51.5	1.1	3.1	0.4	31.3	1.1	-3.5	0.7	12	3	11	3	-15	5	9	6	6
5684190	117	2	11.1	0.7	88	2	-2.3	1	4	4	5	5	6	8	2	8	10
5684191	180	3	6.4	0.6	103	2	-3.9	1	0	4	0	5	16	7	8	8	7
5684192	148	3	8.4	0.7	100	3	-3	1.1	8	4	-5	5	3	8	8	9	3
5684193	175	3	5.5	0.6	84	2	-3.4	0.9	6	3	5	4	5	7	14	8	3
5684194	126	2	5.1	0.5	75.2	1.8	-2.5	0.9	4	3	6	4	5	7	1	7	5
5684195	171	3	7.8	0.7	94	2	-3.4	0.9	-4	3	3	4	13	7	6	8	9
5684196	137	2	5.7	0.5	82.2	1.9	-4.2	0.9	6	3	5	4	-9	6	-2	7	4
5684197	172	3	6.4	0.6	91	2	-2.4	0.9	5	3	3	4	2	7	2	8	-3
5684198	170	3	7.1	0.6	89	2	-3.1	0.9	5	3	14	4	-1	7	-1	8	6

Sample	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
5684186	3	-7	3	-2.3	1	8.4	0.9	-6	4	18	8	2	1.4
5684187	4	-12	3	-2.5	1.1	11.8	0.9	-10	4	6	8	-0.9	1.2
5684188	3	-5	3	-2.7	1	6	0.8	-6	4	18	8	1.9	1.3
5684189	2	-19	2	-5.7	0.7	2.8	0.6	-18	3	4	6	-0.9	0.8
5684190	3	-14	3	-3.8	1.1	12.1	0.9	5	4	9	8	0.5	1.3
5684191	3	-10	3	-1.1	1	6.3	0.8	8	4	27	8	-0.7	1.3
5684192	3	-7	4	-1.8	1.1	11.1	0.9	-6	4	16	9	-0.9	1.4
5684193	3	-9	3	-2	0.9	5.6	0.7	9	3	24	8	-0.5	1.2
5684194	3	-13	3	-3.1	0.8	5.3	0.7	-7	3	9	7	0.4	1.1
5684195	3	-9	3	-0.8	1	7.2	0.8	1	4	11	8	-0.1	1.3
5684196	3	-8	3	-3.1	0.8	4.4	0.7	-7	3	1	7	0.5	1.1
5684197	3	-1	3	-1.7	0.9	6.6	0.8	1	4	10	8	-0.8	1.2
5684198	3	-8	3	-1.1	1	4.7	0.8	4	4	23	8	-0.6	1.3



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Page: 1  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 26- JUN- 2017  
 This copy reported on  
 14- NOV- 2017  
 Account: TDP

**CERTIFICATE VA17113254**

Project: BC Project Generation

This report is for 14 Rock samples submitted to our lab in Vancouver, BC, Canada on 6- JUN- 2017.

The following have access to data associated with this certificate:

ROD CHURCHILL ALTIUS RESOURCES WEBTRIEVE	SHANE EBERT LAWRENCE WINTER	JEFF MORGAN
---	--------------------------------	-------------

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME- MS41	Ultra Trace Aqua Regia ICP- MS
PGM- ICP23	Pt, Pd, Au 30g FA ICP ICP- AES

To: ALTIUS RESOURCES INC.  
 ATTN: ROD CHURCHILL  
 PO BOX 8263  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager





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Project: BC Project Generation

**CERTIFICATE OF ANALYSIS VA17113254**

Sample Description	Method Analyte Units LOR	WEI- 21	PGM- ICP23	PGM- ICP23	PGM- ICP23	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm
A00037958		0.92	0.001	<0.005	<0.001	0.04	0.34	1.4	<0.02	<10	70	0.14	0.04	0.10	0.02	12.05
A00037959		1.02	0.003	<0.005	<0.001	0.05	1.90	14.0	<0.02	<10	110	0.29	0.04	3.62	0.20	17.15
A00037960		1.14	0.001	0.006	0.010	1.65	1.25	0.7	<0.02	<10	40	1.15	0.41	0.57	0.10	17.05
A00037961		1.06	<0.001	0.010	0.014	0.09	1.31	0.2	<0.02	<10	200	0.61	0.07	1.42	0.05	1.55
A00037962		0.98	0.002	0.009	0.010	1.49	0.96	0.7	<0.02	<10	30	1.00	0.59	0.99	0.23	9.12
A00037963		2.14	<0.001	0.013	0.013	0.10	3.19	1.3	<0.02	<10	590	0.40	0.07	1.20	0.06	1.11
A00037964		0.74	0.013	0.011	0.013	0.32	2.57	0.4	<0.02	<10	70	0.56	0.18	0.72	0.03	4.65
A00037965		1.28	0.001	0.005	0.010	1.37	1.06	0.3	<0.02	<10	30	1.23	0.40	0.85	0.34	5.69
A00037966		1.10	<0.001	0.012	0.011	0.13	1.80	0.7	<0.02	<10	210	0.86	0.11	1.13	0.10	3.06
A00037967		1.28	0.003	0.013	0.014	0.08	2.23	0.6	<0.02	<10	680	0.27	0.08	1.48	0.06	0.67
A00037970		0.92	0.003	0.005	0.004	0.04	0.11	441	<0.02	10	40	0.08	0.23	0.20	0.09	0.42
A00037973		1.00	<0.001	<0.005	0.003	0.01	0.05	3.6	<0.02	20	50	<0.05	<0.01	0.26	0.08	0.08
A00037974		0.94	0.004	<0.005	<0.001	0.14	1.80	14.8	<0.02	10	170	0.13	0.07	10.55	0.17	8.35
A00037975		0.74	<0.001	<0.005	0.004	0.06	0.60	168.5	<0.02	10	290	1.00	0.05	5.88	0.10	46.1



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**CERTIFICATE OF ANALYSIS VA17113254**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm
		0.1	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5
A00037958		10.3	5	0.55	87.4	1.38	2.01	<0.05	0.06	<0.01	0.007	0.21	5.7	3.6	0.16	80
A00037959		12.8	2	0.55	3.7	5.81	4.60	0.07	<0.02	<0.01	0.053	0.17	7.5	11.8	1.29	2160
A00037960		34.8	69	3.55	922	14.75	6.79	0.11	0.16	<0.01	0.043	0.86	10.7	4.8	1.01	164
A00037961		19.4	122	2.22	61.6	3.38	3.04	0.10	0.24	<0.01	0.031	0.34	0.6	6.4	1.29	399
A00037962		99.5	52	0.72	1335	12.80	2.34	0.09	0.18	<0.01	0.021	0.13	4.2	5.4	0.64	126
A00037963		45.3	138	10.90	98.7	6.00	5.90	0.11	0.16	<0.01	0.019	1.69	0.5	21.3	2.89	696
A00037964		39.2	205	1.34	181.5	5.74	5.05	0.11	0.13	<0.01	0.035	0.14	2.3	6.8	4.93	380
A00037965		101.5	17	0.51	1045	11.25	2.23	0.07	0.13	<0.01	0.017	0.15	2.9	7.5	0.70	144
A00037966		29.9	101	2.75	141.5	7.33	4.06	0.10	0.25	<0.01	0.033	0.42	1.2	10.6	1.84	404
A00037967		32.3	137	6.63	64.5	4.23	4.17	0.12	0.18	<0.01	0.016	1.06	0.2	10.4	2.07	558
A00037970		69.5	404	0.20	5.9	4.15	0.30	<0.05	<0.02	0.51	0.008	0.02	0.2	4.0	17.30	673
A00037973		76.5	400	0.24	3.8	3.18	0.15	<0.05	<0.02	0.06	<0.005	0.02	<0.2	5.9	17.50	618
A00037974		31.1	21	0.60	69.8	5.65	5.15	0.05	0.07	5.69	0.063	0.13	3.4	15.4	1.52	1560
A00037975		26.7	35	3.26	114.5	5.40	4.28	0.14	0.29	0.40	0.052	0.37	22.4	7.5	1.85	1140



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**CERTIFICATE OF ANALYSIS VA17113254**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
		0.05	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01
A00037958		1.67	0.06	0.24	2.1	280	1.2	11.5	0.002	0.32	<0.05	2.2	0.4	0.2	15.0	<0.01
A00037959		0.74	0.01	<0.05	1.8	1520	2.0	5.8	0.001	0.16	0.43	5.0	0.8	<0.2	123.5	<0.01
A00037960		7.79	0.06	0.83	118.5	870	1.8	54.6	<0.001	4.88	0.06	4.3	4.9	0.8	67.2	<0.01
A00037961		0.76	0.05	0.16	98.1	210	0.5	22.3	<0.001	0.41	<0.05	9.1	0.7	0.6	42.9	<0.01
A00037962		4.16	0.02	0.97	258	2060	2.7	10.7	<0.001	>10.0	0.08	2.5	5.3	0.8	46.5	<0.01
A00037963		0.63	0.05	0.09	135.0	480	0.4	101.5	<0.001	0.56	<0.05	14.0	0.5	0.3	56.4	<0.01
A00037964		14.30	0.03	0.09	213	620	0.8	9.5	0.001	0.45	<0.05	10.1	0.9	0.4	41.6	<0.01
A00037965		3.40	0.01	0.62	178.5	1270	1.5	10.9	<0.001	>10.0	0.05	1.9	4.4	0.6	47.5	<0.01
A00037966		2.05	0.06	0.39	111.0	470	0.5	23.6	<0.001	0.96	<0.05	12.6	0.8	0.7	37.8	<0.01
A00037967		0.93	0.05	0.05	112.0	400	0.5	62.4	<0.001	0.38	<0.05	12.2	0.3	0.3	57.3	<0.01
A00037970		0.26	0.01	<0.05	1225	20	1.5	1.1	<0.001	0.02	18.10	5.4	0.2	<0.2	7.4	<0.01
A00037973		0.22	0.01	<0.05	1490	30	<0.2	1.1	<0.001	<0.01	0.74	7.0	<0.2	<0.2	4.6	<0.01
A00037974		0.80	0.08	<0.05	33.9	680	3.1	2.8	0.005	0.43	7.26	19.5	1.4	<0.2	155.5	<0.01
A00037975		0.19	0.05	0.09	28.8	2360	8.1	30.3	<0.001	0.10	13.50	21.1	1.0	0.6	448	<0.01



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**CERTIFICATE OF ANALYSIS VA17113254**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.01	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
A00037958		0.01	2.8	0.036	0.04	0.71	19	0.06	4.87	7	1.5
A00037959		<0.01	0.2	<0.005	0.05	0.06	20	<0.05	13.80	59	0.5
A00037960		0.75	1.9	0.135	0.77	2.90	57	0.49	6.00	46	3.4
A00037961		0.05	<0.2	0.261	0.30	1.24	91	0.48	8.13	40	5.1
A00037962		0.45	0.6	0.085	0.31	2.73	20	0.49	6.95	46	4.1
A00037963		0.05	<0.2	0.346	1.37	0.15	132	0.37	6.76	100	3.1
A00037964		0.16	0.8	0.153	0.33	0.80	74	0.35	6.42	49	2.7
A00037965		0.48	0.4	0.058	0.20	1.78	18	0.42	4.31	83	2.7
A00037966		0.07	0.2	0.332	0.32	0.57	84	0.39	7.84	64	4.8
A00037967		0.04	<0.2	0.282	0.82	<0.05	105	0.34	4.80	78	4.4
A00037970		0.01	<0.2	<0.005	<0.02	<0.05	11	0.24	0.36	20	<0.5
A00037973		<0.01	<0.2	<0.005	<0.02	<0.05	15	0.11	0.11	18	<0.5
A00037974		0.06	0.3	<0.005	0.07	2.30	98	0.18	11.60	67	2.7
A00037975		<0.01	3.3	0.035	0.14	0.79	123	0.32	14.85	57	9.3





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CERTIFICATE OF ANALYSIS VA17113254

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method:

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).  
ME- MS41

**LABORATORY ADDRESSES**

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

CRU- 31	CRU- QC	LOG- 21	ME- MS41
PGM- ICP23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			