

**BC Geological Survey  
Assessment Report  
35126**

**ASSESSMENT REPORT on  
PROSPECTING & SAMPLING**

**Work Performed  
During the 2014 Field Season**

**On The  
ISKUT RIVER PROPERTY**

Tenures worked on:  
508278, 508279, 517756, 517759, 523335, 523337

**LIARD MINING DIVISION  
NORTHWEST DISTRICT (SMITHERS)  
NORTHERN COAST RANGE, BRITISH COLUMBIA**

NTS Map Sheets: 104 B/10, 104 B/11  
56° 39' 26" North Latitude  
131° 03' 25" West Longitude  
BC TRIM Sheets: 104B.055, 104B.056, 104B.065, 104B.066  
UTM: 6,281,130mN 373,900mE  
ZONE 9, NAD83

**Prepared For  
SNIPGOLD CORP.  
(Formerly SKYLINE GOLD CORPORATION)  
Suite 904 – 409 Granville Street  
Vancouver, B.C. V6C 1T2**

Report by:  
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December 10, 2014

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

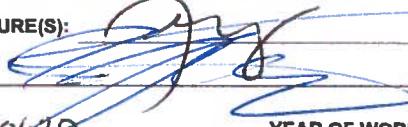
Assessment Report  
Title Page and Summary

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

**ASSESSMENT REPORT ON PROSPECTING**

TOTAL COST: \$13,896.19

AUTHOR(S): JENNIFER BURGESS, P.GEO.  
JOHN ZEETNOFF, P.GEO.

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-1-46 / #12-0101255-0620

YEAR OF WORK: 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5523849 / 2014-SEP-26

PROPERTY NAME: ISKUT PROPERTY

CLAIM NAME(S) (on which the work was done): 508278, 508279, 517756, 517759, 523335, 523337

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

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: LARD NTS/BCGS: 104 B/10, 104 B/11

LATITUDE: 56° 39' 26" LONGITUDE: 131° 03' 25" (at centre of work)

OWNER(S):

1) SNIP GOLD CORP. 2)

MAILING ADDRESS:

# 904 - 409 GRANVILLE ST.  
VANCOUVER, BC V6C 1T2

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

1) SAME 2)

MAILING ADDRESS:

SAME

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

TRIASSIC, STUHUNI GROUP JURASSIC HAZELTON GROUP VOLCANIC,  
SEDIMENTARY ROCKS, MINERALIZED SHEARS, SILICIFICATION,  
CHLORITE, BIOTITE, SERICITE

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

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	10 Km <sup>2</sup>		4,500.00
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	55	523335, 523337, 508278, 508279, 517759, 517756	13,853.38
Other (core)	88	523335/523337	21,859.02
DRILLING (total metres; number of holes, size)			
Core			
Non-core	DRILL DEMOB		38,474.00
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	~ 1 Km <sup>2</sup>	508278, 508279, 517756, 517759, 523335, 523337	35,209.79
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	113,896.19

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## **1. INTRODUCTION**

SnipGold Corp. is the owner of a high grade gold exploration property located in the Iskut River region of the northern Coast Mountains of British Columbia. The property also contains significant bulk tonnage porphyry style mineralization, which includes the Bronson Slope Deposit. This Deposit underwent a Preliminary Assessment study which concluded in November 2010.

The property is situated at the northern end of B.C.'s "Golden Triangle", a name originally applied to an area of the Coast Mountains found between Stewart in the south and the Iskut River in the north. This area is characterized by its many precious metal occurrences, the most significant of which have been the Eskay Creek Mine in the Unuk River drainage (produced 3.3 million ounces gold at 49.5 g/t gold, 159 million ounces of silver at 2,406 g/t silver), the Premier Gold Camp near Stewart, B.C. (2.0 million ounces of gold, 42.9 million ounces of silver) and the Snip Mine (1.0 million ounces of gold, 0.4 million ounces of silver). The historic Snip Mine, currently held by Barrick Gold Corporation ("Barrick"), is located approximately in the west-central portion of SnipGold's exploration property. The foregoing significant producers rank first, fifth and tenth respectively in lode precious metals production in the province (production totals from B.C. Minfile records).

The provincial and federal governments have constructed a power line from Meziadin Junction to Bob Quinn along the Highway 37 alignment. The initial user of the power line will be AltaGas Ltd., which has constructed several run of river hydroelectric generating facilities in the Iskut River drainage. AltaGas has constructed a branch line to the main line at Bob Quinn in order to sell "green" power to BCHydro. This electrification project has been a goal of the BC exploration industry for half a century; the completion and implementation of this line in October 2014 will provide for significant improvements in the economic viability of a number of significant mines advancing to production.

During 2014 the property was accessed by air from Bob Quinn Airstrip, located 65 km northeast of the property, as well as from a staging area at McLymont Creek, located at the most western extent of the AltaGas Road, 17 km east of the Bronson Airstrip. As of August 1, 2014, the property nominally comprised an area of 22,237.99 ha in 86 claims. The claims were made up of 20 legacy claims, 53 cell claims and 13 Crown Grants.

Topography on the property is rugged with elevations below 800m being densely timbered. Elevations range from less than 100m to almost 2,400m in elevation above sea level. Weather at lower elevations is moderated by damp Pacific weather systems; however, extreme amounts of snow fall are common at higher elevations. At lower elevations, in rare years, ground accessed exploration activities can take place year round, although April is a more common month for commencing work. Higher elevations remain snow-bound until July. Permanent snow generally falls by early November at the latest, although in rare years, winter snow can occur by early September. Alpine glaciers are common.

SnipGold's Iskut property is within the Intermontane Belt on the western margin of the Stikine terrane. Three distinct stratigraphic elements are recognized: Upper Paleozoic Stikine Assemblage, Triassic Stuhini Group and Lower to Middle Jurassic Hazelton Group. Intrusive rocks comprise: upper Triassic Stikine plutonic suite; early to middle Jurassic Copper Mountain,

Texas Creek and Three Sisters plutonic suites; and elements of the Tertiary Coast Plutonic Complex.

Exploration work completed on the property between August 6 and 14<sup>th</sup>, 2014 included prospecting with the collection of grab samples at the McFadden Float Zone (“McFadden”) and a hydrothermally altered shear zone directly south of McFadden, known as the Upper Groove Ridge area. Historic drill hole SK89-700, a 509 meter drill hole of interest was re-logged and sampled over its length. In addition, during this period a drill crew was brought in to demobilize the diamond drill being stored on site since the last drill program.

A total of 55 grab samples were collected; 11 samples from McFadden, and 44 samples from the gossan anomaly at Upper Groove Ridge. A total of 88 samples were collected from the historic drill hole SK89-700.

## **2. PROPERTY DESCRIPTION AND LOCATION**

### **2.1 Property Location**

The property is located in the northern Coast Range of British Columbia in the Iskut River drainage (refer to Figure 1 and Figure 2). It is centered at 56° 39' 26" North Latitude and 131° 03' 25" West Longitude on National Topographic Series Map Sheets: 104B/10 and 104B/11. Using the Universal Transverse Mercator (UTM) system of location, the property is centered at 6,281,130mN, 373,900mE in Zone 9 North American Datum (NAD) 83 on BC Terrain Resource Information Management (TRIM) Map Sheets 104B.055, 104B.056, 104B.065 and 104B.066.

Map distances and directions to regional centers are as follows:

**Table 1: Location of Regional Centers Relative to the Property**

<b>Regional Centre</b>	<b>Distance (km)</b>	<b>Direction From Property</b>
Bob Quinn	65	Northeast
Wrangell, Alaska (M)	80	West-southwest
Dease Lake	110	North-northeast
Stewart (M)	110	Southeast
Terrace (M)	285	Southeast
Smithers (M)	320	Southeast

Note: (M) indicates the presence of advanced medical services.

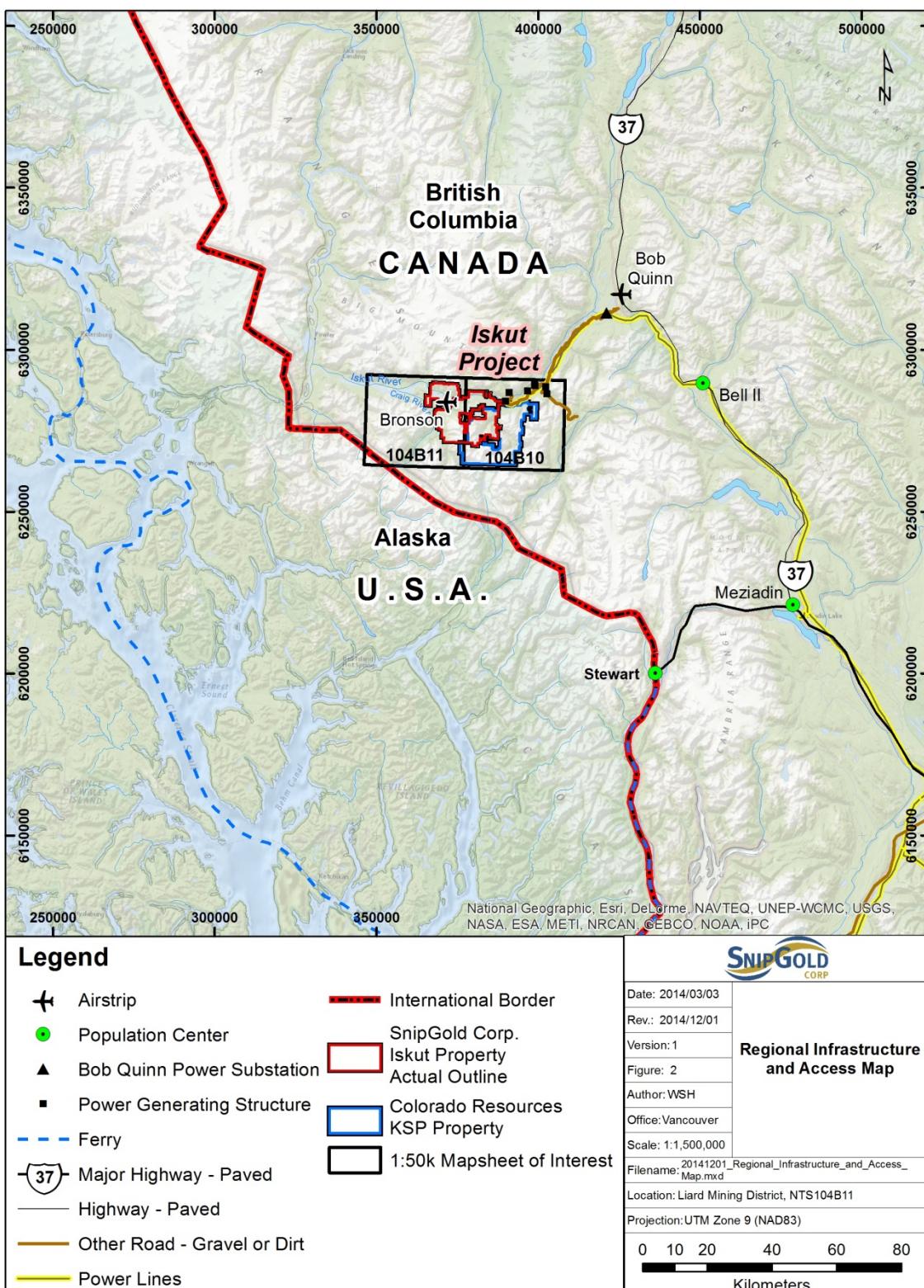
### **2.2 Mineral Tenures**

As of August 1, 2014, the property nominally comprised an area of 22,237.99 ha in 86 claims. The claims were made up of 20 legacy claims, 53 cell claims and 13 Crown Grants. (Refer to Figure 3).

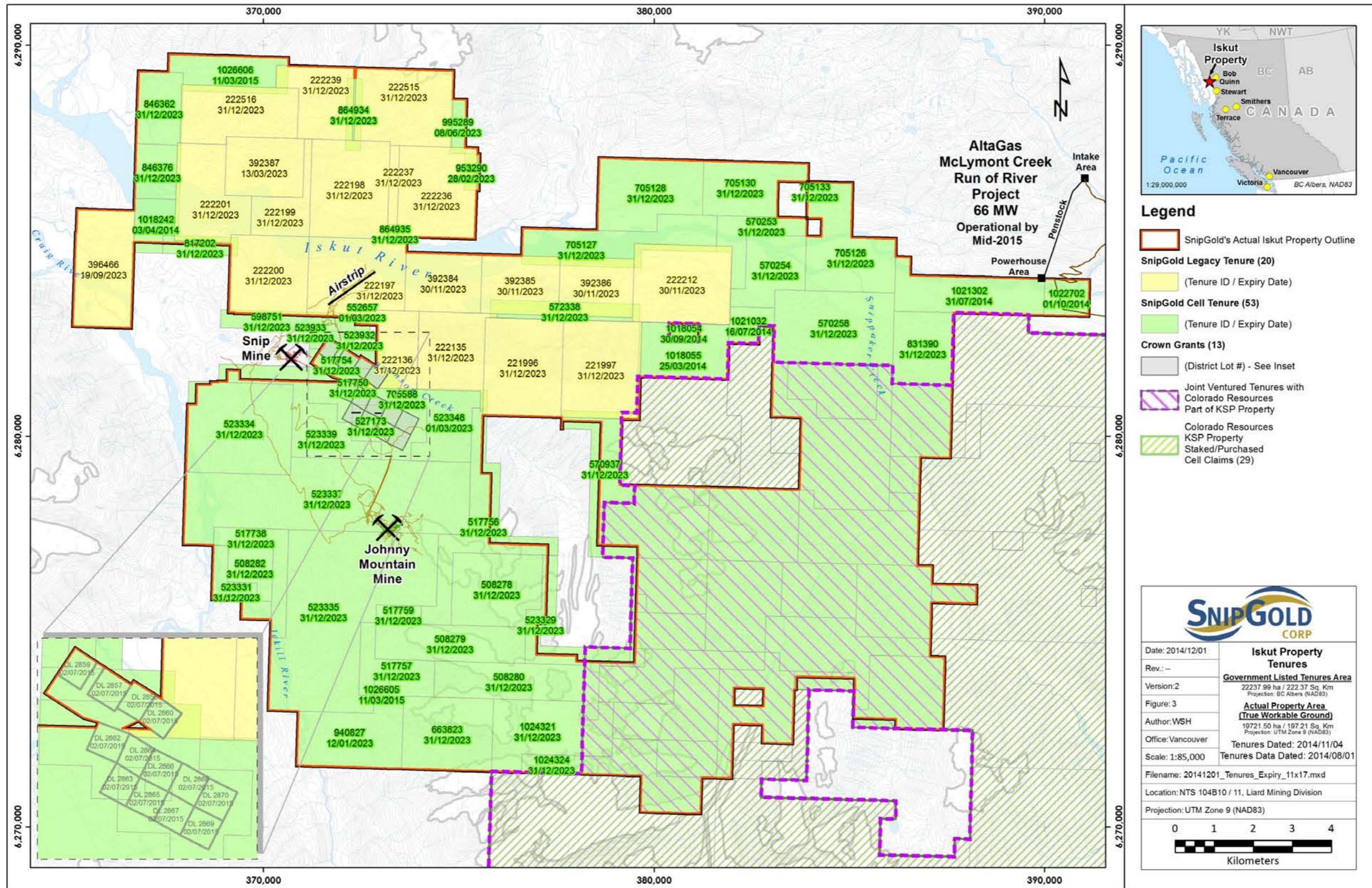
The information shown in the following tables indicate the claims work was filed on for assessment and was obtained directly from mineral tenure records of the Ministry of Energy and Mines, Mineral Titles Branch, MT Online; as well as records of the Ministry Responsible for Lands.



**Figure 1: Property Location in British Columbia**



**Figure 2: Regional Infrastructure and Access Map**



**Table 2: Mineral Tenure Table - Legacy Claims**

Tenure Number	Tenure Name	Owner Number <sup>(2)</sup>	Issue Date (dd-mmm-yy)	Expiry Date (dd-mmm-yy)	Area (ha)	Tenure Type
221996	HANDEL	142704	14-Jul-80	31-Dec-23	500	Legacy
221997	RAVEL	142704	14-Jul-80	31-Dec-23	500	Legacy
222135	CHOPIN I	142704	09-Sep-81	31-Dec-23	500	Legacy
222136	CHOPIN II	142704	09-Sep-81	31-Dec-23	300	Legacy
222212	WARATAH #7	142704	13-Sep-82	30-Nov-23	500	Legacy
392384	BUG 1	142704	13-Mar-02	30-Nov-23	300	Legacy
392385	BUG 2	142704	13-Mar-02	30-Nov-23	300	Legacy
392386	BUG 3	142704	13-Mar-02	30-Nov-23	300	Legacy
392387	SNIP NORTH	142704	13-Mar-02	31-Dec-23	400	Legacy
396466	PHIZ 1	142704	19-Sep-02	13-Mar-23	450	Legacy
222197	HEMLO WEST 12	257908	29-Sep-82	31-Dec-23	500	Legacy
222198	HEMLO WEST 13	257908	29-Sep-82	31-Dec-23	500	Legacy
222199	HEMLO WEST 14	257908	29-Sep-82	31-Dec-23	375	Legacy
222200	HEMLO WEST 15	257908	29-Sep-82	31-Dec-23	400	Legacy
222201	HEMLO WEST 16	257908	29-Sep-82	31-Dec-23	500	Legacy
222236	AURUM 3	257908	24-Nov-82	31-Dec-23	500	Legacy
222237	AURUM 4	257908	24-Nov-82	31-Dec-23	125	Legacy
222239	HEMLO WEST 18	257908	16-Dec-82	31-Dec-23	400	Legacy
222515	VER 1	257908	04-Dec-86	31-Dec-23	500	Legacy
222516	ISK 1	257908	04-Dec-86	31-Dec-23	450	Legacy
Total Area (ha) = 8,300						

**Table 3: Mineral Tenure Table - Cell Claims**

Tenure Number	Tenure Name <sup>(1)</sup>	Owner Number <sup>(2)</sup>	Issue Date (dd-mmm-yy)	Expiry Date (dd-mmm-yy)	Area (ha) <sup>(4)</sup>	Tenure Type
508278	jmx	142704	04-Mar-05	31-Dec-23	409.547	Cell
508279	jmx2	142704	04-Mar-05	31-Dec-23	356.247	Cell
508280	jmx3	142704	04-Mar-05	31-Dec-23	356.325	Cell
508282	jmx4	142704	04-Mar-05	31-Dec-23	124.635	Cell
517738	BURNIE2	142704	14-Jul-05	31-Dec-23	178.046	Cell
517750	BRONSON	142704(2)	14-Jul-05	31-Dec-23	409.107	Cell
517754	BRONSON2	142704(2)	14-Jul-05	31-Dec-23	106.692	Cell
517756	SKYFILL1	142704	14-Jul-05	31-Dec-23	427.192	Cell
517757	BURNIEADD	142704	14-Jul-05	31-Dec-23	195.970	Cell
517759	BURNIEADD1	142704	14-Jul-05	31-Dec-23	53.428	Cell
523329	HIGHADD	142704	01-Dec-05	31-Dec-23	178.100	Cell
523331	JEKYLLADD	142704	01-Dec-05	31-Dec-23	124.650	Cell
523334		142704	01-Dec-05	31-Dec-23	622.647	Cell
523335		142704	01-Dec-05	31-Dec-23	1,353.509	Cell
523337		142704	01-Dec-05	31-Dec-23	1,263.601	Cell
523339		142704	01-Dec-05	31-Dec-23	355.767	Cell
523348	SNIP 1	142704	02-Dec-05	01-Mar-23	284.618	Cell
523932	KATYADD	142704	15-Dec-05	31-Dec-23	17.780	Cell
523933	CGADD	142704	15-Dec-05	31-Dec-23	17.780	Cell
527173	CG1	142704	06-Feb-06	31-Dec-23	17.788	Cell
552657	BRONSON SLOPE FRACTION	142704	24-Feb-07	01-Mar-23	17.779	Cell
570253	ST ANDREW 1	142704	19-Nov-07	31-Dec-23	177.679	Cell
570254	ST ANDREW 2	142704	19-Nov-07	31-Dec-23	266.567	Cell
570258	ST ANDREW 3	142704	19-Nov-07	31-Dec-23	568.871	Cell
570937	INEL WEST 1	142704	28-Nov-07	31-Dec-23	284.689	Cell
572338	RIVER	142704	21-Dec-07	31-Dec-23	177.764	Cell
598751	SNIPPED	142704	05-Feb-09	31-Dec-23	160.006	Cell
663823	KHYBER PASS 4	142704	02-Nov-09	31-Dec-23	427.745	Cell
705126	SNIPPAKER-1	142704	01-Feb-10	31-Dec-23	444.218	Cell
705127	GOLD COUNTRY	142704	01-Feb-10	31-Dec-23	444.221	Cell
705128	FINAL APPROACH	142704	01-Feb-10	31-Dec-23	444.082	Cell

Tenure Number	Tenure Name <sup>(1)</sup>	Owner Number <sup>(2)</sup>	Issue Date (dd-mmm-yy)	Expiry Date (dd-mmm-yy)	Area (ha) <sup>(4)</sup>	Tenure Type
705130	DESCENT	142704	01-Feb-10	31-Dec-23	301.960	Cell
705133	BLOCK	142704	01-Feb-10	31-Dec-23	17.763	Cell
705588	FLATS	142704	05-Feb-10	31-Dec-23	17.788	Cell
817202	ISKUT GOLD	142704	12-Jul-10	31-Dec-23	88.853	Cell
831390	ST ANDREW 5	142704	12-Aug-10	31-Dec-23	284.466	Cell
846362	TRIANGLE NORTH	142704	13-Feb-11	31-Dec-23	213.070	Cell
846376	TN2	142704	13-Feb-11	31-Dec-23	159.860	Cell
864934	HEMLO WEST 19	248423	06-Jul-11	31-Dec-23	71.020	Cell
864935	AURUM 5	248423	06-Jul-11	31-Dec-23	17.770	Cell
940827	BURNIE 1	142704	12-Jan-12	12-Jan-23	409.93	Cell
953290	AURUM 6	142704	28-Feb-12	28-Feb-23	35.52	Cell
995289	AURUM EAST	142704	8-Jun-12	8-Jun-23	53.27	Cell
1018055	ADAGIO FOR STRINGS	142704	25-Mar-13	25-Mar-14	284.49	Cell
1018242	VALKYRIE	142704	3-Apr-13	3-Apr-14	142.15	Cell
1021032	TIMBER	142704	16-Jul-13	16-Jul-14	88.89	Cell
1021302	BENCH	142704	31-Jul-13	31-Jul-14	373.23	Cell
1022702	MCCLYMONT	142704	01-Oct-13	01-Oct-14	106.64	Cell
1026605	TIMEOUT	142704	11-Mar-14	11-Mar-15	17.82	Cell
1026606	ELEANOR	142704	11-Mar-14	11-Mar-15	266.28	Cell
1018054		142704	25-Mar-13	30-Sep-14	35.56	Cell
Total Area (ha) = 13,681.12						

**Table 4: Mineral Tenure Table - Crown Grants**

Tenure Number	Tenure Name	Owner Number <sup>(2)</sup>	Expiry Date (dd-mmm-yy) <sup>(3)</sup>	Area (ha)	Tenure Type
DL 2857	RED BLUFF	142704	02-Jul-15	20.902	Crown Grant
DL 2858	HOMESTAKE	142704	02-Jul-15	17.276	Crown Grant
DL 2859	RED BIRD	142704	02-Jul-15	17.240	Crown Grant
DL 2860	MERMAID	142704	02-Jul-15	20.315	Crown Grant
DL 2862	EL ORO	142704	02-Jul-15	20.902	Crown Grant
DL 2863	SILVER KING	142704	02-Jul-15	18.838	Crown Grant
DL 2864	GOLDEN PHEASANT	142704	02-Jul-15	18.899	Crown Grant
DL 2865	BROWN BEAR	142704	02-Jul-15	20.700	Crown Grant
DL 2866	ISKOOT	142704	02-Jul-15	20.700	Crown Grant
DL 2867	SILVER DOLLAR	142704	02-Jul-15	19.546	Crown Grant
DL 2868	MARGURITTE	142704	02-Jul-15	19.749	Crown Grant
DL 2869	BLUE GROUSE	142704	02-Jul-15	20.898	Crown Grant
DL 2870	COPPER QUEEN	142704	02-Jul-15	20.898	Crown Grant
Total Area (ha) = 256.863					

Notes to tables:

- (1) Cell Tenure Names are assigned by the owner at the time of acquisition for the owner's convenience only. These names are neither unique nor necessary for the administration of the tenure.
- (2) SnipGold Corp. = Owner Number 142704; a portion of tenure numbers 517750 and 517754 is underlain by surveyed lot BLOCK A of DISTRICT LOT 7018, currently the SNIP 2 MINING LEASE; a 3.5% NSR is owed to Barrick Gold Corporation on mineral products produced from BLOCK A. The Royalty can be reduced to 3% by the payment of \$500,000.
- (3) Hattrick Resources Ltd. = Owner Number 257908; Hattrick, a wholly owned subsidiary of SnipGold, has acquired a 95% ownership of the tenures from the Iskut Joint Venture, a joint venture comprising Golden Band Resources Inc. (Owner number 248423 - 52.5%) and American Bonanza Gold Corporation (47.5%). An existing 2% net smelter return royalty on production from the joint venture property will continue.
- (4) In the case of Crown Granted tenures, annual taxes are due on the indicated date or the next business day.
- (5) In the case of cell claims, the full nominal area is listed of the cells upon which the system is based. The actual area to which exploration rights are held may be less than the nominal areas shown due to overlaps with previously existing legacy tenures. The area is reported in BC Albers units.

### **3. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

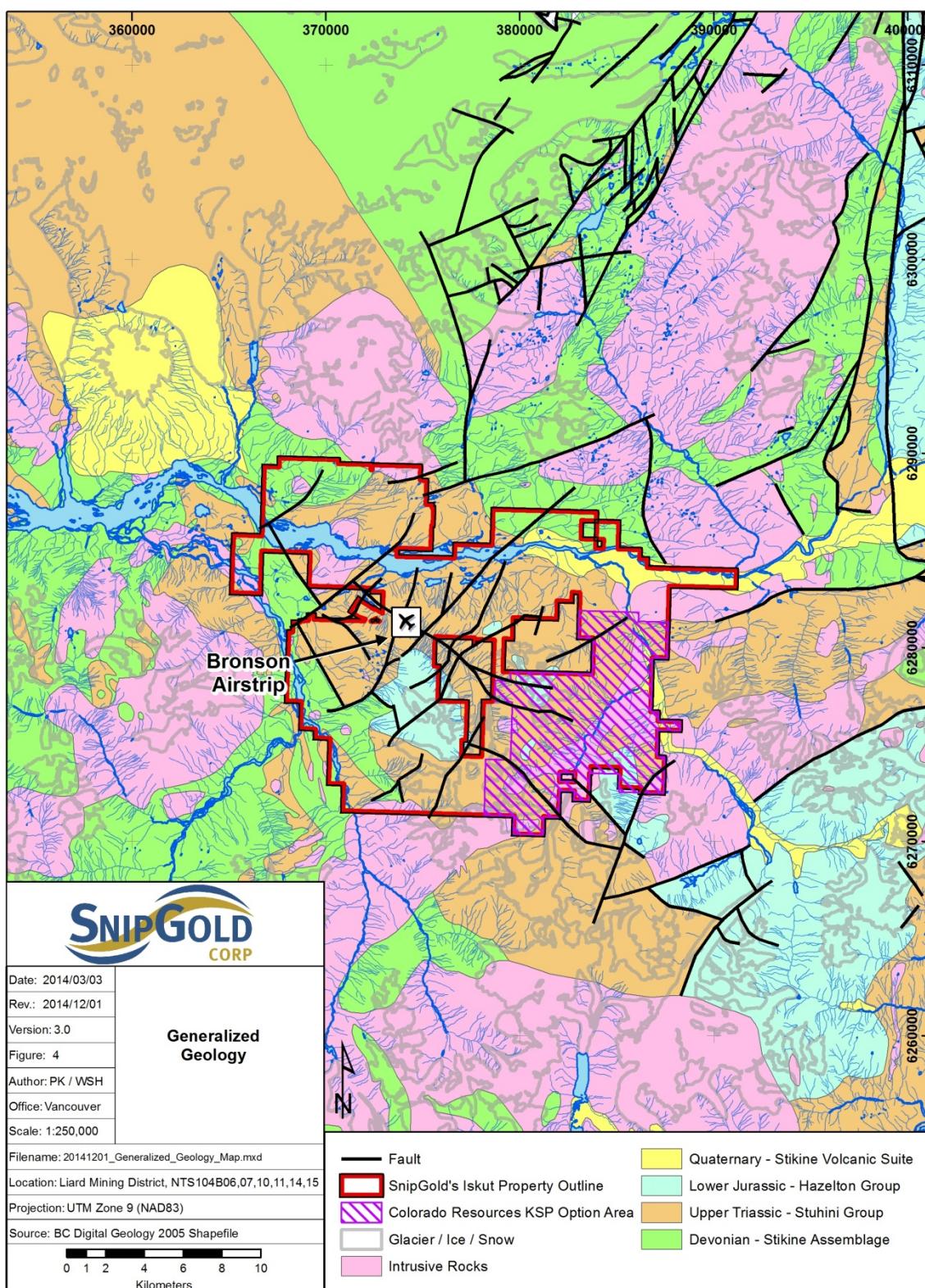
#### **3.1 Topography, Elevations and Vegetation**

Elevations on the property range from 71.5m, the elevation of the Iskut River where it flows westerly off the northwestern edge of the property, to 2,372.5m, the height of Kalahin Mountain located at the southern edge of the property in the divide between the Jekyll River and Snippaker Creek drainages (refer to Figure 4).

The property lies in the Boundary Ranges of the northern Coast Mountains. Topography is generally very steep with v-shaped valleys forming in all but the very largest drainages. The largest drainages, Iskut River and Craig River, have alluvium filled, flat bottomed valleys. In addition, the Iskut River valley is filled with Quaternary basalt flows from the east, as well as flows from the south down Snippaker Creek, to a point approximately 6 km west of the eastern boundary of the property. Numerous alpine glaciers occur at higher elevations on the southern part of the property.

Vegetation comprises dense stands of Coastal Hemlock, Western Hemlock and Sitka Spruce at lower elevations up to approximately 1,000m of elevation. Stands of alpine hemlock and balsam are common in the transitional zone between forest and alpine tundra. The dominant species in the alpine tundra are Alaskan Moss Heather and Cream Mountain Heather. Lichens and mosses survive on higher rocky slopes.

Trees do not survive on many steeper slopes due to snow movement during the winter. Slide alder, salmonberry and tall ferns survive in these areas. Tall stands of cottonwood occur on the alluvial fans and banks of larger creeks and rivers.



**Figure 4: Generalized Geology Map**

### **3.2 Access and Accommodation**

The property is a fly-in property, accessible mainly by helicopter or fixed wing aircraft. Access to the property is via either of two airstrips on the property.

- The Bronson airstrip is well graded, gravel surfaced, 1500 m long aerodrome located near the centre of the property at approximately 95 m in elevation.
- The Johnny Mountain airstrip is a steeply graded, glacial till surfaced, 1420 m long aerodrome located in the southwestern part of the property at approximately 1075 m elevation. The Johnny Mountain airstrip was constructed with two noticeable bends in order to fit the existing topography.

Both airstrips have been used in the past for landing fully loaded C-130 Hercules aircraft; however, due to crosswinds, Hercules will not take off from the Johnny Mountain airstrip bearing a full load. The two airstrips are joined by a 10 kilometre long road that requires annual maintenance in order to remain serviceable.

Air support is available from Smithers, B.C., Terrace, B.C. or Wrangell, Alaska. Larger airlifts can be arranged from the Bob Quinn airstrip, located 65 km northeast of the Iskut property on the Cassiar Stewart Highway (#37). NT Air has also been contracted to fly directly from the South Terminal of Vancouver Airport directly to the Bronson Strip. A refueling stop at Smithers is often needed on the Vancouver-Bronson flight. No services are available at Bob Quinn.

Additionally, there is a 30 kilometre long gravel road from Bob Quinn running easterly on the south side of the Iskut River to the Eskay Creek access road that can be utilized at certain times of the year after meeting permitting requirements. During the summer of 2012 this road was extended for a considerable distance by development carried out by Alta Gas in conjunction with the work on the Run of River power development along the Iskut River to McLymont Creek. This all season road is now encompassed by SnipGold's property.

It is possible to access the property by light boats from Wrangell, Alaska via the Stikine and Iskut Rivers; however, the trip by boat would have to be considered adventurous. Cominco Ltd. utilized a hovercraft to navigate the Stikine and Iskut Rivers during their operations of the Snip Gold Mine operations in the 1990's; however, use of the hovercraft was discontinued due to high operating costs.

Several large storage buildings remain from the Snip mining operation that have been assigned to SnipGold; one of which is used to house SnipGold's heavy surface construction equipment when not in use. The other large building is used for warehouse type storage. Wood framed core logging; core cutting and office buildings belonging to SnipGold are also located at the Bronson airstrip.

Accommodation for the 2014 field program was based out of existing structures midway down the Bronson Airstrip; namely the core shack, the core saw shack and the old office building. The seasonal tent frame camp at the south end of the airstrip was not used in 2014.

### **3.3 Climate**

The property is located approximately 80 km inland from the mouth of the Stikine River, which empties into the Pacific Ocean. Although Pacific weather disturbances greatly influence the weather patterns at the site, temperatures are generally cooler than those of the northern coastal climate.

The site is characterized by moderately low annual mean temperatures, ranging from 0.0 to 1.0°C. Maximum mean daily temperatures of about 13°C are reached in mid-August, with minimums of -8°C occurring in late January. Extremes recorded at the site of -39.7°C and 28.0°C show the typical large fluctuations in ambient temperatures associated with the area.

As a result of its location in the Coast Mountain Range, mean annual precipitation levels of between 2000 mm and 2600 mm at the site are among the highest in British Columbia. Precipitation falls primarily from September through May with intense rain storms in September and October. At higher elevations approximately 55 % of the precipitation falls as snow which is present until mid to late July. Between 24 m and 30 m of snow can fall at uppermost elevations over the winter season; however, high, sustained winds blow most of the snow off the high country commonly leaving accumulations of 5 to 6 m.

### **3.4 Mining Suitability**

Although the property is quite mountainous, sufficient space is available near the Bronson airstrip on which a processing plant and waste rock/tailings storage could be situated. Water is present in large quantities. Currently the seasonal exploration camp is located approximately 17 km from the nearest access road; however, the potential connecting road route lies entirely within the current SnipGold claim group and beside the Iskut River, which has a flat bottomed valley due to having been filled with Quaternary basaltic volcanic flows. Road access was extended by Alta Gas to McLymont Creek in 2012. The western end of the roadway is now encompassed by the property.

A large force of underemployed miners, tradesmen and labourers exists in central and northern B.C.

At the present time electrical power at the property is supplied by diesel electric generators; however, AltaGas has constructed a run-of-river hydro-electric generating utility on the Iskut River located 17 km east of the Bronson airstrip. BC Hydro has also constructed a high voltage electrical power line to Bob Quinn to allow the AltaGas utility to deliver power to the continental power grid via a dedicated line.

## **4. HISTORY**

### **4.1 Exploration and Mining History**

During 1907, a prospecting party from Wrangell, Alaska recorded claims on Bronson Creek. These claims were later Crown Granted and remain in existence today. In the

period 1911 to 1920 the Iskut Mining Company reported drifting, trenching and stripping a number of gold bearing veins on the Red Bluff and Iskut claims on the northeastern portion of the property.

From 1954 to 1960 Hudson Bay Mining and Smelting Co. Ltd. completed exploration drilling resulting in the discovery of copper prospects at the location of what later became the Johnny Mountain Gold Mine (see below). In 1964, Cominco Ltd. optioned claims from Tuksi Mining Company and Jodi Explorations Ltd. and in 1965 completed drilling on the Red Bluff claim for its copper content. In 1973 and 1974 the property was examined by Texas Gulf Sulphur Inc. for its copper and base metal content.

In 1980 Skyline re-staked the claims and initiated exploration on the Pickaxe Vein and adjacent area to explore its gold potential. In 1981, the Discovery Vein was discovered and subsequent drilling was completed. In 1982 Skyline continued drilling the Discovery Vein and other targets resulting in the discovery of a high grade gold vein known as the 16 Vein.

In late 1982, Skyline entered into an agreement with Placer Development Ltd. to explore the property. Placer in turn entered into a joint venture with Anaconda Canada Exploration Ltd. and the joint venture carried out exploration during 1983 and 1984.

In late 1984, Skyline completed drilling on the 16 Vein and established depth continuity to this gold bearing quartz sulphide vein. From 1985 to 1988 Skyline continued surface and underground exploration and development on the several veins that comprise the Stonehouse Gold Deposit.

In August 1988, the Johnny Mountain Gold Mine commenced production. Operations were suspended due to exhaustion of reserves at the end of September 1990. The mine was restarted in 1993 for three months. The total metals produced (BC Minfile – Johnny Mountain) from 227,247 tonnes of material milled were 2,815kg of gold (90,517 ounces), 4,349kg of silver (139,818 ounces) and 1,008,919kg of copper (2,222,500 pounds) for total revenue of approximately \$45 million. Gold recovery averaged 86.4%.

Androne Resources Ltd. (later Pezgold Resources Ltd.) performed exploration programs in 1987 and 1988 on a block of claims to the south of the mine optioned from Skyline. Work comprised geochemistry, prospecting, trenching and geologic mapping. A number of anomalous areas in gold were discovered. Androne did not complete its commitments and the property returned to Skyline.

Tungco Resources Ltd. performed exploration programs during the period 1987 to 1990 on a property optioned from Skyline known as the Waratah Property, (now the Bug Lakes Property). Tungco completed its commitments and 100 % of the property vested in Tungco, with a 1% Net Smelter Royalty left to Skyline. Tungco later allowed most of the property to forfeit, then restaked the original property at a later date. Skyline has subsequently re-acquired the property by outright purchase.

Additionally, Skyline completed large geochemical, geophysical and prospecting programs during 1988, 1989 and 1990 between the mine and the northern and northeastern portion of the claims. These programs resulted in reconnaissance diamond drilling of numerous promising gold targets as well as directed drilling of the

Road Show gold vein in 1988, the Bronson Slope copper, gold porphyry target in 1988, the CE Contact stockwork hosted gold vein target in 1989 and 1990 and the C-3 shear hosted gold prospect in 1990. Several million dollars of flow through exploration funds were spent on these programs.

Skyline also completed exploration programs on behalf of Placer Dome Inc. in 1990 and 1991 on an optioned block of claims on the northeastern portion of the property known as the Bronson Creek Project. Placer was exploring for the southeastern extension of the formerly producing Snip Gold Mine that adjoins the northern boundary of the Iskut Property. In excess of one million dollars was spent on geophysical, geochemical, trenching, prospecting, geologic mapping and diamond drilling programs.

During 1991, Adrian Resources Ltd. performed exploration work on the northwest portion of the claims under an earn-in option agreement. The work comprised geophysics, geochemistry, prospecting, geologic mapping, trenching and diamond drilling. Numerous targets were identified and the SMC Zone, thought to be a gold and base metal, shear hosted deposit, received the bulk of the drilling. Expenditures were reported to be 1.3 million dollars.

At the same time, during 1990 and 1991, Skyline was performing prospecting, geologic mapping, trenching and drilling on shear hosted gold targets on the Burnie claims to the south of the Adrian work. This work was based on the earlier work by Androne/Pezgold and discovered numerous interesting targets.

In 1993, Skyline signed an exploration agreement with Cominco Ltd. in which Cominco performed exploration on a portion of the northeast area of the property. Cominco's interest was in finding a deposit similar to the Twin Zone of the Snip Gold Mine. During the period 1993 to 1995, Cominco spent approximately \$1.4 million on geologic mapping and diamond drilling.

Skyline performed a limited program of Induced Polarization and diamond drilling on the Red Bluff (Bronson Slope) gold, copper porphyry system in 1993. This led to an extensive program of advanced exploration and feasibility study during the period 1994 to 1997. Field work was stopped in 1998 due to declining metal prices and loss of investor confidence in capital markets due to the Bre-X scandal.

In 1999, Skyline reached an agreement with Homestake Canada Inc. whereby Skyline was given controlled access to the Snip Mine workings to perform underground exploration on an area of Skyline's ground immediately adjacent to the Snip workings. Homestake would act as operator for the mining and drilling programs on behalf of Skyline, and a revenue sharing agreement was agreed upon should Homestake elect to participate in the mining and milling of any ore developed on the claim. Homestake retained a production royalty on the ground from an earlier agreement. Financing for the work was provided by Royal Gold, Inc. of Denver Colorado in exchange for a royalty on any gold produced from the property. The cost of the program was \$CDN300,000.

During the period 1999 to 2003, Skyline's activities on the property comprised a number of small reclamation programs as well as an examination of the tailings at the Johnny Mountain Gold Mine for their gold content and gold recoverability.

Skyline became an active explorer again starting in 2006. The Bronson Slope gold-copper porphyry deposit (Red Bluff porphyry stock) was extensively explored during the period 2006 to 2009, terminating in a positive Preliminary Technical Assessment report, dated November 2010, outlining Measured and Indicated resource of 2.2 million ounces of gold.

Exploration drilling on the CE Contact Zone, first discovered by soil sampling, trenching and drilling during 1989, was performed during 2009 and 2010. Interesting gold and base metal grades were intersected in a shear and fracture hosted stockwork of narrow quartz, carbonate and/or pyrite veins that also contained copper, zinc and lead grades of interest.

Skyline was again active in 2011, with an aggressive exploration program of geological mapping, hand trenching and sampling, geochemical soil/rock sampling, airborne magnetic and electromagnetic surveys, drilling and down hole geophysics (Yeager, 2012). Exploration work in 2011 was focused on drilling and trenching along the Snip-Bronson Trend and geochemical sampling in the Bug Lake area.

In 2012, SnipGold Corp. (formerly Skyline Gold Corporation) conducted a 77 day field program focusing on drill testing exploration targets that were modeled as conductive plates based on a 2006 AeroTEM airborne survey (Burgess, 2013). In addition, one hole was drilled at the Gorge, and one along the Snip-Bronson Trend to test/confirm previous drilling results returning interesting gold grades as well as conduct downhole BPEM surveys for future modeling and drill target generation.

Summer 2013 saw a limited exploration program carried out, due to lack of funds resulting from a poor investment marketplace. The 5 day field program focused on follow up prospecting of two high priority areas identified from compilation and interpretation of historic data; the McFadden Float Zone on Johnny Mountain, and Khyber Pass. A total of 28 grab samples were collected; 21 samples from the McFadden Float Zone, and 7 samples from Khyber Pass.

In December 2013, SnipGold entered into an Option Agreement with Colorado Resources Ltd. ("Colorado") where Colorado can earn the right to acquire up to an 80% interest in a 6,745 ha portion of SnipGold's holdings at the southeastern corner of the original Iskut Property (News Release, Dec. 20, 2013). In addition to the 6,745 ha optioned area, which includes the copper-gold mineral occurrences of Khyber Pass, Sericite Ridge, Inel and Pyramid Hill, Colorado staked an adjoining 22,201 ha area in December 2013, all of which is collectively known as the KSP Property.

## 5. GEOLOGICAL SETTING

### 5.1 Regional Geology

Parts of the following discussion are taken from RHYS, D.A. 1995. The Red Bluff gold-copper porphyry and associated precious and base metal veins, northwestern British Columbia, in Porphyry Deposits of the Northwestern Cordillera of North America;

Canadian Institute of Mining, Metallurgy and Petroleum, Special Volume 46, Schroeter, T.G. editor, p. 838 - 850.

The Iskut River region is within the Intermontane Belt on the western margin of the Stikine terrane. Three distinct stratigraphic elements are recognized in the western portion of the area (Anderson, 1989):

- Upper Paleozoic schists, argillites, coralline limestone and volcanic rocks of the **Stikine Assemblage**,
- Triassic **Stuhini Group** volcanic and sedimentary arc related strata, and
- Lower to Middle Jurassic **Hazelton Group** volcanic and sedimentary arc related strata.

Very little detailed mapping within these three stratigraphic elements has been performed. With the exception of mapping in proximity to important economic mineral occurrences, most of the formations have not been named, and none of them have been measured in detail. The volcanic and sedimentary arc related strata are extremely variable in both composition and extent; and all three of the major elements, in places, contain identical to similar strata.

Age relationships are determined by:

- Comparison to co-spatial and coeval intrusive rocks, for which the body of age data is growing steadily,
- Scant fossil occurrences,
- Readily identifiable unconformities where exposed, and
- A general sense of the degree of widespread structural overprinting.

Intrusive rocks in the Iskut River region comprise five plutonic suites:

- The **Stikine plutonic suite** comprises Late Triassic calc-alkaline intrusions which are coeval with Stuhini Group strata.
- The **Copper Mountain, Texas Creek and Three Sisters** plutonic suites are variable in composition but are roughly coeval and co-spatial with Hazelton Group volcanic strata.
- Tertiary elements of the **Coast Plutonic Complex** are represented by predominantly granodioritic to monzonitic Eocene intrusions of the Hyder plutonic suite, exposed 12 kilometres south of the Bronson area (Britton et al., 1990).

The age, mineralogy and texture of the Red Bluff porphyry stock (associated with the Snip gold deposit and the Bronson Slope porphyry gold, copper deposit), suggest that it belongs to the metallogenetically important Early Jurassic Texas Creek plutonic suite (Alldrick, 1985; Alldrick et al, 1987; Brown, 1987). Plutons of this suite are widespread in the Stewart, Iskut River region and range in age from 196 to 185 million years

(Anderson, 1993; MacDonald et al., 1992). The Bronson Stock, lying north of the Red Bluff Stock and bisected by the Iskut River, is also of a similar age.

## 5.2 Property Geology

### 5.2.1. North of the Iskut River

The most recent compilation of the mapping north of the Iskut River is presented in the following publications.

- MIHALYNUK, M.G., LOGAN, J.M. AND ZAGOREVSKI, A. AND JOYCE, N. (2011): Geology and Mineralization of the Hoodoo Mountain Area (NTS 104B/14E); BC Ministry of Energy, Mines and Petroleum Resources, Paper 2011-1, pages 37-64, and its companion map,
- MIHALYNUK, M.G., LOGAN, J.M. AND ZAGOREVSKI, A. (2011): East Hoodoo Mountain – Iskut River Geology (NTS 104B/14E, 11NE); BC Ministry of Energy and Mines, Open File 2011-4, 1:50,000 scale map.

### 5.2.2. South of the Iskut River

The most recent published mapping south of the Iskut River is presented in the following publications.

- METCALFE, P. and MOORES, J.G. 1993. Refinement and Local Correlation of the Upper Snippaker Ridge Section, Iskut River Area, B.C. (104B/10W and 11E), BC Ministry of Energy, Mines and Petroleum Resources, Paper 1993-1, pages 335-340.
- ALLDRICK, D.J., BRITTON, J.M., MACLEAN, M.E., HANCOCK, K.D., FLETCHER, B.A., and GIEBERT, S.N. 1990. Geology and Mineral Deposits – Snippaker Area. B.C. Ministry of Energy, Mines and Petroleum Resources Open File Map 1990-16.
- BRITTON, J.M., FLETCHER, B.A. and ALLDRICK, D.J. 1990. Snippaker Map Area (104B/6E, 7W, 11E); BC Ministry of Energy, Mines and Petroleum Resources, Paper 1990-1, pages 115-126.
- FLETCHER, B.A., and HIEBERT, S.N. 1990. Geology of the Johnny Mountain Area. B.C. Ministry of Energy, Mines and Petroleum Resources Open File Map 1990-19.
- LEFEBURE, D., and GUNNING, M. 1989. Geology of the Bronson Creek Area. B.C. Ministry of Energy, Mines and Petroleum Resources Open File Map 1989-28.

A slight difference can be seen when comparing mapping by Mihalynuk et al in 2010 with mapping by Britton et al in 1990. Mihalynuk's mapping lists the rocks forming the core of the Snip-Johnny Mountain geologic trend as Paleozoic to Triassic undivided metamorphosed Stikine Assemblage and Stuhini Group; whereas Britton et al list the rocks as unequivocally Upper Triassic Stuhini Group.

Skyline mapping during 1990 (Metcalfe) indicates that the rocks immediately beneath the Jurassic/Triassic regional unconformity near the Johnny Mountain mine are

certainly Stuhini Group. However, at the much lower elevations to the north at the base of the Johnny Mountain massif, there is a possibility of Stikine Assemblage rocks being found. There is a noticeable apparent difference, on the 1:10,000 scale 1990 geologic compilation map by Skyline, between the rocks mapped by Adrian Resources Ltd. geologists on the Craig River property option, and the rocks mapped by Skyline geologists on the rest of the property to the south, and therefore at higher elevations. The Adrian mapping comprises primarily andesitic and lesser rhyolitic rocks with minor wackes; whereas, the Skyline mapping, beneath the Jurassic/Triassic unconformity, comprises primarily wackes and mudstones with lesser dacitic volcanic rocks. The apparent difference could be due to a possible contact between Stuhini Group rocks at higher elevations to the south, and Stikine Assemblage rocks at lower elevations to the north.

Skyline mapping during 1990 (Metcalfe, personal communication) discovered what appears to be one limb of an upright fold paralleling the Craig River on the western flank of the Johnny Mountain massif. The rocks associated with this potential fold are marked by a significant degree of structural deformation, and could also be Stikine Assemblage rocks.

The rocks above the Jurassic/Triassic unconformity appear to be unequivocally lower Jurassic Hazelton Group, which would include an important section equivalent in age and lithology to the stratigraphy hosting the Eskay Creek precious metals VMS deposit which is located 40km to the east.

## **6. SAMPLE PREPARATION, ANALYSIS AND SECURITY**

### **6.1 Grab Sample QA/QC Procedures**

SnipGold utilizes standard industry practices in quality control and quality assurance with the insertion of multiple blind control samples of certified standards and blanks in each sample batch submitted to the laboratory. Core samples are also subjected to a robust program of field duplicates, as well as preparation and assay duplicate analyses. The QA/QC program is completed in addition to the internal QA/QC practiced by the analytical laboratory. The 2014 sample collection included the insertion of three different certified standards as well as landscape dolomite as field blanks.

The standards are certified and were purchased from CDN Labs of Langley British Columbia, Canada.

- SnipGold is very selective in the gold standards used in their control sample QAQC program and only standards with a low variance are selected. SnipGold requires that the standard must report the two standard deviations ("SD") value and it must be within 10% of the nominal value. The standards must also have a matrix that is similar to that of the rocks expected to be encountered on the property. If the standard meets these criteria, then it is the policy of their QAQC officer to accept standard analyses that are within three (3) SDs.
- The tolerances, both nominal value and 2 S D values, for the certified standards used in the 2014 sampling is listed in Table 5 below.

**Table 5: Control Sample Specifications**

Standard	Au (ppm) Nominal	Au (ppm) 2SD	Cu (%) Nominal	Cu (%) 2SD	Mo (%) Nominal	Mo (%) 2SD	Ag (ppm) Nominal	Ag (ppm) 2SD	Zn (%) Nominal	Zn (%) 2SD
CGS-20	7.750	0.470	3.360	0.170	n/a	n/a	n/a	n/a	n/a	n/a
CGS-20a	21.12	1.54	n/a		n/a		n/a		n/a	
ME-19	0.620	0.062	0.474	0.018	n/a	n/a	103	7	0.75	0.04
CM-15	1.253	0.118	1.280	0.090	0.054	0.004	n/a	n/a	n/a	n/a

Sample preparation was completed by ALS Canada Ltd. in both Terrace and North Vancouver, BC; analysis was conducted by ALS Canada Ltd. in North Vancouver, BC. The North Vancouver laboratory is ISO/IEC 17025 certified.

Gold analyses for rock and core samples are initially completed using Au-ICP21, 30 gram fire assays with an ICP-AES finish. All samples assaying with Au-ICP21 values equal to or in excess of 2.0 g/t Au are reanalysed using Au-GRA21, 30 gram fire assay with a gravimetric finish. All samples that report Au grades in excess of 5.0 g/t Au are further submitted for screened metallic analyses using method Au-SCR21. Table 6

below details the repeatability of the gold values from McFadden rock samples using this procedure.

Multi-element analyses were completed using ALS Canada Ltd's ME-ICP61, 33 element ICP-AES method, which utilizes a four acid digestion. Over limit analyses are re-run on samples that exceed the upper thresholds in As, Co, Cu, Fe, Mo, Ni, Ag, S, Pb and Zn.

**Table 6: Repeatability of McFadden Gold Analyses**

Sample-ID	Au ppm <sup>2</sup>	Au ppm <sup>3</sup>	Screened Method		
			Total Au ppm	Fine Fraction	
				Au ppm <sup>4</sup>	Au ppm <sup>5</sup>
M979014	380.00	--	375.00	323.00	323.00
M979015	39.80	--	42.60	35.70	36.00
M979016	92.80	--	91.80	78.00	78.20
M979060	60.00	--	66.30	49.90	55.30
M979061	33.70	--	29.60	26.00	26.80
M979113	3.47	--	2.83	2.69	2.75
M979114	190.50	196.50	174.00	139.0	136.5
M981013	2.10	--	2.38	2.37	2.20

<sup>2</sup>Au analyses by fire assay method Au-Grav21 (Gravimetric Finish);

<sup>3</sup>Au analyses as part of Internal Laboratory Duplicate Program;

<sup>4</sup>First of two Gravimetric Finish analyses done for the Screened Metallic Analyses;

<sup>5</sup>Second of two Gravimetric Finish analyses on fine fraction of screened metallic Analyses. A significant portion of the gold reports to the fine fraction as shown by the Screened method.

General comments on the 2014 QA/QC program are as follows:

- Three (3) CGS-20 standards were submitted with the 2014 samples. All Au and Cu analyses fell within 2 standard deviations, with the exception of one Au analysis returning a value of 7.10 g/t Au. This analysis was accepted based on the fact that fell within 3 standard deviations of the expected value, and is a high quality standard.
- Three (3) ME-19 standards were submitted with the 2014 samples. All analyses (Au, Cu, Ag, Zn, Pb) fell within 2 standard deviations.
- Three (3) CM-15 standards were submitted with the 2014 samples. All analyses (Au, Cu, Mo) fell within 2 standard deviations.
- One (1) CGS-20a standard was submitted with the 2014 samples. The gold analysis fell within 2 standard deviations.
- Three field blanks were submitted with the 2014 samples. One of these, sample M979115, was a 'discretionary' blank that was intentionally placed after an exceptionally high grade sample that reported 190.5 g/t Au, to assess the carry-over from exceptionally high grade samples. This discretionary blank returned a gold value of 0.081 ppm, which indicates the carry-over from the 190.5 g/t Au sample is considered minimal and not significant as the other samples in that batch were also of high grade and from the sample area. The

analyses from the other two blanks fell below the 25 ppb Au threshold and are considered to be acceptable (Table 7).

**Table 7: Results of 2014 Field Blanks**

Sample ID	Ag ppm	Au ppm	Cu ppm	Mo ppm	Pb ppm	S pct	Zn ppm
M979115	0.25	0.081	60	0.5	1	0.09	1
M979195	0.25	0.001	2	0.5	2	0.005	13
M979245	0.25	0.0005	0.5	0.5	2	0.01	12

## **6.2 Field Sample Security and Chain of Custody**

Samples and sample tags were placed in individually labeled poly bags, which were then placed in labeled rice bags, sealed with zip ties for shipping.

One batch of samples were flown to Bob Quinn airstrip, where they were unloaded to await shipment to Terrace via Bandstra Transportation Systems Ltd. Samples were picked up by Bandstra the same day, with confirmation received from ALS Minerals in Terrace that all samples were received in good condition.

The second batch of samples, the higher grade McFadden samples were sent to the SnipGold Vancouver office where representative hand samples were removed from each samples and retained for future review. The remainder of each sample were sent to ALS Minerals in North Vancouver for preparation and analyses.

## **6.3 Lab Procedures**

### **6.3.1. Sample Lab Procedures**

Upon receipt of the rock samples at the ALS preparation laboratory at Terrace, B.C., the samples were oven-dried at 60°C., followed by fine crushing to more than 70% passing a 2mm (Tyler 9 mesh) screen. A split of up to 1kg was taken followed by pulverization to greater than 85% passing a 75 micron (Tyler 200 mesh) screen. The resulting sample pulp was then sent to ALS Minerals analytical laboratory in North Vancouver, B.C. for analysis. The procedure codes and descriptions are listed in the following table.

**Table 8: Rock Sample Lab Procedure**

<b>Prep/Analytical Code</b>	<b>Description</b>	
PREP-31B	WEI-21	Received Sample Weight
Log-22d	Sample Login- Received w/o Bar Code	
PUL-32d	Pulverize Split – Dup 85% <75um	
PUL-QC	Pulverizing QC Test	
CRU-31	Fine crushing- 70% <2mm	
CRU-QC	Crushing QC Test	
SPL-21	Split 1kg sample- riffle splitter	
PUL-32	Pulverize 1000g to 85% < 75um	
PUL-QC	Pulverizing QC Test	
Au-ICP21	Au by fire assay and ICP-AES. 30g nominal sample weight.	
Au-GRA21	Au by fire assay and gravimetric finish. 30g nominal sample weight	
Au – SCR21	Au Screen Fire Assay – 100 to 106um	
ME-ICP61	33 elements four acid ICP-AES	
ME - OG62	Ore Grade Elements – Four Acid ICP-EAS	
Ag – OG62	Ore Grade Ag – Four Acid Variable Instrument	
Cu – OG62	Ore Grade Cu – Four Acid Variable Instrument	
As – OG62	Ore Grade As – Four Acid Variable Instrument	
S – OG62	Ore Grade S – Four Acid Variable Instrument	
Au-AA25	Au 30g FA – AA finish	

## **7. INTERPRETATION AND CONCLUSIONS**

Exploration work completed on the property between August 6<sup>th</sup> and 14<sup>th</sup>, 2014 was limited to prospecting and the collection of grab samples at two areas of interest, as well as re-logging and sampling one historic drill hole, SK89-700.

The first area of interest explored in 2014, McFadden, and the work carried out there was a follow-up to the 2013 program. The intention was to better define the area of high-grade gold-bearing boulders, and to better define both the host rock and to determine the likely genetic model for the mineralization at McFadden.

The second area prospected in 2014 was approximately 2 km to the south of McFadden, where earlier in the summer of 2014 government geologists from the Ministry of Energy and Mines (“MEM”) identified an important regional thrust fault zone known as the “Sky Fault System” traversing the area known as Upper Groove Ridge on the southern slope of Johnny Mountain (Figure 5).

A total of 55 grab samples were collected in 2014; 11 samples from McFadden and 44 samples from the Upper Groove Ridge area. A total of 88 samples were collected from the historic drill hole SK89-700, a flat lying drill drilled under the McFadden Float Zone area. In addition, during this period a drill crew was brought in to demobilize the diamond drill being stored on site that was used during the last drill program SnipGold had completed on the property.

### **7.1 McFadden Float Zone**

The McFadden Float Zone is located upslope of and 300 m beyond the most northerly workings in the Johnny Mountain Mine. The area is described as a lateral moraine along the west side of Johnny Glacier containing a significant portion of highly altered and mineralized material which is noticeably limonite stained (Richards, 2005). The undiscovered source of the float is believed to be beneath Johnny Glacier, immediately up slope to the south east.

First discovered by prospectors in 1960, McFadden was not worked on again until the 1980's, where various operators returned significant gold values from rock, till and soil samples. During this period, a total of 9 holes were drilled, encountering ice thicknesses of 35-60 m, and moraine thicknesses of 2-48 m. Underlying bedrock consisted of Hazelton Group volcanics, with no significant alteration, mineralization nor faulting and no anomalous assays reported (Richards, 2005).

The source of the gold-bearing float is considered to be a gold shear-vein system beneath the southern arm of Johnny Glacier. Work in 2014 suggests that the orientation of the vein system is most likely north-westerly, parallel to the Snip Mine shear system.

A total of 11 rock samples were collected in the McFadden Float Zone area, in follow up to sampling completed in 2013. All but one sample assayed in excess of 1 g/t Au,

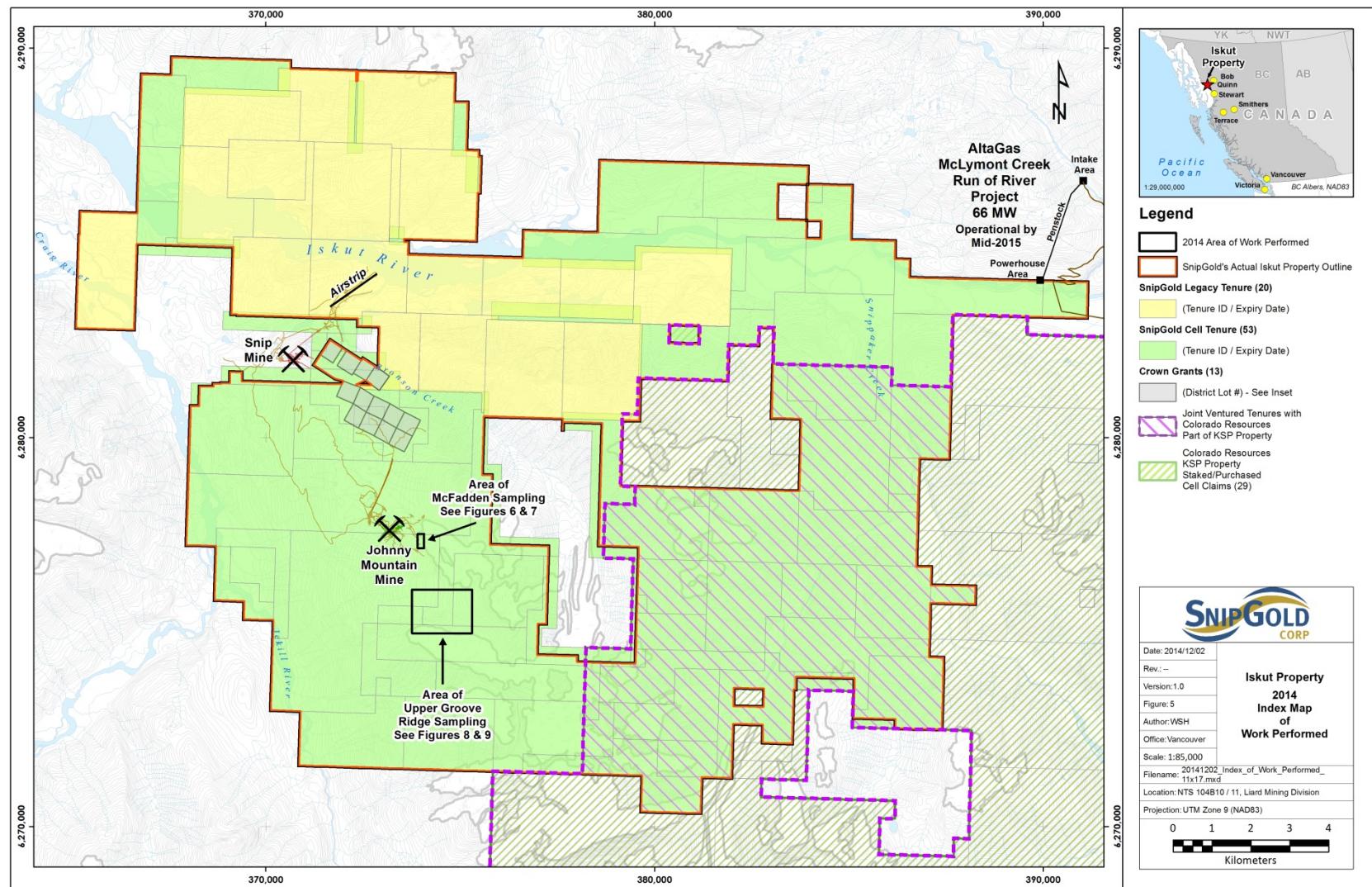
with the highest gold value reporting 380 g/t Au and the same sample reported 59.4 g/t Ag.

Sample locations for 2014 work are shown in Figure 6, with their corresponding Au assay values posted in Figure 7. A full listing of the samples and their descriptions can be found in Table 9.

All 2014 high grade samples from McFadden display a consistent geological signature with the host rock being a light to medium grey conglomerate with well-rounded, matrix-supported clasts. The matrix displays hornfels alteration, is strongly sheared, and has moderately well-developed linear fabric. The matrix has also undergone considerable pyrite replacement. The geology indicates that the McFadden mineralization is structurally controlled with the likely genesis similar to that of the Snip Mine mineralization, rather than a VMS style deposit like Eskay Creek.

2014 work included an interpretation of the Company's most recent orthophotos, which suggests a southeasterly dipping alteration zone with a sharp footwall contact at the head of the glacier carrying the McFadden boulders. This structure is interpreted to strike under the glacier directly upslope of the McFadden Float Zone. This structure is projected to trend at roughly 120 degrees azimuth, an orientation similar to the Twin Zone at the past producing Snip Mine located 5km west-northwest of McFadden.

Early drill programs exploring for the bedrock source of McFadden tested the lower elevations of the glacier and were typically oriented at an azimuth perpendicular to the 060 trending structures at the Johnny Mountain Mine. The possibility of McFadden having a Snip-style orientation, of 120 degrees azimuth, was not sufficiently tested by the early work.



**Figure 5: 2014 Index Map of Work Performed**

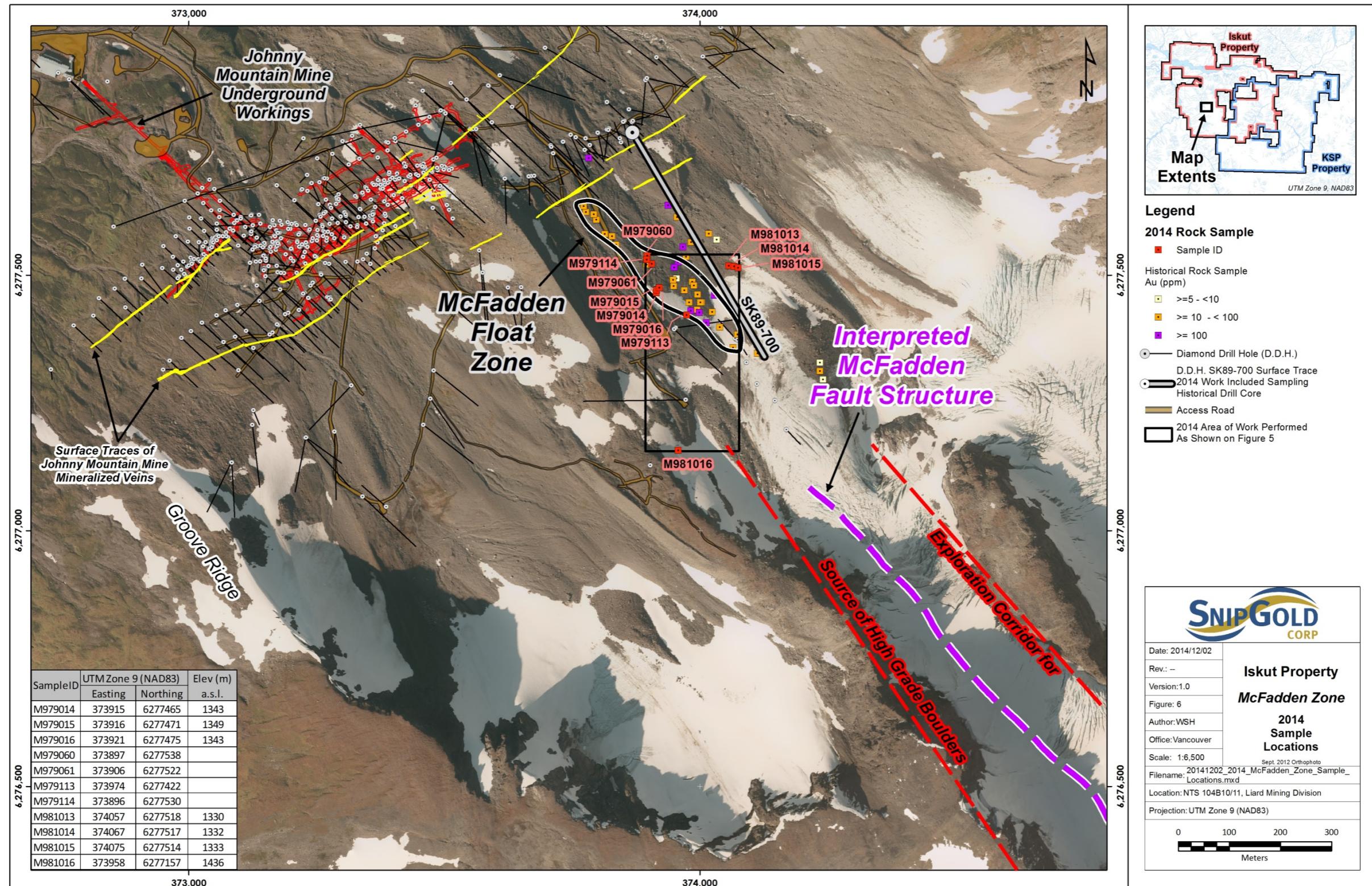


Figure 6: 2014 McFadden Zone Sample Locations

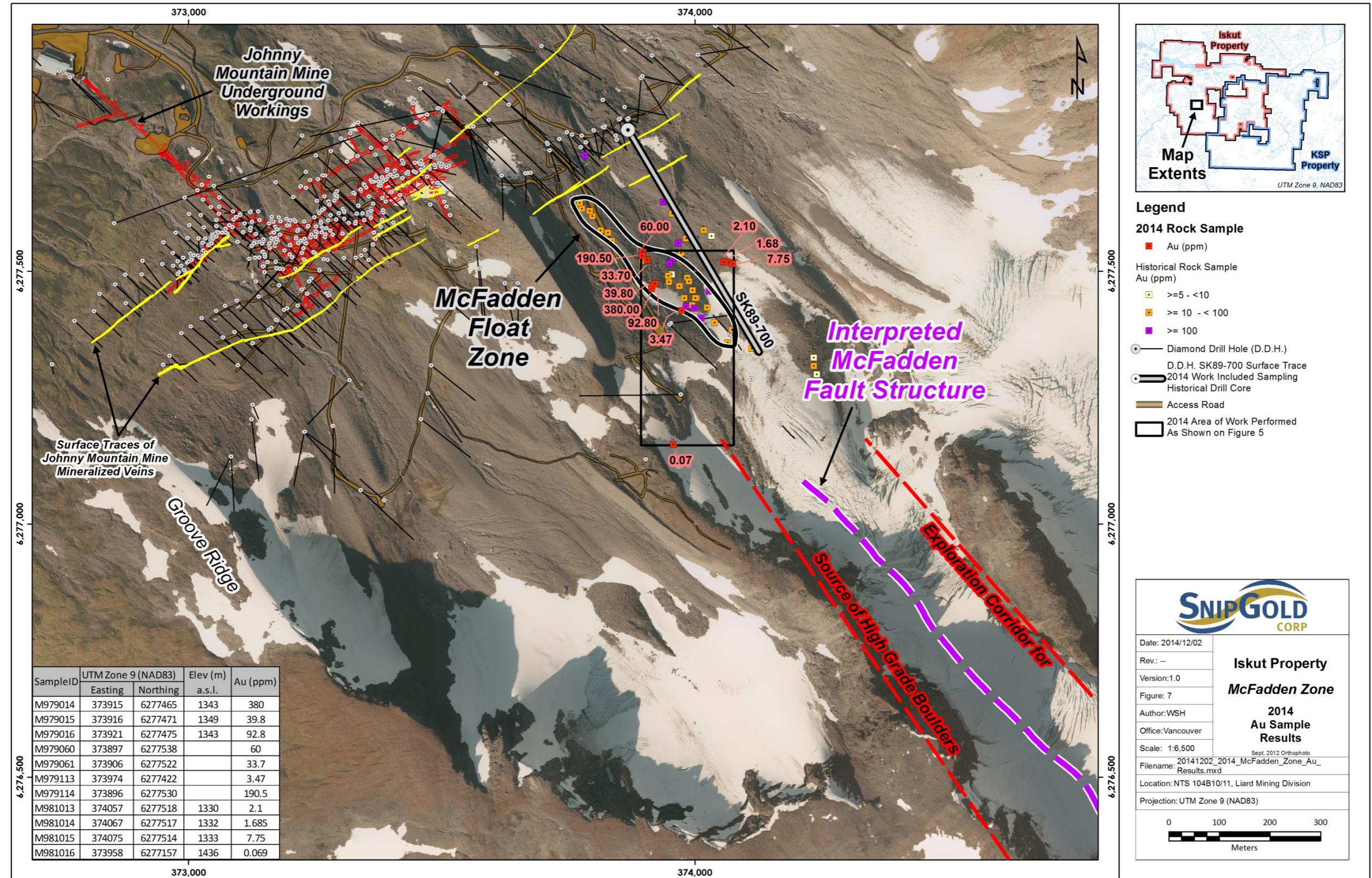


Figure 7: 2014 McFadden Zone Au Results

**Table 9: 2014 McFadden Float Sample Descriptions**

SampleID	Description / Comments
M979014	Chert Pebble Conglomerate - CPC(?) Clasts are cm-scale rounded very light gray. Matrix is fine grained weakly sheared med-gray very siliceous and contains 30-60% Py. Portion sent to lab had higher range of Py content. Well developed gossanous weathering surface. Py is weakly oxidized. Matrix also hosts moderate chl and biotite alteration. Weakly developed slickensides on weathered surfaces, rock is hard and very competent. <u>Boulder is moderately well rounded and several Dm in diameter.</u>
M979015	Medium dark gray slight purple hue in matrix likely from moderately well formed biotite alteration. Rock is very competent highly siliceous with localized weak to moderate shear fabric. 20-60% network of pyrite that is generally concentrated in cm scale occurrences if clotty and disseminated grains with apparent and subtle bias to be oriented parallel shear fabric, although Py emplacement seems to be late in the shear history if not post shearing. Matrix is very fine grained and looks hornfelsed with classic purple biotite alteration noted.
M979016	Medium dark gray matrix hosts rarely identifiable light gray rounded clasts - likely Chert Pebble Conglomerate. Matrix is very siliceous and has a moderate purple hue suspect to be Hornfels Biotite. Rock hosts moderate to well developed shear fabric that occasionally traverses light gray clasts. 40-60% clotty networks of Py that roughly follows shear fabric although Py is not sheared - if Py is related to the shearing episode(s), it is very late in that/those event(s). Weathered surface displays well developed slickensides. Rock seems to carry a strong linear fabric although mineral grains are very fine grained and linear fabric is more displayed by the fracture patterns on weathered surface - deformation looks more plastic rather than brittle failure. Sulphide concentrations also seem to display a subtle association with a linear orientation - hard to be certain with hand samples, would be more confident if found in out crop.
M979060	Light to med gray matrix looks very similar to other samples logged as chert pebble conglomerate hand sample displays cm- to several mm-scaled clasts clasts are very siliceous with matrix nearly completely replaced by Py. Unit has a weakly-to-moderately well developed shear fabric with Py often loosely following general trend of shear fabric. Py clusters, clots and stringers also cross cut fabric. Py is typically euhedral mm-scale grains and pin-head sized grains. Denser matts of py also occur as matrix replacement. Clasts hosts ~7% fine grained disseminated Py. Overall rock hosts 40% Py
M979061	Very similar to M979060 with weaker shear fabric and 30% Py.
M979113	Siliceous rock with disseminated & pyr. veins. Light gray strongly sheared highly altered unit. Moderate chlorite alteration. Py as distinct cm-scale clotty clusters that roughly parallel shear fabric. Py content in bands make up to 80% of band with balance made up for quartz. bands make up 30-40% of rock. Protolith moderately soft on shear planes (Chlorite?) and slickensides common on failure planes when rock is broken.
M979114	Massive sulphide rock dominantly pyr +/- cpy? Rock comprised of 85-95% clotty and grainy Py. Wall rock difficult to isolate and comment on due to such high Py content. Py is concentrated in clusters and patches that look to follow a weakly preserved shear fabric. Wall rock is very fine grained - as per most McFadden samples collected this year, Py exhibits a subtle preferred orientation of its clotty masses roughly following shear fabric, Py does not look sheared nor does it display any strain in growth - see what polished and thin sections indicate, but hand specimens do not suggest any strong shear control at play when sulphides were precipitated.

SampleID	Description / Comments
M981013	Medium Light gray siliceous felsic rock. Moderate limonite stain on weathered surface 5-7% disseminated euhedral Py grains 2mm med-dark gray quartz veinlets hosting less py than contained in wall rock. Moderately well developed shear fabric with no obvious preferred occurrences of Py. Py is post shearing. Rare occurrences of Py-Qtz veinlets cross cutting shear fabric. Veinlets host 60-20% Py
M981014	Very dark gray-green very fine grained unit with weakly developed platy shear planes. Most likely an intermediate to mafic intrusive/volcanic. Does not have any characteristics indicating it to be a hornfelsed sediment - fine grained nature makes it difficult to determine protolith. 3-5% very fine grained Py, rare 3-5mm irregular py rich veinlets crudely parallel weak planar fabric.
M981015	Very dark green to black very fine grained int to mafic intrusive/volcanic. 5-7% very fine grained Py disseminated throughout. No preferred association with weak planar fabric similar to M981014 . Rare 2mm qtz-limonite veinlets with very irregular trends of contorted veinlets that do display consistent veinlet thicknesses. Veinlet trends suggest a strong linear fabric to dilatancy during veinlet emplacement. Rock fractures on preferred planes suspect to be a moderately well formed fabric.
M981016	Medium to light gray very siliceous unit with 2-25% Py. Highest Py content is concentrated near fracture/shear planes filling <0.5cm sized

## **7.2 Upper Groove Ridge – Gossan Anomaly**

A series of traverses were made over an extensive gossan located to the south of McFadden, on the southern slope of Johnny Mountain, known as the “Upper Groove Ridge” area. This area was selected for reconnaissance level work following discussions in the field with government geologists Joanne Nelson and Jeff Kyba from the Ministry of Energy, Mines (“MEM”).

Ms. Nelson and Mr. Kyba were on the property at the time of the field program, undertaking a mapping project in the immediate area of the Iskut and KSP properties. They identified a major regional fault system, called the “Sky Fault System” extending some 20 km along a northwesterly strike direction; its more northern portion traversing the Upper Groove Ridge area and dipping to the northeast (per. comm.). This thrust system is believed to have played a significant role in the mineralizing events in the area, and given the 100% exposure of the Upper Groove Ridge area above the tree line, and the extensive gossan observed from the air and orthophotos, it was prioritized for reconnaissance level prospecting. It should be noted that there has been no previous work reported in the area and the SnipGold archives has no reference to work in this area.

The area of the gossan of interest, approximately 400 m by greater than 1 km, exhibits intense alteration and very well developed shear fabric. A total of 44 rock samples were collected. Their locations and corresponding Au assay values are posted in Figures 8 and 9. Sample descriptions are provided in Table 10 below.

Only four of the collected samples assayed in excess of 100 ppb Au, with the highest gold value reporting 0.385 g/t Au. This suggests that although there was likely high hydrothermal fluid flow, there was weak mineralization in this locale. The elevated gold values correlate with an increase in secondary silica content.

**Table 10: 2014 Upper Groove Ridge Float Sample Descriptions**

SampleID	Description / Comments
M979001	Felsic unit, highly siliceous, strong shear fabric, Very well developed gossanous oxidation on weathered surface. 5-7% disseminated Py.
M979002	Felsic unit, highly siliceous, strong shear fabric, Very well developed gossanous oxidation on weathered surface. 5-7% disseminated Py.
M979003	Med-light gray unit, moderately well developed shear fabric, gossanous oxidation on weathered surface. Fe-Carbonate veinlets are common, 3% disseminated Py, trace euhedral galena(?)
M979004	Med-light gray unit, moderately well developed shear fabric, gossanous oxidation on weathered surface. Fe-Carbonate veinlets are common, 3% disseminated Py.
M979005	Med-light gray unit, moderately well developed shear fabric, gossanous oxidation on weathered surface. Fractures typically contain moderately well developed pale-yellow oxidation. 2-5% disseminated Py.
M979006	Med-dark brown-gray Chert Pebble Conglomerate (CPC?), rock is fractured, silicified, hosts 2% Py and has a pitted/vuggy weathered surface suspected to be a product of weathered Fe-Carbonate.
M979007	Similar to samples M979007-005 with 2% Py. Taken at same location as sample M97008
M979008	Taken at same location as sample M97007. Rock is light to med gray Chert Pebble Conglomerate (?) CPC, with minor shearing and 2% Py. Rock is likely wall rock that hosts the altered sample M979007
M979009	Very light gray unit, moderately well developed shear fabric, gossanous oxidation on weathered surface. Fractures typically contain moderately well developed pale-yellow oxidation. 2-5% disseminated Py.
M979010	Very light gray felsic unit, very well developed shear fabric, well developed orange oxidation on weathered surfaces as well as on fracture and shear planes <=2% disseminated Py.
M979011	Fe-Carbonate vein hosted by Chert Pebble Conglomerate. Host rock is very siliceous and similar to samples M979009-010. 7% disseminated Py within Fe-Carbonate vn.
M979012	Very dark green, Andesite? Little alteration, 7-10% Py
M979051	Small outcrop amongst lots of float. The rock is light grey and very siliceous and shows moderate shearing. Oxidized along fractures. ~2% very fine grained pyrite
M979052	All of the float in the area appears to be felsic. It has orange-red oxidation. The fresh surface is light grey. ~2% pyrite
M979053	The large boulders are moderately to strongly oxidized on fractures. Rock is very silicified and sheared. Light grey colour. Rocks are angular. ~2 to locally 5% very fine grained disseminated pyrite. A vfg silver mineral that may be arsenopyrite
M979054	The rocks in the area are moderate to strongly oxidized rocks and boulders. The rocks are angular. On a fresh surface the rocks are light grey to grey, strongly to moderately siliceous and moderately sheared. ~5% very fine grained pyrite, possibly trace sphalerite and arsenopyrite.
M979055	This area of float has abundant pieces with strong oxidation. The rocks are light grey on a fresh surface and very siliceous with strong oxidation along fractures and are sheared. The rocks are angular. ~2% pyrite in most of the samples observed
M979056	The oxidation of the rocks appears to be mostly pervasive through the rocks observed. On a fresh surface the rocks are light grey to grey with moderate to strong oxidation along fractures. Oxidation is red-brown to orange-brown. ~1% very fine grained pyrite.

SampleID	Description / Comments
M979057	There are several large angular boulders. The boulders are dark grey to dark brown on the surface with some quartz veining running through them. The rocks appear to be hornfelsed with purplish biotite giving it a purple-brown colour on the fresh surface. There is a greater abundance of sulphides associated with some of the veining in the boulders but not always. The rocks are locally siliceous. The quartz veins appear to be unmineralized. ~2% very fine-grained, disseminated pyrite in the hornfels generally. 5-10% fine-grained pyrite locally near some of the veins. Possible trace sphalerite around some of the pyrite
M979058	These rocks are smaller than the ones observed previously with few boulders. These samples are more weakly hornfelsed with a dark grey to purplish grey colour on the fresh surface. They are locally silicified. 1-2% pyrite
M979059	The surface is black with red-brown oxidized euhedral pyrite. On the fresh surface the rock is hornfelsed w/ the purple biotite to a dark grey to greyish-purplish-brown colour. ~5% pyrite
M979101	Med grey coloured with discernable clasts, gossanous surface weathering and dissem. Py - 2-5%
M979102	Light grey highly siliceous gossanous breccia - 10% py
M979103	Light grey siliceous breccia with 5-7% euhedral py, gossanous
M979104	Med-light gray, weak buff-purple hue developed suspected to be biotite alteration. Unit is very siliceous and very fine grained. 7-10% disseminated Py as typically very fine grained grains, or less commonly (~2%) as mm scale euhedral grains. Py does not show any preference to occur with weakly developed planar fabric - shear fabric(?) Surface weathers a deep orange-brown, some fractures are coated with a light yellow oxidation mineral. Rock is very competent.
M979105	Strongly sheared gossanous felsic rock in larger boulder field with 10% fn py
M979106	Sheared gossanous silicified light grey to yellow rock with py blebs & dissem 5-7%
M979107	Gossanous sheared siliceous rock 5-7% py
M979108	Siliceous med grey coloured rock with 2-5% py dissem to blebby, fn-med grained
M979109	As M979104, with 5% Py and weakly developed slickensides on deeply weathered surfaces. Rock is competent.
M979110	Dark green to black mafic rock with blebby cs pyrite - 2-5% (andesitic)
M979111	Gossanous hydrothermal intrusive breccia 2-5% disseminated blebby py, minor malachite staining
M981001	Silicified rock with 5% dissem py, gossanous weathered surface
M981002	Silicified rock with 15% mottled py blebs (dark grey against white), gossanous weathered surface
M981003	Light grey silicified rock with 5% py +/- cpy?, gossanous weathered surface
M981004	Light grey silicified rock with 2-5% py, gossanous weathered surface
M981005	Light grey silicified rock with 2-4% py, weak mottled texture, weathered gossanous surface
M981006	Strongly gossan altered siliceous rock with 5-7% mostly oxidized py, dissem & med grained
M981007	Med-dark grey silicified (weak shear fabric?) intrusive? rock with 7-10% py
M981008	Med grey silicified breccia with 5-7% py, gossanous weathered surface
M981009	Silicified rock with 2% dissem py & late qtz veining, gossanous weathered surface
M981010	Silicified rock with 5-7% mottled py blebs/dissem, gossanous weathered surface
M981011	Light grey silicified (breccia?) with 3-5% dissem & blebby py (replacing clasts?), gossanous weathered surface
M981012	Buff-orange coloured weathered felsic intrusive with 2-4% dissem py, tabular blocks, boring looking

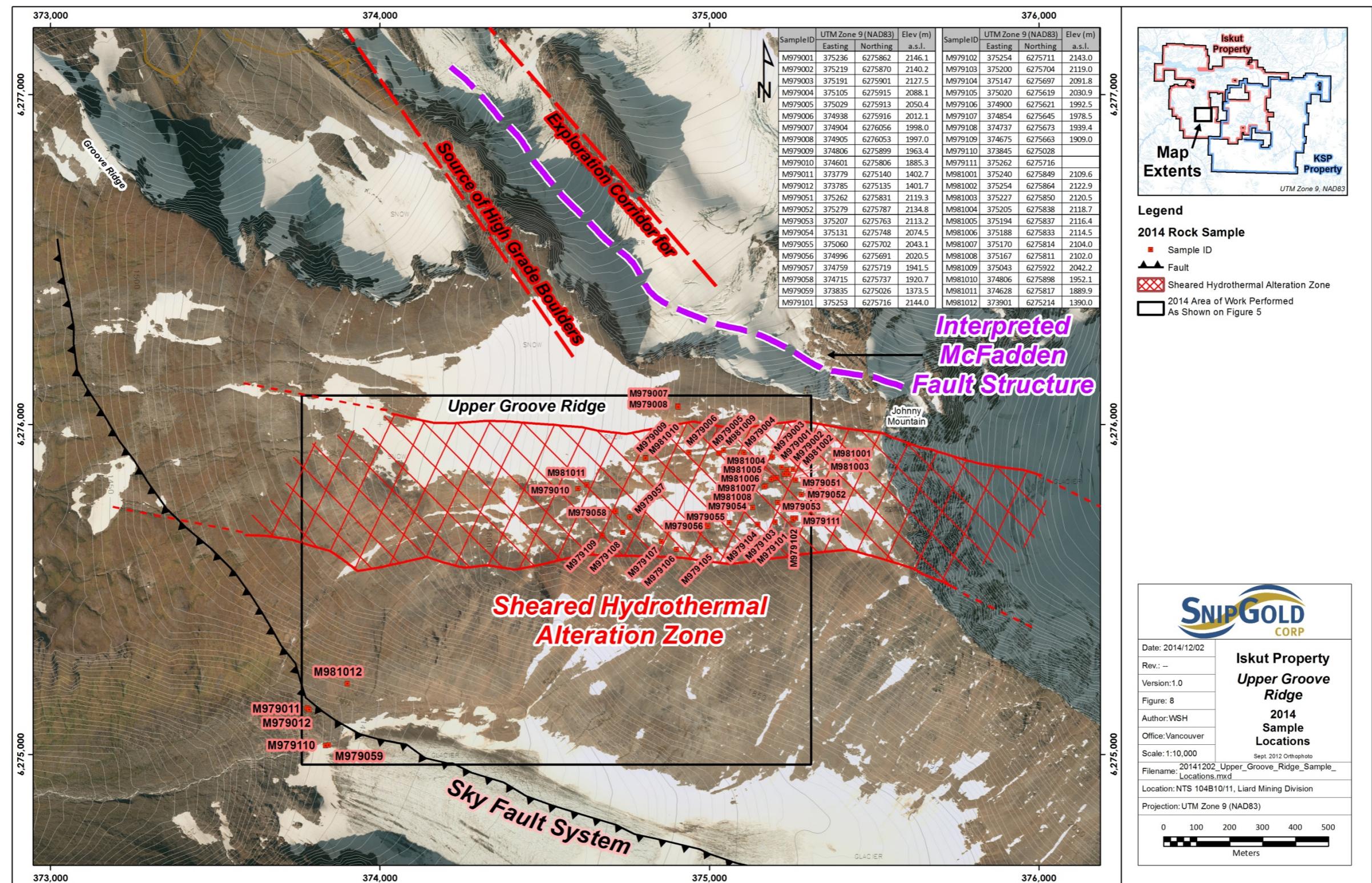


Figure 8: 2014 Upper Groove Ridge Sample Locations

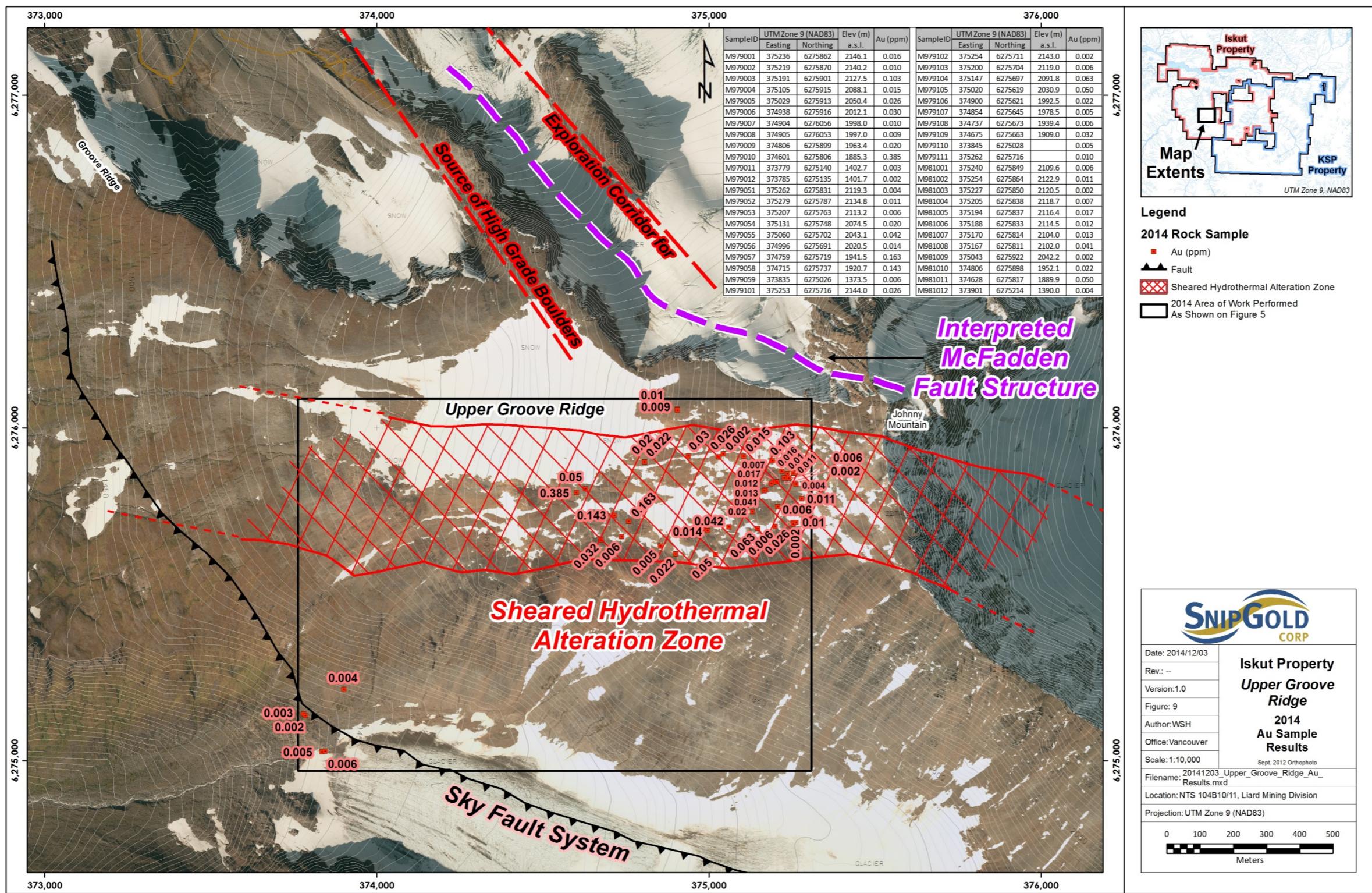


Figure 9: 2014 Upper Groove Ridge Au Results

### 7.3 Historical Drill Hole SK89-700

Drill hole SK89-700, a surface diamond drill hole completed in 1989 was collared as a near horizontal hole (+0.8° inclination) at the foot of the McFadden Float Zone, and was drilled to a down hole length of 508.7 m (Figure 6 and 7). This drill hole was selected for re-logging given some encouraging results from selective sampling in 1989. The only information available was assays and a summary log found in Skyline's PC Explore database listing rock codes with no intelligible legend.

Since no detailed drill log was preserved for this hole nor were any historical photographs available, the hole was selected for re-logging and for additional sampling in 2014. The main objective during re-logging SK89-700 was to review the alteration and mineralization to:

- a) Determine the character of the footwall zone of the Johnny Mountain Mine Trend,
- b) To test for porphyry style mineralization and alteration as suggested by a large radial magnetic high to the immediate north of the drill hole,
- c) To determine if the strong hornfels alteration common to the high grade McFadden float is present in an area considered to be well down slope of the source of these high grade boulders.

Historic sampling of this hole was highly selective with samples collected from a total of 36.5 m of the 508.7 m hole length, and the analytical work was limited to gold analysis. Much of this early sampling removed the full core for analysis, therefore several of the intervals no longer have representative core available. The following historic assay results warranted follow-up work:

**Table 11: Historic Composite Assays for Hole SK89-700**

From (m)	To (m)	Int (m)	Au g/t*	Rock Type
46.06	50.29	4.23	0.272	Feldspar Porphyry
62.79	74.62	11.83	0.387	Conglomerate
205.74	211.84	6.10	0.291	Feldspar Porphyry + Volcaniclastics

\*Historic assays are part of the Company's exploration data archive and these data have not been verified by the Company's Qualified Person.

**Table 12: Basic Statistics on Historic Assay Values for Hole SK89-700**

Rock Type	Sample Count	Cumulative Sample Length (m)	Average Sample Length (m)	Min. Au g/t*	Max. Au g/t*	Avg. Au g/t*
Conglomerate	18	14.27	0.79	0.069	0.891	0.366
Feldspar Porphyry	17	13.21	0.78	0.034	0.960	0.311
Volcaniclastic	11	9.02	0.82	0.137	0.789	0.377

\*Historic assays are part of the Company's exploration data archive and these data have not been verified by the Company's Qualified Person.

The historic core was successfully located at a core storage area on Johnny Mountain. Deemed to be in good to moderate shape, it was bundled and flown down the mountain to the core logging facility at Bronson Strip. A number of boxes were partially rotted and required re-boxing.

The resulting cross section, drill log and magnetic susceptibility readings can be found in Appendix III.

The 2014 re-logging of hole SK89-700 identified three main lithological packages, all believed to be part of the Jurassic Hazelton Group:

- The first 120 m of the hole:
  - o Dominated by two wide intervals of feldspar porphyry and conglomerate
  - o The porphyry units are commonly brecciated and very well healed; alteration assemblage is chlorite-biotite-quartz, with disseminated and fracture filling pyrite making up 2-5% of the rock.
  - o Conglomerate units display matrix supported felsic clasts with weakly developed pyrite replacement in the matrix. Clast size in conglomerate is larger than those occurring in the McFadden boulders.
- From 120 to 270 m:
  - o Dominated by wide intervals of andesitic volcaniclastics and feldspar porphyry.
  - o Porphyry units are similar to first 120 m of hole
  - o Volcaniclastics are andesitic in composition and display weak to locally moderate biotite-chlorite alteration with patchy calcite flooding and veinlets. Trace to 2% pyrite, rarely up to 10-15%.
- Below 270 m:
  - o Dominate by andesitic volcaniclastics with minor feldspar porphyry.
  - o Volcaniclastic units are similar to those up-hole, with trace to 2% millimeter scale clots of magnetite. Units below 390 m are commonly broken, fractured and faulted with fault planes commonly oriented sub-parallel to core axis.
  - o Feldspar porphyry alteration and mineralization is similar to upper units, but less well developed and less common.

A total of 88 half-core samples were collected from drill hole SK89-700 in 2014. Only 19 samples assayed above 10 ppb Au, with a maximum value of 32 ppb Au; 21 samples assayed between 50 and 370 ppm Cu; 33 samples assayed between 200 and 2,140 ppm Zn.

Although metal values are very low in the 2014 samples, a reasonable correlation is noted with elevated gold, copper and zinc values. A negative correlation is noted between gold and barium, and the negative correlation is most pronounced in the conglomerate units.

The 2014 results from logging and assaying SK89-700 indicate the conglomerate is a preferred host rock for the mineralization. It is likely the ductility contrast between the competent clasts and less competent finer grained matrix that allowed for the matrix in the unit to fail under the shear stress associated with the high grade mineralizing event(s). Of particular note is the weaker hornfels alteration in the conglomerate units in hole SK89-700 in comparison to those at McFadden. In general, the alteration in the drill hole becomes weaker down hole and supports the belief that the source for the McFadden high grade gold-bearing boulders is well up slope.

The alteration sequence and moderate positive correlation among gold-copper-zinc suggest the radial magnetic high may be related to porphyry-style mineralization. The area is considered prospective for a porphyry-style target. Future work should also consider that the Jurassic-Triassic unconformity that may also have a thrust fault component to it which may have truncated the top of a porphyry-style target. The style of faulting noted below 390 m in SK89-700 suggest flat lying faults which may be part of the proposed thrust event(s).

#### **7.4 Diamond Drill Demobilization**

The diamond drill used in the 2012 exploration program had been left on site, with the intention of using it for future drill programs. With low operating budgets in 2013 and 2014, there was no chance to conduct any drilling, and given that the drill was needed elsewhere, it was agreed that the drill would be demobilized as per the original drill contract. Drill crew from No Limit Diamond Drilling were on site to pack up and move the drill, rods and ancillary equipment via Nomad Air's Skyvan from Bronson Creek to Bob Quinn airstrip.

The drill demobilization occurred on August 12<sup>th</sup>-13<sup>th</sup>.

### **8. RECOMMENDATIONS**

The 2014 exploration program, although brief due to budgetary constraints, was successful in completing both follow up and reconnaissance level investigations of two areas of interest on the Iskut Property.

Follow up prospecting and sampling at McFadden again confirmed the extremely high grade nature of the boulders being shed from the Johnny Mountain Glacier. The highly strained texture of the high grade boulders, suggest a large structurally controlled system that is carrying the mineralization, and it is noted that the high grade gold mineralization is closely related to at least one rock type, the conglomerate unit(s). Only minor work is required to classify the McFadden target to drill ready status. Additional prospecting and geological mapping of the stratigraphy along the margins of the glacier, well upslope on Johnny Mountain is recommended. Special attention should be paid to identifying conglomerate horizons and structural features. Due to the steep terrain and ice, a geologist with strong mountaineering skills would be required for some of this follow-up work.

Reconnaissance-level prospecting at Upper Groove Ridge on the southern flank of Johnny Mountain confirmed a large-scale shear zone, identified by government geologists on site during the field program. The large gossan anomaly hosts brecciated and sheared hydrothermally altered felsic rocks with dominantly disseminated pyrite ranging between 2-10%. Assay results indicate the area prospected did not host strong mineralization, with the highest assay reporting a gold grade of 0.385 g/t.

Additional prospecting and geological mapping is recommended in the area to better understand the Sky Fault System and other related structural features that may have hosted

significant mineralization events. Historic records should be searched to locate any previous work conducted on the ground. Close discussions with government geologists Joanne Nelson and Jeff Kyba should be maintained as their assistance and insight is invaluable. Their efforts are greatly appreciated.

## **9. REFERENCES**

- ALLDRICK, D.J., BRITTON, J.M., MACLEAN, M.E., HANCOCK, K.D., FLETCHER, B.A., and GIEBERT, S.N. 1990. Geology and Mineral Deposits – Snippaker Area. B.C. Ministry of Energy, Mines and Petroleum Resources Open File Map 1990-16.
- ANDERSON, R.G. 1989. A stratigraphic, plutonic, and structural framework of the Iskut River Map Area, northwestern British Columbia; in: Current Research, Part E, Geological Survey of Canada, Paper 89-1E, p. 145-154.
- BRITTON, J.M., FLETCHER, B.A. and ALLDRICK, D.J. 1990. Snippaker Map Area (104B/6E, 7W, 11E); BC Ministry of Energy, Mines and Petroleum Resources, Paper 1990-1, pages 115-126.
- BURGESS, J.L., 2013. Assessment Report on Diamond Drilling Work Performed During the 2012 Field Season on the Iskut River Property.
- BURGESS, J.L., 2014. Assessment Report on Prospecting Work Performed During the 2013 Field Season on the Iskut River Property.
- FLETCHER, B.A., and HIEBERT, S.N. 1990. Geology of the Johnny Mountain Area. B.C. Ministry of Energy, Mines and Petroleum Resources Open File Map 1990-19.
- LEFEBURE, D., and GUNNING, M. 1989. Geology of the Bronson Creek Area. B.C. Ministry of Energy, Mines and Petroleum Resources Open File Map 1989-28.
- METCALFE, P. and MOORES, J.G. 1993. Refinement and Local Correlation of the Upper Snippaker Ridge Section, Iskut River Area, B.C. (104B/10W and 11E), BC Ministry of Energy, Mines and Petroleum Resources, Paper 1993-1, pages 335-340.
- MIHALYNUK, M.G., LOGAN, J.M. AND ZAGOREVSKI, A. AND JOYCE, N. 2011. Geology and Mineralization of the Hoodoo Mountain Area (NTS 104B/14E); BC Ministry of Energy, Mines and Petroleum Resources, Paper 2011-1, pages 37-64.
- MIHALYNUK, M.G., LOGAN, J.M. AND ZAGOREVSKI, A. 2011. East Hoodoo Mountain – Iskut River Geology (NTS 104B/14E, 11NE); BC Ministry of Energy and Mines, Open File 2011-4, 1:50,000 scale map.
- NELSON, J., KYBA, J. 2014. Personal Communications at Bronson Creek.
- RICHARDS, G.G., 2005. Technical Report on the Iskut Property, Iskut River, Northern BC.
- RHYS, D.A. 1995. The Red Bluff gold-copper porphyry and associated precious and base metal veins, northwestern British Columbia, in Porphyry Deposits of the Northwestern Cordillera of North America; Canadian Institute of Mining, Metallurgy and Petroleum, Special Volume 46, Schroeter, T.G. editor, p. 838 - 850.
- YEAGER, D.A., 2012. Assessment Report on the Geochemical, Geophysical and Diamond Drilling on the Work Performed During the 2011 Field Season on the Iskut River Property.

## **APPENDIX I : SIGNATURE PAGES**

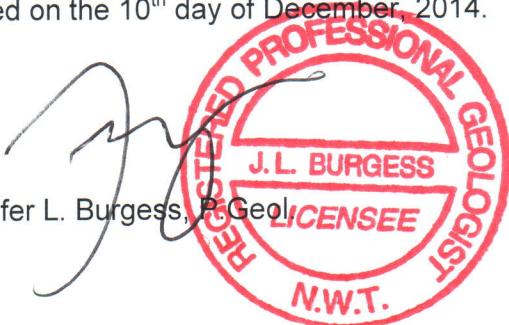
## Certificate of Author

I, Jennifer L. Burgess do hereby state:

- (1) That I am a consulting geologist with my office located at 5674 Annex Road, Sechelt, BC V0N 3A8.
- (2) That I am a member of the Association of the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists holding License Number L1070.
- (3) That I am a graduate of Queens University (BScH., 1992) and have been employed as an exploration and mining geologist since that time.
- (4) That my experience has given me considerable knowledge in geological, geochemical and geophysical exploration techniques as well as in the planning, execution and evaluation of exploration programs.
- (5) That I am an author responsible for the preparation of the Assessment Report titled "Assessment Report on Prospecting Work Performed During the 2014 Field Season on the Iskut River Property" for SnipGold Corp. (formerly Skyline Gold Corporation), dated December 10, 2014. I worked on the Iskut Property during the 2014 field program.

Signed on the 10<sup>th</sup> day of December, 2014.

Jennifer L. Burgess, P.Geo.



## Certificate of Author

I, John Zbeetnoff do hereby state:

- (1) That I am the President and CEO of SnipGold Corp. with an office address of Suite 904 – 409 Granville Street, Vancouver BC, Canada V6C 1T2.
- (2) That I am a member of the Association of Professional Engineers and Geoscientists of British Columbia holding License Number 121139.
- (3) I am a member in good standing of other technical associations and societies, including:
  - Fellow of the Geological Association of Canada.
  - Member of the Canadian Institute of Mining and Metallurgy.
  - Member of the Society of Economic Geologists
- (4) I hold the following academic qualification:  
B.Sc., Geology, University of Saskatchewan, 1985.
- (5) I have worked as a Consultant in the minerals industry for over 29 years on a variety of mine production and exploration projects with junior mining and mid-tier production companies. My experience includes resource modeling and resource estimate calculations, and exploration ranging from grass roots to advanced multi-drill programs. I have worked on precious and base metal projects in a variety of geological settings in Canada, the United States, Western and Southern Africa, Mexico, and in South East Asia.
- (6) That I am a co-author with Jennifer L Burgess, responsible for the preparation of the Assessment Report titled "Assessment Report on Prospecting Work Performed During the 2014 Field Season on the Iskut River Property" for SnipGold Corp. (formerly Skyline Gold Corporation), dated December 10, 2014. I worked on the Iskut Property during the 2014 field program.

Signed on the 10<sup>th</sup> day of December, 2014.



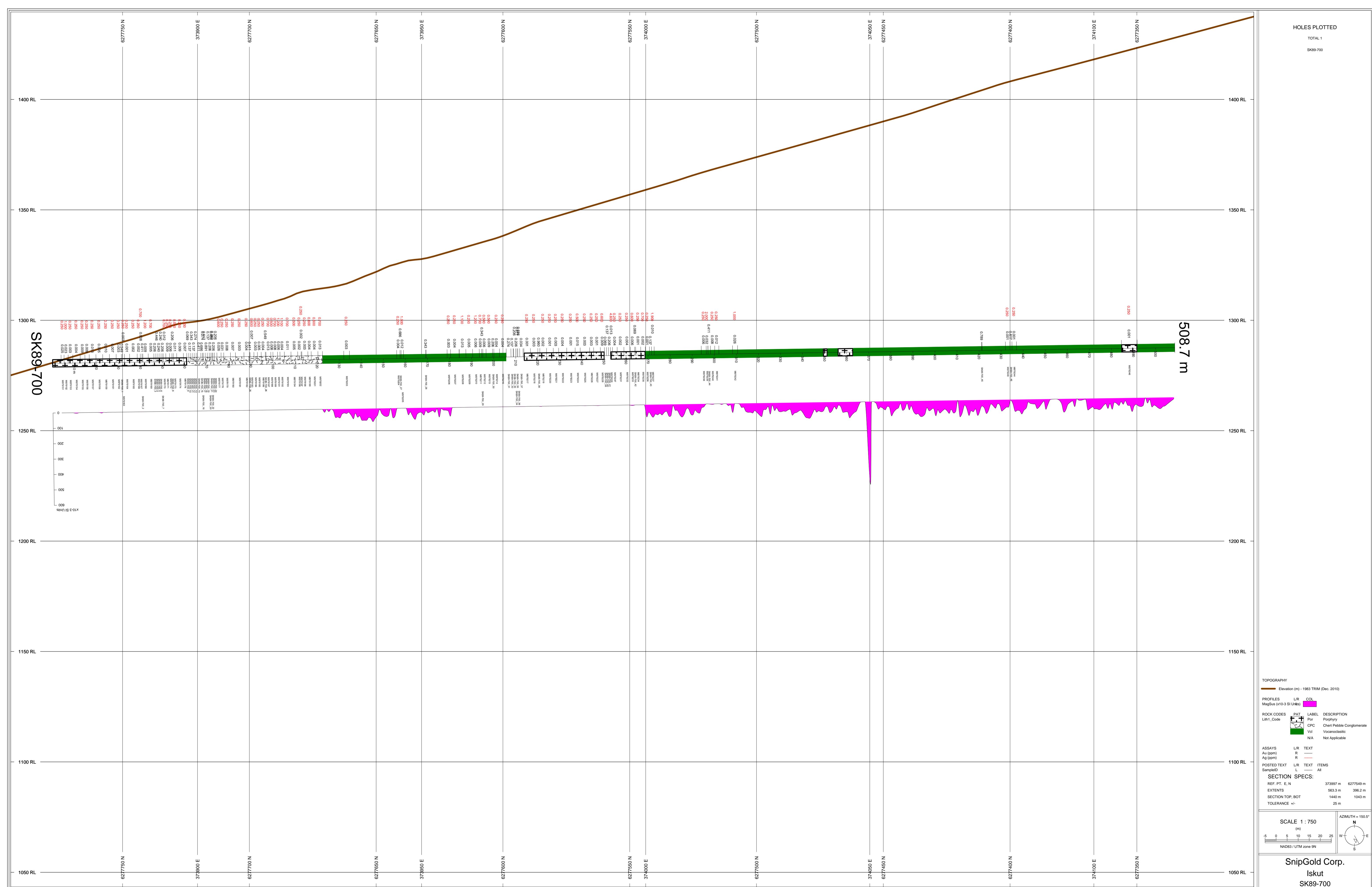
John Zbeetnoff, P.Geo.

## APPENDIX II: STATEMENT OF COSTS

Personnel / Position	Field Days		Rate	Subtotal*
John Zbeetnoff, P. Geo.	Aug 6 – Aug 14	9	\$1,000	\$9,000.00
Jennifer Burgess, P. Geol.	Aug 6 – Aug 14	9	\$600	\$5,400.00
Mallory Dalsin, GITt	Aug 6 – Aug 14	9	\$400	\$3,600.00
Bill Hay, field assistant	Aug 6 – Aug 14	9	\$375	\$3,375.00
Doug Kindrat, camp guy & operator	Aug 6 – Aug 14	9	\$706	\$6,350.04
Dale Small, No Limit driller	Aug 11 – Aug 15	50hr	\$50/hr	\$2,500.00
Brandon Small, helper	Aug 11 – Aug 13	34hr	\$50/hr	\$1,700.00
Julian McKinley, driller	Aug 11 – Aug 13	34hr	\$50/hr	\$1,700.00
David Legault, helper	Aug 11 – Aug 13	34hr	\$50/hr	\$1,700.00
				\$35,325.04
Office Studies	List Personnel (note - Office only, do not include field days)			
Literature search			\$0	\$0
Database compilation	Bill Hay	6.0	\$375	\$2,250.00
Field Map Preparation	Bill Hay	4.0	\$375	\$1,500.00
Reprocessing of data	John Zbeentoff (P.Geo.)	7.0	\$1,000	\$7,000.00
Planning/Reporting	J. Burgess (P. Geol.)	7.0	\$600	\$4,200.00
Other (specify)	Reproduction Costs			\$750.00
				\$14,650.00
Ground Exploration Surveys	Area in Hectares / List Personnel			
Geological mapping				\$0.00
Regional		<i>note: expenditures here</i>		\$0.00
Reconnaissance		<i>should be captured in Personnel</i>		
Prospect		<i>field expenditures above</i>		\$0.00
				\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal
Drill (cuttings, core, etc.)		94	48.62	\$4,570.24
Soil	<i>note: This is for assays or</i>			
Rock	<i>laboratory costs</i>	57	65.72	\$3,746.01
				\$8,316.25

Drilling	No. of Holes, Size of Core and Metres	No.	Rate	Subtotal
n/a				\$0.00
				\$0.00
Other Operations	Clarify	No.	Rate	Subtotal
n/a			\$0.00	\$0.00
				\$0.00
Transportation		No.	Rate	Subtotal
Airfare			\$0.00	\$2,924.49
Taxi			\$0.00	\$183.24
truck rental			\$0.00	\$924.02
Fuel			\$0.00	\$1,264.42
Fixed Wing (Skyvan)		2,020	\$10.00	\$20,200.00
Fuel (litres)		2,716	\$1.50	\$4,074.00
Helicopter (hours)	Crew movement	7.5	\$1,155.00	\$8,662.50
Fuel (litres)		954.2	\$2.75	\$2,624.05
Drill Demob (contract)				\$6,000.00
				\$46,856.72
Accommodation & Food	Rates per day			
Hotel			\$0.00	\$1,099.20
Camp			\$0.00	\$2,339.11
Meals	day rate or <b>actual</b> costs-specify		\$0.00	\$1,978.60
				\$5,416.91
Miscellaneous				
Other (Specify)	Field Supplies			\$1,490.05
				\$1,490.05
Equipment Rentals				
Field Gear (Specify)	Camping "kit"			\$829.85
Other (Specify)	Bob Cat for loading at BQuinn	2	\$300	\$600.00
				\$1,429.85
Freight, rock samples				
Samples			\$0.00	\$411.37
				\$411.37
<i><b>TOTAL Expenditures</b></i>				<b>\$113,896.19</b>

## **APPENDIX III: DRILL HOLE CROSS-SECTIONS & DATA**



**Hole-ID: SK-700**

<b>Proposed-ID:</b>		<b>Surface/UG:</b>	Surface	<b>Zone:</b>	Johnny Mtn Mine
<b>Hole Type:</b>	DDH-Surface	<b>Drift-ID:</b>		<b>Sub Zone:</b>	McFadden Zone
<b>Year:</b>	1989	<b>Hole Size:</b>	Unknown	<b>Collar X-Section:</b>	29050BE
<b>UTM East:</b>	<u>373,867.49</u>	<b>Steel Lost:</b>		<b>Drill Company:</b>	
<b>UTM North:</b>	<u>6,277,768.30</u>	<b>Casing Left:</b>		<b>Drill Type:</b>	
<b>Elev (m):</b>	<u>1284.01</u>	<b>Casing Len (m):</b>	0.00	<b>Assay Lab:</b>	
<b>Length (m):</b>	508.71	<b>Casing Comment:</b>		<b>Drill Site</b>	
<b>Collar UTM Az:</b>	153.0	<b>Logged By:</b>		<b>Reclaimed:</b>	Not Recorded
<b>Collar Incl:</b>	0.8	<b>Operator:</b>		<b>Artesian Flow:</b>	No
<b>Local N:</b>	19834.13	<b>DownHole Geoph:</b>	No	<b>Flow Rate l/m:</b>	0.00
<b>Local E:</b>	10373.23	<b>Geophys Survey:</b>			
<b>Local Grid-ID</b>					

**Purpose:**

**Comments:** Transformation to UTM from LMG of Master Paper Drill Records coordinates; Second JMM Correction (based on orthophoto)  
Applied December 10th 2014

**Collar Survey:** BillHayTransformationFromJMMLocalToUTM\_Apr05-2012

**Data Source:** 20120405\_JMM\_Collars\_UTM\_Drill\_Log\_Book.xls

**Core Available:** Yes - fair to good - CY1-#J27 - CY1-#J26- pallet moved down to core shack - NQ size

The output format of this drill log has been optimized to present data collected in compliance with the logging codes and forms designed for the 2012 SnipGold Iskut Property drill program. Holes completed prior to 2012 did not follow those conventions and may not display data as cohesively.

This log was generated from a database that is considered a work in progress, with on-going validation and efforts to convert and to incorporate additional historic hard copy data into the database. This drill log has been generated on the print date in the lower left corner of this sheet. Printout iterations with more current print dates should be considered more reliable.

The codes used in this log are summarized on a cover sheet that is intended to be included at the start of the digital copy of this drill log printout.

**DownHole Surveys:**

Depth (m)	UTM Azimuth	Incl	Survey Type	Comment
0.0	153.0	0.8		
249.9	166.2	-2.0		
371.9	173.7	1.0		
493.8	174.2	-2.0		

**0.00 - 0.10      0.10 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Lith as below. Hole was relogged in August 2014, original drill log was resurrected from an old Skyline PCXplor database and is as follows:

Hole-ID	From	To	Int (m)	OldLith
SK-700	0.00	46.06	46.06	FP
SK-700	46.06	55.53	9.47	K-FP
SK-700	55.53	61.08	5.55	FP
SK-700	61.08	68.00	6.92	K-Bx
SK-700	68.00	68.12	0.12	q
SK-700	68.12	72.45	4.33	K-Bx
SK-700	72.45	72.82	0.37	Q-S
SK-700	72.82	74.62	1.80	K/VC
SK-700	74.62	76.78	2.16	K-Bx
SK-700	76.78	76.90	0.12	F
SK-700	76.90	119.05	42.15	K-Bx
SK-700	119.05	122.41	3.36	K-Si
SK-700	122.41	130.09	7.68	VC
SK-700	130.09	164.13	34.04	VE
SK-700	164.13	206.04	41.91	VC
SK-700	206.04	207.57	1.53	LC
SK-700	207.57	209.98	2.41	VC
SK-700	209.98	221.28	11.30	K-Si
SK-700	221.28	223.75	2.47	FP
SK-700	223.75	226.31	2.56	K
SK-700	226.31	232.78	6.47	Fz
SK-700	232.78	241.01	8.23	K
SK-700	241.01	264.41	23.40	K-FP
SK-700	264.41	264.87	0.46	LC
SK-700	264.96	268.53	3.57	VC-K
SK-700	268.53	294.13	25.60	VC/VE
SK-700	294.13	298.70	4.57	VC
SK-700	298.70	302.09	3.39	K-VC
SK-700	302.09	339.39	37.30	VC
SK-700	339.39	339.52	0.13	q
SK-700	339.52	349.36	9.84	VC
SK-700	349.36	351.22	1.86	FP/VC
SK-700	351.22	356.16	4.94	VC-ss
SK-700	356.16	357.74	1.58	FP/VC
SK-700	357.74	365.03	7.29	VC-ss
SK-700	365.03	391.18	26.15	VE

SK-700	391.18	398.98	7.80	Fz
SK-700	398.98	403.56	4.58	VE
SK-700	403.56	407.67	4.11	Fz
SK-700	407.67	409.04	1.37	VE
SK-700	409.04	410.44	1.40	Fz
SK-700	410.44	417.48	7.04	VE
SK-700	417.48	418.19	0.71	Fz
SK-700	418.19	418.49	0.30	LC
SK-700	418.49	420.01	1.52	VE
SK-700	420.01	420.47	0.46	LC
SK-700	420.47	420.72	0.25	VE
SK-700	420.72	421.23	0.51	VC
SK-700	421.23	421.54	0.31	LC-S?
SK-700	421.54	424.34	2.80	VC
SK-700	424.34	426.23	1.89	Fz
SK-700	426.23	463.75	37.52	VC
SK-700	463.75	464.82	1.07	K-VC
SK-700	464.82	484.48	19.66	VC
SK-700	484.48	487.83	3.35	K
SK-700	487.83	501.40	13.57	VC-K
SK-700	501.40	502.31	0.91	LC
SK-700	502.31	505.97	3.66	VC-K
SK-700	505.97	508.25	2.28	LC
SK-700	508.25	508.71	0.46	VC-K

#### 0.10 - 14.60      14.50 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Medium dark gray-green feldspar Porphyry. Weak chlorite alteration, 1-2% Diss and fract filling Py. Moderately brecciated, very well healed with Chlorite-Silica-biotite as very fine grained fracture-filling matrix.

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
4.00	- 5.35	1.35	M979151	<b>0.025</b>	FA_ICPES	0.3	0.0036	0.0341	0.0000	24	2.77	0.98	3	9	1.09	4.78	0	2	1.21	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
5.35	- 7.22	1.87	M979152	<b>0.023</b>	FA_ICPES	1.0	0.0322	0.0096	0.0003	17	2.52	1.23	1	7	2.30	4.64	0	1	1.10	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
7.22	- 9.30	2.08	M979153	<b>0.003</b>	FA_ICPES	0.3	0.0004	0.0079	0.0000	7	2.00	0.31	1	6	1.40	5.06	0	1	2.03	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
9.30	- 12.65	3.35	M979154	<b>0.004</b>	FA_ICPES	0.3	0.0005	0.0070	0.0000	6	2.02	0.52	1	8	1.20	4.92	0	1	2.56	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
12.65	- 14.80	2.15	M979155	<b>0.009</b>	FA_ICPES	0.3	0.0047	0.0191	0.0000	9	2.10	1.09	1	10	1.74	4.65	0	3	2.13	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 14.60 - 19.80 5.20 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Medium light gray Felds porphyry, well fractured, extremely well healed, RQD 100%. Moderate bleaching yielding the lighter coloured gray. 2-5% Py.

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
14.80	- 16.76	1.96	M979156	<b>0.009</b>	FA_ICPES	0.3	0.0014	0.0108	0.0000	8	2.12	0.98	1	13	1.31	4.53	0	1	2.12	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
16.76	- 19.80	3.04	M979157	<b>0.013</b>	FA_ICPES	0.3	0.0058	0.0076	0.0000	15	2.17	0.82	1	8	1.51	4.76	0	1	1.96	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 19.80 - 38.50 18.70 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Medium gray-green Feldspar Porphyry, weak chlorite alteration, clotty Chlorite-Biotite 2% Py, Weakly developed brecciated fabric, still extremely well healed

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
19.80	- 22.86	3.06	M979158	<b>0.005</b>	FA_ICPES	0.3	0.0006	0.0094	0.0000	3	2.14	0.19	1	9	1.71	4.92	0	1	2.42	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
22.86	- 25.91	3.05	M979159	<b>0.010</b>	FA_ICPES	0.3	0.0077	0.1230	0.0002	14	2.51	0.86	1	6	1.46	5.85	0	1	1.93	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
25.91	- 28.96	3.05	M979161	<b>0.007</b>	FA_ICPES	0.3	0.0055	0.0303	0.0002	14	2.55	0.61	1	6	1.81	4.01	0	2	2.35	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
28.96	- 31.33	2.37	M979162	<b>0.003</b>	FA_ICPES	0.3	0.0010	0.0096	0.0000	5	2.28	0.23	2	5	1.85	4.69	0	1	2.29	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
31.33	- 31.79	0.46		<b>0.549</b>	Au_ppm	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
Converted From Oz/t 34.28571																											
31.79	- 32.74	0.95	M979163	<b>0.003</b>	FA_ICPES	0.3	0.0012	0.0067	0.0004	5	2.06	0.82	1	8	1.75	4.02	0	1	2.35	3	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
32.74	- 35.05	2.31	M979164	<b>0.001</b>	FA_ICPES	0.3	0.0012	0.0257	0.0001	3	2.12	0.13	3	14	1.24	4.67	0	1	2.24	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
35.05	- 38.50	3.45	M979165	<b>0.002</b>	FA_ICPES	0.3	0.0007	0.0429	0.0000	3	2.03	0.14	1	6	0.99	4.07	0	1	2.18	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 38.50 - 41.06 2.56 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Feldspar Porph, as above, 10% Qtz-Fe-Carb-Calcite veinlets @ low angel to core axis. Moderate Biotite alteration. 1% Py typically as clots and less commonly as networks

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
38.50	- 39.90	1.40	M979166	<b>0.002</b>	FA_ICPES	0.3	0.0004	0.0264	0.0000	3	2.00	0.34	2	6	1.06	3.97	0	1	2.15	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
39.90	- 40.66	0.76	M979167	<b>0.008</b>	FA_ICPES	0.7	0.0020	0.0846	0.0015	28	2.65	0.84	1	9	0.78	4.91	0	1	1.23	8	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
40.66	- 41.06	0.40		<b>0.411</b>	Au_ppm	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
Converted From Oz/t 34.28571																											

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**41.06 - 43.50      2.44 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Medium buff-gray, strongly silicified Feldspar Porphyry. 2-10% Py, moderate biotite alteration, extremely well healed brecciated fabric

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To	41.06 - 43.50	2.44	M979168	<b>0.009</b>	FA_ICPES	1.2	0.0050	0.0653	0.0002	34	3.34	1.19	2	7	1.14	4.13	0	2	1.01	12	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**43.50 - 50.29      6.79 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Light buff-gray highly silicified brecciated Feldspar Porphyry, minimal primary intrusive fabric remains. Trace -10% Py

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To	43.50 - 46.06	2.56	M979169	<b>0.005</b>	FA_ICPES	0.7	0.0036	0.0861	0.0001	160	3.09	1.03	1	10	1.08	4.57	0	2	1.28	8	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
46.06 - 46.97	0.91			<b>0.206</b>		Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
46.97 - 47.88	0.91			<b>0.446</b>		Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
47.88 - 48.80	0.92			<b>0.240</b>		Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
48.80 - 49.71	0.91			<b>0.240</b>		Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
49.71 - 50.29	0.58			<b>0.206</b>		Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**50.29 - 51.45      1.16 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Med gray-green Feldspar Porphyry, moderate Biotite-Chlorite-alteration. Trc-1% Py

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To	50.29 - 51.45	1.16	M979170	<b>0.012</b>	FA_ICPES	0.7	0.0008	0.0122	0.0002	19	2.75	0.63	1	7	1.47	4.03	0	1	1.63	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**51.45 - 54.89      3.44 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Light buff, feldspar porphyry, moderately well developed fractures parallel core axis, well healed tr-2% Py. Unit is very bleached, primary textures are nearly completely gone.

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
51.45	- 53.14	1.69	M979171	<b>0.009</b>	FA_ICPES	0.3	0.0020	0.0121	0.0001	38	1.99	0.64	1	7	2.03	4.36	0	2	1.30	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
53.14	- 54.25	1.11	M979172	<b>0.006</b>	FA_ICPES	0.3	0.0047	0.0377	0.0000	26	2.44	0.76	3	4	1.85	4.19	0	1	1.24	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
54.25	- 54.89	0.64		<b>0.206</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)																											

**54.89 - 60.96      6.07 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Medium dark gray-green, 1-2% mm-scale Py. Calcite-Fe-Carb veinlets sub-parallel core axis. Weak chlorite-biotite alteration, trc-1% Py

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
54.89	- 56.39	1.50	M979173	<b>0.011</b>	FA_ICPES	0.5	0.0018	0.0132	0.0001	36	2.66	0.88	1	6	1.65	4.32	0	1	1.47	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
56.39	- 59.44	3.05	M979174	<b>0.009</b>	FA_ICPES	0.3	0.0006	0.0321	0.0001	16	2.67	0.79	1	4	1.54	4.44	0	2	1.52	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
59.44	- 60.96	1.52	M979176	<b>0.007</b>	FA_ICPES	0.3	0.0013	0.0170	0.0000	16	2.37	0.87	1	7	1.48	4.26	0	1	0.73	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)																											

## 60.96 - 74.62 13.66 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC

Chert Pebble Conglomerate. Unit has been previously sampled, half core remains in boxes. 2-15% heavily tarnished Py where greatest concentrations occur. Py is dominant in the conglomerate matrix

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
60.96	- 61.87	0.91		0.069	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0	Cert-ID	LAB-ID
61.87	- 62.79	0.92		0.137	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
62.79	- 63.70	0.91		0.343	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
63.70	- 64.62	0.92		0.137	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
64.62	- 65.53	0.91		0.274	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
65.53	- 67.36	1.83		0.411	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
67.36	- 68.12	0.76		0.686	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
68.12	- 68.43	0.31		0.274	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
68.43	- 69.34	0.91		0.617	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
69.34	- 70.26	0.92		0.891	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
70.26	- 71.17	0.91		0.137	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
71.17	- 71.90	0.73		0.206	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
71.90	- 72.45	0.55		0.686	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
72.45	- 72.82	0.37		0.343	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
72.82	- 73.52	0.70		0.206	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
73.52	- 74.62	1.10		0.206	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		

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**74.62 - 77.72      3.10 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

Medium brown and very light gray unit, lighter colour noted by quartz rich clasts. 2-10% Py dominant occurrence is in matrix of unit. Matrix hosts moderate brown biotite alteration.

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
74.62	- 76.50	1.88	M979177	<b>0.026</b>	FA_ICPES	0.6	0.0041	0.0152	0.0000	23	3.50	1.85	2	4	1.75	4.37	0	1	1.81	9	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
76.50	- 77.72	1.22	M979178	<b>0.031</b>	FA_ICPES	0.3	0.0018	0.0172	0.0000	15	3.80	1.76	2	9	1.58	4.60	0	1	1.42	10	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

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**77.72 - 91.40      13.68 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

med dark gray to buff matrix in Chert Pebble Conglomerate. Clasts are light gray. Rock is typically matrix supported with moderate to weakly developed biotite alteration. Bio alteration is brown to black in colour, lighter areas are silicified fragments often brecciated. Rock is well healed with silica, trace to rarely up to 10% Py. Spotty occurrences of calcite noted in matrix

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
77.72	- 80.77	3.05	M979179	<b>0.008</b>	FA_ICPES	0.3	0.0016	0.0191	0.0002	7	3.46	0.38	1	3	1.95	5.16	0	1	1.52	10	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
80.77	- 83.02	2.25	M979180	<b>0.007</b>	FA_ICPES	0.3	0.0005	0.0162	0.0001	8	2.39	0.50	1	6	1.16	4.29	0	1	1.45	8	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
83.02	- 86.87	3.85	M979181	<b>0.003</b>	FA_ICPES	0.3	0.0005	0.0167	0.0001	7	2.54	0.72	1	6	1.49	4.38	0	1	1.31	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
86.87	- 89.37	2.50	M979182	<b>0.004</b>	FA_ICPES	0.3	0.0007	0.0162	0.0000	8	2.44	0.36	1	5	2.54	5.00	0	1	1.26	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
89.37	- 89.67	0.30		<b>0.411</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
89.67	- 91.40	1.73	M979183	<b>0.007</b>	FA_ICPES	0.6	0.0042	0.0207	0.0003	5	3.71	0.64	1	4	1.54	5.43	0	1	1.51	11	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

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**91.40 - 100.02      8.62 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

Medium to light gray chert pebble conglomerate, silicified matrix with spotty biotite alteration as clotty patches. Local limonite on open fractures. 2-3% Py

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
91.40	- 92.96	1.56	M979184	<b>0.003</b>	FA_ICPES	0.3	0.0016	0.0161	0.0003	6	2.77	0.36	1	6	1.25	4.71	0	1	1.64	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
92.96	- 94.70	1.74	M979185	<b>0.005</b>	FA_ICPES	0.3	0.0008	0.0167	0.0004	8	2.62	0.36	1	5	1.48	4.15	0	2	1.84	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
94.70	- 96.56	1.86	M979186	<b>0.004</b>	FA_ICPES	0.3	0.0008	0.0119	0.0000	8	2.53	0.77	1	8	2.15	4.56	0	1	1.51	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
96.56	- 96.87	0.31		<b>0.549</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
96.87	- 99.06	2.19	M979187	<b>0.013</b>	FA_ICPES	0.7	0.0051	0.0173	0.0012	15	2.90	1.26	4	10	1.40	4.77	0	4	0.57	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
99.06	- 100.02	0.96	M979188	<b>0.008</b>	FA_ICPES	0.5	0.0009	0.0151	0.0002	10	2.36	0.98	1	11	1.69	4.00	0	2	0.47	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**100.02 - 103.20      3.18 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

Medium dark gray-brown and light gray unit, lighter colours noted to be clasts in Chert Pebble Conglomerate. Matrix is moderately altered to biotite, rare calcite noted in micro fractures.  
Trace -5% Py

Analytical:		From	To	Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
100.02	- 102.11	2.09	M979189	<b>0.008</b>	FA_ICPES	0.7	0.0020	0.0272	0.0022	8	2.57	0.86	2	15	1.14	4.23	0	3	0.45	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
102.11	- 103.20	1.09	M979191	<b>0.006</b>	FA_ICPES	1.2	0.0025	0.0169	0.0011	18	2.19	0.93	1	17	1.09	3.95	0	2	0.46	3	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**103.20 - 105.20      2.00 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

light gray to buff coloured chert pebble conglomerate. Unit is highly siliceous with original rock fabric only rarely preserved. Trace -2% Py

Analytical:		From	To	Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
103.20	- 105.20	2.00	M979192	<b>0.004</b>	FA_ICPES	1.1	0.0021	0.0222	0.0017	7	2.07	0.58	1	8	1.35	4.14	0	1	0.40	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**105.20 - 112.80      7.60 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

light gray clasts, matrix supported chert pebble conglomerate. Matrix is medium brown, moderately siliceous, moderately well developed brown biotite altered matrix, trace-2% Py, rarely as cm-scale dense concentrations of disseminated Py - up to 80% of unit as patches (108.15m). Py is more typically disseminated.

Analytical:		From	To	Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
105.20	- 108.20	3.00	M979193	<b>0.011</b>	FA_ICPES	0.7	0.0029	0.0201	0.0008	9	3.59	1.79	1	6	2.02	4.29	0	2	0.44	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
108.20	- 111.25	3.05	M979194	<b>0.005</b>	FA_ICPES	0.5	0.0015	0.0117	0.0000	7	2.45	1.25	1	23	1.06	3.88	0	1	0.38	3	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
111.25	- 112.80	1.55	M979196	<b>0.002</b>	FA_ICPES	0.3	0.0006	0.0157	0.0000	5	2.31	0.62	1	10	1.32	4.47	0	1	0.52	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**112.80 - 115.85      3.05 m      Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC**

Light gray clasts in matrix of moderately strong chlorite-Biotite alteration, 5-10% Py concentrated in matrix. Brecciated matrix also hosts well developed brecciated fabric that is very well healed. Weak to moderately well developed calcite alteration in matrix.

Analytical:		From	To	Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
112.80	- 113.10	0.30	M979197	<b>0.002</b>	FA_ICPES	0.3	0.0002	0.0111	0.0000	3	2.31	0.86	3	9	1.07	4.02	0	1	0.63	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
113.10	- 115.85	2.75	M979198	<b>0.003</b>	FA_ICPES	0.3	0.0023	0.0128	0.0001	3	2.43	0.68	1	10	1.61	4.08	0	2	0.48	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 115.85 - 122.45 6.60 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: CPC

Chert Pebble Conglomerate, similar to above, matrix has weaker Chlorite-Biotite Alteration, Trc-1% Py, weak calcite alteration over last meter of interval

<b>Analytical:</b>		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
115.85	- 117.35	1.50	M979199	<b>0.004</b>	FA_ICPES	0.6	0.0010	0.0132	0.0000	36	1.88	0.59	2	10	1.11	3.81	0	2	0.44	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
117.35	- 120.40	3.05	M979201	<b>0.004</b>	FA_ICPES	0.6	0.0015	0.0079	0.0001	13	1.85	0.70	1	5	1.39	3.79	0	1	1.16	3	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
120.40	- 122.45	2.05	M979202	<b>0.013</b>	FA_ICPES	0.7	0.0069	0.0085	0.0005	13	2.33	1.08	1	4	2.26	4.30	0	1	1.22	9	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 122.45 - 180.50 58.05 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl

Volcanoclastic - Andesitic Tuff(?) medium gray-green unit, small fragments <1cm in diameter are scattered throughout, but are not common. MM-scale magnetite clots are common and scattered throughout. Biotite-Chlorite alteration is moderately well developed. Pyrite is not particularly common but greatest concentrations have been sampled either in 1989 and 2014 programs. Weakly developed calcite alteration is noted, Epidote is rare but present as replacements of fragments. Weak to moderate shear fabric throughout varying from 20 to 40 degrees to core axis

<b>Analytical:</b>		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
132.10	- 134.70	2.60	M979203	<b>0.003</b>	FA_ICPES	0.3	0.0052	0.0395	0.0000	6	6.55	0.67	1	2	5.46	3.38	0	4	1.66	23	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
156.10	- 157.61	1.51	M979204	<b>0.004</b>	FA_ICPES	0.3	0.0061	0.0334	0.0000	3	5.67	0.17	1	2	4.96	2.90	0	6	2.42	21	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
157.61	- 158.10	0.49		<b>0.686</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
158.10	- 159.17	1.07	M979205	<b>0.012</b>		1.0	0.0078	0.2140	0.0000	3	6.33	0.89	1	4	3.77	2.86	0	5	1.74	23	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
169.16	- 169.47	0.31		<b>0.343</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
178.95	- 180.50	1.55	M979206	<b>0.003</b>		0.3	0.0063	0.0175	0.0000	3	5.23	0.17	1	3	3.67	3.07	0	2	1.73	18	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**180.50 - 200.13    19.63 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

As above, much less magnetite, weak chlorite alteration, moderately well developed biotite alteration, Fe-Carbonate noted, moderate calcite alteration throughout, trc-2% Py, rare dense concentrations of disseminated and stringy Py.

<b>Analytical:</b>		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To																											
180.50	- 184.40	3.90	M979207	<b>0.004</b>	FA_ICPES	0.3	0.0035	0.0350	0.0000	8	5.45	0.60	2	3	4.24	3.83	0	2	1.45	19	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex	
184.46	- 187.45	2.99	M979208	<b>0.013</b>	FA_ICPES	1.1	0.0039	0.1425	0.0000	33	4.94	1.70	1	4	2.94	4.14	0	2	0.89	15	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex	
187.45	- 190.50	3.05	M979209	<b>0.005</b>	FA_ICPES	0.3	0.0015	0.0474	0.0000	15	4.20	1.35	1	7	2.62	4.14	0	3	0.65	11	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex	
190.50	- 193.55	3.05	M979210	<b>0.006</b>	FA_ICPES	1.2	0.0155	0.0288	0.0000	12	4.05	1.39	2	8	2.62	4.08	0	3	0.86	11	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex	
193.55	- 194.61	1.06	M979211	<b>0.009</b>	FA_ICPES	0.7	0.0042	0.0216	0.0004	33	4.65	2.12	8	5	1.71	4.41	0	2	0.64	14	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex	
194.61	- 195.13	0.52		<b>0.343</b>	Converted From Oz/t 34.28571	Au_ppm	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
195.13	- 196.60	1.47	M979212	<b>0.006</b>		FA_ICPES	0.5	0.0027	0.0168	0.0001	38	3.69	1.27	3	10	3.86	4.20	0	3	0.45	12	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
196.60	- 199.52	2.92	M979213	<b>0.009</b>	FA_ICPES	0.5	0.0154	0.0317	0.0000	31	5.05	2.30	1	8	3.33	3.98	0	3	0.28	16	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex	
199.52	- 200.13	0.61		<b>0.206</b>	Converted From Oz/t 34.28571	Au_ppm	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**200.13 - 205.74    5.61 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

As Above, strong biotite alteration, moderate to weak calcite alteration throughout, moderate chlorite and Fe-Carbonate alteration. Trc-2% Py Magnetite not noted

<b>Analytical:</b>		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
200.13	- 202.69	2.56	M979214	<b>0.004</b>	FA_ICPES	0.3	0.0041	0.0194	0.0000	26	6.14	0.71	1	4	4.67	4.37	0	7	0.36	24	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
202.69	- 205.74	3.05	M979216	<b>0.004</b>	FA_ICPES	0.3	0.0079	0.0197	0.0000	18	6.22	0.73	1	4	4.36	4.17	0	5	0.74	24	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 205.74 - 213.75 8.01 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: NA

No Core Available, hole reduced from NQ to BQ in this interval, first core noted is BQ @ 213.75m which is the start of a full box at box #38

<b>Analytical:</b>		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
205.74	- 207.87	2.13		<b>0.274</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
207.87	- 208.88	1.01		<b>0.137</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
209.09	- 209.98	0.89		<b>0.206</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
209.98	- 210.62	0.64		<b>0.206</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
210.62	- 210.98	0.36		<b>0.411</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
210.98	- 211.84	0.86		<b>0.686</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
211.84	- 213.36	1.52		<b>0.034</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 213.75 - 225.10 11.35 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Feldspar Porph, siliceous unit with well developed wisps of Biotite alteration, 2-3% Py common, less common are intervals of trc-2% Py. Py often as disseminated grains, also as short stringers and less commonly along mm-scale Qtz veinlets. Calcite is common, and is moderately to weakly developed in clots and stringers . Chlorite alteration is not common, and typically occurs with Biotite alteration.

<b>Analytical:</b>		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
213.75	- 216.71	2.96	M979217	<b>0.001</b>	FA_ICPES	0.3	0.0007	0.0161	0.0000	6	2.23	0.46	1	5	1.58	3.66	0	1	1.48	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
216.71	- 220.07	3.36	M979218	<b>0.003</b>	FA_ICPES	0.3	0.0020	0.0202	0.0000	16	2.27	1.01	1	10	1.58	3.84	0	1	0.84	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
220.07	- 220.98	0.91		<b>0.960</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
220.98	- 224.03	3.05	M979219	<b>0.002</b>	FA_ICPES	0.3	0.0010	0.0134	0.0000	3	2.31	0.34	1	6	1.78	4.04	0	1	1.41	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 225.10 - 248.41 23.31 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Feldspar Porph, as above, highly broken core, minor oxidation on fractured surfaces, lost core at 227.08m

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
224.03	- 227.08	3.05	M979220	<b>0.001</b>	FA_ICPES	0.3	0.0009	0.0148	0.0001	14	2.24	0.49	3	5	1.98	4.16	0	1	0.81	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
227.08	- 229.51	2.43	M979221	<b>0.003</b>	FA_ICPES	0.3	0.0004	0.0100	0.0000	21	2.13	0.64	1	5	1.65	4.28	0	1	0.86	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
229.51	- 233.17	3.66	M979222	<b>0.004</b>	FA_ICPES	0.3	0.0032	0.0224	0.0001	22	2.60	0.71	1	29	1.74	4.26	0	3	0.85	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
233.17	- 236.98	3.81	M979223	<b>0.001</b>	FA_ICPES	0.3	0.0004	0.0143	0.0000	10	2.27	0.43	1	6	1.70	4.34	0	1	1.21	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
236.98	- 239.27	2.29	M979224	<b>0.015</b>	FA_ICPES	0.5	0.0106	0.0112	0.0000	13	2.32	0.80	1	4	1.63	4.06	0	1	0.86	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
239.27	- 243.54	4.27	M979225	<b>0.003</b>	FA_ICPES	0.3	0.0010	0.0209	0.0001	15	2.73	1.10	1	8	1.54	4.34	0	1	1.09	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
243.54	- 245.36	1.82	M979226	<b>0.003</b>	FA_ICPES	0.3	0.0017	0.0071	0.0005	39	2.20	0.67	2	7	1.79	4.26	0	1	0.73	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
245.36	- 248.41	3.05	M979227	<b>0.001</b>	FA_ICPES	0.3	0.0003	0.0073	0.0000	7	2.28	0.46	1	6	1.98	4.40	0	1	0.98	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 248.41 - 250.24 1.83 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

As above, Feldspar Porphyry with well developed limonite on open fractures

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
248.41	- 250.24	1.83	M979228	<b>0.009</b>	FA_ICPES	0.6	0.0019	0.0243	0.0002	39	2.42	1.53	1	5	1.18	4.08	0	1	0.51	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 250.24 - 252.98 2.74 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: NA

No Core Remains in boxes

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
250.24	- 251.16	0.92		<b>0.069</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
251.16	- 252.07	0.91		<b>0.137</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
252.07	- 252.98	0.91		<b>0.206</b>	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 252.98 - 253.90 0.92 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Feldspar Porph, as above, local oxidation and limonite stain throughout matrix

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To	252.98 - 253.90	0.92	M979229	0.013	FA_ICPES	4.6	0.0201	0.1915	0.0004	20	4.19	2.92	9	5	2.60	4.19	0	1	0.14	10	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 253.90 - 268.80 14.90 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por

Feldspar Porph, as interval 213.75 - 225.1

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To	253.90 - 256.03	2.13	M979247	0.004	FA_ICPES	0.3	0.0012	0.0135	0.0000	10	2.49	0.52	1	3	1.72	4.14	0	1	1.13	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
256.03 - 259.08	3.05	M979231	0.002	FA_ICPES	0.3	0.0009	0.0122	0.0000	8	2.50	0.43	1	4	1.91	4.72	0	1	1.74	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
259.08 - 261.98	2.90	M979232	0.004	FA_ICPES	0.3	0.0027	0.0295	0.0000	5	2.48	0.79	1	4	1.41	4.53	0	1	1.44	7	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
261.98 - 263.96	1.98	M979233	0.006	FA_ICPES	0.6	0.0045	0.0083	0.0001	16	2.68	1.29	1	5	1.79	4.16	0	1	0.70	6	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
263.96 - 264.41	0.45		0.069	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0				
264.41 - 266.70	2.29	M979234	0.001	FA_ICPES	0.3	0.0000	0.0098	0.0000	3	2.21	0.18	1	3	2.07	4.80	0	1	1.25	4	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
266.70 - 268.80	2.10	M979235	0.002	FA_ICPES	0.7	0.0032	0.0162	0.0001	24	1.93	0.72	1	6	1.95	4.49	0	1	1.93	5	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

## 268.80 - 325.70 56.90 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl

Medium Gray-green, locally medium light gray-green volcanoclastic. Generally lapilli sized fragments, rarely dm-scale fragments. Moderate calcite throughout, slightly higher calcite content where unit is lighter in colour and also associated with higher concentrations of Py and biotite alteration. Generally 2-3% Py, locally 10-15% Py. Py most commonly as disseminated grains, less commonly as dense patchy clusters/clots of disseminated grains or as stringers on the mm-scale. Weak Chlorite alteration throughout.

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID	
From	To	268.80 - 270.66	1.86	M979236	0.001	FA_ICPES	0.3	0.0054	0.0242	0.0000	3	6.89	0.02	1	3	5.62	3.76	0	6	1.39	26	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
270.66 - 271.58	0.92		0.137	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0				
271.58 - 272.79	1.21	M979237	0.010	FA_ICPES	1.9	0.0370	0.0389	0.0000	3	6.92	0.13	1	3	5.02	2.20	0	7	2.48	27	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
294.13 - 296.38	2.25	M979238	0.006	FA_ICPES	0.3	0.0015	0.0149	0.0000	12	4.90	1.27	1	2	4.80	2.27	0	1	2.25	15	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
296.38 - 297.16	0.78	M979239	0.032	FA_ICPES	2.0	0.0159	0.0988	0.0002	46	6.35	4.26	2	1	5.52	3.05	0	1	2.24	18	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
297.18 - 298.28	1.10		0.411	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0				
298.28 - 300.23	1.95	M979240	0.008	FA_ICPES	0.3	0.0012	0.0180	0.0000	15	4.15	1.35	1	6	4.12	2.41	0	3	2.21	17	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
300.23 - 302.10	1.87	M979241	0.012	FA_ICPES	0.3	0.0081	0.0063	0.0000	25	3.07	1.85	1	11	6.88	2.38	0	4	2.69	16	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		
308.30 - 310.59	2.29	M979242	0.026	FA_ICPES	1.0	0.0152	0.0103	0.0000	47	4.61	2.23	1	7	5.29	3.26	0	3	1.07	15	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex		

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**325.70 - 349.35    23.65 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

Medium Green-gray volcanoclastic (?), fragments are rare. Well developed calcite alteration, throughout matrix, trc-1% Py

**349.35 - 351.30    1.95 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Medium gray feldspar porph, 5-7% black biotite throughout 1-2% Py, calcite in matrix is commonly found throughout

**351.30 - 356.00    4.70 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

Medium Green-gray volcanoclastic (?), fragments are rare. Well developed calcite alteration, throughout matrix, trc-1% Py

**356.00 - 362.90    6.90 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Medium gray feldspar porph, 5-7% black biotite throughout 1-2% Py, calcite in matrix is commonly found throughout, (Depth to value needs to be confirmed).

**362.90 - 365.00    2.10 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

Medium Green-gray volcanoclastic (?), fragments are rare. Well developed calcite alteration, throughout matrix, trc-1% Py

**365.00 - 390.05    25.05 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

Medium Green-gray volcanoclastic (?) as 325.70 - 349.35, with minor clasts calcite and epidote bring very common as tiny clots and blobs up to 2cm in diameter, Last 1.5m of interval is very broken. trc-1% Py

**390.05 - 432.00    41.95 m    Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

As above, Epidote extremely rare, calcite is common in matrix, rock is very broken with crushed intervals and gouge very common. Trace to 2% Py

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
421.23	- 421.36	0.13		0.789	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0	Cert-ID	LAB-ID

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**432.00 - 437.00 5.00 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

As above, slightly bleached, 2-3% Py, Moderate calcite flooding and veinlets, historically sampled portions consumed entire core. Remaining fragments of core suggest historical core had significantly more pyrite than core unsampled in 1989

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
432.00	- 434.04	2.04	M979243	0.001	FA_ICPES	0.3	0.0001	0.0090	0.0000	3	4.98	0.40	1	3	5.06	3.47	0	1	0.90	11	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex
434.04	- 434.95	0.91		0.617	Au_ppm Converted From Oz/t 34.28571	0.0	0.0000	0.0000	0.0000	0	0.00	0.00	0	0	-1.00	0.00	0	0	0.00	0	0.00	-1.0	-1.0	-1.0	-1.0		
434.95	- 437.00	2.05	M979244	0.001	FA_ICPES	0.3	0.0004	0.0109	0.0000	3	5.07	0.20	1	3	4.94	3.43	0	1	1.12	12	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**437.00 - 484.55 47.55 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

As 390.05 - 432.00, with moderate calcite throughout

**484.55 - 491.68 7.13 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Por**

Light gray feldspar porphyry, interval is brecciated, well healed with Chlorite-biotite common highlighting a good shear fabric. 1-2% Py, moderate calcite flooding throughout, magnetite very common.

Analytical:		Int m	Sample Number	Au ppm	Au Method	Ag ppm	Cu %	Zn %	Mo %	As ppm	Fe %	S %	Bi ppm	Cr ppm	Ca %	K %	Ba ppm	Ni ppm	Na %	Co ppm	Ti %	PY %	Aspy %	Cpy %	Sph %	Cert-ID	LAB-ID
From	To																										
484.55	- 491.68	7.13	M979246	0.001	FA_ICPES	0.3	0.0000	0.0151	0.0000	3	4.84	0.13	1	4	5.06	2.61	0	1	3.11	12	0.00	-1.0	-1.0	-1.0	-1.0	TR14120744	ALS Chemex

(Only select ICP elements are displayed. Default Assay Values Include: 0=no data, -1=no data, -8=not analysed, -9=missing sample)

**491.68 - 508.71 17.03 m Lithology Codes (Lith, %, Texture) Lith1, Lith2 Lith3: Vcl**

As 390.05 - 432.00, with moderate calcite throughout

**ISKUT PROPERTY - 2014**  
**MAGNETIC SUSCEPTIBILITY LOG**



DRILL HOLE: SK89-700  
 DATE DRILLED: 11-Jun-05  
 INSTRUMENT/UNITS: KT-10 (x10<sup>-3</sup> SI)

CORE SIZE: NQ to BQ at 213.75m  
 LOGGED BY: J. Burgess  
 DATE LOGGED: August 11-12, 2014

Depth (m)	Mag Sus	SGEOL	Comments
1			
2			
3			
4	0.202	Por	
5	0.169	Por	
6	0.168	Por	
7	0.215	Por	
8	0.201	Por	
9	0.267	Por	
10	3.246	Por	
11	3.754	Por	
12	0.359	Por	
13	0.283	Por	
14	0.211	Por	
15	0.194	Por	
16	0.152	Por	
17	0.151	Por	
18	0.147	Por	
19	0.167	Por	
20	0.213	Por	
21	1.151	Por	
22	4.730	Por	
23	0.215	Por	
24	1.272	Por	
25	0.218	Por	
26	0.208	Por	
27	0.245	Por	
28	0.424	Por	
29	0.274	Por	
30	0.200	Por	
31	0.231	Por	
32	0.223	Por	
33	0.191	Por	
34	0.536	Por	
35	0.204	Por	
36	0.215	Por	
37	0.205	Por	
38	0.226	Por	
39	0.677	Por	
40	0.267	Por	

Depth (m)	Mag Sus	SGEOL	Comments
41	0.215	Por	
42	0.250	Por	
43	0.245	Por	
44	0.264	Por	
45	0.238	Por	
46	0.293	Por	
47		Por	split core
48		Por	split core
49		Por	split core
50	0.248	Por	
51	0.177	Por	
52	0.115	Por	
53	0.911	Por	
54	0.240	Por	
55	0.297	Por	
56	0.214	Por	
57	0.187	Por	
58	0.331	Por	
59	0.178	Por	
60	0.180	Por	
61	0.176	CPC	
62		CPC	split core
63		CPC	split core
64		CPC	split core
65		CPC	split core
66		CPC	split core
67		CPC	split core
68		CPC	split core
69		CPC	split core
70		CPC	split core
71		CPC	split core
72		CPC	split core
73		CPC	split core
74		CPC	split core
75	0.228	CPC	
76	0.251	CPC	
77	0.285	CPC	
78	0.427	CPC	
79	0.218	CPC	
80	0.353	CPC	

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<b>Depth (m)</b>	<b>Mag Sus</b>	<b>SGEOL</b>	<b>Comments</b>
81	0.277	CPC	
82	0.327	CPC	
83	0.249	CPC	
84	0.159	CPC	
85	0.188	CPC	
86	0.123	CPC	
87	0.162	CPC	
88	0.238	CPC	
89	0.186	CPC	
90	0.219	CPC	
91	0.357	CPC	
92	0.313	CPC	
93	0.252	CPC	
94		CPC	broken
95	0.265	CPC	
96	0.135	CPC	
97	0.307	CPC	
98	0.175	CPC	
99	0.301	CPC	
100	0.183	CPC	
101	0.135	CPC	
102	0.422	CPC	
103	0.114	CPC	
104	0.285	CPC	
105		CPC	broken
106	0.142	CPC	
107	0.313	CPC	
108	0.165	CPC	
109	0.177	CPC	
110	0.240	CPC	
111	0.166	CPC	
112	0.240	CPC	
113	0.196	CPC	
114	0.281	CPC	
115	0.185	CPC	
116	0.619	CPC	
117	0.178	CPC	
118	0.456	CPC	
119	0.175	CPC	
120	0.130	CPC	
121	0.122	CPC	
122	0.346	CPC	
123	20.080	Vcl	
124	0.568	Vcl	
125	15.880	Vcl	
126	0.799	Vcl	
127	10.670	Vcl	
128	55.460	Vcl	
129	51.980	Vcl	
130	58.080	Vcl	
131	32.490	Vcl	
132	26.920	Vcl	
133	30.280	Vcl	

<b>Depth (m)</b>	<b>Mag Sus</b>	<b>SGEOL</b>	<b>Comments</b>
134	22.59	Vcl	
135	40.11	Vcl	
136	65.03	Vcl	
137	28.41	Vcl	
138	55.23	Vcl	
139	46.80	Vcl	
140	76.38	Vcl	
141	75.93	Vcl	
142	76.59	Vcl	
143	58.00	Vcl	
144	63.61	Vcl	
145	85.02	Vcl	
146	61.90	Vcl	
147	45.12	Vcl	
148	5.967	Vcl	
149	34.96	Vcl	
150	48.33	Vcl	
151	53.31	Vcl	
152	48.16	Vcl	
153	0.585	Vcl	
154	61.52	Vcl	
155	49.89	Vcl	
156	0.833	Vcl	
157	0.681	Vcl	
158	0.426	Vcl	
159	0.681	Vcl	
160	0.831	Vcl	
161	43.790	Vcl	
162	26.45	Vcl	
163	55.42	Vcl	
164	74.47	Vcl	
165	39.71	Vcl	
166		Vcl	broken
167	29.40	Vcl	
168	47.07	Vcl	
169	17.93	Vcl	
170	33.17	Vcl	
171	25.88	Vcl	
172	18.77	Vcl	
173	29.99	Vcl	
174	6.786	Vcl	
175	61.42	Vcl	
176	4.988	Vcl	
177	16.64	Vcl	
178	17.58	Vcl	
179	21.00	Vcl	
180	56.83	Vcl	
181	0.491	Vcl	
182	0.518	Vcl	
183	0.398	Vcl	
184	0.528	Vcl	
185	0.564	Vcl	
186	0.396	Vcl	

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Depth (m)	Mag Sus	SGEOL	Comments
187	0.395	Vcl	
188	0.354	Vcl	
189	0.362	Vcl	
190	0.376	Vcl	
191	0.262	Vcl	
192	0.668	Vcl	
193	0.429	Vcl	
194	0.180	Vcl	
195	0.226	Vcl	
196	0.395	Vcl	
197	0.526	Vcl	
198	0.321	Vcl	
199	0.473	Vcl	
200	0.575	Vcl	
201	0.633	Vcl	
202	0.676	Vcl	
203	0.551	Vcl	
204	0.689	Vcl	
205	0.576	Vcl	
206			missing/sampled?
207			missing/sampled?
208			missing/sampled?
209			missing/sampled?
210			missing/sampled?
211			missing/sampled?
212			missing/sampled?
213			missing/sampled?
214	0.771	Por	reduced to BQ
215	0.280	Por	
216	0.193	Por	
217	0.146	Por	
218	0.217	Por	
219	0.312	Por	
220	0.133	Por	
221	2.028	Por	
222	0.461	Por	
223	0.197	Por	
224	0.303	Por	
225	0.187	Por	
226	0.243	Por	
227	0.250	Por	
228	0.181	Por	
229	0.189	Por	
230	0.196	Por	
231	0.198	Por	
232	0.230	Por	
233	0.289	Por	
234	0.266	Por	
235	0.198	Por	
236	0.162	Por	
237	0.252	Por	
238	0.208	Por	
239	0.191	Por	

Depth (m)	Mag Sus	SGEOL	Comments
240	0.211	Por	
241	0.977	Por	
242		Por	broken
243	0.224	Por	
244	0.167	Por	
245	0.207	Por	
246	0.688	Por	
247	1.878	Por	
248	0.223	Por	
249	0.131	Por	
250	0.132	Por	
251		Por	split core
252		Por	split core
253	0.027	Por	
254	0.148	Por	
255	0.277	Por	
256	0.355	Por	
257	0.297	Por	
258	0.218	Por	
259	0.202	Por	
260	0.167	Por	
261	0.280	Por	
262	3.184	Por	
263	3.513	Por	
264	0.039	Por	
265	0.169	Por	
266	0.290	Por	
267	0.261	Por	
268	0.572	Por	
269	79.49	Vcl	
270	48.71	Vcl	
271		Vcl	split core
272	81.26	Vcl	
273	61.79	Vcl	
274	66.83	Vcl	
275	57.28	Vcl	
276	67.64	Vcl	
277	51.53	Vcl	
278	45.02	Vcl	
279	75.11	Vcl	
280	73.55	Vcl	
281	6.965	Vcl	
282	39.54	Vcl	
283	41.30	Vcl	
284	68.83	Vcl	
285	83.23	Vcl	
286	66.11	Vcl	
287	31.38	Vcl	
288	30.79	Vcl	
289	65.57	Vcl	
290	69.64	Vcl	
291	40.13	Vcl	
292	54.81	Vcl	

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Depth (m)	Mag Sus	SGEOL	Comments
293	59.57	Vcl	
294	25.13	Vcl	
295	18.51	Vcl	
296	0.635	Vcl	
297	0.304	Vcl	
298		Vcl	split core
299	3.927	Vcl	
300	0.401	Vcl	
301	0.228	Vcl	
302	0.233	Vcl	
303	5.294	Vcl	
304	0.517	Vcl	
305	0.423	Vcl	
306	13.02	Vcl	
307	7.067	Vcl	
308	58.79	Vcl	
309	0.333	Vcl	
310	0.389	Vcl	
311	3.334	Vcl	
312	26.07	Vcl	
313	25.30	Vcl	
314	53.05	Vcl	
315	58.92	Vcl	
316	58.71	Vcl	
317	63.65	Vcl	
318	47.86	Vcl	
319	60.01	Vcl	
320	75.37	Vcl	
321	88.30	Vcl	
322	43.57	Vcl	
323	42.27	Vcl	
324	21.70	Vcl	
325	72.27	Vcl	
326	13.85	Vcl	
327	49.90	Vcl	
328	33.13	Vcl	
329	56.24	Vcl	
330	58.06	Vcl	
331	53.94	Vcl	
332	55.81	Vcl	
333	47.49	Vcl	
334	41.84	Vcl	
335	81.42	Vcl	
336	67.85	Vcl	
337	63.68	Vcl	
338	54.65	Vcl	
339	51.73	Vcl	
340	71.93	Vcl	
341	95.14	Vcl	
342	100.60	Vcl	
343	101.50	Vcl	
344	76.33	Vcl	
345	46.21	Vcl	

Depth (m)	Mag Sus	SGEOL	Comments
346	64.38	Vcl	
347	55.90	Vcl	
348	61.63	Vcl	
349	57.79	Vcl	
350	31.23	Por	
351	30.24	Por	
352	67.66	Vcl	
353	56.90	Vcl	
354	29.71	Vcl	
355	45.75	Vcl	
356	19.93	Por	
357	31.34	Por	
358	67.87	Por	
359	64.99	Por	
360	64.47	Por	
361	103.80	Por	
362	84.85	Por	
363	70.74	Vcl	
364	61.18	Vcl	
365	27.66	Vcl	
366	2.461	Vcl	
367	0.559	Vcl	
368	0.443	Vcl	
369	0.523	Vcl	
370	538.00	Vcl	
371	0.696	Vcl	
372	0.728	Vcl	
373	11.49	Vcl	
374	49.44	Vcl	
375	36.21	Vcl	
376	43.67	Vcl	
377	55.34	Vcl	
378	34.15	Vcl	
379	38.46	Vcl	
380	95.25	Vcl	
381	69.20	Vcl	
382	53.41	Vcl	
383	45.16	Vcl	
384	14.81	Vcl	
385	60.20	Vcl	
386	49.75	Vcl	
387	13.97	Vcl	Qtz vn
388	56.93	Vcl	
389	32.36	Vcl	
390	71.16	Vcl	
391	86.51	Vcl	
392	83.06	Vcl	
393	100.40	Vcl	
394		Vcl	broken
395	88.76	Vcl	
396	44.95	Vcl	
397	64.89	Vcl	
398		Vcl	broken

# ISKUT PROPERTY - 2014



<b>Depth (m)</b>	<b>Mag Sus</b>	<b>SGEOL</b>	<b>Comments</b>
399	50.01	Vcl	
400	98.23	Vcl	
401	59.17	Vcl	
402	80.83	Vcl	
403	67.29	Vcl	
404	56.35	Vcl	
405	65.18	Vcl	
406	84.02	Vcl	
407	57.64	Vcl	
408	81.40	Vcl	
409	73.50	Vcl	
410	0.00	Vcl	Qtz vn
411	107.90	Vcl	
412	82.10	Vcl	
413	33.25	Vcl	
414	50.38	Vcl	
415	99.38	Vcl	
416	68.35	Vcl	
417	75.36	Vcl	
418	56.84	Vcl	
419	100.00	Vcl	
420		Vcl	broken
421	39.02	Vcl	Qtz vn
422	50.82	Vcl	
423	88.58	Vcl	
424	64.78	Vcl	
425	27.00	Vcl	
426	37.32	Vcl	
427	54.64	Vcl	
428	26.61	Vcl	
429	32.58	Vcl	
430	74.12	Vcl	
431	61.57	Vcl	
432	49.17	Vcl	
433	48.96	Vcl	
434	4.041	Vcl	
435	26.84	Vcl	
436	77.22	Vcl	
437	70.34	Vcl	
438	72.61	Vcl	
439	94.14	Vcl	
440	69.56	Vcl	
441	57.27	Vcl	
442	16.85	Vcl	
443	27.25	Vcl	
444	29.80	Vcl	
445	31.14	Vcl	
446	60.95	Vcl	
447	48.66	Vcl	
448	29.39	Vcl	
449	11.80	Vcl	
450	66.26	Vcl	
451	30.17	Vcl	

<b>Depth (m)</b>	<b>Mag Sus</b>	<b>SGEOL</b>	<b>Comments</b>
452	3.233	Vcl	
453	1.021	Vcl	
454	0.344	Vcl	
455	0.843	Vcl	
456	8.206	Vcl	
457	28.67	Vcl	
458	85.32	Vcl	
459	70.15	Vcl	
460	34.59	Vcl	
461	22.58	Vcl	
462	13.64	Vcl	
463	51.16	Vcl	
464	0.298	Vcl	
465	10.63	Vcl	
466	10.91	Vcl	
467	6.831	Vcl	
468	4.839	Vcl	
469	75.03	Vcl	
470	64.46	Vcl	
471	54.72	Vcl	
472	67.98	Vcl	
473	67.51	Vcl	
474	73.45	Vcl	
475	66.19	Vcl	
476	47.96	Vcl	
477	35.11	Vcl	
478	66.22	Vcl	
479	34.58	Vcl	
480	71.49	Vcl	
481	26.80	Vcl	
482	34.41	Vcl	
483	48.27	Vcl	
484	23.52	Vcl	
485	40.23	Por	
486	17.63	Por	
487	47.11	Por	
488	49.22	Por	
489	88.69	Por	
490	50.80	Por	
491	42.77	Por	
492	53.84	Vcl	
493	57.08	Vcl	
494	51.03	Vcl	
495	1.099	Vcl	
496	34.86	Vcl	
497	11.68	Vcl	
498	60.92	Vcl	
499	48.75	Vcl	
500		Vcl	broken
501		Vcl	broken
502	71.23	Vcl	
503	58.40	Vcl	
504	54.01	Vcl	

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## **APPENDIX IV: ASSAY CERTIFICATES**



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
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To: SNIPGOLD CORP.  
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Finalized Date: 5- SEP- 2014  
Account: BQL

## CERTIFICATE VA14129173

P.O. No.: 5026- 505- 5010

This report is for 16 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-AUG- 2014.

The following have access to data associated with this certificate:

JENNIFER BURGESS

WILLIAM HAY

J. ZBEETNOFF

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22d	Sample login - Rcd w/o BarCode dup
LOG- 24	Pulp Login - Rcd w/o Barcode
PUL- 32d	Pulverize Split - Dup 85% < 75um
BAG- 01	Bulk Master for Storage
SPL- 21d	Split sample - duplicate
SPL- 34	Pulp Splitting Charge
SPLIT- Z	Pulp split for send out
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
As- OG62	Ore Grade As - Four Acid	VARIABLE
S- OG62	Ore Grade S- Four Acid	VARIABLE
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP61	33 element four acid ICP- AES	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: SNIPGOLD CORP.  
ATTN: WILLIAM HAY  
611 - 675 WEST HASTINGS ST.  
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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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**CERTIFICATE OF ANALYSIS VA14129173**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt.	Au- ICP21 Au	Au- GRA21 Au	ME- ICP61 Ag	ME- ICP61 Al	ME- ICP61 As	ME- ICP61 Ba	ME- ICP61 Be	ME- ICP61 Bi	ME- ICP61 Ca	ME- ICP61 Cd	ME- ICP61 Co	ME- ICP61 Cr	ME- ICP61 Cu	ME- ICP61 Fe
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
M979014		1.68	>10.0	380	59.4	1.86	61	160	<0.5	78	0.03	1.0	39	7	>10000	19.85
M979015		1.50	>10.0	39.8	18.8	3.14	64	130	<0.5	14	0.01	53.9	23	6	9030	15.30
M979016		2.98	>10.0	92.8	31.0	2.25	57	170	<0.5	33	0.01	1.3	20	7	>10000	17.45
M979017		0.12	0.579		>100	7.68	51	1470	1.3	<2	2.46	58.0	14	23	4610	3.91
M979060		1.48	>10.0	60.0	36.3	1.80	48	150	<0.5	26	0.14	0.9	25	9	>10000	12.45
M979061		1.52	>10.0	33.7	20.5	2.28	45	160	<0.5	48	0.05	0.8	32	6	5610	15.25
M979112s		0.16	>10.0	21.4	4.5	2.85	>10000	230	0.7	7	2.05	1.5	17	74	121	3.67
M979113		1.62	4.35	3.47	6.1	6.02	43	1220	0.8	114	0.01	<0.5	3	6	280	5.46
M979114		1.88	>10.0	190.5	52.8	1.26	50	130	<0.5	73	0.01	2.3	38	4	>10000	25.6
M979115		1.12	0.081		<0.5	0.04	<5	10	<0.5	<2	34.3	<0.5	<1	1	60	0.08
M979115d		<0.02	0.043		<0.5	0.03	<5	10	<0.5	3	33.3	<0.5	<1	2	33	0.05
M981013		0.72	2.05	2.10	1.0	8.37	23	430	0.9	3	1.38	2.8	16	3	151	7.58
M981013p		<0.02	2.22	2.12	0.5	8.44	19	390	0.9	<2	1.35	2.9	17	3	149	7.45
M981014		1.60	1.685		1.3	8.65	72	1040	0.8	3	0.31	44.6	13	2	149	9.09
M981015		0.62	7.03	7.75	1.4	7.75	53	140	0.6	<2	0.26	55.7	12	2	188	10.70
M981016		1.20	0.069		1.6	6.17	29	610	0.6	4	0.07	<0.5	3	9	63	3.04



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**CERTIFICATE OF ANALYSIS VA14129173**

Sample Description	Method Analyte Units LOR	ME- ICP61 Ga ppm	ME- ICP61 K %	ME- ICP61 La ppm	ME- ICP61 Mg %	ME- ICP61 Mn ppm	ME- ICP61 Mo ppm	ME- ICP61 Na %	ME- ICP61 Ni ppm	ME- ICP61 P ppm	ME- ICP61 Pb ppm	ME- ICP61 S %	ME- ICP61 Sb ppm	ME- ICP61 Sc ppm	ME- ICP61 Sr ppm	ME- ICP61 Th ppm
M979014		10	1.06	10	0.08	123	33	0.02	2	200	725	>10.0	<5	3	10	<20
M979015		20	1.86	10	0.16	127	31	0.03	2	410	165	>10.0	<5	4	22	<20
M979016		20	1.17	10	0.15	177	56	0.02	1	210	284	>10.0	<5	3	13	<20
M979017		20	2.38	10	0.72	588	37	2.65	10	850	9680	1.66	151	7	700	<20
M979060		10	0.97	<10	0.12	187	34	0.02	2	220	493	>10.0	<5	2	11	<20
M979061		10	1.28	10	0.14	213	216	0.02	2	170	387	>10.0	10	3	11	<20
M979112s		10	0.93	10	0.63	545	32	0.57	50	240	1235	0.90	<5	9	76	<20
M979113		20	3.42	10	0.24	202	74	0.05	<1	310	200	1.46	9	9	49	<20
M979114		10	0.69	<10	0.10	137	38	0.01	1	80	643	>10.0	<5	2	5	<20
M979115		<10	0.01	<10	2.05	25	<1	0.01	<1	50	<2	0.09	<5	<1	5710	<20
M979115d		<10	<0.01	<10	2.00	24	<1	<0.01	<1	40	<2	0.08	<5	<1	5610	<20
M981013		20	4.12	20	0.27	1060	<1	1.00	1	1330	32	3.89	<5	8	81	<20
M981013p		20	4.06	20	0.27	1065	<1	0.99	<1	1290	31	3.83	5	8	76	<20
M981014		20	5.34	20	2.04	2900	<1	0.07	1	1440	241	3.05	<5	13	50	<20
M981015		20	4.93	10	1.95	2810	2	0.05	1	1320	261	5.36	<5	12	44	<20
M981016		10	3.86	10	0.17	152	7	0.23	1	440	116	1.89	<5	3	155	<20



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CERTIFICATE OF ANALYSIS VA14129173

Sample Description	Method Analyte Units LOR	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Ag- OG62 Ag ppm 1	Cu- OG62 Cu % 0.001	As- OG62 As % 0.001	S- OG62 S % 0.01
M979014		0.04	<10	<10	75	<10	544		1.455		20.4
M979015		0.09	<10	<10	92	<10	5980				13.95
M979016		0.06	10	<10	102	<10	748		1.590		15.85
M979017		0.24	<10	<10	80	10	7620	104			
M979060		0.05	<10	<10	70	<10	220		1.235		12.35
M979061		0.05	<10	<10	67	<10	319				13.60
M979112s		0.11	<10	<10	69	<10	274				1.130
M979113		0.19	<10	<10	133	10	146				
M979114		0.02	<10	<10	52	<10	336		3.25		26.2
M979115		<0.01	<10	<10	1	<10	<2				
M979115d		<0.01	<10	<10	1	<10	<2				
M981013		0.28	<10	<10	89	<10	571				
M981013p		0.28	<10	<10	88	<10	565				
M981014		0.35	<10	<10	187	10	2300				
M981015		0.33	<10	<10	190	<10	3530				
M981016		0.11	<10	<10	30	<10	31				



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## CERTIFICATE OF ANALYSIS VA14129173

CERTIFICATE COMMENTS				
Applies to Method:	LABORATORY ADDRESSES			
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.	Ag- OG62	As- OG62	Au- GRA21
	BAG- 01	CRU- 31	CRU- QC	Cu- OG62
	LOG- 21	LOG- 22d	LOG- 23	LOG- 24
	ME- ICP61	ME- OG62	PUL- 32	PUL- 32d
	PUL- QC	S- OG62	SPL- 21	SPL- 21d
	SPL- 34	SPLIT- Z	WEI- 21	



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Account: BQL

## CERTIFICATE TR14120744

P.O. No.: 5026- 505- 5010

This report is for 171 Drill Core samples submitted to our lab in Terrace, BC, Canada on 15- AUG- 2014.

The following have access to data associated with this certificate:

JENNIFER BURGESS

WILLIAM HAY

JOHN ZBEETNOFF

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/o BarCode dup
PUL- 32d	Pulverize Split - Dup 85% < 75um
BAG- 01	Bulk Master for Storage
SPL- 21d	Split sample - duplicate
SPL- 34	Pulp Splitting Charge
SPLIT- Z	Pulp split for send out
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21	Sample logging - ClientBarcode
CRU- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP61	33 element four acid ICP- AES	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: SNIPGOLD CORP.  
ATTN: WILLIAM HAY  
611 - 675 WEST HASTINGS ST.  
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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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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	Au-ICP21 Au	Au-GRA21 Au	ME-ICP61 Ag	ME-ICP61 Al	ME-ICP61 As	ME-ICP61 Ba	ME-ICP61 Be	ME-ICP61 Bi	ME-ICP61 Ca	ME-ICP61 Cd	ME-ICP61 Co	ME-ICP61 Cr	ME-ICP61 Cu	ME-ICP61 Fe
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
M979151		3.67	0.025		<0.5	7.68	24	3360	0.8	3	1.09	1.5	7	9	36	2.77
M979152		2.59	0.023		1.0	7.25	17	2250	1.0	<2	2.30	<0.5	7	7	322	2.52
M979153		3.62	0.003		<0.5	7.55	7	3190	1.1	<2	1.40	<0.5	4	6	4	2.00
M979154		7.93	0.004		<0.5	7.88	6	3350	1.1	<2	1.20	<0.5	4	8	5	2.02
M979155		4.23	0.009		<0.5	7.55	9	1850	1.0	<2	1.74	1.3	5	10	47	2.10
M979156		4.54	0.009		<0.5	7.70	8	2780	0.9	<2	1.31	<0.5	4	13	14	2.12
M979157		6.49	0.013		<0.5	7.93	15	3230	1.1	<2	1.51	<0.5	4	8	58	2.17
M979158		6.36	0.005		<0.5	7.81	<5	2720	1.4	<2	1.71	<0.5	5	9	6	2.14
M979159		6.95	0.010		<0.5	8.14	14	3710	1.3	<2	1.46	8.8	6	6	77	2.51
M979160		0.11	8.30	7.83	13.6	6.34	52	150	0.7	6	4.29	4.2	39	42	>10000	8.04
M979161		7.39	0.007		<0.5	8.49	14	3370	1.4	<2	1.81	1.6	5	6	55	2.55
M979161d			0.006		<0.5	7.84	11	3110	1.3	2	1.61	1.4	5	8	23	2.29
M979162		4.95	0.003		<0.5	7.81	5	2950	1.4	2	1.85	<0.5	5	5	10	2.28
M979162p			0.002		<0.5	8.07	6	3060	1.5	<2	1.90	<0.5	5	5	10	2.33
M979163		2.22	0.003		<0.5	7.59	5	3390	1.3	<2	1.75	<0.5	3	8	12	2.06
M979164		5.87	0.001		<0.5	7.74	<5	3220	1.2	3	1.24	1.0	5	14	12	2.12
M979165		7.68	0.002		<0.5	7.76	<5	3180	1.2	<2	0.99	2.1	4	6	7	2.03
M979166		2.94	0.002		<0.5	7.54	<5	3040	1.2	2	1.06	1.0	4	6	4	2.00
M979167		2.06	0.008		0.7	7.69	28	3230	1.0	<2	0.78	4.9	8	9	20	2.65
M979168		5.65	0.009		1.2	7.89	34	2540	1.1	2	1.14	4.0	12	7	50	3.34
M979169		5.63	0.005		0.7	7.98	160	2470	1.0	<2	1.08	7.0	8	10	36	3.09
M979170		3.31	0.012		0.7	7.84	19	2510	1.0	<2	1.47	<0.5	6	7	8	2.75
M979170d			0.009		0.7	7.98	18	2540	1.1	<2	1.50	<0.5	7	6	9	2.77
M979171		1.89	0.009		<0.5	7.69	38	3130	1.0	<2	2.03	<0.5	6	7	20	1.99
M979171p			0.013		0.5	7.99	37	3220	1.0	<2	2.07	0.7	7	7	22	2.05
M979172		2.95	0.006		<0.5	7.58	26	2760	1.2	3	1.85	2.7	6	4	47	2.44
M979173		4.88	0.011		0.5	7.79	36	2760	1.2	<2	1.65	<0.5	6	6	18	2.66
M979174		6.69	0.009		<0.5	7.67	16	2750	1.3	<2	1.54	1.0	5	4	6	2.67
M979175		0.11	1.350		5.1	5.60	18	610	0.7	<2	1.81	0.6	14	54	>10000	3.96
M979176		3.83	0.007		<0.5	7.85	16	3310	1.2	<2	1.48	0.5	5	7	13	2.37
M979177		4.13	0.026		0.6	8.26	23	870	0.9	2	1.75	0.6	9	4	41	3.50
M979178		3.46	0.031		<0.5	7.92	15	850	1.0	2	1.58	0.5	10	9	18	3.80
M979179		6.61	0.008		<0.5	8.16	7	3090	1.2	<2	1.95	<0.5	10	3	16	3.46
M979180		7.33	0.007		<0.5	7.81	8	3920	0.9	<2	1.16	<0.5	8	6	5	2.39
M979180d			0.007		<0.5	7.93	5	3950	0.9	<2	1.18	<0.5	6	9	5	2.41
M979181		8.31	0.003		<0.5	7.68	7	3710	0.9	<2	1.49	<0.5	5	6	5	2.54
M979181p			0.004		<0.5	7.31	<5	3740	0.9	2	1.46	<0.5	5	6	5	2.48
M979182		5.94	0.004		<0.5	7.01	8	2870	1.0	<2	2.54	<0.5	6	5	7	2.44
M979183		5.04	0.007		0.6	8.81	5	2840	1.4	<2	1.54	<0.5	11	4	42	3.71
M979184		3.81	0.003		<0.5	7.97	6	2520	1.3	<2	1.25	<0.5	6	6	16	2.77

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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
M979151		10	4.78	20	0.68	2160	<1	1.21	2	500	46	0.98	7	5	270	<20
M979152		10	4.64	20	0.41	1610	3	1.10	1	460	57	1.23	6	4	308	<20
M979153		10	5.06	20	0.39	1395	<1	2.03	1	340	9	0.31	6	3	313	<20
M979154		10	4.92	30	0.40	1130	<1	2.56	1	370	5	0.52	8	3	320	<20
M979155		20	4.65	20	0.28	1210	<1	2.13	3	350	16	1.09	<5	3	399	<20
M979156		10	4.53	20	0.38	1400	<1	2.12	1	370	17	0.98	7	3	330	<20
M979157		10	4.76	20	0.39	1350	<1	1.96	1	420	13	0.82	5	4	316	<20
M979158		10	4.92	20	0.58	1325	<1	2.42	1	500	11	0.19	<5	5	302	<20
M979159		10	5.85	20	0.60	1340	2	1.93	<1	580	19	0.86	5	5	284	<20
M979160		10	1.52	10	1.52	763	449	1.73	53	1040	78	5.56	56	15	296	<20
M979161		20	4.01	20	0.63	1310	2	2.35	2	570	32	0.61	5	5	345	<20
M979161d		10	4.65	20	0.56	1170	2	2.11	2	570	27	0.55	<5	5	317	<20
M979162		20	4.69	20	0.61	1210	<1	2.29	<1	540	4	0.23	<5	5	385	<20
M979162p		20	4.77	20	0.62	1235	1	2.41	<1	600	7	0.22	<5	5	399	<20
M979163		10	4.02	20	0.42	1260	4	2.35	1	440	15	0.82	<5	4	378	<20
M979164		10	4.67	20	0.50	1335	1	2.24	<1	400	18	0.13	5	4	307	<20
M979165		10	4.07	20	0.52	1315	<1	2.18	<1	410	20	0.14	<5	4	297	<20
M979166		10	3.97	20	0.48	1435	<1	2.15	<1	400	70	0.34	6	3	297	<20
M979167		10	4.91	20	0.64	1900	15	1.23	1	480	339	0.84	7	5	243	<20
M979168		10	4.13	20	0.71	2440	2	1.01	2	530	120	1.19	5	5	254	<20
M979169		10	4.57	20	0.60	1815	1	1.28	2	520	44	1.03	<5	5	237	<20
M979170		10	4.03	20	0.59	2330	2	1.63	1	550	44	0.63	10	5	283	<20
M979170d		10	4.40	20	0.60	2390	3	1.64	1	570	42	0.63	6	5	287	<20
M979171		10	4.36	20	0.29	1555	1	1.30	2	540	42	0.64	<5	5	320	<20
M979171p		10	4.85	20	0.29	1505	1	1.34	1	550	46	0.66	5	5	325	<20
M979172		20	4.19	20	0.42	1785	<1	1.24	1	510	33	0.76	<5	5	283	<20
M979173		10	4.32	20	0.66	1975	1	1.47	1	530	36	0.88	5	5	341	<20
M979174		10	4.44	20	0.75	1875	1	1.52	2	500	114	0.79	<5	5	292	<20
M979175		10	1.00	10	0.92	657	530	2.02	36	610	8	0.92	6	11	259	<20
M979176		10	4.26	20	0.57	1970	<1	0.73	1	510	58	0.87	<5	5	302	<20
M979177		20	4.37	20	0.98	2130	<1	1.81	1	780	11	1.85	<5	7	335	<20
M979178		10	4.60	20	1.08	2110	<1	1.42	1	820	13	1.76	<5	8	304	<20
M979179		20	5.16	20	1.39	2370	2	1.52	<1	810	7	0.38	5	9	332	<20
M979180		10	4.29	20	0.87	1805	1	1.45	1	520	23	0.50	6	5	332	<20
M979180d		10	4.68	20	0.88	1835	1	1.46	1	550	21	0.50	<5	5	336	<20
M979181		10	4.38	20	0.96	2050	1	1.31	<1	510	39	0.72	<5	5	350	<20
M979181p		10	4.01	20	0.93	2010	1	1.27	<1	500	37	0.71	7	5	341	<20
M979182		10	5.00	20	1.00	2950	<1	1.26	1	520	20	0.36	5	5	423	<20
M979183		20	5.43	20	1.38	2400	3	1.51	1	860	13	0.64	7	9	376	<20
M979184		10	4.71	20	1.09	1840	3	1.64	<1	620	11	0.36	<5	6	361	<20

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## CERTIFICATE OF ANALYSIS TR14120744

Sample Description	Method Analyte Units LOR	ME- ICP61	Ag- OG62	Cu- OG62					
		Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %
		0.01	10	10	1	10	2	1	0.001
M979151		0.16	<10	<10	56	<10	341		
M979152		0.15	<10	<10	53	<10	96		
M979153		0.13	<10	<10	38	<10	79		
M979154		0.15	<10	<10	41	<10	70		
M979155		0.14	<10	10	39	<10	191		
M979156		0.15	<10	<10	38	<10	108		
M979157		0.17	<10	<10	43	<10	76		
M979158		0.19	<10	<10	52	<10	94		
M979159		0.20	<10	<10	61	<10	1230		
M979160		0.35	<10	<10	154	<10	165	3.33	
M979161		0.21	<10	<10	60	<10	303		
M979161d		0.18	<10	10	55	<10	262		
M979162		0.19	<10	<10	59	<10	96		
M979162p		0.19	<10	<10	61	<10	98		
M979163		0.15	<10	<10	48	<10	67		
M979164		0.16	<10	10	43	<10	257		
M979165		0.16	<10	<10	43	<10	429		
M979166		0.15	<10	<10	44	<10	264		
M979167		0.16	<10	<10	52	<10	846		
M979168		0.16	<10	<10	60	<10	653		
M979169		0.16	<10	<10	57	<10	861		
M979170		0.17	<10	<10	62	<10	122		
M979170d		0.17	<10	<10	62	<10	122		
M979171		0.15	<10	<10	58	<10	121		
M979171p		0.15	<10	10	59	<10	137		
M979172		0.16	<10	<10	57	<10	377		
M979173		0.16	<10	<10	59	<10	132		
M979174		0.16	<10	10	58	<10	321		
M979175		0.28	<10	<10	91	40	85	1.340	
M979176		0.16	<10	<10	57	<10	170		
M979177		0.21	<10	<10	90	<10	152		
M979178		0.22	<10	<10	98	<10	172		
M979179		0.25	<10	<10	106	<10	191		
M979180		0.18	<10	<10	63	10	162		
M979180d		0.18	<10	<10	63	<10	159		
M979181		0.16	<10	<10	62	<10	167		
M979181p		0.15	<10	<10	61	<10	168		
M979182		0.17	<10	<10	64	<10	162		
M979183		0.26	<10	<10	111	<10	207		
M979184		0.20	<10	<10	79	<10	161		



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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt.	Au- ICP21 Au	Au- GRA21 Au	ME- ICP61 Ag	ME- ICP61 Al	ME- ICP61 As	ME- ICP61 Ba	ME- ICP61 Be	ME- ICP61 Bi	ME- ICP61 Ca	ME- ICP61 Cd	ME- ICP61 Co	ME- ICP61 Cr	ME- ICP61 Cu	ME- ICP61 Fe
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
M979185		4.61	0.005		<0.5	7.50	8	2060	1.1	<2	1.48	<0.5	6	5	8	2.62
M979186		4.23	0.004		<0.5	7.45	8	3120	1.0	<2	2.15	<0.5	4	8	8	2.53
M979187		4.79	0.013		0.7	8.16	15	2230	1.7	4	1.40	0.5	6	10	51	2.90
M979188		2.32	0.008		0.5	6.79	10	2730	0.9	<2	1.69	<0.5	7	11	9	2.36
M979189		5.12	0.008		0.7	7.65	8	2780	1.2	2	1.14	1.4	5	15	20	2.57
M979190		0.10	0.652		>100	7.81	53	970	1.3	<2	2.43	58.8	13	24	4710	3.89
M979191		2.82	0.006		1.2	7.38	18	2930	1.0	<2	1.09	0.7	3	17	25	2.19
M979191d			0.006		1.0	7.23	11	2230	0.9	2	1.09	<0.5	4	18	25	2.18
M979192		3.86	0.004		1.1	7.37	7	2630	1.2	<2	1.35	<0.5	4	8	21	2.07
M979192p			0.004		1.1	7.32	10	2650	1.2	<2	1.38	0.5	4	12	22	2.11
M979193		6.88	0.011		0.7	7.23	9	930	1.1	<2	2.02	<0.5	6	6	29	3.59
M979194		4.02	0.005		0.5	7.18	7	1030	0.7	<2	1.06	<0.5	3	23	15	2.45
M979195		1.40	0.001		<0.5	0.11	<5	20	<0.5	<2	19.5	<0.5	1	3	2	0.45
M979196		4.03	0.002		<0.5	7.84	5	3620	0.9	<2	1.32	<0.5	4	10	6	2.31
M979197		4.68	0.002		<0.5	7.79	<5	3860	1.0	3	1.07	<0.5	4	9	2	2.31
M979198		6.68	0.003		<0.5	7.59	<5	3780	0.8	<2	1.61	<0.5	4	10	23	2.43
M979199		3.53	0.004		0.6	7.35	36	4280	0.7	2	1.11	<0.5	4	10	10	1.88
M979200		0.10	8.36	7.88	12.9	6.07	45	130	0.6	<2	3.96	4.2	37	39	>10000	7.83
M979201		7.56	0.004		0.6	7.73	13	4110	1.0	<2	1.39	<0.5	3	5	15	1.85
M979201d			0.004		0.7	7.85	12	4110	1.0	<2	1.42	<0.5	3	5	6	1.89
M979202		5.30	0.013		0.7	7.42	13	3000	1.1	<2	2.26	<0.5	9	4	69	2.33
M979202p			0.013		0.7	7.00	7	2920	1.0	<2	2.22	<0.5	8	5	64	2.17
M979203		7.11	0.003		<0.5	8.00	6	2070	1.1	<2	5.46	0.8	23	2	52	6.55
M979204		3.63	0.004		<0.5	7.92	<5	2260	1.1	<2	4.96	<0.5	21	2	61	5.67
M979205		2.47	0.012		1.0	7.37	<5	2790	1.0	<2	3.77	14.5	23	4	78	6.33
M979206		3.41	0.003		<0.5	7.53	<5	1490	1.1	<2	3.67	<0.5	18	3	63	5.23
M979207		9.43	0.004		<0.5	7.62	8	1800	1.1	2	4.24	<0.5	19	3	35	5.45
M979208		7.32	0.013		1.1	7.15	33	1170	1.0	<2	2.94	7.5	15	4	39	4.94
M979209		7.79	0.005		<0.5	6.97	15	2430	0.9	<2	2.62	1.4	11	7	15	4.20
M979210		7.43	0.006		1.2	7.16	12	2330	1.0	2	2.62	0.9	11	8	155	4.05
M979210d			0.008		1.1	7.31	9	2290	1.0	<2	2.65	0.9	11	8	160	4.07
M979211		1.81	0.009		0.7	7.98	33	640	0.8	8	1.71	<0.5	14	5	42	4.65
M979211p			0.008		0.8	7.94	32	550	0.8	5	1.65	<0.5	14	5	45	4.55
M979212		3.03	0.006		0.5	6.80	38	2670	1.0	3	3.86	<0.5	12	10	27	3.69
M979213		7.33	0.009		0.5	6.61	31	610	0.9	<2	3.33	0.9	16	8	154	5.05
M979214		6.31	0.004		<0.5	7.30	26	2950	1.1	<2	4.67	<0.5	24	4	41	6.14
M979215		0.11	1.275		5.1	5.54	17	590	0.7	3	1.77	<0.5	14	53	>10000	3.91
M979216		7.36	0.004		<0.5	7.43	18	2680	0.9	<2	4.36	<0.5	24	4	79	6.22
M979217		4.80	0.001		<0.5	7.19	6	2890	0.9	<2	1.58	<0.5	5	5	7	2.23
M979218		4.50	0.003		<0.5	7.18	16	2320	0.8	<2	1.58	0.8	5	10	20	2.27

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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
M979185		10	4.15	20	1.10	1980	4	1.84	2	610	20	0.36	<5	5	325	<20
M979186		10	4.56	20	0.86	2130	<1	1.51	<1	520	20	0.77	<5	5	392	<20
M979187		20	4.77	20	0.88	1995	12	0.57	4	590	41	1.26	<5	7	318	<20
M979188		10	4.00	20	0.67	1960	2	0.47	2	540	42	0.98	<5	6	293	<20
M979189		10	4.23	20	0.90	1845	22	0.45	3	570	107	0.86	<5	7	290	<20
M979190		20	2.31	10	0.72	615	36	2.61	11	880	9680	1.58	155	7	713	<20
M979191		10	3.95	20	0.65	1815	11	0.46	2	390	133	0.93	5	4	271	<20
M979191d		10	4.03	20	0.65	1810	11	0.45	4	370	128	0.92	5	4	265	<20
M979192		10	4.14	20	0.74	1910	17	0.40	1	380	81	0.58	<5	4	327	<20
M979192p		10	3.94	20	0.74	1985	19	0.42	2	380	88	0.61	<5	4	330	<20
M979193		10	4.29	20	0.94	2630	8	0.44	2	610	45	1.79	5	7	346	<20
M979194		10	3.88	20	0.54	1410	<1	0.38	1	340	46	1.25	<5	3	298	<20
M979195		<10	0.03	10	12.25	209	<1	<0.01	<1	170	2	<0.01	<5	<1	42	<20
M979196		20	4.47	20	0.80	1770	<1	0.52	<1	380	44	0.62	<5	4	328	<20
M979197		10	4.02	20	0.64	1510	<1	0.63	<1	380	46	0.86	<5	4	354	<20
M979198		20	4.08	20	0.74	1930	1	0.48	2	400	49	0.68	<5	4	327	<20
M979199		10	3.81	20	0.43	1215	<1	0.44	2	330	94	0.59	<5	3	320	<20
M979200		10	1.46	10	1.41	703	434	1.64	49	1020	71	5.35	49	14	284	<20
M979201		10	3.79	20	0.45	1255	1	1.16	<1	340	114	0.70	<5	3	335	<20
M979201d		10	4.07	20	0.46	1270	<1	1.18	<1	330	109	0.71	<5	3	339	<20
M979202		10	4.30	20	0.47	1440	5	1.22	<1	370	85	1.08	<5	4	392	<20
M979202p		10	3.86	10	0.44	1400	5	1.16	1	350	86	1.00	<5	4	377	<20
M979203		20	3.38	10	2.32	3150	<1	1.66	4	1520	105	0.67	<5	24	444	<20
M979204		10	2.90	10	2.33	2880	<1	2.42	6	1320	24	0.17	<5	19	506	<20
M979205		20	2.86	10	2.77	2890	<1	1.74	5	1140	456	0.89	<5	24	387	<20
M979206		20	3.07	10	2.45	1945	<1	1.73	2	1160	5	0.17	<5	18	316	<20
M979207		20	3.83	10	2.36	2740	<1	1.45	2	1180	16	0.60	<5	19	312	<20
M979208		20	4.14	10	1.58	2860	<1	0.89	2	1090	409	1.70	<5	14	325	<20
M979209		10	4.14	10	1.42	2950	<1	0.65	3	950	48	1.35	<5	11	321	<20
M979210		10	4.08	20	1.17	2610	<1	0.86	3	920	12	1.39	5	11	313	<20
M979210d		10	4.28	20	1.19	2620	<1	0.87	3	920	15	1.38	6	11	315	<20
M979211		20	4.41	10	1.21	2010	4	0.64	2	1170	36	2.12	<5	12	280	<20
M979211p		20	4.28	20	1.20	1935	4	0.62	2	1130	36	2.09	<5	12	273	<20
M979212		10	4.20	20	1.18	3210	1	0.45	3	910	23	1.27	<5	12	341	<20
M979213		20	3.98	10	1.60	3690	<1	0.28	3	950	31	2.30	<5	16	289	<20
M979214		10	4.37	10	2.31	3980	<1	0.36	7	1080	7	0.71	<5	25	379	<20
M979215		10	1.00	10	0.91	630	539	2.03	37	580	8	0.89	<5	11	255	<20
M979216		20	4.17	10	2.36	3420	<1	0.74	5	1110	5	0.73	10	25	363	<20
M979217		10	3.66	20	0.58	1915	<1	1.48	<1	470	23	0.46	<5	4	294	<20
M979218		10	3.84	20	0.46	1660	<1	0.84	<1	440	33	1.01	<5	4	305	<20

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Sample Description	Method Analyte Units LOR	ME- ICP61	Ag- OG62	Cu- OG62					
		Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %
		0.01	10	10	1	10	2	1	0.001
M979185		0.17	<10	<10	66	<10	167		
M979186		0.16	<10	<10	58	<10	119		
M979187		0.20	<10	<10	85	<10	173		
M979188		0.17	<10	<10	63	<10	151		
M979189		0.19	<10	<10	83	10	272		
M979190		0.23	<10	<10	81	20	7620	103	
M979191		0.13	<10	<10	49	<10	169		
M979191d		0.13	10	<10	47	<10	166		
M979192		0.15	10	<10	55	<10	222		
M979192p		0.16	10	<10	57	<10	211		
M979193		0.19	10	<10	74	<10	201		
M979194		0.12	<10	<10	38	<10	117		
M979195		<0.01	<10	<10	3	<10	13		
M979196		0.15	<10	<10	49	<10	157		
M979197		0.15	10	<10	48	<10	111		
M979198		0.15	10	<10	53	<10	128		
M979199		0.13	10	<10	37	<10	132		
M979200		0.33	10	<10	145	<10	149	3.41	
M979201		0.14	10	<10	40	<10	79		
M979201d		0.14	<10	<10	41	<10	79		
M979202		0.16	10	<10	57	<10	85		
M979202p		0.15	10	<10	55	<10	84		
M979203		0.46	<10	<10	270	<10	395		
M979204		0.43	<10	<10	239	<10	334		
M979205		0.46	10	<10	280	<10	2140		
M979206		0.40	10	<10	231	<10	175		
M979207		0.39	10	<10	226	<10	350		
M979208		0.33	10	<10	183	<10	1425		
M979209		0.28	10	<10	139	<10	474		
M979210		0.28	<10	<10	135	<10	288		
M979210d		0.28	<10	<10	135	<10	288		
M979211		0.30	10	<10	141	<10	216		
M979211p		0.30	10	<10	141	<10	205		
M979212		0.29	10	<10	146	<10	168		
M979213		0.31	10	<10	182	<10	317		
M979214		0.45	10	<10	266	<10	194		
M979215		0.27	10	<10	90	40	83	1.290	
M979216		0.46	10	<10	280	<10	197		
M979217		0.14	<10	<10	51	<10	161		
M979218		0.14	10	<10	52	<10	202		



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt.	Au- ICP21 Au	Au- GRA21 Au	ME- ICP61 Ag	ME- ICP61 Al	ME- ICP61 As	ME- ICP61 Ba	ME- ICP61 Be	ME- ICP61 Bi	ME- ICP61 Ca	ME- ICP61 Cd	ME- ICP61 Co	ME- ICP61 Cr	ME- ICP61 Cu	ME- ICP61 Fe
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
M979219		4.92	0.002		<0.5	7.18	<5	2590	1.0	<2	1.78	<0.5	4	6	10	2.31
M979220		3.03	0.001		<0.5	6.64	14	3060	0.9	3	1.98	<0.5	7	5	9	2.24
M979220d			0.001		<0.5	6.76	14	3130	0.9	<2	2.04	<0.5	6	6	8	2.29
M979221		1.76	0.003		<0.5	7.15	21	3060	0.8	<2	1.65	<0.5	4	5	4	2.13
M979221p			0.002		<0.5	7.29	25	3120	0.9	<2	1.65	<0.5	4	7	4	2.26
M979222		4.50	0.004		<0.5	7.47	22	2970	1.0	<2	1.74	<0.5	6	29	32	2.60
M979223		4.13	0.001		<0.5	7.34	10	2620	0.9	<2	1.70	<0.5	7	6	4	2.27
M979224		2.22	0.015		0.5	6.97	13	2830	0.8	<2	1.63	<0.5	6	4	106	2.32
M979225		3.04	0.003		<0.5	7.33	15	2270	0.8	<2	1.54	0.5	5	8	10	2.73
M979226		3.58	0.003		<0.5	7.22	39	3170	0.9	2	1.79	<0.5	7	7	17	2.20
M979227		4.02	<0.001		<0.5	7.16	7	2460	1.0	<2	1.98	<0.5	5	6	3	2.28
M979228		2.00	0.009		0.6	7.16	39	1150	0.7	<2	1.18	1.3	6	5	19	2.42
M979229		1.52	0.013		4.6	5.57	20	270	0.7	9	2.60	12.3	10	5	201	4.19
M979230		0.10	0.607		>100	7.58	54	1540	1.3	<2	2.32	55.6	13	23	4600	3.74
M979231		4.14	0.002		<0.5	7.66	8	2570	1.0	<2	1.91	<0.5	7	4	9	2.50
M979231d			0.002		<0.5	7.98	8	2680	1.0	<2	2.00	<0.5	6	4	8	2.61
M979232		4.52	0.004		<0.5	7.81	5	3120	1.0	<2	1.41	0.9	7	4	27	2.48
M979232p			0.005		0.5	7.70	9	3130	1.0	<2	1.39	0.8	7	4	28	2.37
M979233		3.08	0.006		0.6	7.55	16	1650	0.9	<2	1.79	<0.5	6	5	45	2.68
M979234		3.59	<0.001		<0.5	7.57	<5	2510	1.1	<2	2.07	<0.5	4	3	<1	2.21
M979235		2.53	0.002		0.7	7.02	24	3690	0.8	<2	1.95	<0.5	5	6	32	1.93
M979236		3.23	0.001		<0.5	7.87	<5	1570	1.2	<2	5.62	<0.5	26	3	54	6.89
M979237		1.57	0.010		1.9	8.26	<5	1720	1.0	<2	5.02	<0.5	27	3	370	6.92
M979238		3.33	0.006		<0.5	7.36	12	1430	1.1	<2	4.80	<0.5	15	2	15	4.90
M979239		1.35	0.032		2.0	7.76	46	320	1.1	2	5.52	6.4	18	1	159	6.35
M979240		2.76	0.008		<0.5	7.36	15	1260	0.8	<2	4.12	<0.5	17	6	12	4.15
M979240d			0.006		<0.5	7.21	15	1240	0.8	<2	4.05	<0.5	16	6	12	4.05
M979241		2.21	0.012		<0.5	7.33	25	1190	1.0	<2	6.88	<0.5	16	11	81	3.07
M979241p			0.013		<0.5	7.01	24	1200	1.0	<2	6.49	<0.5	15	9	72	2.92
M979242		3.02	0.026		1.0	6.84	47	820	1.2	<2	5.29	<0.5	15	7	152	4.61
M979243		1.40	0.001		<0.5	7.37	<5	1170	1.2	<2	5.06	<0.5	11	3	1	4.98
M979244		2.73	<0.001		<0.5	7.59	<5	1500	1.4	<2	4.94	<0.5	12	3	4	5.07
M979245		1.01	<0.001		<0.5	0.05	<5	20	<0.5	<2	20.2	<0.5	1	1	<1	0.48
M979246		4.22	<0.001		<0.5	8.73	<5	3590	1.2	<2	5.06	<0.5	12	4	<1	4.84
M979247		3.10	0.004		<0.5	7.38	10	2980	0.9	<2	1.72	<0.5	7	3	12	2.49
M979101		2.17	0.026		1.2	7.06	107	1080	1.1	<2	2.56	2.9	5	3	15	2.73
M979102		1.59	0.002		<0.5	8.06	9	1550	1.2	2	0.18	<0.5	3	2	2	2.60
M979103		2.07	0.006		<0.5	8.60	33	3350	0.9	3	0.09	<0.5	3	4	<1	2.53
M979103d			0.006		<0.5	9.02	36	3570	1.0	<2	0.10	<0.5	2	4	<1	2.66
M979104		1.89	0.063		2.0	6.73	82	120	0.9	<2	4.20	6.6	20	3	81	5.82

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



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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
M979219		20	4.04	20	0.57	1865	<1	1.41	1	480	16	0.34	<5	4	314	<20
M979220		10	4.16	10	0.39	2360	1	0.81	1	490	26	0.49	<5	4	336	<20
M979220d		10	4.20	10	0.39	2430	2	0.81	<1	490	32	0.50	<5	4	340	<20
M979221		10	4.28	20	0.49	2170	<1	0.86	1	490	22	0.64	<5	4	292	<20
M979221p		10	4.16	20	0.49	2180	<1	0.87	<1	480	23	0.65	<5	4	298	<20
M979222		10	4.26	20	0.58	2330	1	0.85	3	600	48	0.71	<5	6	289	<20
M979223		10	4.34	20	0.54	1900	<1	1.21	<1	510	22	0.43	<5	5	295	<20
M979224		10	4.06	20	0.53	2240	<1	0.86	<1	450	11	0.80	<5	4	263	<20
M979225		10	4.34	20	0.54	2010	1	1.09	<1	470	80	1.10	<5	4	293	<20
M979226		10	4.26	20	0.39	1765	5	0.73	<1	480	16	0.67	<5	4	297	<20
M979227		10	4.40	20	0.41	1840	<1	0.98	<1	490	10	0.46	<5	4	288	<20
M979228		10	4.08	20	0.16	763	2	0.51	<1	450	51	1.53	5	4	251	<20
M979229		10	4.19	10	0.19	1090	4	0.14	<1	670	179	2.92	5	4	355	<20
M979230		20	2.25	20	0.69	584	36	2.52	10	820	9580	1.58	141	7	677	<20
M979231		10	4.72	20	0.62	1925	<1	1.74	<1	500	14	0.43	<5	5	334	<20
M979231d		10	4.76	20	0.64	2030	<1	1.82	<1	500	15	0.44	<5	5	348	<20
M979232		10	4.53	20	0.63	1885	<1	1.44	<1	490	21	0.79	<5	5	339	<20
M979232p		10	4.07	20	0.62	1810	<1	1.43	<1	470	20	0.78	<5	5	332	<20
M979233		10	4.16	20	0.48	1850	1	0.70	<1	550	41	1.29	<5	5	435	<20
M979234		10	4.80	20	0.60	1865	<1	1.25	<1	480	10	0.18	<5	5	329	<20
M979235		10	4.49	20	0.41	1580	1	1.93	<1	460	140	0.72	<5	4	355	<20
M979236		20	3.76	10	2.20	3230	<1	1.39	6	1370	12	0.02	<5	25	391	<20
M979237		20	2.20	20	2.86	2940	<1	2.48	7	1510	437	0.13	9	23	483	<20
M979238		10	2.27	20	1.75	2580	<1	2.25	<1	1110	11	1.27	<5	16	394	<20
M979239		20	3.05	10	1.30	3840	2	2.24	<1	1230	1450	4.26	<5	17	403	<20
M979240		20	2.41	20	1.71	2900	<1	2.21	3	980	18	1.35	<5	14	258	<20
M979240d		10	2.36	20	1.67	2800	<1	2.17	2	960	19	1.33	<5	14	250	<20
M979241		20	2.38	20	0.76	3190	<1	2.69	4	900	36	1.85	<5	15	368	<20
M979241p		10	2.34	20	0.72	3040	<1	2.66	3	890	30	1.77	<5	14	353	<20
M979242		10	3.26	10	1.21	2330	<1	1.07	3	910	29	2.23	<5	14	357	<20
M979243		20	3.47	20	0.87	1820	<1	0.90	1	1910	5	0.40	5	10	376	<20
M979244		20	3.43	20	1.06	1740	<1	1.12	<1	2020	7	0.20	<5	10	492	<20
M979245		<10	0.02	10	12.50	212	<1	0.01	<1	200	2	0.01	<5	<1	44	<20
M979246		20	2.61	20	1.41	1910	<1	3.11	1	1750	15	0.13	6	11	1075	<20
M979247		10	4.14	20	0.49	1755	<1	1.13	<1	490	16	0.52	<5	4	288	<20
M979101		20	3.19	20	0.26	946	6	1.11	<1	480	234	2.03	<5	5	170	<20
M979102		20	3.54	20	0.45	101	1	1.54	<1	700	6	1.72	<5	6	106	<20
M979103		20	3.95	20	0.23	74	<1	0.94	<1	700	10	0.86	<5	10	112	<20
M979103d		20	4.54	20	0.24	81	<1	0.99	<1	750	12	0.89	<5	11	117	<20
M979104		10	3.85	10	0.33	2270	3	1.60	3	1090	1020	5.03	6	17	351	<20

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## CERTIFICATE OF ANALYSIS TR14120744

Sample Description	Method Analyte Units LOR	ME- ICP61	Ag- OG62	Cu- OG62					
		Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %
		0.01	10	10	1	10	2	1	0.001
M979219		0.15	10	<10	54	<10	134		
M979220		0.15	10	<10	51	<10	148		
M979220d		0.15	10	<10	52	<10	161		
M979221		0.14	10	<10	49	<10	100		
M979221p		0.14	<10	<10	49	<10	103		
M979222		0.17	<10	<10	63	<10	224		
M979223		0.15	10	<10	56	<10	143		
M979224		0.13	<10	<10	46	<10	112		
M979225		0.14	10	<10	49	<10	209		
M979226		0.14	<10	<10	53	<10	71		
M979227		0.15	10	<10	52	<10	73		
M979228		0.13	10	<10	50	<10	243		
M979229		0.15	<10	<10	57	<10	1915		
M979230		0.22	<10	<10	77	10	7560	106	
M979231		0.15	10	<10	52	<10	122		
M979231d		0.16	10	<10	54	<10	126		
M979232		0.15	10	<10	54	<10	295		
M979232p		0.15	10	<10	53	<10	288		
M979233		0.16	<10	<10	62	<10	83		
M979234		0.15	<10	<10	56	<10	98		
M979235		0.14	10	<10	49	<10	162		
M979236		0.51	10	<10	308	<10	242		
M979237		0.50	<10	<10	286	<10	389		
M979238		0.35	10	<10	192	<10	149		
M979239		0.36	<10	<10	203	<10	988		
M979240		0.31	10	<10	160	<10	180		
M979240d		0.30	10	<10	157	<10	176		
M979241		0.30	<10	<10	169	<10	63		
M979241p		0.30	<10	<10	166	<10	59		
M979242		0.30	<10	<10	161	<10	103		
M979243		0.32	<10	<10	156	<10	90		
M979244		0.33	10	<10	164	<10	109		
M979245		<0.01	10	<10	2	<10	12		
M979246		0.33	<10	<10	115	<10	151		
M979247		0.15	<10	<10	52	<10	135		
M979101		0.14	<10	<10	46	<10	392		
M979102		0.18	10	<10	67	<10	45		
M979103		0.21	10	<10	136	<10	30		
M979103d		0.22	10	<10	143	<10	32		
M979104		0.31	<10	<10	208	10	598		



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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt.	Au- ICP21 Au	Au- GRA21 Au	ME- ICP61 Ag	ME- ICP61 Al	ME- ICP61 As	ME- ICP61 Ba	ME- ICP61 Be	ME- ICP61 Bi	ME- ICP61 Ca	ME- ICP61 Cd	ME- ICP61 Co	ME- ICP61 Cr	ME- ICP61 Cu	ME- ICP61 Fe
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
M979104p			0.062		2.5	7.19	87	160	0.9	<2	4.02	7.6	18	3	76	5.86
M979105		2.56	0.050		1.9	8.08	75	670	0.9	<2	0.18	2.9	6	4	27	3.97
M979106		1.88	0.022		0.5	8.48	29	1400	1.1	2	0.04	0.8	5	5	10	2.33
M979107		1.49	0.005		0.5	8.16	9	1750	1.3	<2	0.05	<0.5	3	5	11	2.68
M979108		1.58	0.006	<0.5	7.00	6	1620	1.0	<2	1.92	<0.5	2	7	11	1.66	
M979109		1.77	0.032		1.7	7.96	18	920	1.2	3	0.07	<0.5	5	4	61	3.84
M979110		1.18	0.005	<0.5	7.42	10	870	1.2	<2	6.79	<0.5	20	85	47	5.63	
M979111		1.75	0.010		0.5	8.69	35	2600	1.3	<2	0.47	<0.5	6	2	242	2.57
M979112		0.10	7.89	7.10	13.1	6.37	43	130	0.7	<2	4.21	5.0	39	44	>10000	8.26
M981001		2.20	0.006	<0.5	7.61	16	1510	1.3	3	0.05	<0.5	4	2	21	1.97	
M981001d			0.006	<0.5	7.57	18	1460	1.3	<2	0.05	<0.5	4	2	7	1.96	
M981002		1.77	0.011		1.1	8.42	<5	1870	1.1	3	0.02	<0.5	3	3	2	2.68
M981002p			0.010		1.0	8.28	<5	1750	1.0	<2	0.02	<0.5	2	3	2	2.65
M981003		1.92	0.002	<0.5	8.12	38	950	1.0	4	0.18	<0.5	4	3	5	2.49	
M981004		1.99	0.007		0.5	9.63	30	2520	1.2	3	0.34	<0.5	3	4	14	2.53
M981005		1.32	0.017	<0.5	8.95	15	3470	1.0	<2	0.04	<0.5	2	4	10	2.09	
M981006		1.75	0.012	<0.5	8.23	6	1920	1.0	2	0.34	<0.5	2	4	9	2.51	
M981007		1.88	0.013		0.6	6.95	14	160	0.7	<2	3.26	1.7	8	4	29	4.87
M981008		2.58	0.041	<0.5	6.18	45	190	0.6	<2	2.25	4.8	6	5	36	3.61	
M981009		2.46	0.002	<0.5	6.25	7	1970	0.8	3	0.01	<0.5	1	7	12	1.84	
M981010		2.33	0.022	<0.5	8.52	<5	2230	0.9	2	0.05	<0.5	3	5	17	3.49	
M981011		1.75	0.050	<0.5	7.61	<5	1770	1.3	<2	0.01	<0.5	2	3	13	2.20	
M981011d			0.053	<0.5	7.52	<5	1480	1.3	<2	0.01	<0.5	2	3	13	2.15	
M981012		2.00	0.004	<0.5	7.41	8	2170	0.9	<2	0.08	<0.5	4	17	3	2.03	
M981012p			0.006	<0.5	7.72	6	2540	0.9	<2	0.08	<0.5	3	17	3	2.09	
M979051		0.76	0.004		1.0	7.30	15	1930	1.0	2	0.34	<0.5	4	4	14	1.96
M979052		0.97	0.011		3.4	7.79	33	2300	1.4	9	0.07	0.7	3	2	37	2.29
M979053		0.87	0.006		0.5	7.83	17	1550	1.1	<2	0.70	<0.5	4	3	4	2.38
M979054		0.72	0.020		0.7	7.92	14	960	0.8	2	0.15	<0.5	5	2	15	3.19
M979055		1.23	0.042	<0.5	6.97	40	970	0.5	<2	0.03	<0.5	2	2	8	3.19	
M979056		1.38	0.014		0.9	8.43	23	1870	1.0	<2	0.01	<0.5	2	2	9	2.48
M979057		0.84	0.163		0.6	7.84	<5	1720	1.5	<2	0.58	6.7	5	5	424	3.62
M979058		0.93	0.143		0.6	7.56	12	1780	1.1	<2	1.38	4.5	12	4	451	4.31
M979059		3.44	0.006	<0.5	7.12	25	730	1.2	<2	5.06	<0.5	19	78	44	5.04	
M979059d			0.004	<0.5	6.95	20	730	1.2	<2	4.96	<0.5	19	80	43	5.03	
M979001		0.62	0.016		0.7	7.33	7	1540	1.2	<2	0.06	<0.5	3	3	10	2.12
M979001p			0.016		0.6	7.74	<5	1300	1.2	<2	0.06	<0.5	4	3	10	2.10
M979002		1.44	0.010	<0.5	6.78	16	1340	<0.5	<2	0.02	<0.5	2	8	4	2.16	
M979003		0.92	0.103		6.6	6.81	64	1940	0.6	2	0.03	7.8	1	2	106	2.06
M979004		0.92	0.015		0.6	7.57	<5	1220	1.3	<2	0.04	<0.5	3	2	4	2.11

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



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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
M979104p		20	3.82	10	0.35	2230	3	1.52	2	1090	1450	5.03	6	18	338	<20
M979105		10	4.62	40	0.28	73	4	0.09	2	910	977	2.30	7	7	50	<20
M979106		20	4.82	30	0.18	135	1	0.12	1	480	138	1.33	6	6	98	<20
M979107		20	4.42	20	0.35	163	1	0.57	<1	500	117	1.03	<5	6	56	<20
M979108		10	4.62	20	0.27	844	2	0.64	<1	280	19	1.02	<5	5	168	<20
M979109		20	4.26	20	0.33	89	3	0.06	<1	610	14	2.78	<5	8	17	<20
M979110		10	3.98	10	2.24	1560	<1	1.41	27	1100	9	2.96	6	26	269	<20
M979111		20	3.75	20	0.37	144	3	1.44	<1	690	19	1.23	14	7	101	<20
M979112		10	1.48	10	1.50	742	438	1.73	51	1070	82	5.50	53	15	292	<20
M981001		20	3.94	20	0.35	63	1	0.07	<1	380	16	1.65	<5	4	28	<20
M981001d		20	3.89	20	0.34	61	<1	0.06	<1	380	20	1.64	<5	4	28	<20
M981002		20	4.38	30	0.32	56	1	0.10	<1	550	49	1.66	<5	6	56	<20
M981002p		20	4.33	30	0.32	56	<1	0.10	<1	540	46	1.59	<5	6	55	<20
M981003		20	4.40	20	0.34	122	<1	0.50	<1	510	28	1.96	<5	4	114	<20
M981004		20	5.13	30	0.39	231	4	1.14	<1	610	87	1.67	<5	5	176	<20
M981005		20	4.66	30	0.26	55	4	1.03	<1	460	123	0.90	<5	6	157	<20
M981006		20	4.74	20	0.33	259	1	1.59	<1	520	45	1.43	<5	7	165	<20
M981007		10	3.77	10	1.36	4810	<1	1.90	<1	540	74	4.40	<5	9	319	<20
M981008		10	3.28	10	0.84	2530	2	1.41	<1	660	93	3.19	<5	7	239	<20
M981009		10	3.97	20	0.44	113	1	0.11	<1	150	162	0.47	<5	2	46	<20
M981010		20	4.81	20	0.28	58	3	0.19	1	720	25	1.64	<5	8	115	<20
M981011		20	4.15	30	0.28	68	29	0.16	<1	260	10	1.39	<5	5	171	<20
M981011d		20	4.06	30	0.28	66	30	0.16	<1	260	11	1.36	<5	5	168	<20
M981012		20	4.41	20	0.48	101	2	1.52	2	480	11	1.18	<5	5	129	<20
M981012p		20	4.50	20	0.50	104	2	1.58	2	510	11	1.21	<5	5	135	<20
M979051		10	3.60	30	0.39	432	<1	0.46	<1	340	23	0.98	<5	3	58	<20
M979052		20	3.69	20	0.38	44	1	0.42	<1	530	68	1.09	18	5	70	<20
M979053		10	3.55	20	0.43	783	2	1.04	<1	520	7	1.43	5	5	111	<20
M979054		20	3.46	20	0.40	141	1	1.43	3	740	36	1.41	<5	10	138	<20
M979055		10	4.49	20	0.21	55	23	0.13	2	510	29	1.50	<5	6	105	<20
M979056		20	4.35	20	0.40	56	2	0.08	2	400	73	1.19	<5	7	24	<20
M979057		20	4.89	20	0.61	909	10	1.24	4	720	16	0.19	<5	9	97	<20
M979058		20	3.97	20	0.83	2110	15	2.02	3	910	27	0.29	<5	11	180	<20
M979059		10	3.43	10	2.01	1290	<1	1.91	22	1060	5	2.95	<5	25	256	<20
M979059d		10	3.50	10	1.98	1260	1	1.89	23	1060	4	2.93	<5	24	254	<20
M979001		10	3.94	20	0.42	76	1	0.06	2	490	49	1.64	<5	4	38	<20
M979001p		10	4.05	30	0.44	71	1	0.07	1	520	49	1.71	<5	4	40	<20
M979002		10	4.02	20	0.12	54	3	0.21	<1	450	66	1.39	<5	4	131	<20
M979003		10	3.96	20	0.22	60	10	0.08	1	360	3340	1.25	20	4	57	<20
M979004		20	3.97	20	0.34	52	1	0.06	2	460	15	1.68	<5	4	32	<20

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## CERTIFICATE OF ANALYSIS TR14120744

Sample Description	Method Analyte Units LOR	ME- ICP61	Ag- OG62	Cu- OG62					
		Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %
		0.01	10	10	1	10	2	1	0.001
M979104p		0.31	<10	<10	204	10	748		
M979105		0.21	<10	<10	57	<10	528		
M979106		0.17	<10	<10	80	<10	188		
M979107		0.18	<10	<10	105	<10	148		
M979108		0.12	<10	<10	40	<10	21		
M979109		0.21	<10	<10	105	<10	40		
M979110		0.36	<10	<10	206	<10	72		
M979111		0.20	<10	<10	85	<10	58		
M979112		0.35	<10	<10	153	10	159	3.34	
M981001		0.15	<10	<10	53	<10	22		
M981001d		0.15	<10	<10	53	<10	22		
M981002		0.18	<10	<10	57	<10	22		
M981002p		0.18	<10	<10	56	<10	28		
M981003		0.15	<10	<10	52	<10	33		
M981004		0.19	<10	<10	113	<10	64		
M981005		0.18	<10	<10	133	<10	35		
M981006		0.17	<10	<10	80	<10	87		
M981007		0.19	<10	<10	112	<10	251		
M981008		0.15	<10	<10	70	<10	654		
M981009		0.08	<10	<10	38	<10	57		
M981010		0.19	<10	<10	96	<10	78		
M981011		0.16	<10	<10	46	<10	47		
M981011d		0.15	<10	<10	45	<10	48		
M981012		0.12	<10	<10	53	<10	54		
M981012p		0.12	<10	<10	55	<10	57		
M979051		0.12	<10	<10	43	<10	44		
M979052		0.15	<10	<10	86	<10	263		
M979053		0.14	<10	<10	44	<10	25		
M979054		0.20	<10	<10	132	<10	48		
M979055		0.15	<10	<10	79	<10	39		
M979056		0.18	<10	<10	89	<10	49		
M979057		0.23	<10	<10	92	<10	625		
M979058		0.26	<10	<10	129	<10	547		
M979059		0.35	10	<10	207	<10	65		
M979059d		0.34	<10	<10	203	<10	63		
M979001		0.15	<10	<10	53	<10	31		
M979001p		0.16	<10	<10	55	<10	32		
M979002		0.12	<10	<10	37	<10	38		
M979003		0.13	<10	<10	46	<10	1295		
M979004		0.15	<10	<10	56	<10	26		



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**CERTIFICATE OF ANALYSIS TR14120744**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt.	Au- ICP21 Au	Au- GRA21 Au	ME- ICP61 Ag	ME- ICP61 Al	ME- ICP61 As	ME- ICP61 Ba	ME- ICP61 Be	ME- ICP61 Bi	ME- ICP61 Ca	ME- ICP61 Cd	ME- ICP61 Co	ME- ICP61 Cr	ME- ICP61 Cu	ME- ICP61 Fe
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
M979005		0.70	0.026		0.9	7.31	21	910	0.9	<2	0.05	2.2	3	3	64	2.36
M979006		1.09	0.030		2.1	6.74	74	220	0.5	2	2.17	12.8	15	8	10	4.49
M979007		0.72	0.010		<0.5	8.34	41	3720	1.0	2	0.06	<0.5	3	3	5	1.99
M979008		1.02	0.009		<0.5	7.29	13	1710	0.9	<2	1.41	4.3	4	3	15	2.42
M979009		1.72	0.020		0.9	7.38	32	1200	1.2	3	0.01	<0.5	1	6	13	3.49
M979010		0.86	0.385		1.1	7.17	<5	1670	1.3	<2	0.01	<0.5	<1	4	41	2.42
M979010d			0.358		0.9	7.57	<5	1730	1.3	<2	0.01	<0.5	1	4	42	2.52
M979011		0.87	0.003		<0.5	8.68	8	1030	1.3	<2	0.49	<0.5	5	4	8	4.94
M979011p			0.003		<0.5	8.95	5	630	1.3	<2	0.50	<0.5	6	5	8	5.03
M979012		0.57	0.002		<0.5	8.61	15	640	1.1	<2	0.89	<0.5	7	3	11	5.99
M979013		0.09	1.360		4.5	5.45	16	570	0.7	<2	1.68	<0.5	14	54	>10000	3.89



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CERTIFICATE OF ANALYSIS TR14120744

Sample Description	Method Analyte Units LOR	ME- ICP61 Ga ppm	ME- ICP61 K %	ME- ICP61 La ppm	ME- ICP61 Mg %	ME- ICP61 Mn ppm	ME- ICP61 Mo ppm	ME- ICP61 Na %	ME- ICP61 Ni ppm	ME- ICP61 P ppm	ME- ICP61 Pb ppm	ME- ICP61 S %	ME- ICP61 Sb ppm	ME- ICP61 Sc ppm	ME- ICP61 Sr ppm	ME- ICP61 Th ppm
M979005		10	4.22	20	0.33	56	11	0.11	2	640	525	1.76	7	5	91	<20
M979006		10	4.13	<10	0.74	4240	2	0.40	2	1010	987	3.76	<5	14	252	<20
M979007		20	4.77	20	0.31	58	<1	1.32	2	500	17	1.17	<5	5	121	<20
M979008		10	3.81	20	0.66	2710	<1	1.59	<1	580	20	1.53	<5	5	188	<20
M979009		20	3.98	10	0.44	41	1	0.06	3	300	129	1.50	<5	7	19	<20
M979010		20	4.05	20	0.52	82	47	0.16	<1	270	16	0.29	5	7	26	<20
M979010d		20	4.12	20	0.54	85	49	0.17	2	300	15	0.30	9	7	26	<20
M979011		20	3.25	20	0.72	275	2	3.14	2	2180	31	4.13	<5	10	464	<20
M979011p		20	3.21	20	0.72	277	2	3.08	3	2200	32	4.06	<5	10	472	<20
M979012		20	4.83	20	1.31	1920	<1	1.98	1	1520	5	2.92	<5	10	236	<20
M979013		10	0.97	10	0.89	627	501	2.01	36	600	9	0.91	<5	11	246	<20



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### CERTIFICATE OF ANALYSIS TR14120744

Sample Description	Method Analyte Units LOR	ME- ICP61	Ag- OG62	Cu- OG62					
		Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %
	0.01	10	10	1	10	2	1	0.001	
M979005		0.15	<10	<10	249	<10	379		
M979006		0.19	<10	<10	192	<10	1800		
M979007		0.17	<10	<10	57	<10	50		
M979008		0.13	<10	<10	54	<10	485		
M979009		0.17	<10	<10	114	<10	57		
M979010		0.18	<10	<10	85	<10	55		
M979010d		0.17	<10	<10	88	<10	57		
M979011		0.25	<10	<10	165	<10	97		
M979011p		0.24	<10	<10	160	<10	97		
M979012		0.29	<10	<10	152	<10	94		
M979013		0.27	<10	<10	90	30	87		1.280



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## CERTIFICATE OF ANALYSIS TR14120744

CERTIFICATE COMMENTS				
Applies to Method:	<b>LABORATORY ADDRESSES</b>			
	Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.			
BAG- 01	CRU- 31	CRU- QC	LOG- 21	
LOG- 22d	LOG- 23	PUL- 32	PUL- 32d	
PUL- QC	SPL- 21	SPL- 21d	SPL- 34	
SPLIT- Z	WEI- 21			
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
Ag- OG62	Au- GRA21	Au- ICP21	Cu- OG62	
ME- ICP61	ME- OG62			



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## CERTIFICATE VA14144164

P.O. No.: 5026- 505- 5010

This report is for 8 Reject samples submitted to our lab in Vancouver, BC, Canada on 16-SEP- 2014.

The following have access to data associated with this certificate:

JENNIFER BURGESS

WILLIAM HAY

JOHN ZBEETNOFF

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen to - 100 to 106 um
BAG- 01	Bulk Master for Storage
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
Au- GRA21d	Au 30g FA- GRAV finish - DUP	WST- SIM
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **SNIPGOLD CORP.**  
**ATTN: WILLIAM HAY**  
**611 - 675 WEST HASTINGS ST.**  
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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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Total # Pages: 2 (A)  
Plus Appendix Pages  
Finalized Date: 29- SEP- 2014  
Account: BQL

**CERTIFICATE OF ANALYSIS VA14144164**

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- AA25	Au- AA25D	Au- GRA21	Au- GRA21d					
		Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au	Au	Au
		ppm	ppm	ppm	mg	g	g	ppm	ppm	ppm	ppm
M979014		375	1910	323	79.847	41.85	1225.5	>100	>100	323	323
M979016		91.8	413	78.1	22.562	54.61	1281.0	78.0	78.2		
M979061		29.6	111.0	26.4	4.880	43.94	1109.0	26.0	26.8		
M979114		174.0	1260	138.0	51.896	41.13	1234.0	>100	>100	139.0	136.5
M979015		42.6	475	35.9	8.068	17.00	1095.5	35.7	36.0		
M979060		66.3	711	52.6	16.544	23.26	1096.5	49.9	55.3		
M979113		2.83	5.60	2.72	0.267	47.66	1232.5	2.69	2.75		
M981013		2.38	6.87	2.29	0.016	2.33	111.7	2.37	2.20		



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
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To: SNIPGOLD CORP.  
611 - 675 WEST HASTINGS ST.  
VANCOUVER BC V6B 1N2

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Total # Appendix Pages: 1  
Finalized Date: 29- SEP- 2014  
Account: BQL

## CERTIFICATE OF ANALYSIS VA14144164

CERTIFICATE COMMENTS									
Applies to Method:  Au- AA25 Au- SCR21 SCR- 21	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <p><b>LABORATORY ADDRESSES</b></p> <table><thead><tr><th>Au- AA25</th><th>Au- AA25D</th><th>Au- GRA21</th><th>Au- GRA21d</th></tr></thead><tbody><tr><td>BAG- 01</td><td>SPL- 21</td><td>FND- 03</td><td>PUL- 32</td></tr></tbody></table>	Au- AA25	Au- AA25D	Au- GRA21	Au- GRA21d	BAG- 01	SPL- 21	FND- 03	PUL- 32
Au- AA25	Au- AA25D	Au- GRA21	Au- GRA21d						
BAG- 01	SPL- 21	FND- 03	PUL- 32						

## **APPENDIX V: CONTROL SAMPLE STANDARDS**

# **CDN Resource Laboratories Ltd.**

#2, 20148 – 102<sup>nd</sup> Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 ([www.cdnlabs.com](http://www.cdnlabs.com))

## **STANDARD REFERENCE MATERIAL: CDN-CM-15**

Recommended values and the “Between Lab” Two Standard Deviations

<b>Gold</b>	<b>1.253 g/t ± 0.118 g/t</b>	<b>Certified value</b>
<b>Copper</b>	<b>1.280 % ± 0.090 %</b>	<b>Certified value</b>
<b>Molybdenum</b>	<b>0.054 % ± 0.004 %</b>	<b>Certified value</b>

**PREPARED BY:** CDN Resource Laboratories Ltd.

**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia

**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.

**DATE OF CERTIFICATION:** June 1, 2011

## **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-CM-15 was prepared using 705 kg of a granitic rock blended with 32 kg of a Cu-Au-Mo concentrate.

## **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

**Approximate chemical composition (by whole rock analysis) is as follows:**

	Percent			Percent
SiO <sub>2</sub>	70.5		MgO	1.6
Al <sub>2</sub> O <sub>3</sub>	10.9		K <sub>2</sub> O	1.2
Fe <sub>2</sub> O <sub>3</sub>	5.9		TiO <sub>2</sub>	0.5
CaO	2.5		LOI	2.1
Na <sub>2</sub> O	2.8		S	0.9

## **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual “between-laboratory” standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

**Results from round-robin assaying are displayed on the following page.**

## **STANDARD REFERENCE MATERIAL CDN-CM-15**

**Assay Procedures:**   **Au:** Fire assay pre-concentration, AA or ICP finish (30g sub-sample).  
**Cu, Mo:** 4-acid digestion, AA or ICP finish.

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Au g/t														
CM-15-1	1.28	1.25	1.09	1.26	1.28	1.20	1.26	1.23	1.28	1.29	1.22	1.36	1.25	1.33	1.21
CM-15-2	1.26	1.39	1.14	1.22	1.19	1.15	1.37	1.23	1.29	1.32	1.16	1.32	1.25	1.31	1.40
CM-15-3	1.34	1.25	1.22	1.20	1.17	1.27	1.29	1.24	1.37	1.40	1.17	1.33	1.26	1.27	1.20
CM-15-4	1.24	1.18	1.22	1.21	1.15	1.20	1.41	1.34	1.15	1.30	1.26	1.32	1.23	1.32	1.36
CM-15-5	1.30	1.22	1.21	1.29	1.30	1.17	1.25	1.36	1.38	1.41	1.26	1.32	1.22	1.31	1.21
CM-15-6	1.29	1.22	1.11	1.20	1.27	1.16	1.40	1.25	1.33	1.26	1.29	1.33	1.27	1.24	1.11
CM-15-7	1.26	1.29	1.21	1.28	1.21	1.22	1.20	1.20	1.23	1.43	1.19	1.34	1.28	1.26	1.25
CM-15-8	1.26	1.27	1.22	1.24	1.27	1.26	1.23	1.33	1.23	1.42	1.16	1.31	1.22	1.23	1.16
CM-15-9	1.23	1.24	1.21	1.28	1.17	1.16	1.35	1.24	1.26	1.30	1.16	1.30	1.26	1.28	1.25
CM-15-10	1.27	1.15	1.22	1.27	1.15	1.21	1.26	1.35	1.29	1.32	1.19	1.39	1.29	1.25	1.17
Mean	1.27	1.24	1.18	1.25	1.22	1.20	1.30	1.28	1.28	1.35	1.21	1.33	1.25	1.28	1.23
Std. Devn.	0.0330	0.0656	0.0512	0.0360	0.0583	0.0419	0.0747	0.0604	0.0694	0.0629	0.0486	0.0248	0.0238	0.0351	0.0903
% RSD	2.60	5.27	4.33	2.89	4.80	3.50	5.73	4.73	5.42	4.68	4.03	1.86	1.90	2.74	7.33
	% Cu														
CM-15-1	1.26	1.31	1.39	1.35	1.26	1.30	1.24	1.36	1.17	1.27	1.22	1.28	1.29	1.24	1.29
CM-15-2	1.37	1.30	1.33	1.31	1.28	1.36	1.22	1.26	1.24	1.20	1.23	1.25	1.32	1.26	1.27
CM-15-3	1.30	1.33	1.42	1.35	1.24	1.29	1.22	1.38	1.24	1.43	1.22	1.27	1.31	1.22	1.25
CM-15-4	1.27	1.29	1.41	1.32	1.30	1.31	1.29	1.27	1.38	1.21	1.20	1.26	1.29	1.24	1.26
CM-15-5	1.29	1.33	1.32	1.32	1.42	1.30	1.27	1.27	1.25	1.22	1.23	1.28	1.29	1.23	1.55
CM-15-6	1.28	1.33	1.36	1.35	1.24	1.27	1.26	1.22	1.29	1.22	1.25	1.26	1.29	1.23	1.28
CM-15-7	1.44	1.32	1.34	1.32	1.42	1.35	1.25	1.30	1.31	1.21	1.25	1.26	1.30	1.22	1.23
CM-15-8	1.94	1.39	1.33	1.34	1.39	1.32	1.23	1.41	1.27	1.21	1.21	1.27	1.27	1.24	1.25
CM-15-9	1.33	1.31	1.42	1.33	1.29	1.31	1.22	1.29	1.32	1.22	1.25	1.27	1.29	1.25	1.27
CM-15-10	1.31	1.32	1.37	1.32	1.27	1.31	1.30	1.29	1.27	1.20	1.23	1.26	1.29	1.22	1.30
Mean	1.38	1.32	1.37	1.33	1.31	1.31	1.25	1.31	1.27	1.24	1.23	1.27	1.29	1.23	1.30
Std. Devn.	0.2027	0.0280	0.0390	0.0161	0.0714	0.0262	0.0294	0.0595	0.0560	0.0694	0.0173	0.0097	0.0143	0.0134	0.0919
% RSD	14.71	2.12	2.85	1.21	5.45	2.00	2.36	4.56	4.40	5.60	1.41	0.76	1.10	1.09	7.10
	% Mo														
CM-15-1	0.054	0.051	0.05	0.054	0.055	0.053	0.056	0.052	0.042	0.055	0.059	0.052	0.054	0.052	0.056
CM-15-2	0.054	0.053	0.05	0.052	0.056	0.053	0.056	0.053	0.045	0.055	0.059	0.052	0.053	0.052	0.056
CM-15-3	0.055	0.052	0.05	0.053	0.054	0.052	0.054	0.054	0.046	0.055	0.059	0.053	0.055	0.053	0.057
CM-15-4	0.054	0.052	0.05	0.054	0.055	0.053	0.057	0.052	0.053	0.055	0.058	0.052	0.056	0.053	0.056
CM-15-5	0.056	0.054	0.05	0.052	0.056	0.053	0.057	0.052	0.046	0.057	0.059	0.050	0.055	0.052	0.058
CM-15-6	0.056	0.054	0.05	0.052	0.054	0.053	0.057	0.053	0.053	0.057	0.060	0.054	0.054	0.051	0.056
CM-15-7	0.055	0.053	0.05	0.050	0.056	0.053	0.058	0.051	0.052	0.056	0.056	0.051	0.056	0.051	0.055
CM-15-8	0.056	0.054	0.05	0.053	0.055	0.053	0.055	0.052	0.049	0.054	0.057	0.050	0.053	0.051	0.056
CM-15-9	0.054	0.052	0.05	0.052	0.055	0.053	0.055	0.052	0.055	0.056	0.057	0.048	0.053	0.051	0.057
CM-15-10	0.055	0.052	0.05	0.054	0.055	0.053	0.059	0.052	0.047	0.055	0.057	0.053	0.052	0.052	0.055
Mean	0.055	0.053	0.050	0.053	0.055	0.053	0.056	0.052	0.049	0.056	0.058	0.051	0.054	0.052	0.056
Std. Devn.	0.0009	0.0011	0.0000	0.0011	0.0007	0.0003	0.0015	0.0008	0.0043	0.0010	0.0014	0.0017	0.0012	0.0009	0.0009
% RSD	1.59	2.01	0.00	2.06	1.34	0.60	2.67	1.57	8.74	1.73	2.39	3.37	2.22	1.65	1.64

**Note:** "Mo" data from laboratory 9 was excluded from the calculations for failing the t test.

## **STANDARD REFERENCE MATERIAL CDN-CM-15**

### **Participating Laboratories:**

(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada  
Activation Laboratories, Ancaster, Ontario, Canada  
Activation Laboratories, Thunder Bay, Ontario, Canada  
ALS Chemex, North Vancouver, B.C., Canada  
American Assay Lab., Nevada, USA  
CIMM Peru SA  
Genalysis, Perth, Australia  
Inspectorate, Richmond, B.C., Canada  
Omac, Ireland  
Skyline Laboratory, Arizona, USA  
SGS – Lima, Peru  
Stewart Group, Kamloops, B.C., Canada  
Alex Stewart Argentina SA  
TSL Laboratories Ltd., Saskatoon, SK, Canada  
Ultra Trace, Perth, Australia

### **Legal Notice:**

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. or Barry Smee accept no liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

*Duncan Sanderson*  
\_\_\_\_\_  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

*Barry Smee*  
\_\_\_\_\_  
Dr. Barry Smee, Ph.D., P. Geo.

# **CDN Resource Laboratories Ltd.**

#2, 20148 – 102<sup>nd</sup> Ave, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 ([www.cdnlabs.com](http://www.cdnlabs.com))

## **REFERENCE MATERIAL: CDN-ME-19**

Recommended values and the “Between Lab” Two Standard Deviations

<b>Gold</b>	<b>0.620 g/t</b>	<b>± 0.062 g/t</b>	<b>Certified value</b>
<b>Silver</b>	<b>103 g/t</b>	<b>± 7 g/t</b>	<b>Certified value</b>
<b>Copper</b>	<b>0.474 %</b>	<b>± 0.018 %</b>	<b>Certified value</b>
<b>Lead</b>	<b>0.98 %</b>	<b>± 0.06 %</b>	<b>Certified value</b>
<b>Zinc</b>	<b>0.75 %</b>	<b>± 0.04 %</b>	<b>Certified value</b>

**Note:** Standards with an RSD of near or less than 5% are certified; RSD's of between 5% and 15% are Provisional; RSD's over 15% are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

**PREPARED BY:** CDN Resource Laboratories Ltd.

**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia

**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.

**DATE OF CERTIFICATION:** December 09, 2011

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone mixer. Splits were taken and sent to 15 laboratories for round robin assaying.

### **ORIGIN OF REFERENCE MATERIAL:**

The ore was supplied by Capstone Mining Corp. from the Minto Mine in Yukon, Canada. Mineralization is primary chalcopyrite and bornite pervasively disseminated and as stringers within foliated granodiorite units rich in secondary biotite. Sulphide mineralization is typically accompanied by magnetite. Gold is associated with the sulphide mineralization, typically intimately associated with bornite and rarely observed as free gold. 733 kg of the Minto ore was combined with 67 kg of a Au, Ag, Cu, Pb, Zn concentrate.

**Approximate chemical composition (from whole rock analysis) is as follows:**

	Percent			Percent
SiO <sub>2</sub>	61.8		MgO	1.3
Al <sub>2</sub> O <sub>3</sub>	15.1		K <sub>2</sub> O	2.9
Fe <sub>2</sub> O <sub>3</sub>	5.7		TiO <sub>2</sub>	0.4
CaO	3.4		LOI	2.7
Na <sub>2</sub> O	3.6		S	1.5
C	0.3			

### **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual “between-laboratory” standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

### **Assay Procedures:**

**Au:** Fire assay pre-concentration, AA or ICP finish (30g sub-sample).

**Ag, Cu, Pb, Zn:** 4-acid digestion, AA or ICP finish.

## **REFERENCE MATERIAL CDN-ME-19**

### **Results from round-robin assaying:**

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Au g/t														
ME-19-1	0.597	0.593	0.580	0.612	0.581	0.581	0.571	0.646	0.690	0.614	0.578	0.629	0.639	0.620	0.685
ME-19-2	0.602	0.657	0.601	0.596	0.578	0.628	0.607	0.604	0.634	0.574	0.580	0.628	0.644	0.590	0.720
ME-19-3	0.593	0.613	0.620	0.601	0.631	0.610	0.723	0.651	0.603	0.598	0.595	0.614	0.626	0.610	0.695
ME-19-4	0.603	0.615	0.573	0.616	0.485	0.583	0.600	0.625	0.722	0.633	0.671	0.617	0.672	0.600	0.675
ME-19-5	0.598	0.598	0.592	0.602	0.596	0.558	0.640	0.642	0.586	0.637	0.600	0.599	0.635	0.600	0.685
ME-19-6	0.661	0.657	0.638	0.603	0.623	0.642	0.618	0.623	0.602	0.589	0.617	0.638	0.624	0.600	0.705
ME-19-7	0.655	0.66	0.630	0.610	0.597	0.652	0.603	0.600	0.612	0.603	0.542	0.624	0.667	0.630	0.680
ME-19-8	0.603	0.682	0.610	0.596	0.637	0.593	0.631	0.624	0.592	0.576	0.599	0.614	0.679	0.570	0.715
ME-19-9	0.585	0.699	0.627	0.606	0.629	0.587	0.662	0.685	0.654	0.603	0.680	0.606	0.639	0.570	0.685
ME-19-10	0.663	0.621	0.601	0.603	0.596	0.607	0.669	0.627	0.664	0.622	0.678	0.632	0.666	0.580	0.710
Mean	0.616	0.640	0.607	0.605	0.595	0.604	0.632	0.633	0.636	0.605	0.614	0.620	0.649	0.597	0.696
Std. Devn.	0.0307	0.0364	0.0217	0.0065	0.0442	0.0296	0.0435	0.0247	0.0456	0.0218	0.0473	0.0122	0.0200	0.0200	0.0159
% RSD	4.98	5.69	3.58	1.08	7.43	4.89	6.88	3.90	7.16	3.61	7.70	1.97	3.09	3.35	2.28
	Ag g/t														
ME-19-1	99.3	103	104	95.0	99.2	102	96	101	103.2	108	102	103	106	88	102
ME-19-2	100.2	106	110	100.6	99.1	99	100	99	107.9	107	102	100	105	87	105
ME-19-3	99.5	104	109	100.6	99.7	102	103	103	105.2	110	99	106	107	87	100
ME-19-4	97.3	102	106	100.9	100.7	102	92	102	108.2	108	106	107	107	90	101
ME-19-5	98.4	103	106	101.1	99.4	102	93	101	106.9	109	98	107	108	98	103
ME-19-6	100.6	105	108	100.5	100.4	104	96	102	102.2	110	101	104	105	98	104
ME-19-7	103.0	106	109	100.1	100.5	105	96	98	105.2	110	100	106	104	89	100
ME-19-8	98.9	103	107	100.0	100.8	104	93	98	111.0	113	103	105	107	90	103
ME-19-9	106.8	108	106	99.6	101.2	103	95	98	108.3	112	101	103	105	85	103
ME-19-10	101.6	104	106	99.7	101.3	103	91	102	107.0	108	101	103	103	93	102
Mean	101	104	107	100	100	103	96	100	107	110	101	104	106	91	102
Std. Devn.	2.7257	1.8379	1.8529	1.7514	0.8193	1.6465	3.6893	1.9551	2.6269	1.9003	2.2136	2.2211	1.5670	4.5031	1.6364
% RSD	2.71	1.76	1.73	1.75	0.82	1.60	3.86	1.95	2.47	1.74	2.19	2.13	1.48	4.98	1.60

Note: Ag data from Lab 14 was removed for failing the t test.

## **REFERENCE MATERIAL CDN-ME-19**

### **Results from round-robin assaying:**

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Cu														
ME-19-1	0.474	0.454	0.47	0.470	0.47	0.473	0.47	0.47	0.488	0.486	0.445	0.458	0.47	0.44	0.48
ME-19-2	0.479	0.482	0.47	0.466	0.46	0.471	0.49	0.46	0.487	0.479	0.438	0.465	0.49	0.44	0.47
ME-19-3	0.473	0.456	0.47	0.471	0.47	0.470	0.50	0.47	0.481	0.480	0.432	0.460	0.47	0.44	0.47
ME-19-4	0.472	0.460	0.48	0.470	0.46	0.473	0.48	0.47	0.486	0.474	0.436	0.476	0.47	0.43	0.48
ME-19-5	0.486	0.457	0.47	0.469	0.46	0.473	0.48	0.47	0.487	0.479	0.439	0.466	0.46	0.44	0.49
ME-19-6	0.483	0.474	0.48	0.468	0.47	0.478	0.47	0.48	0.480	0.488	0.449	0.467	0.48	0.44	0.48
ME-19-7	0.487	0.463	0.48	0.460	0.46	0.479	0.47	0.47	0.482	0.485	0.418	0.482	0.48	0.44	0.48
ME-19-8	0.462	0.459	0.48	0.469	0.46	0.478	0.47	0.47	0.485	0.489	0.432	0.472	0.48	0.44	0.48
ME-19-9	0.483	0.477	0.47	0.469	0.46	0.477	0.47	0.48	0.485	0.496	0.442	0.464	0.48	0.44	0.48
ME-19-10	0.483	0.470	0.48	0.468	0.46	0.479	0.48	0.47	0.491	0.483	0.436	0.463	0.45	0.43	0.47
Mean	0.478	0.465	0.475	0.468	0.463	0.475	0.478	0.471	0.485	0.484	0.437	0.467	0.473	0.438	0.478
Std. Devn.	0.0078	0.0098	0.0053	0.0031	0.0048	0.0034	0.0103	0.0057	0.0034	0.0063	0.0085	0.0074	0.0116	0.0042	0.0063
% RSD	1.64	2.11	1.11	0.66	1.04	0.73	2.16	1.21	0.70	1.30	1.95	1.58	2.45	0.96	1.32
	% Pb														
ME-19-1	1.03	0.971	1.01	0.994	0.97	0.96	0.94	0.95	1.022	0.913	0.953	0.979	0.94	0.78	0.96
ME-19-2	1.05	0.971	1.01	1.007	0.94	0.97	0.97	0.97	1.020	0.931	0.935	0.960	0.96	0.77	0.98
ME-19-3	1.03	0.983	1.01	1.018	0.97	0.98	0.97	0.97	1.009	0.944	0.928	0.971	0.96	0.75	0.99
ME-19-4	1.01	0.983	1.03	1.033	0.97	0.97	0.96	0.97	1.017	0.923	0.934	0.975	0.95	0.76	0.97
ME-19-5	1.03	0.983	1.01	1.026	0.97	0.96	0.96	0.97	1.032	0.947	0.912	0.987	0.96	0.78	1.00
ME-19-6	1.05	0.954	1.03	1.002	0.96	0.96	0.95	0.98	1.023	0.941	0.921	0.967	0.94	0.76	0.98
ME-19-7	1.05	0.950	1.03	1.003	0.97	0.98	0.95	0.96	1.025	0.942	0.923	0.974	0.90	0.75	0.96
ME-19-8	1.00	0.983	1.03	0.999	0.98	0.98	0.94	0.96	1.029	0.951	0.956	0.961	0.98	0.76	0.98
ME-19-9	1.02	0.966	1.02	1.006	0.97	0.97	0.95	0.97	1.037	0.963	0.943	0.953	0.94	0.77	0.98
ME-19-10	1.03	0.959	1.03	0.997	1.00	0.97	0.97	0.95	1.038	0.951	0.923	0.957	0.92	0.76	0.97
Mean	1.03	0.97	1.02	1.01	0.97	0.97	0.96	0.97	1.03	0.94	0.93	0.97	0.95	0.76	0.98
Std. Devn.	0.0181	0.0128	0.0099	0.0129	0.0149	0.0082	0.0117	0.0097	0.0090	0.0147	0.0143	0.0107	0.0227	0.0107	0.0125
% RSD	1.75	1.32	0.97	1.28	1.54	0.84	1.23	1.01	0.88	1.56	1.53	1.11	2.41	1.41	1.28
	% Zn														
ME-19-1	0.753	0.767	0.73	0.767	0.76	0.77	0.75	0.75	0.816	0.712	0.764	0.764	0.77	0.58	0.71
ME-19-2	0.726	0.759	0.75	0.764	0.73	0.76	0.77	0.75	0.802	0.710	0.756	0.749	0.78	0.57	0.70
ME-19-3	0.749	0.761	0.74	0.778	0.74	0.77	0.77	0.75	0.790	0.728	0.752	0.762	0.77	0.57	0.70
ME-19-4	0.741	0.764	0.74	0.768	0.71	0.77	0.77	0.74	0.805	0.702	0.770	0.762	0.77	0.56	0.70
ME-19-5	0.765	0.756	0.73	0.765	0.71	0.77	0.77	0.75	0.823	0.722	0.731	0.768	0.77	0.57	0.68
ME-19-6	0.764	0.743	0.76	0.764	0.72	0.78	0.75	0.76	0.816	0.721	0.746	0.756	0.76	0.56	0.72
ME-19-7	0.772	0.731	0.75	0.764	0.70	0.78	0.76	0.75	0.817	0.721	0.747	0.763	0.75	0.56	0.70
ME-19-8	0.724	0.759	0.76	0.762	0.72	0.78	0.75	0.75	0.834	0.732	0.768	0.757	0.80	0.56	0.69
ME-19-9	0.744	0.755	0.75	0.768	0.72	0.77	0.76	0.76	0.849	0.740	0.761	0.757	0.76	0.57	0.71
ME-19-10	0.759	0.753	0.76	0.770	0.75	0.78	0.78	0.75	0.835	0.728	0.752	0.750	0.75	0.56	0.71
Mean	0.75	0.75	0.75	0.77	0.73	0.77	0.76	0.75	0.82	0.72	0.75	0.76	0.77	0.57	0.70
Std. Devn.	0.0162	0.0106	0.0116	0.0047	0.0190	0.0067	0.0106	0.0057	0.0175	0.0113	0.0118	0.0061	0.0148	0.0070	0.0114
% RSD	2.16	1.41	1.55	0.61	2.61	0.87	1.39	0.76	2.14	1.56	1.56	0.81	1.92	1.24	1.62

Note: Cu data from Lab 11 was removed for failing the t test.  
Pb and Zn data from Lab 14 was removed for failing the t test.

## **REFERENCE MATERIAL CDN-ME-19**

### **Participating Laboratories:**

(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada  
Actlabs, Ancaster, Ontario, Canada  
Actlabs, Stewart, B.C., Canada  
Actlabs, Thunder Bay, Ontario, Canada  
AGAT, Mississauga, Ontario, Canada  
AHK Geochem, Alaska, USA  
ALS Chemex Laboratories, North Vancouver, B.C., Canada  
Alex Stewart Argentina SA  
CIMM, Lima, Peru  
Inspectorate, Richmond, B.C., Canada  
OMAC Laboratories Ltd., Ireland  
SGS, Lima, Peru  
Skyline Assayers & Laboratories, Arizona, USA  
Stewart Group, Kamloops, B.C., Canada  
TSL Laboratories, Saskatoon, Canada

### **Legal Notice:**

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. or Barry Smee accept no liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

  
\_\_\_\_\_  
Duncan Sanderson

Duncan Sanderson, Certified Assayer of B.C.

Geochemist

  
\_\_\_\_\_  
Dr. Barry Smee, Ph.D., P. Geo.

# **CDN Resource Laboratories Ltd.**

**Unit 2 - 20148, 102nd Avenue, Langley, B.C., Canada, V1M 4B4, Ph: 604-882-8422 Fax: 604-882-8466  
(www.cdnlabs.com)**

## **ORE REFERENCE STANDARD: CDN-CGS-20**

Recommended values and the “Between Lab” Two Standard Deviations

**Copper concentration: 3.36 ± 0.17 %  
Gold concentration: 7.75 ± 0.47 g/t**

**PREPARED BY:** CDN Resource Laboratories Ltd.

**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia

**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.

**DATE OF CERTIFICATION:** September 05, 2008

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 6 days in a double-cone blender. Splits were taken and sent to 12 laboratories for round robin assaying.

### **ORIGIN OF REFERENCE MATERIAL:**

This standard is made from a combination of granitic material and an Au / Cu concentrate.

### **Approximate chemical composition is as follows:**

	Percent			Percent
SiO <sub>2</sub>	52.2		MgO	2.7
Al <sub>2</sub> O <sub>3</sub>	13.0		K <sub>2</sub> O	1.8
Fe <sub>2</sub> O <sub>3</sub>	12.2		TiO <sub>2</sub>	0.7
CaO	6.1		LOI	4.7
Na <sub>2</sub> O	2.5		S	5.9

### **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual “between-laboratory” standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

## **STANDARD REFERENCE MATERIAL CDN-CGS-20**

### **Results from round-robin assaying:**

**Assay Procedures:**    **Au:** Fire assay pre-concentration, AA or ICP finish (30g sub-sample).  
                            **Cu:** 4-acid digestion, AA or ICP finish.

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Au (g/t)											
	7.17	7.76	7.75	7.40	7.91	8.03	7.85	7.31	7.84	8.20	7.59	7.88
	7.78	7.60	7.82	7.60	8.17	7.67	8.03	7.78	7.88	8.31	7.41	7.84
	7.58	7.66	7.61	7.20	8.13	7.95	7.96	7.65	7.92	8.31	7.67	7.71
	7.79	7.52	7.60	7.50	8.03	8.04	8.02	7.65	7.72	8.54	7.77	8.23
	7.60	7.64	8.00	7.60	8.14	7.83	8.42	7.72	8.12	7.52	7.68	7.68
	7.57	7.91	7.61	7.30	8.17	7.95	8.25	7.38	7.88	8.45	7.49	8.03
	7.37	7.65	7.70	7.60	8.06	7.77	8.12	7.41	7.68	8.41	7.74	7.55
	7.77	7.82	7.50	7.70	7.99	7.65	7.59	7.32	7.92	8.32	7.46	7.65
	7.53	7.53	7.67	7.60	7.80	7.59	7.50	7.32	8.08	7.43	7.52	7.95
	7.30	7.58	8.12	7.20	8.12	8.10	8.10	7.63	7.84	8.18	7.76	7.86
Mean	7.55	7.67	7.74	7.47	8.05	7.86	7.98	7.52	7.89	8.17	7.61	7.84
Std. Dev.	0.211	0.127	0.193	0.183	0.122	0.182	0.280	0.184	0.137	0.381	0.133	0.201
%RSD	2.80	1.65	2.50	2.45	1.52	2.31	3.50	2.45	1.74	4.66	1.75	2.57
	Cu (%)											
	3.36	3.38	3.54	3.28	3.40	3.83	3.40	3.28	3.35	3.22	3.32	3.54
	3.36	3.42	3.42	3.31	3.50	3.63	3.30	3.36	3.35	3.20	3.49	3.58
	3.34	3.45	3.33	3.29	3.44	3.86	3.47	3.31	3.38	3.24	3.31	3.56
	3.37	3.51	3.38	3.28	3.42	3.82	3.36	3.32	3.36	3.21	3.33	3.67
	3.34	3.42	3.36	3.27	3.44	3.45	3.28	3.29	3.34	3.25	3.30	3.60
	3.36	3.34	3.40	3.28	3.41	3.85	3.30	3.38	3.32	3.25	3.42	3.57
	3.37	3.43	3.38	3.28	3.50	3.61	3.27	3.44	3.36	3.26	3.29	3.56
	3.34	3.48	3.33	3.27	3.49	3.84	3.33	3.33	3.38	3.27	3.34	3.59
	3.37	3.43	3.35	3.27	3.45	3.69	3.29	3.50	3.34	3.22	3.25	3.53
	3.33	3.43	3.36	3.29	3.40	3.57	3.25	3.37	3.37	3.24	3.32	3.57
Mean	3.35	3.43	3.38	3.28	3.45	3.71	3.32	3.36	3.36	3.24	3.34	3.58
Std. Dev.	0.015	0.047	0.063	0.013	0.040	0.145	0.067	0.069	0.018	0.023	0.069	0.039
%RSD	0.45	1.38	1.86	0.40	1.15	3.89	2.02	2.05	0.54	0.70	2.07	1.09

**Note:** Au data from Lab. 10 was removed for failing the "t" test.

**Cu data from Lab. 6 was removed for failing the "t" test.**

## **STANDARD REFERENCE MATERIAL CDN-CGS-20**

### **Participating Laboratories:**

(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver  
Actlabs, Ontario, Canada  
Assayers Canada Ltd., Vancouver  
ALS Chemex Laboratories, North Vancouver  
Alex Stewart Assayers, Argentina  
Genalysis Laboratory Services Pty. Ltd., Australia  
International Plasma Laboratories, Canada  
Labtium Laboratory, Finland  
OMAC Laboratories Ltd., Ireland  
Skyline Assayers & Laboratories, Tucson, USA  
TSL Laboratories, Saskatoon, Canada  
Ultra Trace Analytical Laboratories, Australia

### **Legal Notice:**

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. or Barry Smee accept no liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

*Duncan Sanderson*  
\_\_\_\_\_  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

*Barry Smee*  
\_\_\_\_\_  
Dr. Barry Smee, Ph.D., P. Geo.

# **CDN Resource Laboratories Ltd.**

#2, 20148 – 102 Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 ([www.cdnlabs.com](http://www.cdnlabs.com))

## **GOLD ORE REFERENCE STANDARD: CDN-GS-20A**

Recommended value and the "Between Laboratory" two standard deviations

*Gold concentration: 21.12 ± 1.54 g/t*

**PREPARED BY:** CDN Resource Laboratories Ltd.

**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia

**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.

**DATE OF CERTIFICATION:** March 20, 2009

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-20A was prepared using ore supplied by Complex Minerals Corporation. The ore is from the 1100 lode of the Tigriganiaq Gold Deposit north of Rankin Inlet in Nunavut. It is a banded magnetite iron formation zone with gold in quartz shears with accessory pyrrhotite, pyrite, and arsenopyrite. The gold is free milling although there may be a small refractory component.

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 6 days in a double-cone blender. Splits were taken and sent to 12 commercial laboratories for round robin assaying. Round robin results are displayed below:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Au g/t											
GS20A-1	20.46	21.00	21.6	20.8	22.22	21.80	20.40	20.6	21.55	20.7	20.82	20.58
GS20A-2	19.71	21.40	21.9	20.4	23.00	21.40	19.97	22.3	21.83	21.7	21.77	21.23
GS20A-3	20.69	20.80	21.3	20.5	21.60	20.50	20.71	20.7	21.96	22.7	20.64	21.44
GS20A-4	20.19	19.85	21.3	20.6	22.00	21.90	20.28	19.9	22.39	22.7	23.44	20.54
GS20A-5	19.53	22.00	22.6	20.6	20.80	19.33	20.94	20.4	21.64	21.3	21.45	20.99
GS20A-6	19.85	20.90	21.2	20.8	21.80	18.40	20.85	21.6	22.07	22.3	21.15	21.45
GS20A-7	19.99	21.30	20.9	20.0	21.30	19.13	20.94	20.6	21.70	22.0	21.44	21.38
GS20A-8	20.83	21.50	21.3	20.2	20.50	19.37	20.48	21.5	22.29	22.0	20.65	20.86
GS20A-9	21.65	21.10	22.1	20.2	22.00	20.57	20.16	21.9	21.52	22.0	20.99	20.86
GS20A-10	21.50	21.70	21.6	20.1	22.80	19.87	20.07	20.4	22.36	21.7	20.20	21.29
Mean	20.44	21.16	21.58	20.42	21.80	20.23	20.48	20.99	21.93	21.91	21.26	21.06
Std. Dev.	0.729	0.590	0.501	0.286	0.794	1.204	0.364	0.778	0.334	0.610	0.897	0.346
%RSD	3.56	2.79	2.32	1.40	3.64	5.95	1.78	3.71	1.52	2.78	4.22	1.64

*Assay Procedure: all assays were fire assay, gravimetric finish on 30g samples*

### **APPROXIMATE CHEMICAL COMPOSITION:**

	Percent			Percent
SiO <sub>2</sub>	79.0		Na <sub>2</sub> O	0.8
Al <sub>2</sub> O <sub>3</sub>	5.2		MgO	1.1
Fe <sub>2</sub> O <sub>3</sub>	5.0		K <sub>2</sub> O	1.1
CaO	2.8		TiO <sub>2</sub>	0.3
MnO	0.1		LOI	3.3
S	0.8			

## **GOLD ORE REFERENCE STANDARD: CDN-GS-20A**

### **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The mean and standard deviation were calculated using all remaining data. Any analysis that fell outside of the mean  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

### **Participating Laboratories:**

(not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, Canada  
Activation Laboratories, Ancaster, Ontario, Canada  
Activation Laboratories, Thunder Bay, Ontario, Canada  
ALS Chemex, North Vancouver, Canada  
Assayers Canada Ltd., Vancouver, Canada  
Alex Stewart (Assayers) Argentina Ltd.  
Eco Tech, Canada  
Labtium Inc., Finland  
Omac Laboratory, Ireland  
International Plasma Laboratories, Canada  
TSL Laboratories Ltd., Saskatoon, Canada  
American Assay Lab, USA

### **Legal Notice:**

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

*Duncan Sanderson*  
\_\_\_\_\_  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

*Barry Smee*  
\_\_\_\_\_  
Dr. Barry Smee, Ph.D., P. Geo.

## **APPENDIX VI: LABORATORY PROCEDURES**



## Fire Assay Procedure

### Ag-GRA21, Ag-GRA22, Au-GRA21 and Au-GRA22 Precious Metals Gravimetric Analysis Methods

#### Sample Decomposition:

Fire Assay Fusion (FA-FUSAG1, FA-FUSAG2, FA-FUSGV1 and FA-FUSGV2)

#### Analytical Method:

Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold. Silver, if requested, is then determined by the difference in weights.

Method Code	Element	Symbol	Units	Sample Weight (g)	Detection Limit	Upper Limit
Ag-GRA21	Silver	Ag	ppm	30	5	10,000
Ag-GRA22	Silver	Ag	ppm	50	5	10,000
Au-GRA21	Gold	Au	ppm	30	0.05	1000
Au-GRA22	Gold	Au	ppm	50	0.05	1000

Revision 03.01  
Aug 17, 2005

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## Fire Assay Procedure

### Au- AA25 and Au- AA26 Fire Assay Fusion, AAS Finish

#### Sample Decomposition:

Fire Assay Fusion (FA-FUS03 & FA-FUS04)

#### Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 10 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA25	Gold	Au	ppm	30	0.01	100	Au-GRA21
Au-AA26	Gold	Au	ppm	50	0.01	100	Au-GRA22

Revision 03.02  
Nov 09, 2006

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## Fire Assay Procedure

### Au- AA23 & Au- AA24 Fire Assay Fusion, AAS Finish

#### Sample Decomposition:

Fire Assay Fusion (FA-FUS01 & FA-FUS02)

#### Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au-GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au-GRA22

Revision 04.00  
Aug 17, 2005

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## Fire Assay Procedure

### Au- ICP21 and Au- ICP22 Fire Assay Fusion ICP- AES Finish

#### Sample Decomposition:

Fire Assay Fusion (FA-FUSPG1 & FA-FUSPG2)

#### Analytical Method:

Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by inductively coupled plasma atomic emission spectrometry against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-ICP21	Gold	Au	ppm	30	0.001	10	Au-AA25
Au-ICP22	Gold	Au	ppm	50	0.001	10	Au-AA26

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## Geochemical Procedure

### ME- ICP61

### Trace Level Methods Using Conventional ICP- AES Analysis

#### Sample Decomposition:

HNO<sub>3</sub>-HClO<sub>4</sub>-HF-HCl digestion, HCl Leach (GEO-4ACID)

#### Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and the resulting solution is analyzed by inductively coupled plasma-atomic emission spectrometry. Results are corrected for spectral interelement interferences.

**NOTE:** Four acid digestions are able to dissolve most minerals; however, although the term "*near-total*" is used, depending on the sample matrix, not all elements are quantitatively extracted.

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Silver	Ag	ppm	0.5	100	Ag-OG62
Aluminum	Al	%	0.01	50	
Arsenic	As	ppm	5	10000	
Barium	Ba	ppm	10	10000	
Beryllium	Be	ppm	0.5	1000	
Bismuth	Bi	ppm	2	10000	
Calcium	Ca	%	0.01	50	
Cadmium	Cd	ppm	0.5	500	
Cobalt	Co	ppm	1	10000	Co-OG62
Chromium	Cr	ppm	1	10000	
Copper	Cu	ppm	1	10000	Cu-OG62
Iron	Fe	%	0.01	50	
Gallium	Ga	ppm	10	10000	

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## Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Potassium	K	%	0.01	10	
Lanthanum	La	ppm	10	10000	
Magnesium	Mg	%	0.01	50	
Manganese	Mn	ppm	5	100000	
Molybdenum	Mo	ppm	1	10000	Mo-OG62
Sodium	Na	%	0.01	10	
Nickel	Ni	ppm	1	10000	Ni-OG62
Phosphorus	P	ppm	10	10000	
Lead	Pb	ppm	2	10000	Pb-OG62
Sulphur	S	%	0.01	10	
Antimony	Sb	ppm	5	10000	
Scandium	Sc	ppm	1	10000	
Strontium	Sr	ppm	1	10000	
Thorium	Th	ppm	20	10000	
Titanium	Ti	%	0.01	10	
Thallium	Tl	ppm	10	10000	
Uranium	U	ppm	10	10000	
Vanadium	V	ppm	1	10000	
Tungsten	W	ppm	10	10000	
Zinc	Zn	ppm	2	10000	Zn-OG62

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## Geochemical Procedure

**Elements listed  
below are available upon request**

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Lithium	Li	ppm	10	10000	
Niobium	Nb	ppm	5	2000	
Rubidium	Rb	ppm	10	10000	
Selenium	Se	ppm	10	1000	
Tin	Sn	ppm	10	10000	
Tantalum	Ta	ppm	10	10000	
Tellurium	Te	ppm	10	10000	
Yttrium	Y	ppm	10	10000	
Zirconium	Zr	ppm	5	500	

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May 1, 2007

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## Assay Procedure

### ME- OG62

### Ore Grade Elements by Four Acid Digestion Using Conventional ICP- AES Analysis

#### Sample Decomposition:

HNO<sub>3</sub>-HClO<sub>4</sub>-HF-HCl Digestion (ASY-4A01)

#### Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)\*

Assays for the evaluation of ores and high-grade materials are optimized for accuracy and precision at high concentrations. Ultra high concentration samples (> 15 -20%) may require the use of methods such as titrimetric and gravimetric analysis, in order to achieve maximum accuracy.

A prepared sample is digested with nitric, perchloric, hydrofluoric, and hydrochloric acids, and then evaporated to incipient dryness. Hydrochloric acid and de-ionized water is added for further digestion, and the sample is heated for an additional allotted time. The sample is cooled to room temperature and transferred to a volumetric flask (100 mL). The resulting solution is diluted to volume with de-ionized water, homogenized and the solution is analyzed by inductively coupled plasma - atomic emission spectroscopy or by atomic absorption spectrometry.

\*NOTE: ICP-AES is the default finish technique for ME-OG62. However, under some conditions and at the discretion of the laboratory an AA finish may be substituted. The certificate will clearly reflect which instrument finish was used.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	1	1500
Arsenic	As	%	0.01	30
Bismuth	Bi	%	0.01	30
Cadmium	Cd	%	0.0001	10
Cobalt	Co	%	0.001	20
Chromium	Cr	%	0.002	30

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## Assay Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Copper	Cu	%	0.001	40
Iron	Fe	%	0.01	100
Manganese	Mn	%	0.01	50
Molybdenum	Mo	%	0.001	10
Nickel	Ni	%	0.001	30
Lead	Pb	%	0.001	20
Zinc	Zn	%	0.001	30

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## Fire Assay Procedure

### Au- SCR21 Precious Metals Analysis - Screen Metallics Gold, Double Minus

#### Sample Decomposition:

Fire Assay Fusion

#### Analytical Method:

Gravimetric

1000 g of the final prepared pulp is passed through a 100 micron (Tyler 150 mesh) stainless steel screen to separate the oversize fractions. Any +100 micron material remaining on the screen is retained and analyzed in its entirety by fire assay with gravimetric finish and reported as the Au(+)fraction result. The -100 micron fraction is homogenized and two sub-samples are analyzed by fire assay with AAS finish (Au-AA25 and Au-AA25D). The average of the two AAS results is taken and reported as the Au (-) fraction result. All three values are used in calculating the combined gold content of the plus and minus fractions.

In the fire assay procedure, the sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required in order to produce a lead button. The lead button, containing the precious metals, is cupelled to remove the lead and the resulting precious metal bead is parted in dilute nitric acid, annealed and weighed to determine gold content.

The gold values for both the +100 and -100 micron fractions are reported together with the weight of each fraction as well as the calculated total gold content of the sample.

#### **Calculations:**

$$\text{Au}^- \text{avg} = \frac{\text{Au}^-(1) + \text{Au}^-(2)}{2}$$

$$\text{AuTotal}(g/t) = \frac{(\text{Au} - \text{avg}(g/t) \times \text{Wt. Minus}(g) \times 10^{-6} t/g) + (\text{Weight Au in Plus}(mg) \times 10^{-3} g/mg)}{(\text{Wt. Minus}(g) + \text{Wt. Plus}(g)) \times 10^{-6} t/g}$$

Jul 30, 2004

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## Fire Assay Procedure

### Fire Assay

#### Procedure – Au- SCR21

#### Precious Metals Analysis – Screen Metallics Gold, Double Minus cont'd

Determination Reported	Description	Detection Limit	Upper Limit	Units
Au Total (+)(-) Combined	Total gold content of sample as determined by metallics calculation above.	0.05	1000	ppm
Au (+) Fraction	Gold content of plus fraction determined by Au-GRA21.	0.05	100,000	ppm
Au (-) Fraction	Gold content of minus fraction. Reported as average of two subsamples.	0.05	1000	ppm
Au-AA25	Gold content of first minus fraction subsample.	0.05	1000	ppm
Au-AA25D	Gold content of second minus fraction subsample.	0.05	1000	ppm
Au (+) mg	Weight of gold in plus fraction.	0.001	1000	mg
WT. (+) Fraction Entire	Weight of plus fraction.	0.01	1000	g
WT. (-) Fraction Entire	Weight of minus fraction.	0.1	10,000	g

Jul 30, 2004

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