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BC Geological Survey
Assessment Report
38233

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: $598,181.26

AUTHOR(S): Adrian Newton, P.Geo

SIGNATURE(S): Adrian Newton

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): NOW File No: 14675-20/0100008; March 10, 2017

YEAR OF WORK: 2018

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event Number 5740926 / Filed May 9, 2019

PROPERTY NAME: SNIP

CLAIM NAME(S) (on which the work was done): 1056547 (WESTSIDE), 1056548 (CLEA), 1056595 (PHIZGAP), 222219 (SKY 3), 222347 (SNIP 3), 300552 (JIM 1), 300553 (JIM 2)

COMMODITIES SOUGHT: Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 104B 250

MINING DIVISION: Liard

NTS/BCGS: 104B

LATITUDE: 56 ° 39 '51.35 " LONGITUDE: 131 ° 07 '32 " (at centre of work)

OWNER(S):
1) Skeena Resources Ltd.
2)

MAILING ADDRESS:
650 - 1021 West Hastings Street, Vancouver, BC, V6E 0C3

OPERATOR(S) [who paid for the work]:
1) Skeena Resources Ltd.
2)

MAILING ADDRESS:
650 - 1021 West Hastings Street, Vancouver, BC, V6E 0C3

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Red Bluff Porphyry, Jurassic, Texas Creek Plutonic Suite, Stuhini Group Triassic Sediments, Twin Zone Epithermal Gold, Jim Porphyry Early Jurassic Intrusive, Sky Creek Shear Zone, Bronson Stock Triassic Intrusive, Sericite-Pyrite Alteration, Snip Mine

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 01657, 00630, 15336A, 16748, 15621, 00769, 36883

Next Page

| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|---|---|---|
| **GEOLOGICAL (scale, area)** | | | |
| Ground, mapping | | | |
| Photo interpretation | | | |
| **GEOPHYSICAL (line-kilometres)** | | | |
| Ground | | | |
| Magnetic | | | |
| Electromagnetic | | | |
| Induced Polarization | | | |
| Radiometric | | | |
| Seismic | | | |
| Other | | | |
| Airborne | | | |
| **GEOCHEMICAL (number of samples analysed for...)** | | | |
| Soil | | | |
| Silt | | | |
| Rock | | | |
| Other | | | |
| **DRILLING (total metres; number of holes, size)** | | | |
| Core | 649.0 m; 3 holes; NQ2 | 300552, 300553 | $575,412.70 |
| Non-core | | | |
| **RELATED TECHNICAL** | | | |
| Sampling/assaying | 520 NQ2 core samples | 300552, 300553 | $22,768.56 |
| Petrographic | | | |
| Mineralographic | | | |
| Metallurgic | | | |
| **PROSPECTING (scale, area)** | | | |
| **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: | $598,181.26 |

# Assessment Report

for the

# 2018 Diamond Drilling Program
# on the
# Snip Gold Property

in the

**Liard Mining Division**
**British Columbia, Canada**

NTS Map Sheets 104B11

Centre of Work Area:

**Latitude:** 56° 39' 51.35" N; **Longitude:** 131° 07' 32.0" W

Owned and Operated by:

**Skeena Resources Ltd.**
Suite #650 – 1021 West Hastings Street
Vancouver, B.C.
V6E 0C3

Report Author:

Adrian Newton, B.Sc., P.Geo., Skeena Resources Ltd.

Original Report Submitted May 9, 2019
Amended Report Submitted October 29, 2019

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# 1.0 Executive Summary

The Snip gold property is located 100 km north-northwest of Stewart, British Columbia. The property is 100% owned by Skeena Resources Ltd. and consists of seven (7) mineral claims and one (1) mineral lease covering 4,528.38 hectares. The historic Snip Gold mine produced 1.1 million ounces of gold at an average grade of 27.53 g/t Au during the period 1991-1999. During the 2018 exploration season, 54 diamond drill holes (11,298.25 m) were completed on the property. From this, 51 holes (10,649.25 m) were drilled within the mining lease while the remaining three holes (649.00 m) were drilled on the surrounding mineral claims. This report summarizes relevant past work and documents the 2018 surface exploration drilling program completed on the mineral claims for assessment credit.

Helicopter supported exploration was conducted from a camp constructed on the site of the old Snip mine processing facility. Mobilization and demobilization, temporary accommodation and logistical support was enabled using the AltaGas operated McLymont and Forrest Kerr hydroelectric facilities on the Iskut River.

The 2018 surface drilling program was designed to test gold in soil anomalies identified in proximity to the Jim Porphyry and the Bronson Creek stock. The program commenced on the 7th of November 2018 and completed on the 30th of November 2018. A total of 649.00 metres of diamond drilling from three holes was completed and included analysis of 520 core samples.

A statement of work (Event Number ID 5740926) was filed on the seven contiguous mineral claims on May 9th, 2019 for a total of $667,168.06; an amended total of $598,181.26 is being claimed for assessment credit in this report. On condition of acceptance of this Assessment Report, this is sufficient to push forward the expiry of the seven mineral claims from 2019 to 2029.

# 2.0 Introduction

## 2.1 Terms of Reference

This report provides a description of the surface diamond drilling exploration program completed by Skeena Resources Ltd. (“Skeena”) on the Snip Gold property for assessment credit. A total of 649.00 metres of diamond drilling was completed in three holes during the period November 7-30, 2018. The exploration program was co-managed by Colin Russell (P.Geo) and Adrian Newton (P.Geo) with guidance provided by Paul Geddes, P.Geo, Vice President of Exploration and Resource Development at Skeena Resources Ltd.

The work was conducted under work approval for Mines Act Permit MX-1-959.

## 2.2 Property Location and Description

The Snip Gold Project is located in the Golden Triangle region of British Columbia, Canada, on the western flanks of the Coast Mountain ranges. The property epicenter is located at 56° 39’ 51.35” N and 131° 07’ 32.0” W.

The property lies 1.5 km south of the Iskut River, near the tributary of Bronson Creek (Figure 1). It is 100 km north-northwest of Stewart, 320 km northwest of Smithers, 330 km north-northwest of Terrace and 80 km east of Wrangell, Alaska. The property is located wholly within NTS map sheet 104B/11 and is within the Traditional Territory assertions of the Tahltan Nation.

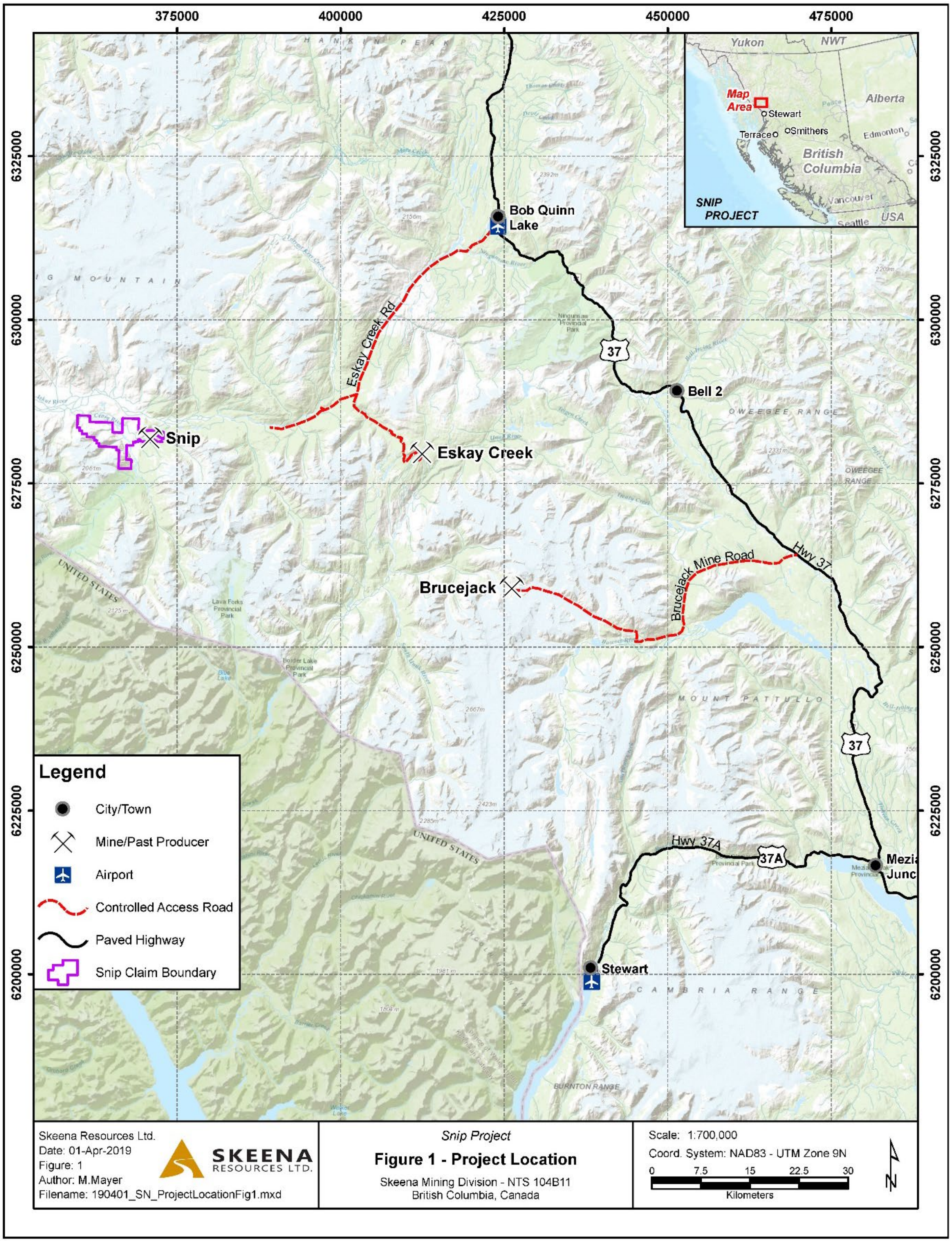



**Figure 1.** Snip project location map.

## 2.3 Access

Access to the Snip Gold property can be gained either by direct air or boat transportation to the 1.5 km long Bronson Airstrip located adjacent to the Iskut River. Direct charter flights by fixed wing aircraft can land at the Bronson airstrip which is maintained under Licence of Occupation No. 635844 by SnipGold Corp, a subsidiary of Seabridge Gold. The Snip Gold property is located immediately south of Bronson Airstrip.

Alternatively, the property can be accessed using a combination of vehicle and helicopter transportation. The closest vehicle access to the project is via Highway 37 (Stewart Cassiar Highway). The Eskay Mine Road is an all-season gravel road that connects to Highway 37 approximately 135 km north of Meziadin Junction (Figure 2). The Eskay Mine Road is a 58.5 km private industrial road that is operated by AltaGas Ltd. (0 km to 43.5 km) and Skeena Resources Ltd. (43.5 km to 58.5 km). At kilometre 37.5, a secondary road heads west to the AltaGas Ltd. McLymont staging area; this is the closest road access to the property. From McLymont, it is a 10-minute helicopter flight (18 km) to Snip camp.

## 2.4 Local Resources and Infrastructure

The Snip Gold property is located in the Pacific northwest region of British Columbia, Canada. Support services for mining and other resource sector industries in the region are provided primarily by the communities of Smithers (pop. 5,400) and Terrace (pop. 11,500). Both communities are accessible by commercial airlines with daily flights to and from Vancouver. Volume freight service in the region is supported by rail connections that extend from tidewater ports in Prince Rupert and Vancouver. The closest tidewater port to the project is located in Stewart, approximately 260 km from the Project. Stewart is an ice-free shipping location and provides access for bulk shipping 365 days/year.

Road infrastructure in the region is well developed. Highway 16 (Yellowhead Highway) extends from Prince George in central British Columbia, through several communities including Smithers and Terrace, and terminates at the Port of Prince Rupert. Highway 37 (Stewart Cassiar Highway) connects to Highway 16 at Kitwanga and extends to the Alaska Highway in the Yukon. The Eskay Mine Road connects to Highway 37 roughly 293 km north from Kitwanga. Driving time from either Smithers or Terrace to the McLymont staging area is approximately five hours.

The region is supported by the Provincial power grid. A 287 kV transmission line extends from a grid connection at Terrace to Bob Quinn, primarily following Highway 37. Power supply opportunities exist close to the Snip Gold project. The Forest Kerr, McLymont, and Volcano Creek hydroelectric plants are within 20 km and collectively produce up to 277 MW which is fed to the provincial grid via transmission lines that extend along the Eskay Mine Road.

Services, workforce, supply chains, and infrastructure are all well established in the region to support mining operations.

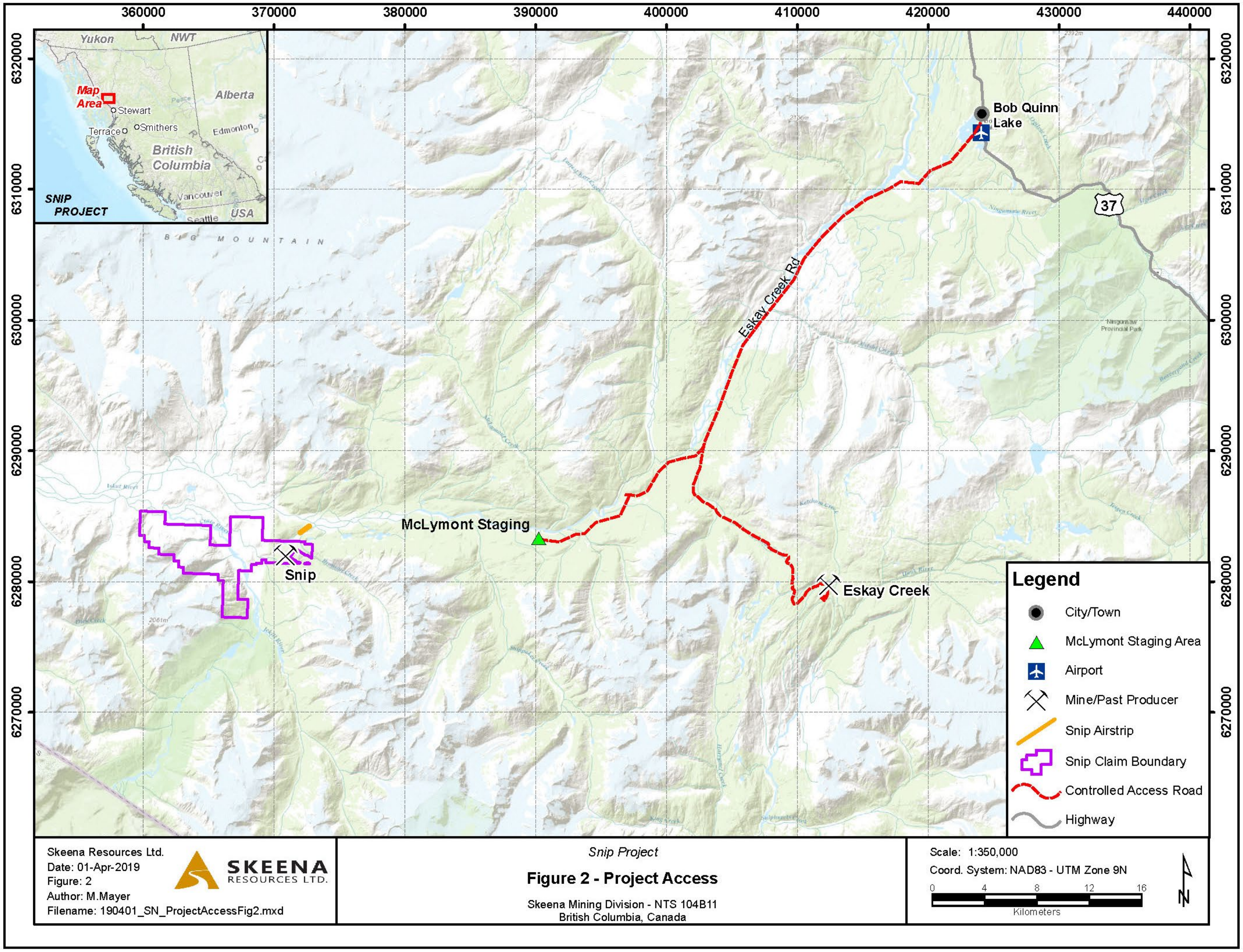



**Figure 2.** Snip project access map.

## 2.5 Climate and Physiography

The Snip Gold property is located within the Coast Mountains, a major regional chain extending from Alaska, through British Columbia and into Washington State. The dominant feature of the region is the Stikine Icecap which is centered 80 km to the northwest of the property along the Alaska border. The Snip Gold property lies between the Iskut River, Craig River and Bronson Creek within the Stikine Watershed.

Local elevations vary from just over 100 metres ASL at Bronson Creek, to 900 metres ASL in the subalpine located in the far south-eastern portion of the property.

There are no long-term weather datasets available for the region. Data recorded from a weather station located on the Bronson Airstrip from 1994 to 1998 (Lawrence and Seen, 2009) shows the annual precipitation between 1300 and 2100 mm of which 30% fell as snow. Precipitation levels were highest in September and October and lowest in the period May through August.

Mean daily temperatures were highest in July and August reaching approximately 16° C, and lowest in January falling to -15° C. The highest temperature recorded on site over the 5-year period was 31° C and the lowest temperature recorded was -32° C.

For a review of flora and fauna, the reader is directed to the report by Burgoyne (2010), which provides a list covering species on and around Johnny Mountain. The property lies within the Coastal Western Hemlock BEC Zone and a small portion of the eastern property is mapped as Mountain Hemlock. The Snip Gold property has almost no alpine vegetation, with sub-alpine flora dominated by scattered Sitka Spruce, with transition to Engelmann Spruce, farther east.

At lower elevations in proximity to Bronson Creek, natural vegetation is Western Hemlock and Sitka Spruce, with riparian populations of cottonwood and spruce. Devil's club and slide alder can be thick in low to moderate elevations and disturbed areas are overrun with the same vegetation. Huckleberry, blueberry, grouseberry and mountain arnica grow at various elevations. Natural regrowth is rapid, with hemlock and spruce growing to five metres within twenty years.

# 3.0 Property Ownership

## 3.1 Mineral Tenure

The 4,528.38-hectare Snip Gold property consists of seven mineral claims and one mining lease (Figure 3, Table 1) which are 100% owned by Skeena Resources Ltd. The property is contiguous, except for a portion of Mining Lease 226132 which is a remnant of an earlier claim swap with a predecessor of Seabridge Gold Inc. The good-to-dates reflect event ID 5740926 which was recorded on May 9th, 2019 and are subject to acceptance of this assessment report.

There are no royalties on the property.

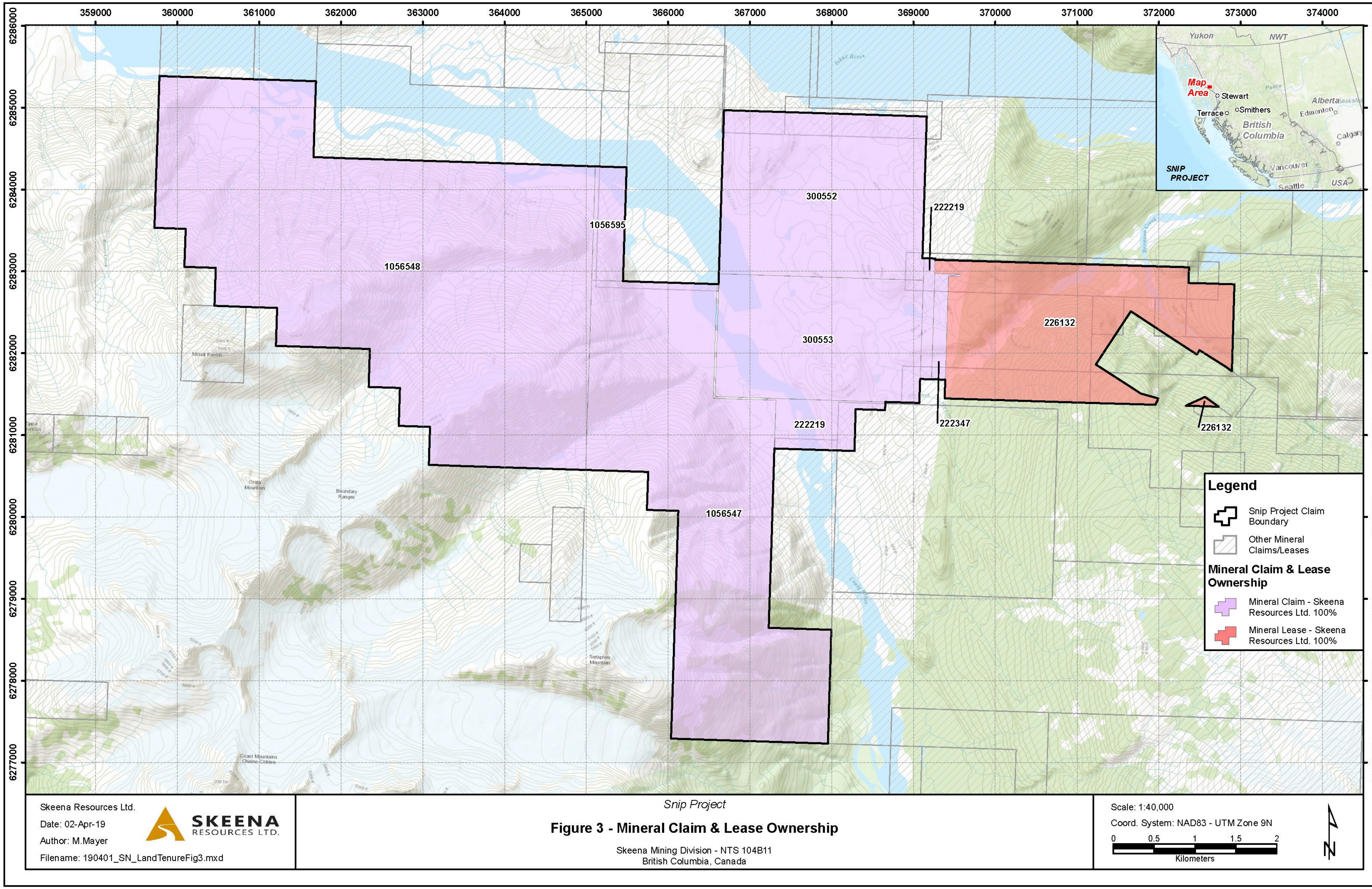



**Figure 3.** Snip property Mineral Claim and Lease Ownership.

**Table 1.** Snip property mineral titles.

| Title Number | Claim Name | Title Type | Issue Date | Good to Date | Area (Hectares) |
|---|---|---|---|---|---|
| 222219 | SKY 3 | Mineral Claim | 9/13/1982 | 7/15/2029 | 500.00 |
| 222347 | SNIP 3 | Mineral Claim | 10/20/1983 | 7/15/2029 | 75.00 |
| 226132 | | Mining Lease | 7/21/1989 | 7/21/2019 | 482.07 |
| 300552 | JIM 1 | Mineral Claim | 7/22/1986 | 7/15/2029 | 500.00 |
| 300553 | JIM 2 | Mineral Claim | 7/22/1986 | 7/15/2029 | 375.00 |
| 1056547 | WESTSIDE | Mineral Claim | 11/21/2017 | 5/22/2029 | 925.13 |
| 1056548 | CLEA | Mineral Claim | 11/21/2017 | 5/22/2029 | 1617.85 |
| 1056595 | PHIZGAP | Mineral Claim | 11/22/2017 | 5/22/2029 | 53.33 |

# 4.0 Exploration and Production History

The Iskut area has been subject to extensive exploration dating back well over 100 years. In 1907, a prospecting syndicate from Wrangell Alaska named the “Iskut Mining Company,” recorded claims on Bronson Creek. These claims would later become Crown Granted and still exist to this day. In 1909, the Red Bluff claims were staked, and from 1908 to 1911, several short adits were driven into the Red Bluff porphyry to obtain a bulk sample (King, 1988).

From 1911 to 1920, the Iskut Mining Company reported trenching, stripping and drifting on several gold bearing veins on the Red Bluff and Iskut claims, on and adjacent to the current Snip property. Extracted material from the original Iskoot claims, assayed at 0.06 oz. Au, 44.2 oz. Ag and 12.4% Cu (King, 1988).

In 1929, Cominco Ltd. (“Cominco”) staked 42 claims on Johnny Mountain, however, these would lapse soon after and the area experienced no recorded work until 1954 (King, 1988).

Geologist Forrest Kerr mapped portions of the Iskut River region from 1926- 1929, and published GSC map 311A in 1935. Kerr's memoir 246 on the area was published posthumously in 1948. The Geological Survey of Canada's "Operation Stikine" in 1956 mapped the Stikine-Iskut area on a regional basis, publishing it as GSC Map 9-1957 (Nichols, 1989).

From 1954 to 1960, Hudson Bay Mining and Smelting Co. Ltd.’s drilling resulted in copper discoveries on and near the Johnny Mountain Gold Mine. In 1964, Cominco Ltd. targeting copper, optioned claims from Tuksi Mining Company and Jodi Explorations Ltd. and in 1965 completed drilling on the Red Bluff claim North and East of the property. In 1973 and 1974, the same property was examined by Texas Gulf Sulphur Inc. for its copper and base metal content (King, 1988).

In 1964, the Tuksi Mining Co. acquired Crown grants, and Jodi Exploration Co., Cominco Ltd. and Copper Soo Mining Co. staked claims around Tuksi’s property. Further work at that time discussed the regional geology of the Iskut Area and can be found in Mawer (1964), Parsons (1965), Nagy (1966) and Bagshaw (1968).

The following year Cominco Ltd. concentrated an exploration program on the Red Bluff porphyry copper deposit and discovered visible gold in a vein exposed in a nearby creek bed. In 1966, channel sampling on the vein returned assays up to 244 ppm Au over 1.2 metres.

From 1980 to 1986, grass roots exploration, soil sampling and trenching were conducted on the Snip property by Cominco. In 1986, Cominco signed a JV agreement with Delaware Resources Corp., who provided the funding for the project, and over two years, drilled over 15,000 metres. The work outlined the Twin Zone, and a decision was made to go underground in 1988, via a portal at the 300 metre elevation. An additional 6,800 metres of surface drilling, coupled with underground development and related drilling at 12.5 metre centers, produced a first reserve estimate for the Twin Zone of 940,000 tonnes grading 28.5 g/t Au (Nichols, 1989).

The Snip Mine operated between January 1991 and June 1999, first by Cominco Ltd. and then, beginning in 1996, by Homestake Canada Inc. The mine was closed in October 1999. In 2001, the property was acquired by Barrick Gold Inc. ("Barrick") as part of its acquisition of Homestake Canada Inc. (Sibbick and MacGillivray, 2006).

The property lay dormant until 2016 when Skeena entered into an agreement with Barrick, granting an option to acquire a 100% interest in the past producing gold mine and associated mineral claims.

In 2016, Skeena Resources Ltd. completed 7,179.1 m of diamond drilling in 29 holes, collected 668 soil samples, and completed 171 line kilometres of airborne magnetic surveying. The majority of drilling was completed on the portion of the property covered by the mining lease. The drilling program was designed to test targets in the Twin and Twin West Zones of the mining lease as well as regional targets located on the mineral claims portion of the property. Infill soil sampling was conducted to test the continuity of historic gold anomalies and to add multi-element data in areas which previously only had gold data.

In 2017, Skeena worked entirely on the mining lease at Snip. During the early part of the 2017 season, work focused on camp expansion including construction of six additional structures (kitchen/dining hall, dry/washhouse, first aid, office, storage shed and generator shack) along with reopening and rehabilitating the 300 portal access road. In mid-August the 300 portal plug was removed allowing underground access. Utilizing two underground drills, drilling commenced on October 12th and continued until December 16th on several levels from the 300 to the 550. A total of 8,650.86 metres were drilled testing several targets including the Upper Twin, Twin, 150 Vein and the 412 Zone.

## 4.1 Past Production

The Snip Gold Mine began production in January 1991 and was officially opened on July 25th, 1991. Ore was mined using conventional shrinkage and cut and fill methods in the lower parts of the orebody, while mechanized cut and fill methods were used in the upper, wider parts of the orebody.

Initial plant design was planned for a daily production of 300 tonnes. Diluted ore reserves at start-up using a 12 g/t gold cut-off, totaled 940,000 tonnes grading 28.5 g/t gold, with a mine life of ten years at an annual output of 2.9 million grams (93,000 oz gold).

In the first year, mine production totaled 119,812 ounces from 122,648 tonnes mined. That same year, the first resource estimate on the 150 Vein was calculated at 46,300 tonnes grading 32.0

g/t Au. Peak total gold ounce production occurred in 1992 with 164,713 tonnes grading 31.73 g/t (1.02 oz/t or 168,011 ounces). A peak production rate of 472 tpd (172,163 tonnes) at an average grade of 25.46 g/t Au occurred two years later.

The Snip Mine consisted of an underground mining operation, mill, tailings impoundment and ancillary facilities. The mine was a fly-in / fly-out operation which was serviced by air flights from Wrangell, Alaska, Bob Quinn Lake and Smithers to the Bronson Airstrip located adjacent to Snip.

Access to the underground workings was provided by a series of portals that accessed the Twin Zone (130, 180, 300, 340, 400, 420, 440, and 520 portals) and Twin West Zone (150 and 225 portals). Access and haulage from the Twin Zone workings was provided by the 130 and 180 portals. The mill and ancillary facilities were located north of the mine between Monsoon and Bronson Creeks. The tailings impoundment was constructed in the saddle of a narrow valley forming the headwaters to both Monsoon Creek and Sky Creek. Dams were constructed at each end to form a tailings impoundment approximately 150 metres wide and 800 metres long. Discharge from the impoundment was directed towards Sky Creek.

Ore was mined using a variety of underground mining methods and hauled to the mill for processing. Free gold was recovered from the ore using shaker tables and processed on site into doré bars; approximately 34% of the gold was recovered by this process. A sulphide-rich concentrate was subsequently produced and shipped to Japan for processing. Overall metallurgical recovery was estimated at 91.5%.

Mine waste generated during operations included waste rock and tailings. During operation, limited waste rock (180,000 Mt) was stockpiled in dumps adjacent to five portals (130, 180, 300, 440 and 150). The bulk of the waste rock was ground down and used as hydraulic backfill (280,000 Mt), or placed directly as rock fill underground (344,648 Mt). Tailings were discharged to the tailings pond.

By the end of 1998 total production was 1,250,198 tonnes grading 27.53 g/t gold (0.88 oz/t) or 1,106,510 ounces gold. A production summary is detailed in Table 2 (Nichols et al., 2017). The mine was closed and reclaimed in 1999.

**Table 2.** Snip mine historic production statistics.

| Zone | Tonnes | Tonnes (%) | Grade (g/t) | Grade (oz/t) | Grams | Ounces | Au (%) |
|---|---|---|---|---|---|---|---|
| Twin | 762,437 | 61% | 28.95 | 0.93 | 22,070,709 | 709,601 | 64% |
| 150 vein | 277,926 | 22% | 25.41 | 0.82 | 7,060,746 | 227,012 | 21% |
| HW min | 89,288 | 7% | 26.86 | 0.86 | 2,398,031 | 77,100 | 7% |
| FW min | 67,712 | 5% | 28.31 | 0.91 | 1,916,875 | 61,630 | 6% |
| 130 vein | 26,582 | 2% | 19.9 | 0.64 | 528,929 | 17,006 | 2% |
| T-West | 9,668 | 1% | 18.1 | 0.58 | 174,967 | 5,625 | 1% |
| Misc | 16,585 | 1% | 16.01 | 0.51 | 265,536 | 8,537 | 1% |
| Total | 1,250,198 | 100% | 27.53 | 0.88 | 34,415,792 | 1,106,510 | 100% |

# 5.0 Geology

## 5.1 Regional Geology

Despite extensive exploration, there has been a tendency to rely on only a few authors for information on the regional geology. The following geologic overview by Rhys (1994) provides the best summary of the regional geology of the area:

> The region lies within the Intermontane Belt, located on the western margin of the Stikine terrain. Anderson, (1989), recognized three distinct stratigraphic elements in the western portion of the area; Upper Paleozoic schists, argillites, coralline limestone and volcanic rocks of the Stikine Assemblage; the Triassic Stuhini Group volcanic and sedimentary arc related strata, and Lower to Middle Jurassic Hazelton Group volcanic and sedimentary, arc-related strata. The region is host to many economic metal deposits and is often referred to as the "Golden Triangle".
>
> Intrusive rocks in the Iskut River region comprise five plutonic suites. The Stikine plutonic suite is composed of Late Triassic calc-alkaline intrusions which are coeval with 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. The Tertiary age Coast Plutonic Complex is represented by predominantly granodioritic to monzonitic Eocene intrusions of the Hyder plutonic suite, exposed 12 km south of the Bronson Slope deposit (Britton et al., 1990).
>
> The age, mineralogy and texture of the adjacent Red Bluff porphyry stock (associated with the adjacent Bronson Slope deposit), suggest that it belongs to the economically important Early Jurassic Texas Creek plutonic suite (see Alldrick, 1985; Alldrick et al, 1987; Brown, 1987). Plutons of this suite are located in the Stewart, Iskut River region and range in age from 196 to 185 My (Anderson, 1993; MacDonald et al., 1992). Additional reference material includes Alldrick et al., (1990).

Kyba and Nelson (2013) have mapped the Triassic – Jurassic unconformity at several locations throughout the "Golden Triangle" of Northern BC. The trace of this contact, shown as a red line in Figure 4 demonstrates that most of the major deposits in the region, including the Snip deposit, occur within 2.5 kilometres of the unconformity.

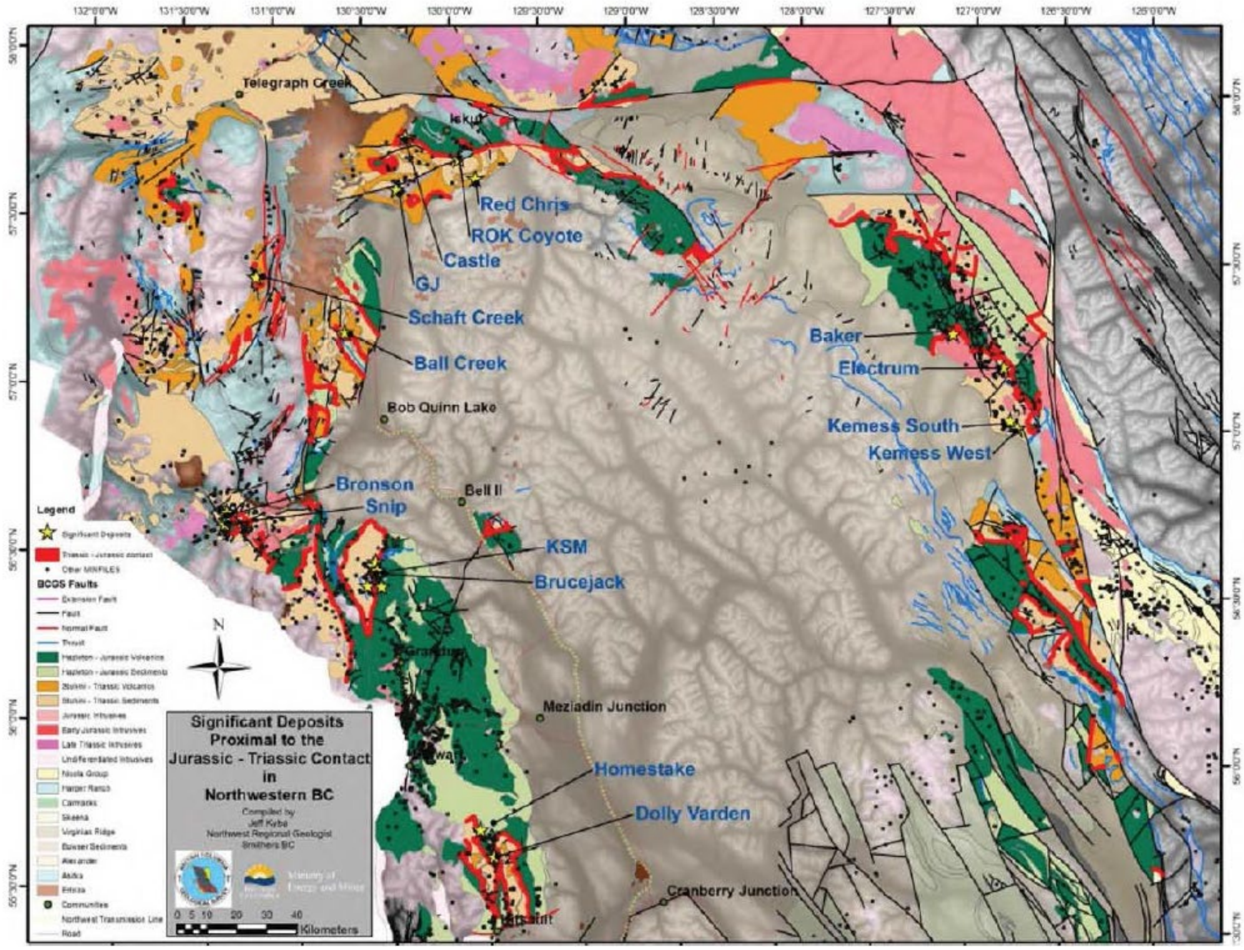



**Figure 4.** Proximity of significant deposits to the Jurassic-Triassic boundary in NW BC (from Kyba, 2015).

More recent regional work has investigated or merely reported on, the geology, mineralization and to some extent, structure of the region. Nelson and Kyba's (2015) work on the regional porphyry mineralization provides general information on the geology. Their work did not specifically address Snip property geology but shows that the Snip deposit is located along a significant regional structure known as the Bronson Corridor (Figure 5).

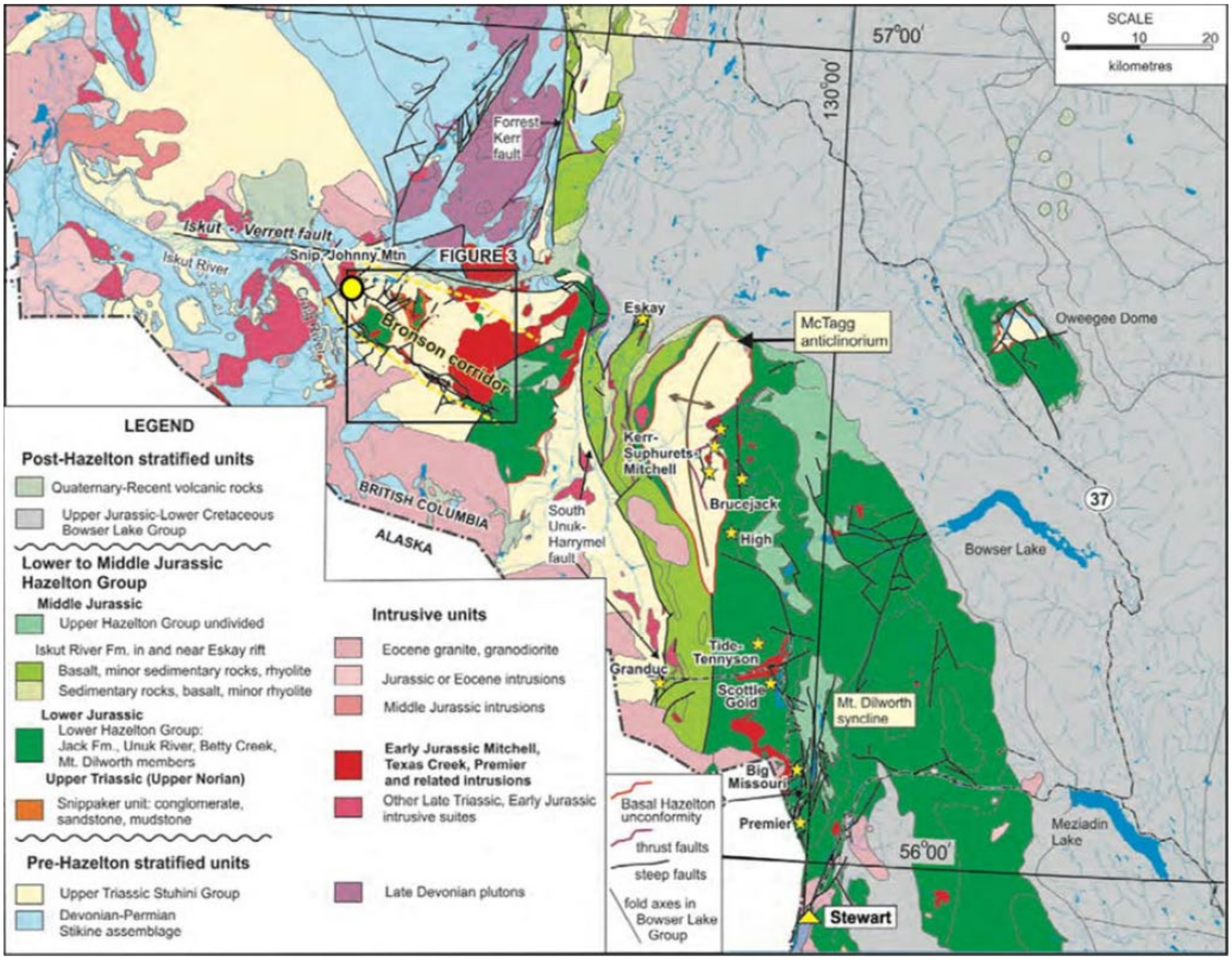



**Figure 5.** Regional geology (from Nelson and Kyba, 2015).

## 5.2 Property Geology

Due to a lack of internal geologic markers, the property geology can only be broadly differentiated. The following is a brief description of lithologies, based largely on observations from Rhys (1993).

1. Strata of the Upper Triassic Stuhini Formation underlies most of the Snip property which consists of moderately to weakly metamorphosed feldspathic turbiditic greywackes with subordinate interbedded siltstones, mudstones, volcanic conglomerate and rare dolostone and/or limestone. As seen mostly from the Snip underground workings, the rocks consist primarily of grey weathering massive fine to medium grained poorly sorted feldspathic to lithic greywacke. Laminated and graded beds of siltstone and mudstone comprise between 3-15% of the sequence. Massive coarse-grained greywacke comprising 5–10%, and less abundant matrix supported volcanic conglomerate (1–2%) also occur throughout. Greywacke framework grains consist of, in decreasing order of abundance, plagioclase (mainly albitic), quartz, K-feldspar, siltstone/mudstone and volcanic rock fragments. Graded bedding, lack of any other sedimentary structures, clast type and angularity, poor sorting and abundance of sandstone suggest that these rocks formed as turbidites proximal to a volcanic source. Abundant subhedral and angular

plagioclase suggest that there may be reworked crystal tuffs in the sequence. Bedding throughout the workings dips moderately to steeply north to northwest. Laminated graded beds of siltstone and greywacke are upright and face north.

2. The Red Bluff Porphyry is exposed on the mountain in the north-eastern portion of the property, extending eastwards onto the Seabridge Gold property. Approximately two km long and 250 metres wide, it is exposed north of the Snip Mine, trending parallel to it, and is probably cut off to the west by the Monsoon Lake Fault. Underground, it is separated by 850 metres from the orebody at the 180-metre elevation, and by 400 metres at the 600-metre elevation. It has been dated at 194+ 1 Ma. (MacDonald et al, 1992).

   Underground, the Red Bluff Porphyry is observed as a porphyritic to megacrystic K-feldspathic quartz diorite, tan to greenish grey, altering the host greywackes to a quartz-sericitic assemblage. Compositionally, it is plagioclase quartz- K-feldspathic, and has undergone two phases of alteration, potassic and phyllic, the former characterized by a quartz-magnetite-sericite-K-feldspar-biotite-hematite-pyrite-chalcopyrite assemblage altering over 80% of the intrusion, the latter, a sericite-pyrite-quartz-albite assemblage. Phyllic alteration occurs throughout the porphyry and in some of the adjacent sediments.

   Giroux and Gray (2010), in their technical assessment of the Bronson Slope Property for Skyline Resources, describes the porphyry as:

   “The Red Bluff porphyry (a portion of which extends westwards onto the Snip Gold Property), is a hydrothermally altered K-feldspar megacrystic, plagioclase porphyritic intrusion of probable quartz diorite to quartz monzonite composition. Subhedral tabular pink K-feldspar phenocrysts generally vary in length from 2 mm to 20 mm. They usually comprise from less than 1% to 5% of the modal mineralogy. The matrix to the K-feldspar megacrysts consists of medium-grained porphyry containing phenocrysts of albitic plagioclase altered amphibole and quartz. The plagioclase is usually completely altered to aggregates of sericite ± quartz ± K- feldspar. Mafic phenocrysts, probably original hornblende from grain shapes, are commonly altered to magnetite, hematite, pyrite, biotite, and chlorite. Equant, clear to smoky sub rounded quartz phenocrysts, 0.2 mm to 1.5 mm in diameter, comprise less than 1% to 4%. In areas of moderate to intense alteration original quartz is difficult to identify.”

   “Accessory minerals include apatite, zircon and titanite. The fine-grained matrix to the phenocrysts forms between 35% and 70% of the rock volume.”

   “Quartz-magnetite-hematite veins are the earliest phase of veining in the Red Bluff porphyry system. They form an intense stock work that is spatially related to the Red Bluff porphyry.”

   “The quartz - Fe-oxide stockwork and altered sediments on its southwest margin are overprinted by quartz-pyrite ± chalcopyrite veins/alterations and pyrite + chalcopyrite veinlets that are associated with the highest gold and copper grades. Where quartz-pyrite assemblages overprint and sulphidise the quartz-Fe-oxide stockwork there is a net loss of iron from the system. Veins are discrete, with sharp boundaries outside the stockwork in greywacke, but have indistinct alteration boundaries with quartz- Fe-oxide veins within the stockwork."

"The overall sequence from intense early Fe-oxide veining to less intense quartz-pyrite-chalcopyrite veins and finally to pyrite and carbonate stringers corresponds with a progressive decrease in the total amount and intensity of veining through time."

"A 25 to 50-metre-wide zone known as the transition zone of K-feldspar + Fe oxide alteration in greywacke occurs along the western upper periphery of the quartz-magnetite-hematite stock work and separates stock work from biotitic greywacke to the west. Calcite veinlets, common in the biotitic greywacke, become predominantly quartz veinlets in the transition zone."

3. A distinctive unit at Snip Mine is the Biotite Spotted Unit, or 'BSU'. It is typically described as a non-mineralized basic to intermediate biotitic dyke that intrudes the Twin Zone vein mineralization.

   Mining indicated it tended to follow the plane of the Zone, with dips from 50°-70° at lower and upper elevations with shallower, mid-elevation dips. Widths range from several decimetres up to five metres with an average width of 2.5-3 metres. It is moderately to strongly biotitized and hosts calcite-pyrite quartz-sericite-chlorite. Biotite content ranges from two to 20% as disseminations, veins and fracture infill.

4. The Bronson Stock is a poorly documented heterogeneous, medium-grained equigranular plagioclase rich clinopyroxene-amphibole bearing diorite. The stock lies north and north-west of the former producing Snip Mine. A poorly constrained Late Triassic U-Pb zircon age date of between 197 Ma and 225 Ma was obtained from a K-feldspar and plagioclase phyric monzodiorite phase of this unit (Macdonald et al, 1992). It has also been noted by various workers that the Stock has been intruded by several dykes, sills; and small stocks, of unknown age and intermediate to mafic composition.

   Contacts of the stock with country rocks are not well defined, but where observed in drill core, are either faulted or intrusive. The southwest and northeast contacts appear to be southwesterly dipping. Screens of altered greywacke up to 40 m wide are common throughout the intrusion.

5. There are few surface exposures of felsic to intermediate extrusive and chronologically related intrusive lithologies. 2016 drilling on the Jim claims intersected the extrusive unit and possibly the intrusive unit. They are characterized as feldspar-phyric, feldspar-quartz rich pyroclastic fall, ash-lapilli, agglomeratic, debris flow and volcaniclastic sections intruded by mineralogically similar dykes and sills. Feldspar porphyroblastic dacitic

intrusions may have been intersected in previous holes (based on conclusions, and inferences drawn from 2016 core, past drill logs and Rhys reported images), with some intercepts suggesting they could represent additional porphyry copper targets. Their extents are unknown due to lack of outcrop and drill density. It is conceivable that they represent Hazelton Group equivalent rocks. Rhys (1997), suggests some of the feldspar porphyroblastic dykes ascribed to the loosely termed and even more loosely defined 'Jim Porphyry system', are related to the Jurassic age Texas Creek Plutonic suite. His generalized definition of the 'Jim Porphyry System' is based on examination of over a dozen holes. A quartz (vein) stockwork is near ubiquitous in drill holes with several intersecting megacrystic K-feldspar porphyry dykes. Alteration is an assemblage of quartz-sericite-chlorite-albite-pyrite-carbonate.

6. Un-deformed lamprophyre dykes of probable Tertiary (Oligocene) age have been mapped and seen in drill core at several locations on the property, as have lower Jurassic feldspar porphyry dykes. Basalt dykes, possibly correlative with recent volcanism, have also been observed.

A map detailing the property scale geology and the various intrusive bodies in shown in Figure 6.

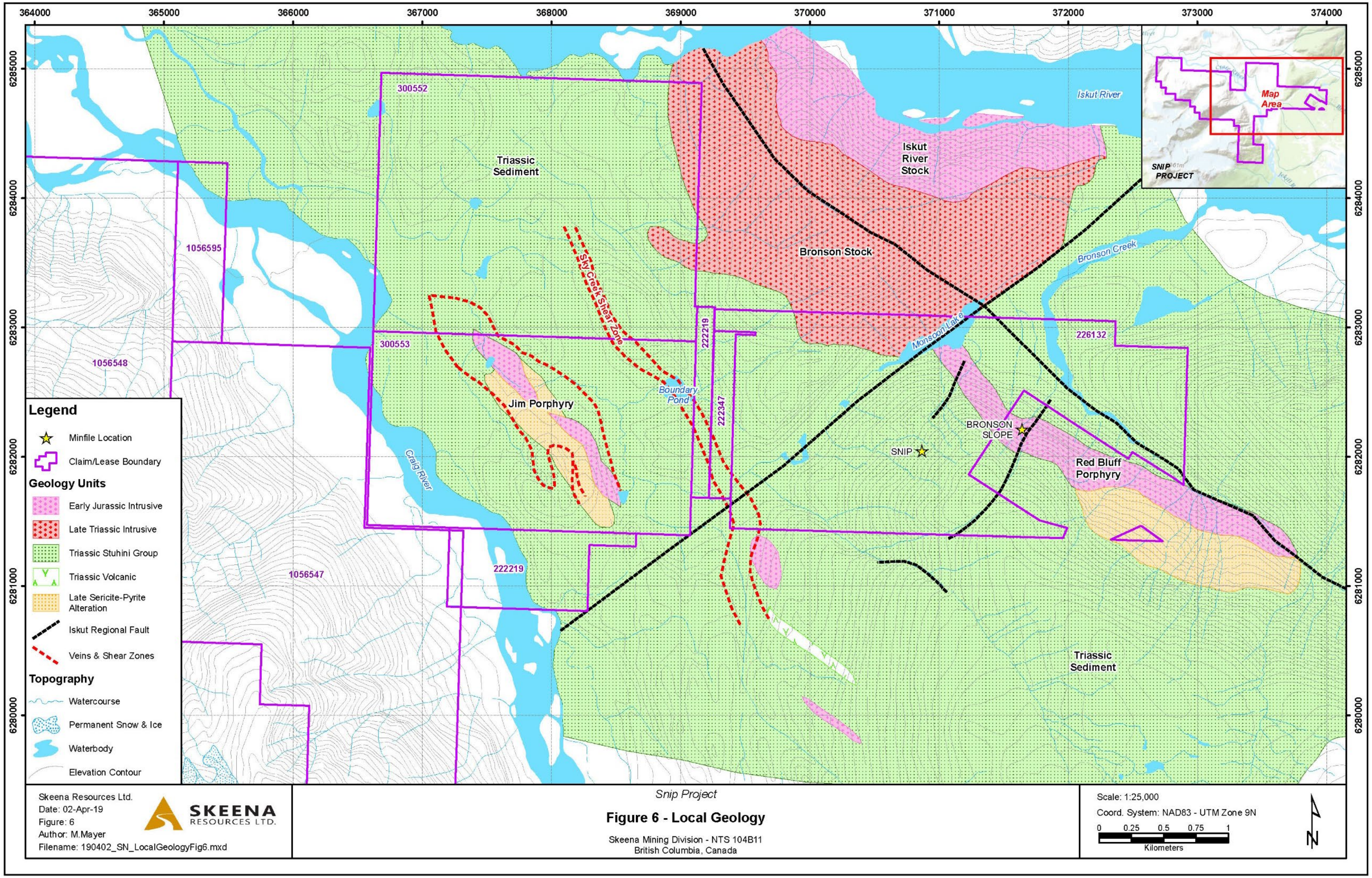



**Figure 6.** Snip area local geology.

## 5.3 Structure

The most detailed information on the structure of the Snip Mine is provided by Rhys (1993). The following is a summary of his structural observations:

Several periods of deformation and veining have affected the Snip Mine sequence. Earliest quartz-calcite veining is superseded by a (single) shear vein phase, followed by extensional veining. All of these features are cut by northwest dipping gouge filled faults that have oblique right lateral displacements. At least one set of the extension veins displays reverse shear sense relative to shear veining.

Rhys cites "consistency of mineralogy, identical progression of the same alteration facies from vein to wallrock, and the continuity of structural thickness from biotite-pyrite veinlets to shear veins suggest that these structures were formed during the same hydrothermal event." The intimate association of biotite to shears, veining and the overall homogeneity of the alteration envelope are suggestive of a close relationship to the same event.

Ore type formation and alteration were in his words, 'synchronous and part of a protracted process'. Evidence for this is:

1. Deformed and undeformed auriferous quartz and sulphide veins in single exposures, and deformed veins cross-cutting foliation.
2. Stacked repetitive sets of quartz and sulphide veins.
3. Biotitic envelopes on deformed and shear veins suggesting alteration from the time of vein formation and continuing after the intrusion of the BSU.
4. Multiple quartz-sulphide veining with various styles and clear cross-cutting relationships.

His conclusion on the BSU dyke is that it was intruded late in the deformation history of the Twin Zone, after ore type formation and mineralization but during the waning stages of the hydrothermal system. Also, displacement on the Twin Zone and shear veins during the event that offset the extension veins must have only minor offset since there is no offset along the dyke, which predates the extension veins. The displacement of the extension veins must thus define a late reactivation of the shear veins that is minor and temporally unrelated to the main period of offset on the Twin Zone.

## 5.4 Deposit Types

The Snip gold deposit is located adjacent to the Red Bluff Porphyry; an Early Jurassic intrusion of quartz monzonite composition. The Red Bluff Porphyry is probably related to the Early Jurassic Texas Creek plutonic suite and is texturally and mineralogically analogous to other intrusions throughout the area that are spatially related to gold mineralization, including the Valley of the Kings (Pretium) and the Silbak Premier deposits (Ascot Resources).

Sillitoe and Thompson (1998) stated that "the Snip deposit exploits the Twin shear-vein system which starts approximately 600 metres from the Red Bluff intrusion. The shear fabrics associated with the gold mineralization in the Twin Zone are similar to those described from many orogenic vein gold deposits, however, the metal association in the veins (Au-Cu-Mo-Zn), and the importance of potassic alteration suggest a magmatic origin for the ore fluid. This is supported by the proximity of the Twin Zone to the Red Bluff Porphyry as well as lead isotope data from the Twin vein, that indicate a similar age of ± 195 million years for both the intrusive and the mineralization (Rhys, 1995). Veins more distal with respect to the Red Bluff Porphyry contain higher zinc, lead, and silver contents, as expected in a zoned porphyry system. The veins in the district can therefore be classified as intrusive related, similar to those in many other porphyry systems."

Many significant gold deposits in northwestern British Columbia have Pb-Pb isotopic data consistent with an early Jurassic age and are located within 500 m of early Jurassic intrusions and dikes of the Texas Creek Intrusive Suite. Examples include Valley of the Kings, Silbak-Premier, Red Mountain and Snowfield (Rhys, 1993).

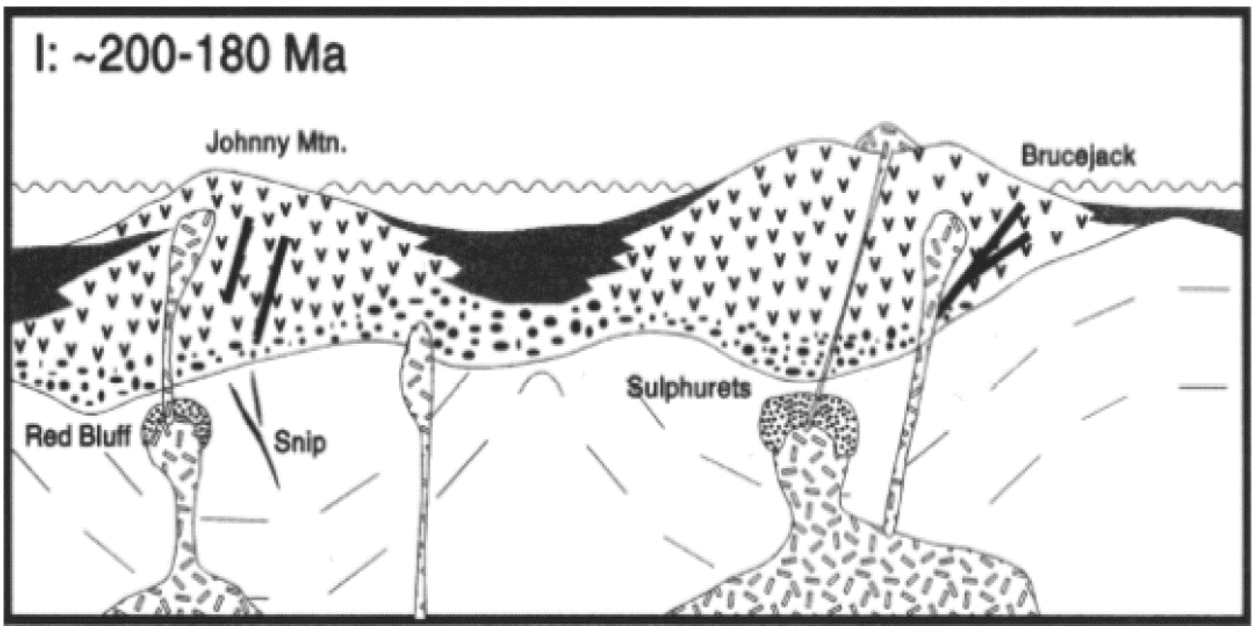



**Figure 7.** Snip genesis (from MacDonald, 1996).

## 5.5 Mineralization

Snip Mine mineralization is varied and has been reported from at least six major ore zones which include the following: Twin Zone; 150 Vein; Hangingwall Zone; Footwall Zone; 130 Vein; and the T-West (Twin West) Zone.

Gangue mineralization is predominately calcite, iron-carbonate, quartz, pyrite, chlorite and biotite in decreasing order. Ore mineralization is divided into the following:

1. Carbonate Ore: Banded to laminated calcite and chlorite/biotite with up to 70% of the ore type as carbonate. Quartz is disseminated to vein(let) in nature. Sulphides content ranges from trace to 5%.

2. Chlorite-Biotite Ore: Up to 60% phyllosilicates and 30-40% calcite. Minor to moderate to predominant quartz was recorded, and much of it as vein-type or 'augen'. Sulphide content is up to 5% and includes pyrite and pyrrhotite.
3. Sulphide Ore: Pyrite, chalcopyrite, pyrrhotite, arsenopyrite, galena, sphalerite can occur in varying percentages and combinations, as threads, veinlets, vein, semi- massive concentrations or disseminations.
4. Quartz Ore: Banded-parallel or 'foliation-parallel' white to milky in colour, with sulphides as previous. Pyrrhotite and chalcopyrite were reported as more abundant than in the Sulphide Ore. These veins were also reported as commonly fractured with quartz and Fe-carbonate infill.

# 6.0 2018 Exploration Program

The 2018 exploration program completed on mineral claims of the Snip Gold property for assessment credit consisted of 649.0 metres of diamond drilling in three drill holes. One additional site was cleared and had a pad built but was not drilled due to weather constraints. Details of the work program are included in the following sections.

## 6.1 Diamond Drilling

Three diamond drill holes totaling 649.0 metres were completed on the mineral claims of the property during the 2018 exploration program.  A total of 520 core samples were analyzed. Drill collar location details are documented in Table 3 while the hole locations are plotted in Figure 8.

**Table 3.** Drill hole summary information.

| Hole ID | Target | UTM Grid | DGPS Easting | DGPS Northing | DGPS Elevation (m) | Final Depth (m) | Azimuth | Dip | Core Size |
|---|---|---|---|---|---|---|---|---|---|
| S18-032 | Jim Porphyry/ Au soil anomaly | NAD83_Z9 | 368332.84 | 6281689.68 | 211.59 | 29.00 | 67.6 | -46.0 | NQ2 |
| S18-033 | Jim Porphyry/ Au soil anomaly | NAD83_Z9 | 368332.98 | 6281689.29 | 210.58 | 415.00 | 72.0 | -51.1 | NQ2 |
| S18-034 | Au soil anomaly | NAD83_Z9 | 368571.97 | 6284017.52 | 115.99 | 205.00 | 26.2 | -45.0 | NQ2 |

Drill hole collars were surveyed by Skeena staff using a Trimble Geo 7X handheld GNSS system combined with a Zephyr Model 3 Rover Antenna. Downhole surveying was completed every 30 m using a REFLEX EZ-Trac; downhole surveying was completed by the drilling contractor, DMAC Drilling of Langley, British Columbia.

Drill logs are attached in Appendix II.

Drill cross sections are attached in Appendix III. Each cross section is oriented parallel to the orientation of the drill string and plotted at a scale of 1:5,000.

Drill sample assay certificates are attached in Appendix IV.

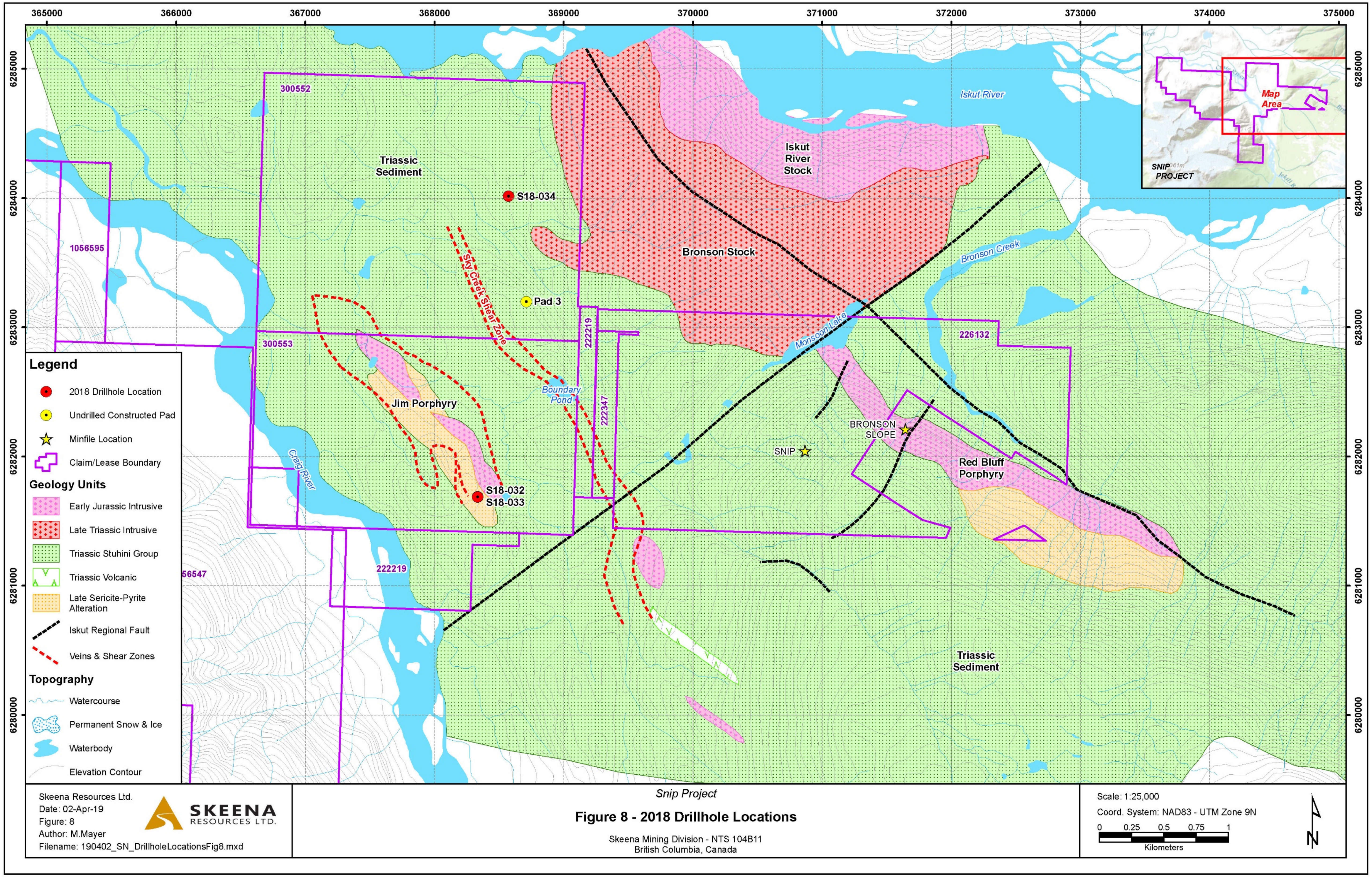



**Figure 8.** 2018 Exploration drill hole locations.

## 6.2 Drill Hole Targets and Results

### 6.2.1 Jim Porphyry Target

Drill holes S18-032 (abandoned) and S18-033 were designed to test a gold-high anomaly in soils, while attempting to extend a mapped potassic zone with quartz stockwork veining to the south. Drill hole S18-032 was abandoned at a depth of 29.00 m after the driller's attempted to advance the casing in unstable ground conditions which resulted in damage to and shearing off the rods in the drill string. The drill was subsequently tilted at the same site and hole S18-033 was completed to depth. S18-033 intersected primarily greywacke and siltstones with some massive to foliated mafic phyllites. Significant sericite pyrite alteration was encountered to 75 m depth. A notable interval of quartz-calcite veining (>10%) was intersected from 169.00-212.00 m associated with 2-10% disseminated to blebby pyrite ± galena, sphalerite, chalcopyrite and pyrrhotite. The mafic phyllite intersected intermittently from 298.26-342.43 m was initially interpreted as BSU due to its high biotite content and similar phenocryst-spotted texture. Petrographic analysis of several samples showed that these mafic phyllites have higher iron and titanium contents reflecting chemistry and source differences to the BSU. No significant assay results were returned for either of these drill holes and they were unsuccessful in extending zones of potassic alteration reported further to the south.

### 6.2.2 Gold Soil Anomaly Proximal to Bronson Stock

Hole S18-034 was drilled north of the Sky Creek Shear Zone, close to the Bronson Stock. It was designed to target a gold-high anomaly in soils. This hole collared into a quartz monzonite at surface and changed to a homogenous greywacke sequence at 24.15 m, continuing through to the end of the hole. No significant assay results were returned. The source of the gold in soil anomaly may be explained by sporadic quartz-chlorite veins noted in the near surface quartz monzonite containing trace pyrite, galena, sphalerite and chalcopyrite.

## 6.3 Sample Method, Preparation, Analysis and Security

Core logging was conducted using GeoSpark Core Database software and included geological descriptions, recovery, RQD, specific gravity and down-hole surveys. The program also handled assay results import and data merging. All drill core was photographed prior to cutting and sampling, with sample intervals and tags displayed.

Drill core was measured, logged, marked for sampling and sawn with a diamond blade core saw at the company's core processing facility located at the Snip camp. For each sample, the half designated for sampling is placed with a unique sample tag number into a labelled poly sample bag and sealed with a plastic zip tie. The remaining drill core is retained in the original drill core box and stored securely at the Snip camp site. The company inserts quality control (QC) samples at regular intervals in the sample stream, including blanks and reference materials with all sample shipments to monitor laboratory performance.

Once a number of samples had been prepared, individual samples (five to six depending on size) were placed into labelled rice bags and sealed with security tags for chain of custody requirements. Prepared sample shipments were delivered by secure courier to Bandstra

Transportation Systems in Smithers for subsequent transportation to the laboratory. Skeena employed ALS, an ISO 9001:2015 and ISO/IEC 17025:2017 certified laboratory, for sample preparation and analysis. Sample preparation was conducted in the lab's facility in Kamloops, B.C. with a split of the pulp samples shipped to the lab in Vancouver for analysis.

The entire sample was dried and then crushed using a Terminator crusher. Crushing was done to better than 70% passing a 2 mm Tyler 10 mesh screen. A split of roughly 1000 g was taken and pulverized to better than 85% passing a 75 micron Tyler 200 mesh screen (PREP-31BN). The LM2 Pulverizing Mill is equipped with a B2000 standard steel bowl.

Gold assays were performed on 50 g samples by fire assay and atomic absorption (Au-AA26). The lower detection limit for gold was 0.01 g/t and the upper detection limit was 100 g/t. For assay results that were above 10 g/t Au, samples were analyzed by metallic screening (Au-SCR24). The lower detection limit for this analysis was 0.05 g/t and the upper detection limit was 100,000 g/t. For results that contained greater than 100 g/t Au, samples were analyzed by fire assay with a gravimetric finish (Au-GRA22). The lower detection limit for this analysis was 0.05 g/t and the upper detection limit was 10,000 g/t.

48 element ICP suite analysis (ME-MS61) was also completed on 0.25 g samples with four-acid digestion followed by atomic emission spectrometry (ICP-AES) and plasma mass spectrometry (ICP-MS). Detection limits for the various elements are documented in Table 4. For ICP results that exceeded the upper detection limits for Pb, Zn and Ag, a four-acid over-limit method was performed on a 0.4 g sample (ME-OG62). The detection limits for this analysis package are documented in Table 5.

**Table 4.** ALS code ME-MS61 elements and detection limits.

| CODE | ANALYTES & RANGES (ppm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ME-MS61 **0.25g sample** | Ag | 0.01-100 | Cu | 0.2-10,000 | Na | 0.01%-10% | Sr | 0.2-10,000 |
| | Al | 0.01%-50% | Fe | 0.01%-50% | Nb | 0.1-500 | Ta | 0.05-100 |
| | As | 0.2-10,000 | Ga | 0.05-10,000 | Ni | 0.2-10,000 | Te | 0.05-500 |
| | Ba | 10-10,000 | Ge | 0.05-500 | P | 10-10,000 | Th | 0.01-10,000 |
| | Be | 0.05-1,000 | Hf | 0.1-500 | Pb | 0.5-10,000 | Ti | 0.005%-10% |
| | Bi | 0.01-10,000 | In | 0.005-500 | Rb | 0.1-10,000 | Tl | 0.02-10,000 |
| | Ca | 0.01%-50% | K | 0.01%-10% | Re | 0.002-50 | U | 0.1-10,000 |
| | Cd | 0.02-1,000 | La | 0.5-10,000 | S | 0.01%-10% | V | 1-10,000 |
| | Ce | 0.01-500 | Li | 0.2-10,000 | Sb | 0.05-10,000 | W | 0.1-10,000 |
| | Co | 0.1-10,000 | Mg | 0.01%-50% | Sc | 0.1-10,000 | Y | 0.1-500 |
| | Cr | 1-10,000 | Mn | 5-100,000 | Se | 1-1,000 | Zn | 2-10,000 |
| | Cs | 0.05-500 | Mo | 0.05-10,000 | Sn | 0.2-500 | Zr | 0.5-500 |

**Table 5.** ALS code ME-OG62 elements and detection limits.

| CODE | ANALYTES & RANGES (ppm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| (+)-OG62 **0.4g sample** | Ag | 1-1,500ppm | Co | 0.0005-30 | Mg | 0.01-50 | Pb | 0.001-20 |
| | As | 0.001-30 | Cr | 0.002-30 | Mn | 0.01-60 | S | 0.01-50 |
| | Bi | 0.001-30 | Cu | 0.001-50 | Mo | 0.001-10 | Zn | 0.001-30 |
| | Cd | 0.001-10 | Fe | 0.01-100 | Ni | 0.001-30 | | |

## 6.4 Data Verification and QAQC

The Snip 2018 drill program utilized a QAQC program of systematic insertion of blanks and certified reference materials (standards) into the sample stream with a frequency of 8%. The blank material used for the Snip program was a marble garden rock obtained from Canadian Tire in Smithers, B.C. Approximately one kg of this material was used for each blank sample. Three blanks were inserted for every 100 samples, typically at the “20”, “60” and “00” numbers in the sample tag sequence. Five standards were inserted for every 100 samples, typically at the “10”, “30”, “50”, “70” and “90” numbers in the sample tag sequence. Most standards used in 2018 were certified for Au only; one was certified for both Au and Ag. Standards were obtained from CDN Resource Laboratories in Langley, B.C. In addition to the external control samples submitted by Skeena, the two analytical labs used maintained an internal QAQC program consisting of preparation duplicates, pulp duplicates, standards and blanks that were monitored by a certified assayer.

The results of external control samples were monitored throughout the drill program by a dedicated QAQC geologist. Any issues identified were resolved immediately, samples re-analyzed where necessary and verified prior to any news releases. As part of Skeena’s QAQC program, check assays were also analyzed by an external lab – SGS Canada Inc. of Vancouver, B.C. A random number generator was used to select 1% of all samples and then an additional 1.5% of moderate to higher grade samples, for a total of 2.5%.

### 6.4.1 Blank Analysis

Figure 9 and Figure 10 show the Au and Ag results for the blank material from the December 2018 program. There were no failures in the blank results.

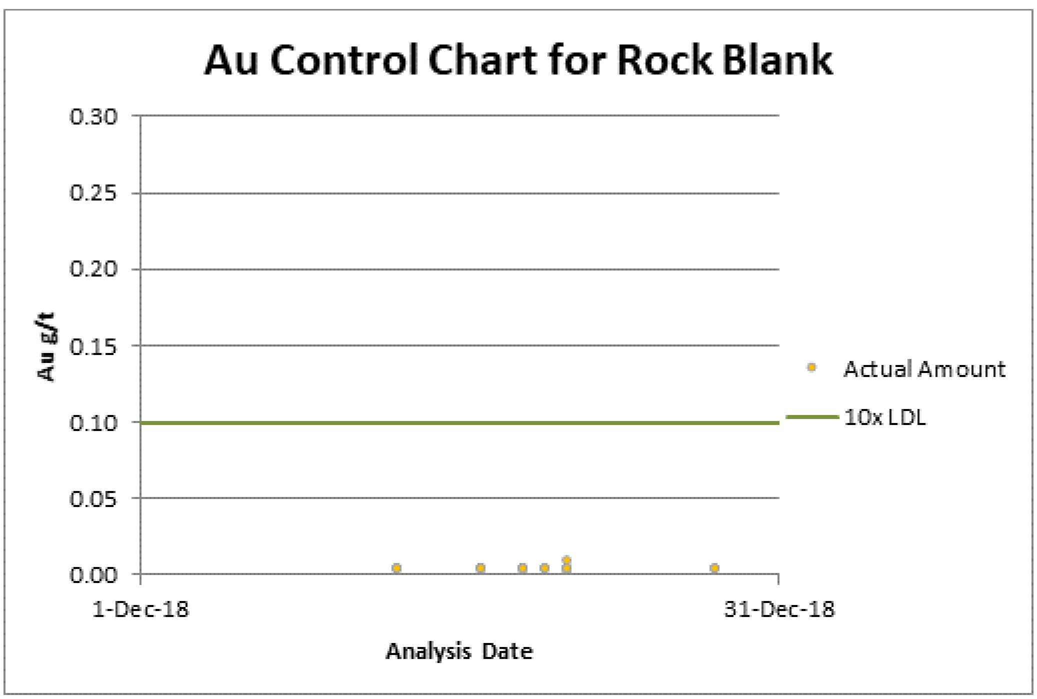



**Figure 9.** 2018 Snip blank samples; gold control chart.

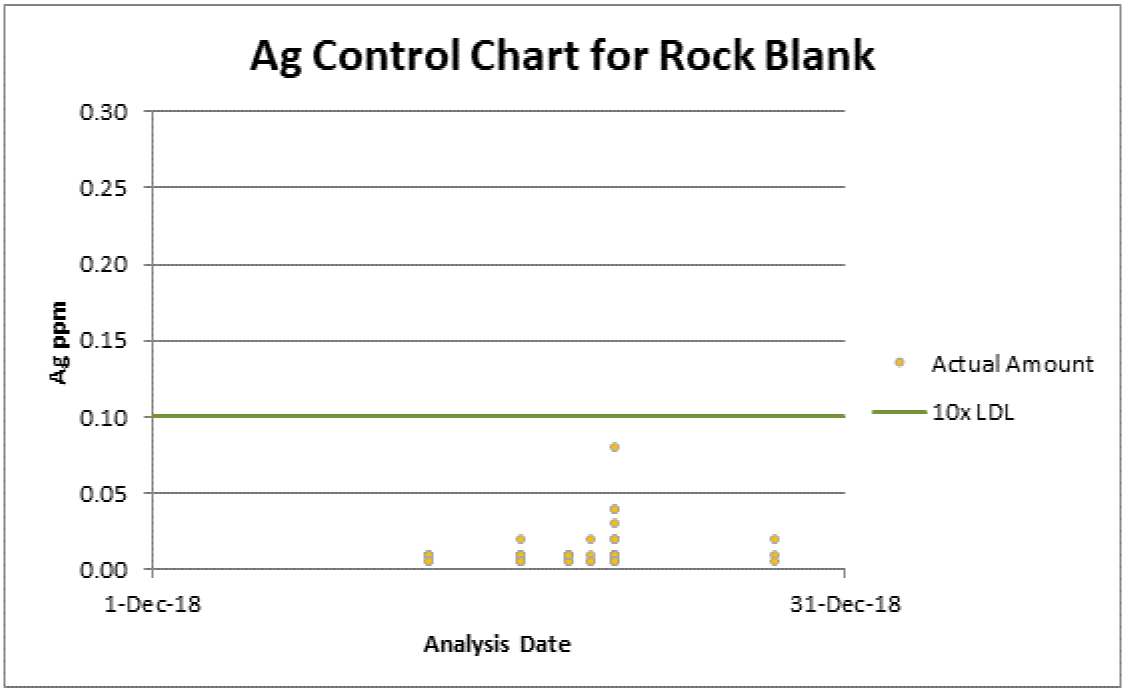



**Figure 10.** 2018 Snip blank samples; silver control chart.

### 6.4.2 Certified Reference Materials

A total of six different standards were used for the December 2018 Snip program and are listed in Table 6 and Table 7.

**Table 6.** Au Certified Reference Materials, December 2018.

| Standard | Element | Total STD | Failures at 3SD (incl. field failures) | Field Failures |
|---|---|---|---|---|
| **GS1P5R** | Au | 5 | 1 | 0 |
| **GS1T** | Au | 17 | 3 | 1 |
| **GS5T** | Au | 23 | 0 | 0 |
| **GS12B** | Au | 11 | 0 | 0 |
| **GS16** | Au | 7 | 1 | 0 |
| **GS22** | Au | 15 | 0 | 0 |
| | | *78* | *5* | *1* |

**Table 7.** Ag Certified Reference Materials, December 2018.

| Standard | Element | Total STD | Failures at 3SD (incl. field failures) | Field Failures |
|---|---|---|---|---|
| **GS5T** | Ag | 23 | 0 | 0 |
| | | *23* | *0* | *0* |

Individual standards were plotted along with their expected values, ± 2 Standard Deviations ("SD") and ± 3 SD. Values outside ± 2 SD were flagged with a warning and values outside ± 3 SD were considered failures. If a failure occurs for an element, additional QAQC data for other certified elements in the standard and from the labs internal QAQC is examined for acceptance. Should re-analysis be required, the series of five to nine samples above and below the failure are re-analyzed. In December 2018, four standard failures were noted but were not deemed significant enough to warrant re-analysis. Three field failures (sample switches) were also noted and corrected in the database. CRM control charts for each of the standards are shown in Figure 11 through Figure 17.

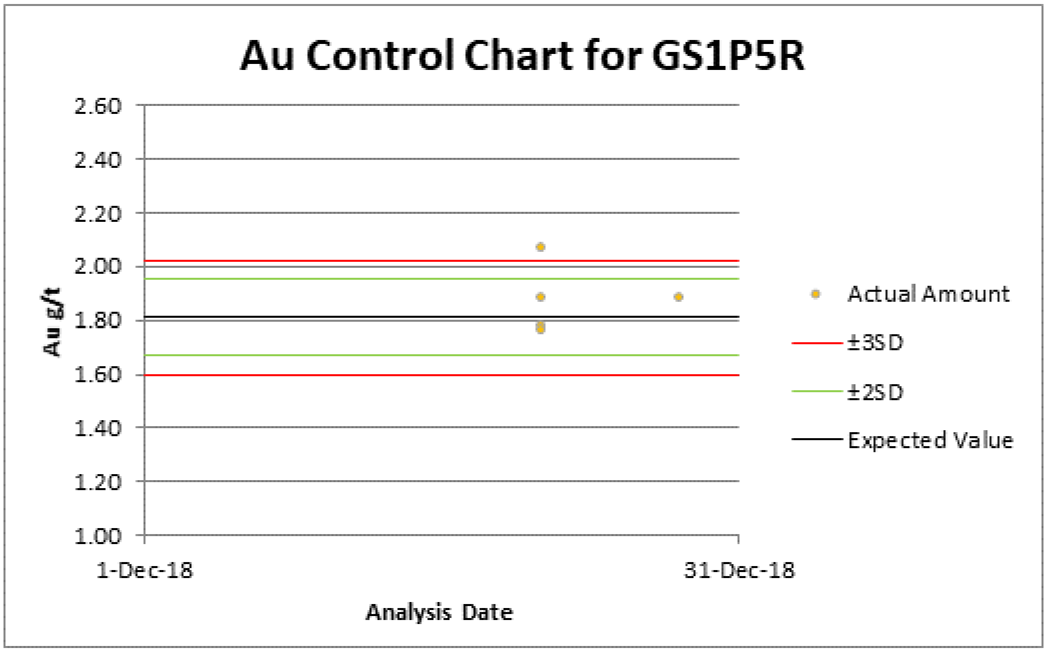



**Figure 11.** CRM Au control chart for GS1P5R.

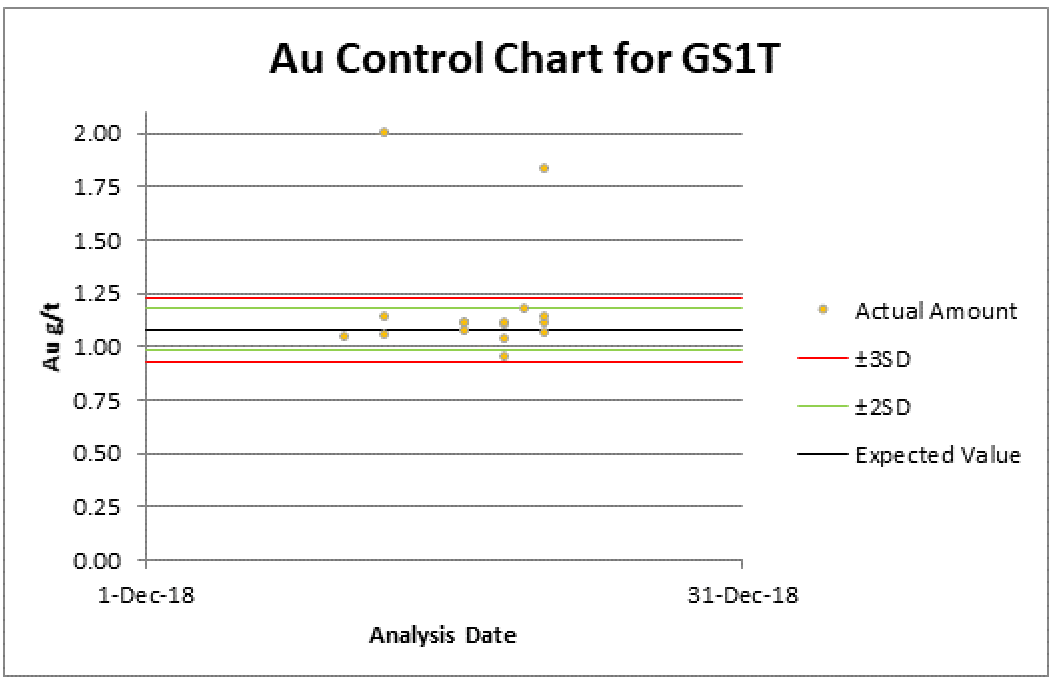



**Figure 12**. CRM Au control chart for GS1T.

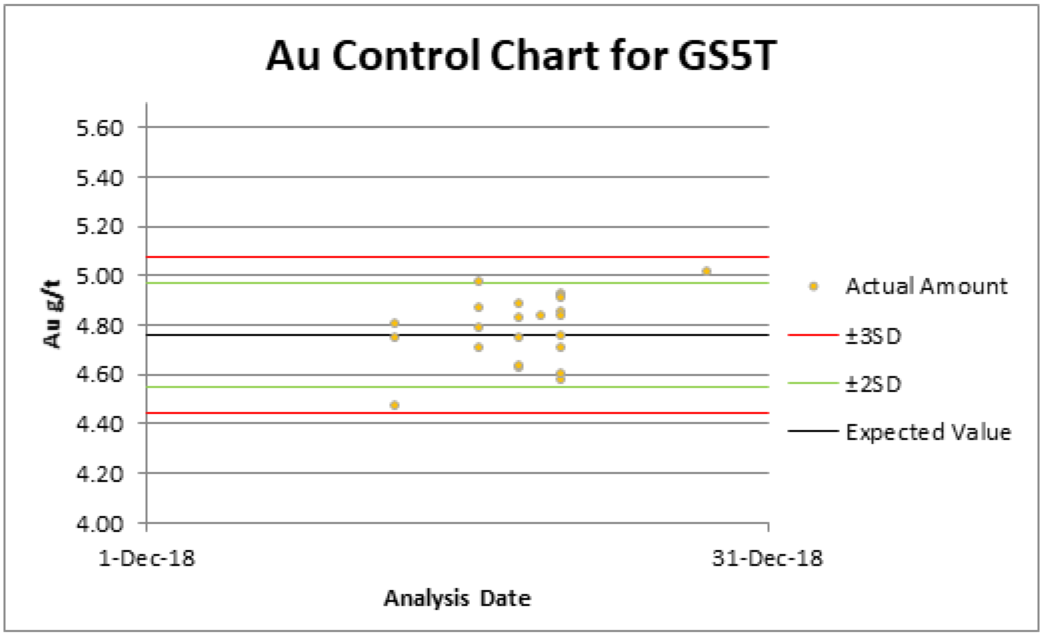



**Figure 13.** CRM Au control chart for GS5T.

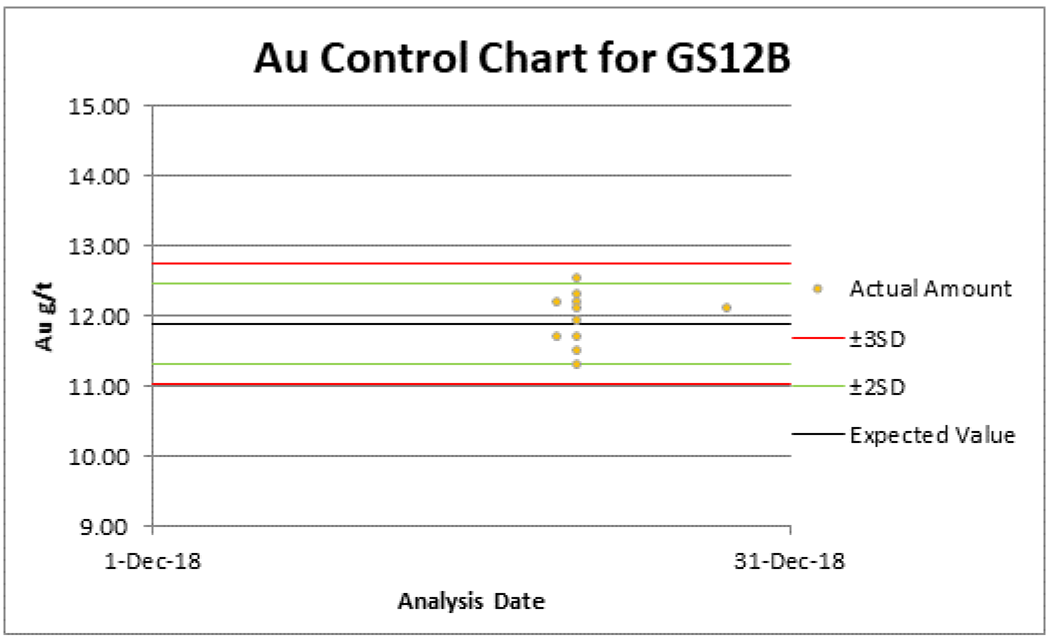



**Figure 14.** CRM Au control chart for GS12B.

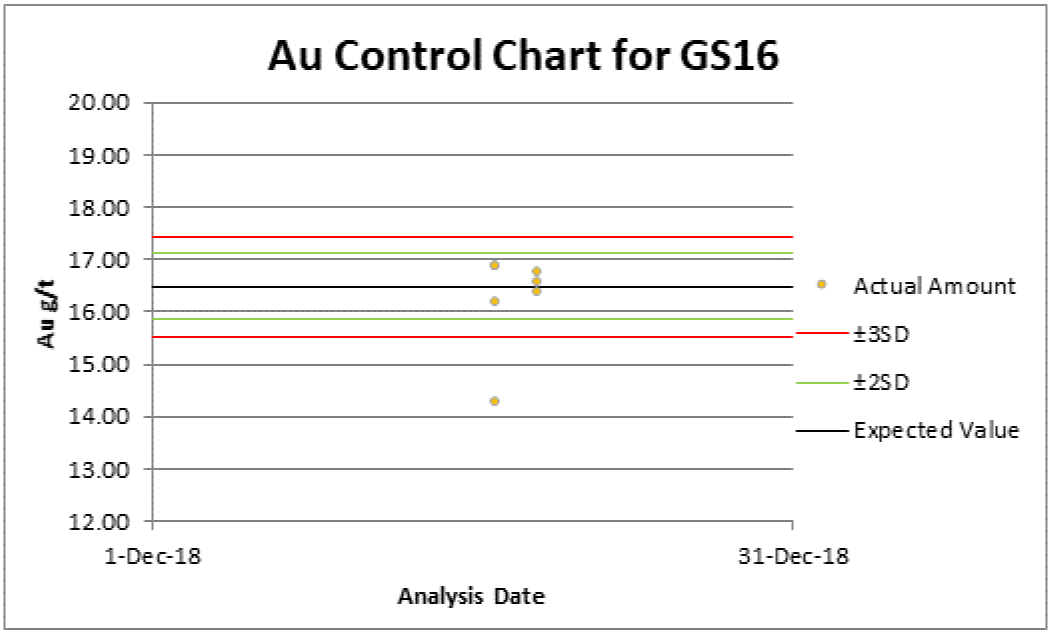



**Figure 15.** CRM Au control chart for GS16.

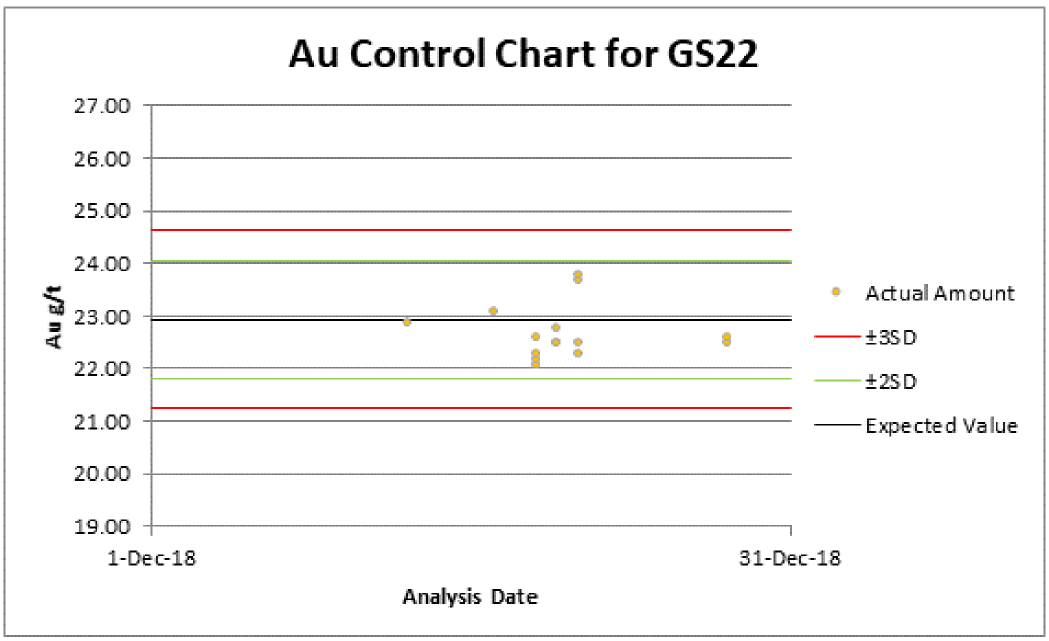



**Figure 16.** CRM Au control chart for GS22.

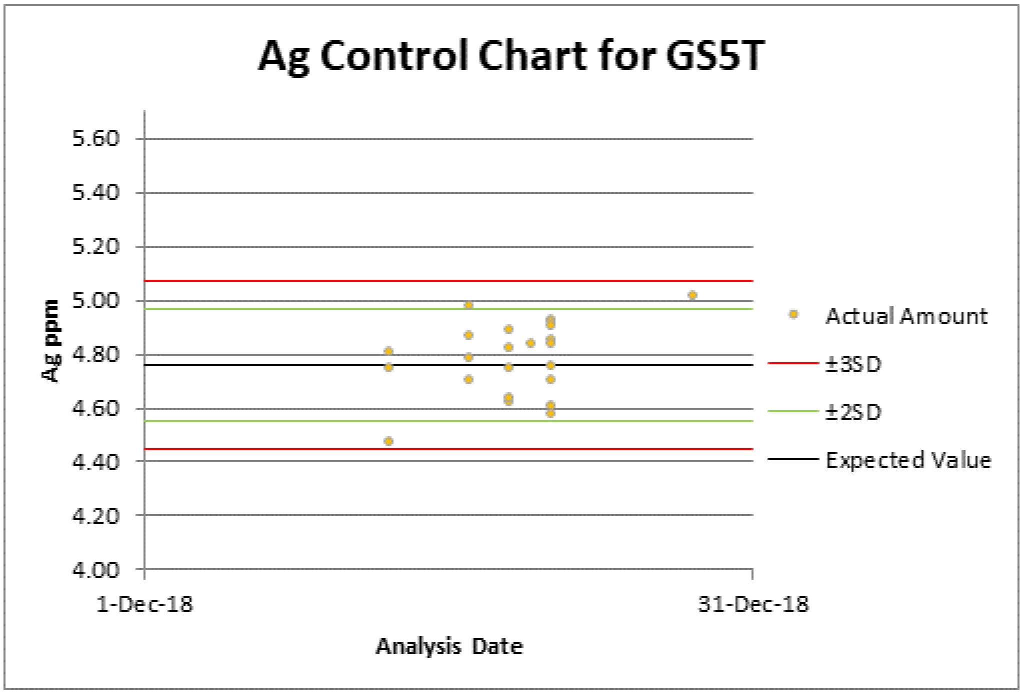



**Figure 17.** CRM Au control chart for GS5T.

### 6.4.3 Geotechnical Data

Geotechnical logging included recovery, magnetic susceptibility, rock quality designation (RQD), longest stick and specific gravity measurements.

Specific gravity measurements for the 2018 drill program were completed at the Snip site. Solid pieces of uncut core 10-15 cm in length were selected approximately every 20 m. The hole depth at the centre of the piece was recorded, as well as the length of the piece. The dry core was placed on a scale and the weight was recorded; the core was then suspended in a bucket of water and the weight of the "wet" core was recorded. Figure 10 shows the average SG measurement for each lithology and the number of measurements taken.

**Table 8.** Average SG and measurement count by lithology type.

| December 2018 SG Measurements | | |
|---|---|---|
| **Lithology** | **Average SG** | **Count** |
| Biotite Spotted Unit | 2.76 | 5 |
| Greywacke | 2.77 | 55 |
| Greywacke-Siltstone | 2.92 | 8 |
| Lamprophyre | 2.70 | 1 |
| Mafic Dyke | 2.87 | 1 |
| Quartz Monzonite | 2.69 | 1 |
| Siltstone | 2.83 | 15 |

# 7.0 Interpretation and Conclusions

Drilling failed to intersect any notable mineralization at either of the two tested targets. Although evidence suggested potential to intersect intrusive units with porphyry style mineralization in holes S18-032 and S18-033, only sedimentary units and barren mafic dikes were encountered. A 43 m long interval of increased quartz-carbonate veining unfortunately did not contain any significant mineralization. The gold in soil anomaly tested by S18-034 may be explained by sporadic quartz-chlorite veins containing trace sulphides in the quartz monzonite unit encountered in the first 24.15 m of the hole.

# 8.0 Recommendations

There has been no geological mapping performed on the property in over 15 years. Exposures are limited to steep slopes on the east side of Monsoon Creek, and further evaluation is best undertaken by drilling. Western areas of the claim block should be reconnaissance mapped in the future.

No additional drill testing is recommended at either of the two targets tested during the 2018 exploration program. Additional gold in soil anomalies exist on the property which should be followed up with a combination of field investigation and diamond drilling.

The Jim Porphyry target area contains several historic drill holes with anomalous gold. Additional investigation of this target area is warranted, following an evaluation of past drill results and more recent surface geochemical sampling.

# 9.0 References


Alldrick, D.J. (1985). Stratigraphy and Petrology of the Stewart Mining Camp (104B/1). BC Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1984. Paper 1985-1. Pages 316-341.

Alldrick, D.J., et al. (1987). Lead Isotope Data from the Stewart Mining Camp (104B/1), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1986, Paper 1987-1, pages 93-102.

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 for the Iskut River map area, north-western British Columbia. GSC paper 89-1E p. 147-154.

Anderson, R.G., et al. (1993). A Mesozoic Stratigraphic and Plutonic Framework for North western Stikinia (Iskut River Area), north western British Columbia in Mesozoic Palaeography of the Western United States, edited by G. Dunne and K. MacDougall Society of Economic Palaeontologists and Mineralogists, Vol. II, Pacific Section.

Bagshaw, R. (1968). Geological Report on the Cat Group No. 1 Johnny Mountain, Iskut River Area. ARIS Assessment Report 01657. BC MEM.

Britton, J.M. et al. (1990). Snippaker Map Area. British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1989, Paper 1990-1.

Burgoyne, A.A., Burgert, A., Giroux, G.H. (2010). Technical Report for Skyline Gold Corporation on The Bronson Slope Property, North-western British Columbia dated Jan. 28, 2010.

Giroux, G.H and Gray, J.H. (2010). Preliminary Assessment Update – Bronson Slope Property for the Skyline Gold Corporation. https://secure.kaiserresearch.com/i/jk/tr16/TRSGG20101105.pdf

King, G.R. (1988). Geological and Geochemical Report on the Ian 6 and 8 Claims Iskut River Area, Liard Mining Division, B.C. http://aris.empr.gov.bc.ca/ArisReports/18086.PDF

Kyba, J. (2015). Exploration and mining in the Skeena Region, British Columbia. In: Exploration and Mining in British Columbia, 2014. British Columbia Ministry of Energy and Mines, British Columbia Geological Survey, Information Circular 2015- 2, pp. 97- 114.

Kyba, J. and Nelson, J.L. (2015). Stratigraphic and tectonic framework of the Khyber-Sericite-Pins mineralized trend, lower Iskut River, northwest British Columbia. In: Geological Fieldwork 2014, British Columbia Ministry of Energy and Mines, British Columbia Geological Survey Paper 2015-1, pp. 41-58.

Lawrence, J.A.R., and Seen, V. (2009). Technical Report, Preliminary Economic Assessment with Mining Plan and Cost Estimate for Skyline Gold Corp., Vancouver, BC, On The Bronson Slope Property, dated March 6, 2009.

MacDonald, A.J., et al. (1992). Geochronometry of the Iskut River Area – An update. In Geological Fieldwork 1991. BC Ministry of EMPR, Paper 1992-1, pp. 495-501.

MacDonald, A.J., et al. (1996). Metallogeny of an Early to Middle Jurassic Arc, Iskut River Area, Northwestern Columbia. Econ. Geol., Vol. 91, 1996, pp. 1098- 1114.

Mawer, A.B. (1964). Report on Geological Survey of Bron Nos. 1 and 2 Groups. ARIS Assessment Report: 00630. BC MEM.

Nagy, L.J. (1966). 1986 Geochemical Report on the Aurum Group Iskut River Area for IORI Enterprises Inc. ARIS Assessment Report 15336A & B. BC MEM.

Nichols, R. (1986). Assessment Report on the SNIP 1,2,3,4,5 and Jim 1,2, Mineral Claims. ARIS Assessment Report 15621. BC MEM.

Nichols, R. and Giles, G. (2017). 2016 Assessment Report of the Snip Gold Property. ARIS Assessment Report 36883. BC MEM.

Parsons, G. (1965). Geological Report on Bronson Creek No. 1-3 Claim Group. ARIS Assessment Report 00769. BC MEM.

Rhys, D.A. (1993). Geology of the Snip Mine and its Relationship to Magmatic and Deformational History of the Johnny Mountain Area, Northwestern BC. MSc Thesis, UBC, 1993.

Rhys, D.A. (1994.). Geology of the Stonehouse Gold Deposit (Johnny Mountain Mine) and Exploration Implications. Prepared for International Skyline Gold Corporation. (unpub).

Rhys, D.A. (1995). The Red Bluff gold-copper porphyry and associated precious and base metal veins, north-western British Columbia in Porphyry Deposits of the North- western Cordillera of North America, pages 838 — 850, editor T. G. Schroeter, Special volume 46, Canadian Institute of Mining, Metallurgy.

Rhys, D.A. (1997). Internal memo to Homestake Canada Inc.

Sibbick, S.J. & MacGillivray, R. (2006). Snip Mine: Seven years after closure. Report by AMEC Environmental Ltd., and Barrick Gold Inc.

Sillitoe R.H., Thompson, J. (1998). Intrusion Related Vein Gold Deposits, Resource Geology, Vol. 48, No.2, pp. 237-250.

# 10.0 Statement of Costs

| **Exploration Work type** | **Comment** | **Days** | | | **Totals** |
|---|---|---|---|---|---|
| | | | | | |
| **Personnel (Name)* / Position** | **Field Days (list actual days)** | **Days** | **Rate** | **Subtotal*** | |
| Colin Russell/Exploration Manager | Nov. 14-30, 2018 | 17 | $750.00 | $12,750.00 | |
| Adrian Newton/Exploration Manager | Nov. 7, 2018 | 1 | $750.00 | $750.00 | |
| Raegan Markell/Geologist | Nov. 15-30, 2018 | 16 | $575.00 | $9,200.00 | |
| John Tyler/Project Geologist | Nov. 7-16, 2018 | 10 | $593.75 | $5,937.50 | |
| John Tyler/Geologist | Nov. 23-30, 2018 | 8 | $475.00 | $3,800.00 | |
| Laura MacNeill/Geologist | Nov. 8-21, 2018 | 14 | $350.00 | $4,900.00 | |
| Chris Woolverton/Geotechnician | Nov. 12-24, 2018 | 13 | $325.00 | $4,225.00 | |
| Dwayne Tashoots/Core Cutter | Nov. 12-29, 2018 | 18 | $450.00 | $8,100.00 | |
| Dean Humphrey/Camp Manager | Nov. 7-16, 2018 | 10 | $577.50 | $5,775.00 | |
| Glenn Foerester/Camp Manager | Nov. 16-30, 2018 | 14 | $577.50 | $8,085.00 | |
| Mike Dupuis/Camp Maintenance | Nov. 27-30, 2018 | 4 | $577.50 | $2,310.00 | |
| Sean Rahel/Cook | Nov. 7-21, 2018 | 15 | $577.50 | $8,662.50 | |
| Theresa McCook/Cook | Nov. 19-27, 2018 | 9 | $450.00 | $4,050.00 | |
| Vicki Abou/Bull Cook | Nov. 7-13 & 19-27, 2018 | 16 | $450.00 | $7,200.00 | |
| Brianna Louie/Bull Cook | Nov. 13-20, 2018 | 8 | $450.00 | $3,600.00 | |
| Michael Corfe/Pad Builder | Nov. 9-18, 2018 | 10 | $577.50 | $5,775.00 | |
| Michael Keating/Pad Builder | Nov. 9-13, 2018 | 5 | $577.50 | $2,887.50 | |
| Eli Tennent/Pad Builder | Nov. 9-18, 2018 | 10 | $577.50 | $5,775.00 | |
| John Johnson/Pad Builder | Nov. 9-13, 2018 | 5 | $577.50 | $2,887.50 | |
| Spencer Ehault/Pad Builder | Nov. 9-13, 2018 | 5 | $577.50 | $2,887.50 | |
| Devon Derbyshire/Pad Builder | Nov. 9-13, 2018 | 5 | $577.50 | $2,887.50 | |
| Jean-Luc Romieu/Pad Builder | Nov. 14-18, 2018 | 5 | $577.50 | $2,887.50 | |
| Ken Murray/Tree Faller | Nov. 8-14, 2018 | 7 | $787.50 | $5,512.50 | |
| Robin Millis/Mechanic | Nov. 22-28, 2018 | 7 | $1,035.30 | $7,247.10 | |
| | | | | $128,092.10 | **$128,092.10** |
| **Office Studies** | **List Personnel (note - Office only, do not include field days** | | | | |
| Report preparation | Adrian Newton - 3 days | 3.0 | $750.00 | $2,250.00 | |
| | | | | $2,250.00 | **$2,250.00** |
| **Geochemical Surveying** | **Number of Samples** | **No.** | **Rate** | **Subtotal** | |
| Drill (cuttings, core, etc.) | 520 samples | 520.0 | $43.79 | $22,768.56 | |
| | | | | $22,768.56 | **$22,768.56** |
| **Drilling** | **No. of Holes, Size of Core and Metres** | **No.** | **Rate** | **Subtotal** | |
| Diamond | 3 holes / NQ2 / 649.00 m | 649.0 | $189.53 | $123,006.86 | |
| | | | | $123,006.86 | **$123,006.86** |
| **Transportation** | | **No.** | **Rate** | **Subtotal** | |
| Airfare | | | | $9,460.26 | |
| Crew Transport Shuttle | | | | $7,006.75 | |
| Truck Rental | | | | $2,717.74 | |
| Diesel Fuel | | | | $23,109.73 | |
| Helicopter (hours) | * Details for charges outlined below | 109 | $1,499.00 | $163,391.00 | |
| Jet Fuel | | | | $19,481.09 | |
| | | | | $225,166.57 | **$225,166.57** |
| **Accommodation & Food** | **Rates per day** | | | | |
| Hotel | | | | $8,728.96 | |
| Camp Rental | Tents, heater stoves, generator | | | $11,028.50 | |
| Food | Direct food cost | | | $11,498.01 | |
| | | | | $31,255.47 | **$31,255.47** |
| **Miscellaneous** | | | | | |
| Expeditor | | | | $30,235.81 | |
| Camp Supplies | | | | $5,792.84 | |
| | | | | $36,028.65 | **$36,028.65** |
| **Equipment Rentals** | | | | | |
| Field Gear (Specify) | Fuel tanks, fuel bladders, generators, radio & satellite equipment, pad building tools, first aid equipment | | | $22,780.99 | |
| | | | | $22,780.99 | **$22,780.99** |
| **Freight, rock samples** | | | | | |
| Sample shipping | | | | $6,832.06 | |
| | | | | $6,832.06 | **$6,832.06** |
| | | | | | |
| ***TOTAL Expenditures*** | | | | | **$598,181.26** |

| * Details of Daily Helicopter Use | | |
|---|---|---|
| **Date** | **Activity** | **Hours** |
| 7-Nov-19 | Drop off and pick up geo's to sight drill pad S18-032; sling lumber from McLymont staging to Snip for pad builders; fly pad builders from McLymont staging to Snip camp; sling drill parts from McLymont staging to Snip camp | 7.1 |
| 8-Nov-19 | Sling drill parts from McLymont staging to Snip camp; transport staff from McLymont staging to Snip camp | 5.8 |
| 9-Nov-19 | Drop off and pick up geo's to sight drill pad S18-034; sling lumber from McLymont staging to Snip for pad builders; sling camp supplies from McLymont staging to Snip camp; transport tree faller to and from site S18-032 | 4.7 |
| 10-Nov-19 | Transport lumber and fuel from McLymont staging to Snip camp; sling lumber to drill site S18-032; Drop off and pick up tree faller and pad builders to site S18-032 | 6.3 |
| 11-Nov-19 | Sling lumber from Snip camp to site S18-032; drop off and pick up tree faller and pad builders (sites S18-032 and S18-034) | 2.3 |
| 12-Nov-19 | Sling drill from Snip camp to pad S18-032; Drop off and pick up tree faller and pad builders to S18-034 and pad 3; drill crew change | 3.1 |
| 13-Nov-19 | Drill crew change; drop off and pick up tree faller and pad builders to pad S18-034 and pad 3; sling lumber from Snip camp to pad S18-034; sling camp supplies from McLymont staging to Snip camp; drill support | 3.4 |
| 14-Nov-19 | Drill crew change; service drill; sling fuel from McLymont staging to Snip camp; sling lumber from Snip camp to pad S18-034; drill support; sling core samples from Snip camp to McLymont staging | 5.9 |
| 15-Nov-19 | Drill crew change; drill support; sling camp supplies from McLymont staging to Snip camp; crew change to McLymont staging | 3.3 |
| 16-Nov-19 | Drill crew change; drill support; sling fuel from McLymont staging to Snip camp; sling core samples from Snip camp to McLymont staging | 6.2 |
| 17-Nov-19 | Drill crew change; drill support; crew change to McLymont staging | 2.9 |
| 18-Nov-19 | Drill crew change; drill support; sling fuel and supplies from McLymont staging to Snip camp | 5.6 |
| 19-Nov-19 | Drill crew change; drill support | 3.1 |
| 20-Nov-19 | Drill crew change; move drill from pad S18-032 to pad S18-034; drill support; sling core samples from Snip camp to McLymont staging; crew change to McLymont staging | 7.2 |
| 21-Nov-19 | Drill crew change; drill support | 3.1 |
| 22-Nov-19 | Drill crew change; drill support | 3.1 |
| 23-Nov-19 | Drill crew change; drill support | 3.1 |
| 24-Nov-19 | Drill crew change; drill support; sling supplies from McLymont staging to Snip camp; sling core samples from Snip camp to McLymont staging | 4.7 |
| 25-Nov-19 | Drill crew change; crew change to McLymont staging; sling drill from pad S18-034 to Snip camp; sling fuel from McLymont staging to Snip camp | 7.0 |
| 26-Nov-19 | Transport crew from Snip to McLymont staging to receive drill parts; sling drill parts from Snip camp to McLymont staging; drop off and pick up geo's from three pad sites; sling core samples from Snip camp to McLymont staging | 8.0 |
| 27-Nov-19 | Transport crew from Snip to McLymont staging to receive drill parts; sling drill from Snip camp to McLymont staging; sling fuel from McLymont staging to Snip camp | 3.9 |
| 28-Nov-19 | Transport drill crew out from Snip camp to McLymont staging; sling camp supplies and equipment from Snip camp to McLymont staging; transport all staff from Snip to McLymont for camp shut down | 4.5 |
| 29-Nov-19 | Transport crews from McLymont staging to Snip camp to continue tear down of camp; sling tents and equipment from Snip camp to McLymont staging; transport crews from Snip camp to McLymont staging | 4.7 |
| | **TOTAL** | **109.0** |

# 11.0 Statement of Qualifications

I, Adrian Newton, P.Geo., do hereby certify that:

1) I am currently employed as an Exploration Manager by:

   Skeena Resources Ltd.
   650 – 1021 West Hastings Street
   Vancouver, British Columbia
   V6E 0C3

2) I graduated with a degree of Bachelor of Science with specialization in Earth Sciences from Simon Fraser University in 2004.

3) I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, licence # 39299.

4) I have worked continuously as a geologist for 15 years since my graduation from university.

5) I am responsible for the preparation of this assessment report.

Dated this 28th day of October, 2019.

PROFESSIONAL
PROVINCE OF
A. C. B. NEWTON
# 39299
BRITISH COLUMBIA
GEOSCIENTIST

Signature

APPENDIX I:

Mineral Titles Online – Event 5740926

BRITISH COLUMBIA

Print and Close | Cancel

# Mineral Titles Online

## Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

**Recorder:** DEVEAU, STUART WILLIAM (282199)
**Submitter:** DEVEAU, STUART WILLIAM (282199)
**Recorded:** 2019/MAY/09
**Effective:** 2019/MAY/09
**D/E Date:** 2019/MAY/09

### Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

**Event Number:** **5740926**

**Work Type:** Technical Work
**Technical Items:** Drilling

**Work Start Date:** 2018/NOV/07
**Work Stop Date:** 2018/NOV/29
**Total Value of Work:** $ 667168.06
**Mine Permit No:**

### Summary of the work value:

| Title Number | Claim Name/Property | Issue Date | Good To Date | New Good To Date | # of Days For-ward | Area in Ha | Applied Work Value | Sub-mission Fee |
|---|---|---|---|---|---|---|---|---|
| 1056547 | WESTSIDE | 2017/NOV/21 | 2019/MAY/22 | 2029/MAY/22 | 3653 | 925.13 | $ 136437.90 | $ 0.00 |
| 1056548 | CLEA | 2017/NOV/21 | 2019/MAY/22 | 2029/MAY/22 | 3653 | 1617.85 | $ 238600.04 | $ 0.00 |
| 1056595 | PHIZGAP | 2017/NOV/22 | 2019/MAY/22 | 2029/MAY/22 | 3653 | 53.33 | $ 7862.75 | $ 0.00 |
| 222219 | SKY 3 | 1982/SEP/13 | 2027/JUL/15 | 2029/JUL/15 | 731 | 500.00 | $ 20000.00 | $ 0.00 |
| 222347 | SNIP 3 | 1983/OCT/20 | 2027/JUL/15 | 2029/JUL/15 | 731 | 75.00 | $ 3000.00 | $ 0.00 |
| 300552 | JIM 1 | 1986/JUL/22 | 2027/JUL/15 | 2029/JUL/15 | 731 | 500.00 | $ 20000.00 | $ 0.00 |
| 300553 | JIM 2 | 1986/JUL/22 | 2027/JUL/15 | 2029/JUL/15 | 731 | 375.00 | $ 15000.00 | $ 0.00 |

### Financial Summary:

**Total applied work value:** $ 440900.69

**PAC name:** Skeena Resources Ltd.
**Debited PAC amount:** $ 0.0
**Credited PAC amount:** $ 226,267.37

**Total Submission Fees:** $ 0.0
**Total Paid:** **$ 0.0**

*Please print this page for your records.*

The event was successfully saved.

Click here to return to the Main Menu.

# APPENDIX II:

# Drill Logs

# GeoSpark: Drill Hole Report

SKEENA RESOURCES LTD.

## Project: Snip

## Hole: S18-032

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Prospect:** | Jim Claim | **Survey Type:** | DGPS | **Logged By:** | L. MacNeill | **Core Size:** | NQ2 |
| **UTM Grid:** | NAD83_Z9 | **Survey By:** | J. Tyler | **Drill Company:** | DMAC | **Reduced?:** | ☐ |
| **UTM East:** | 368332.84 | **Geo Azimuth:** | 67.6 | **Drill Rig:** | Rig1 | **Reduced Depth(m):** | |
| **UTM North:** | 6281689.68 | **Local Azimuth:** | 39.4 | **Drill Started:** | 2018-11-12 | **Reduced Size:** | |
| **UTM Elevation (m):** | 211.59 | **Dip:** | -46 | **Drill Completed:** | 2018-11-13 | **Casing Pulled?:** | ☑ |
| **Local Grid:** | MINE | **Length (m):** | 29 | **Hole Type:** | DD | **Casing Depth (m):** | 6 |
| **Local East:** | 2648 | **Hole Status:** | Completed | **Hole Diameter:** | 7.57 | **Year:** | 2018 |
| **Local North:** | 483 | | | | | **Company:** | Skeena |
| **Mining Division:** | Liard | | | | | | |

**Comments:**

Hole abandonded, casing attempted to be extended and it intersected and cut off rods.

| Depth (m) | Survey Method | Survey By | Date Surveyed | Dip | Measured Geo Azimuth | Correction Factor | Corrected Geo Azimuth | Local Azimuth | Mag. Field | Temp (C) | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | EZShot | DMAC | 2018-11-12 | -46 | 48.8 | 18.8 | 67.6 | 39.4 | 55405 | | ☑ | First downhole survey used as collar survey |
| 29 | EZShot | DMAC | 2018-11-12 | -46 | 48.8 | 18.8 | 67.6 | 39.4 | 55405 | | ☑ | |

## Hole: S18-032

| From (m) | To (m) | Rock Type & Description |
|---|---|---|

**0.00 5.00 CAS Casing**

Casing to 6m, Rubbley rounded overburden Silicified Greywacke 4.75-5m.

**5.00 29.00 GRWK Greywacke grey brown FG**

Extensively fractured (surficial weathering), Strongly QSP altered, fine grained greywacke. Moderate pervasive biotite alteration overprinted by strong protolith obscuring QSP. Multiple generations of sulphide mineralized cross cutting veinlets. Pervasive Fe-oxide, manganese oxides and goethite alteration along fracture surfaces throughout. Rubble 0.1-5cm in size with sandy apperaance throughout.

Hole Abandonded, casing attempted to be extended and it intersected and cut off rods.

Coreloss ~50%.

<<Min: 5 - 29: 3% pyrite / 0.1% galena / 0.02% chalcopyrite / 10% manganese-oxide>> QzCc Planar vnlts with Intersititalfinely banded Galena 0.1-0.5%, Blebby and disseminated Py with trace Cpy around margins.
Py 3-5% throughout; In QzCc vnlts and PyBt stringers throughout.
Dendritic manganese oides throughout.

<<Alt: 5 - 29: strong silicification / weak-moderate Pyrite / moderate sericitic / moderate-strong Iron oxide / weak-moderate Biotite>> Strong pervasive (weakly patchy Intense), QSP overprinting of FG mod BT altered GRWK. Protolith partially obscured. Extensive Fe-Oxide, manganese and goethite alteration strongly along fracture surfaces and pervasive overprinting haloing fractures and of rubble zones.

<<Vein: 5 - 29: 5% Quartz-Calcite / 2% Biotite-Pyrite / 0.1% Quartz-Calcite>> 3 Generations of cross cutting veinlets throughout:

Youngest QzCc planar stringers 65deg tca, cross cutting all vein gens-non mineralized, weakly tenstional infiling (sheeted) appearance

PyBT Stringers cross cutting mineralized QzCc Planar 30deg tca vnlts.

QzCc planar vnlts (oldest) 30deg tca (trace up to 60deg), w/ PyGalCpy mineralization 0.5-1.5cm width.

<<Struc: 5.4 - 5.4001: fracture>> Iron stained frac

<<Struc: 8.85 - 8.8501: vein - quartz-carbonate>> QzCc Py min vnlt

<<Struc: 11 - 11.001: vein - biotite-pyrite>> Py vnlt with Bt env.

<<Struc: 15.95 - 15.9501: vein - quartz-carbonate>> QzCc Sulph min vnlt (oldest) cross cut by BtPy and QzCc

<<Struc: 15.96 - 15.9601: vein - biotite-pyrite>> PyBt xcutting QzCc

<<Struc: 15.97 - 15.9701: vein - quartz-carbonate>> QzCc late vnlt cross cutting all gen

<<Struc: 17.5 - 17.5001: vein - quartz-carbonate>> Non min

<<Struc: 20.2 - 20.2001: fracture>>

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 5.00 | 8.00 | 3.00 | X507801 | 0.05 | 386 | 2.16 | 22.3 | 12.1 |
| 8.00 | 9.50 | 1.50 | X507802 | 0.03 | 452 | 4.82 | 43.5 | 11.9 |
| 9.50 | 11.00 | 1.50 | X507803 | 0.04 | 466 | 4.29 | 25.4 | 23.1 |
| 11.00 | 14.00 | 3.00 | X507804 | 0.06 | 604 | 3.98 | 53.3 | 16.5 |
| 14.00 | 15.50 | 1.50 | X507805 | 0.06 | 851 | 4.14 | 106 | 19.9 |
| 15.50 | 17.00 | 1.50 | X507806 | 0.03 | 398 | 2.43 | 63.8 | 30.1 |
| 17.00 | 20.00 | 3.00 | X507807 | 0.06 | 503 | 4.89 | 119 | 86.7 |
| 20.00 | 23.00 | 3.00 | X507808 | 0.07 | 522 | 9.37 | 66.5 | 24.7 |
| 23.00 | 26.00 | 3.00 | X507809 | 0.17 | 259 | 5.63 | 49 | 219 |
| 26.00 | 29.00 | 3.00 | X507811 | 0.13 | 605 | 7.98 | 46.5 | 157 |

SKEENA RESOURCES LTD.

# GeoSpark: Drill Hole Report

## Hole: S18-032

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| <<Struc: 25 - 25.0001: vein - biotite-pyrite>> | | | | | | | | | | | |
| <<Struc: 26.96 - 26.9601: vein - quartz-carbonate>> QzCc Sulphide mineralized vnlt | | | | | | | | | | | |

**End of Hole @ 29**

# GeoSpark: Drill Hole Report

SKEENA RESOURCES LTD.

## Project: Snip

## Hole: S18-033

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Prospect:** | Jim Claim | **Survey Type:** | DGPS | **Logged By:** | L. MacNeill | **Core Size:** | NQ2 |
| **UTM Grid:** | NAD83_Z9 | **Survey By:** | J. Tyler | **Drill Company:** | DMAC | **Reduced?:** | ☐ |
| **UTM East:** | 368332.98 | **Geo Azimuth:** | 72 | **Drill Rig:** | Rig2 | **Reduced Depth(m):** | |
| **UTM North:** | 6281689.29 | **Local Azimuth:** | 43.8 | **Drill Started:** | 2018-11-13 | **Reduced Size:** | |
| **UTM Elevation (m):** | 210.58 | **Dip:** | -51.1 | **Drill Completed:** | 2018-11-19 | **Casing Pulled?:** | ☐ |
| **Local Grid:** | MINE | **Length (m):** | 415 | **Hole Type:** | DD | **Casing Depth (m):** | 8 |
| **Local East:** | 2648 | **Hole Status:** | Completed | **Hole Diameter:** | 7.57 | **Year:** | 2018 |
| **Local North:** | 483 | | | | | **Company:** | Skeena |
| **Mining Division:** | Liard | | | | | | |

**Comments:**

Logged by L. MacNeill to 324m, then logged by R. Markel to EOH.

| Depth (m) | Survey Method | Survey By | Date Surveyed | Dip | Measured Geo Azimuth | Correction Factor | Corrected Geo Azimuth | Local Azimuth | Mag. Field | Temp (C) | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | EZShot | DMAC | 2018-11-13 | -51.1 | 53.3 | 18.7 | 72 | 43.8 | 56625 | | ☑ | First downhole survey used as collar survey |
| 25 | EZShot | DMAC | 2018-11-13 | -51.1 | 53.3 | 18.7 | 72 | 43.8 | 55726 | | ☑ | |
| 55 | EZShot | DMAC | 2018-11-19 | -51.6 | 54 | 18.7 | 72.7 | 44.5 | 55437 | | ☑ | |
| 85 | EZShot | DMAC | 2018-11-19 | -51.6 | 56.9 | 18.7 | 75.6 | 47.4 | 55430 | | ☑ | |
| 115 | EZShot | DMAC | 2018-11-19 | -53 | 60.2 | 18.7 | 78.9 | 50.7 | 55433 | | ☑ | |
| 145 | EZShot | DMAC | 2018-11-19 | -53.7 | 62.7 | 18.7 | 81.4 | 53.2 | 55449 | | ☑ | |
| 175 | EZShot | DMAC | 2018-11-19 | -54.6 | 65.7 | 18.7 | 84.4 | 56.2 | 55476 | | ☑ | |
| 205 | EZShot | DMAC | 2018-11-19 | -55 | 68.4 | 18.7 | 87.1 | 58.9 | 55469 | | ☑ | |
| 235 | EZShot | DMAC | 2018-11-19 | -55.4 | 70.1 | 18.7 | 88.8 | 60.6 | 55505 | | ☑ | |
| 265 | EZShot | DMAC | 2018-11-19 | -55.2 | 70.6 | 18.7 | 89.3 | 61.1 | 55522 | | ☑ | |
| 295 | EZShot | DMAC | 2018-11-19 | -55.4 | 71.6 | 18.7 | 90.3 | 62.1 | 55518 | | ☑ | |

## Hole: S18-033

| Depth (m) | Survey Method | Survey By | Date Surveyed | Dip | Measured Geo Azimuth | Correction Factor | Corrected Geo Azimuth | Local Azimuth | Mag. Field | Temp (C) | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 325 | EZShot | DMAC | 2018-11-19 | -55.6 | 72.7 | 18.7 | 91.4 | 63.2 | 55516 | | ☑ | |
| 355 | EZShot | DMAC | 2018-11-19 | -55.7 | 73.4 | 18.7 | 92.1 | 63.9 | 55512 | | ☑ | |
| 385 | EZShot | DMAC | 2018-11-19 | -55.9 | 74.1 | 18.7 | 92.8 | 64.6 | 55532 | | ☑ | |
| 415 | EZShot | DMAC | 2018-11-19 | -56.1 | 77 | 18.7 | 95.7 | 67.5 | 55526 | | ☑ | |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description |
|---|---|---|

**0.00 8.00 CAS Casing**

casing to 8m.

**8.00 111.25 GRWK Greywacke grey brown FG**

fine grained greywacke with extensive fracturing (surficial weathering) to 30.2m (coreloss ~30%). Moderate pervasive biotite alteration of wacke overprinted by strong patchy protolith obscuring QSP throughout. Multiple generations of sulphide mineralized cross cutting veinlets throughout. CcQz sheeted to tensional veinlets 78.8-240m.

Pervasive Fe-oxide, manganese oxides and goethite alteration along fracture surfaces to 30.2m. Angular zones of rubble, 0.1-5cm in size with sandy apperance to 30.2m.

Minor <5% Siltstone. Well defined bedding 40-50deg tca to ~165m. Massive weakly bedded to 120m.

"Streaky", sheared veins 5-30cm in size, with PySphCpyGal mineralization 78.8-120m.

Multiple small 5 cm gougey faults @50deg tca throughout.

<<Min: 8 - 30.2: 2% pyrite / 0.1% galena / 0.01% chalcopyrite>> Pyrite in QzCc and BtPy vnlts throughout, 2-3%.

Banded interisital galena in QzCc veinlets with Py and trace Cpy.

<<Min: 30.2 - 46.65: 5% pyrite / 1% galena / 0.01% chalcopyrite>> Py Disseminated and blebby throughout greywacke (primary), localized in beds. As well as in QzCc and PyBt vnlts and blebby surrounding vnlts locally up to 10%. 5-6% throughout.

QzCc vnlts with intersital and blebby PyGalCpy locally up to 3%, Gal weakly remobilized in PyBt vnlts banded along vnlt margins.

<<Min: 46.65 - 65: 3% pyrite / 0.25% galena / 0.01% chalcopyrite>> Disseminated Primary Pyrite in beds of Grwk, (possibly alt);

Veinlets and stringers of PyBt and PyCc throughout, locally up to 5%Py.

QzCc veinlets and remobilised finely banded Gal along margins of PyBt vnlts 0.1-0.25%

Minor Cpy with blebby/Diss Py in gmass and in vnlts.

<<Min: 65 - 73.5: 5% pyrite / 0.5% galena / 0.1% chalcopyrite>> CcSulphide veinlets throughout with Primarily disseminated and blebby Py within 5-7%, Remobilized banded galena along veinlet margins 0.5-1% and VF banded throughout associated with Py stringers. Trace to 0.25% Cpy engulphed in Py in veinlets.
Blebby Gal-Py-Cpy localized around veinlets up to 1%.

<<Min: 73.5 - 78.8: 3% pyrite / 0.01% galena>> Disseminated and blebby Py as well as minor stringers of PyCc, 2-3% throughout. Cubic to blebby appearance throughout wacke groundmass (primary). Minor trace Very fine galena haloing blebby Py in gmass (late recrystalization?).

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 8.00 | 10.00 | 2.00 | X507812 | 0.06 | 904 | 6.08 | 131 | 14.2 |
| 10.00 | 11.50 | 1.50 | X507813 | 0.05 | 432 | 3.27 | 21.3 | 11.2 |
| 11.50 | 13.00 | 1.50 | X507814 | 0.04 | 557 | 3.63 | 14.6 | 10.7 |
| 13.00 | 16.00 | 3.00 | X507815 | 0.06 | 451 | 3.61 | 81.5 | 28.2 |
| 16.00 | 17.50 | 1.50 | X507816 | 0.03 | 378 | 1.98 | 14.85 | 10.8 |
| 17.50 | 19.00 | 1.50 | X507817 | 0.04 | 270 | 2.18 | 41.5 | 43.9 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Min: 78.8 - 104: 7% pyrite / 0.1% galena / 3% sphalerite / 0.01% chalcopyrite>> 3-5% Disseminated, blebby and Cc Sulph veinlets of Py throughout; some dissemianted possible patchy alteration Py. Blebs associated with Py vnlts.<br><br>Sheared CcChlBt Sulphide veins have locally semimassive sulphides, Py 20-25%, Sph 3-10%, 0.5-1% Gal 0.1%, 0.01% Cpy | 19.00 | 20.50 | 1.50 | X507818 | 0.07 | 460 | 2.98 | 83.5 | 17.8 |
| | | <<Min: 104 - 111.25: 3% pyrite / 0.1% galena / 0.1% sphalerite>> Fine disseminated Py in stringers throughout as well as in grwk, 2-3%. Minor Sph banded along vnlt margins.<br><br>Remobilized Gal in CcQz veinlets. | 20.50 | 22.00 | 1.50 | X507819 | 0.03 | 312 | 2.25 | 44.8 | 56.2 |
| | | <<Alt: 8 - 30.2: strong silicification / weak-moderate Pyrite / moderate sericitic / moderate-strong Iron oxide / weak-moderate Biotite>> Strong pervasive (weakly patchy Intense), QSP overprinting of FG mod BT altered GRWK. Protolith partially obscured. Extensive Fe-Oxide, manganese and goethite alteration strongly along fracture surfaces and pervasive overprinting haloing fractures and of rubble zones. | 22.00 | 25.00 | 3.00 | X507821 | 0.12 | 581 | 8.94 | 211 | 193 |
| | | <<Alt: 30.2 - 39.55: moderate Biotite / weak sericitic>> Moderate pervasive biotite alteration of wacke. Small patchy zones of sericite altering selective beds of GRWK. Py vein haloing with strong Bt envelope and weak ser bleaching | 25.00 | 29.50 | 4.50 | X507822 | 0.06 | 849 | 2.92 | 66 | 18.8 |
| | | <<Alt: 39.55 - 42.7: strong sericitic / weak-moderate Pyrite / moderate silicification / trace Biotite>> Strong sericite bleaching of biotite altered grwk. Py replacement of lithic clasts throughout, as well as disseminated throughout. Moderate silica Strongly haloing Hydrothermal QzCc mineralized veinlets throughout unit. Weak Bt envelope of Py vnlts. | 29.50 | 30.20 | 0.70 | X507823 | 0.04 | 518 | 1.83 | 127 | 20.7 |
| | | <<Alt: 42.7 - 43.65: weak-moderate Biotite / weak sericitic>> Moderately pervasively bt altered wacke. Selective Ser bleaching of beds of grwk | 30.20 | 31.50 | 1.30 | X507824 | 0.07 | 601 | 2.36 | 119 | 14.4 |
| | | <<Alt: 43.65 - 46.65: moderate-strong sericitic / strong silicification / moderate Pyrite / weak Biotite>> Strong QSP overprinting of bt altered grwk. Py disseminated appearnce-replacement of lithic clasts throughout. QSP ass. w/ Incr QzCc sulphide mineralized veining throughout area. Bleaching throughout. | 31.50 | 33.00 | 1.50 | X507825 | 0.08 | 767 | 3.6 | 118 | 8.7 |
| | | <<Alt: 46.65 - 53.25: moderate Biotite / weak-moderate sericitic / trace silicification>> Moderate pervasive Bt alteratino of wacke. Locally mod-strong envelope to Py vnlts.Selective Ser bleaching of beds of grwk and haloing late stringers. Si haloing QzCC veinlets throughout | 33.00 | 34.50 | 1.50 | X507826 | 0.08 | 873 | 2.45 | 23.7 | 5.4 |
| | | <<Alt: 53.25 - 73.5: strong sericitic / weak silicification / weak-moderate Pyrite / weak Biotite>> Intense sericite bleaching of Moderately biotite altered (original) greywacke. Sericite locally intense obscuring all textures of bedding, Patchy strong silica associated with and haloing Qz veins. Pyrite replacement of grains with disseminated appearance throughout.Sericite gouge in small shears | 34.50 | 36.00 | 1.50 | X507827 | 0.07 | 498 | 1.55 | 239 | 5.5 |
| | | <<Alt: 73.5 - 74.65: strong silicification / trace Iron oxide / trace sericitic>> Strong Silica replacement, Weak sericite bleaching overprinted by silica; Sericite weakly pseudobx appearance, replacement of anastomosing stringers throughout. Iron staining along fracture surfaces | 36.00 | 37.50 | 1.50 | X507828 | 0.12 | 529 | 1.86 | 303 | 12 |
| | | <<Alt: 74.65 - 79.35: weak-moderate Chlorite / weak-moderate sericitic / trace Pyrite / trace silicification / trace Calcite>> Chlorite-Sericite replacmeent of greywacke, Light green-grey appearaance. Localized silica haloing around QzCc veinlets/stringers throughout. Disseminated py replacment of wacke clasts throughout (possible min not alt); weak patchy calcite weakly pseudobx appearance. | 37.50 | 39.00 | 1.50 | X507829 | 0.09 | 621 | 2.18 | 284 | 10.4 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Alt: 79.35 - 85.8: weak-moderate Biotite / trace Chlorite / moderate sericitic / trace silicification / weak Pyrite>> Moderate pervasive Biotite alteration, Sericite alteration overprinting and bleaching. Weak chl haloing veinlets and stringers. Weak Si haloing Qz vning.Bt haloing Py vnlts; Blebby and disseminated Py replacement throughout. | 39.00 | 39.55 | 0.55 | X507831 | 0.05 | 720 | 1.9 | 304 | 7.7 |
| | | <<Alt: 85.8 - 111.25: moderate Biotite / weak sericitic / weak Chlorite / trace Pyrite>> Moderate pervasive biotite alteration of wacke and as a vein envelope to Py stringers throughout as well as late banded in sheared vning. Weak chlorite haloing QzCc planar sheeted veinlets throughout, as well as banded in sheared vning. Sericite bleaching haloiing Qz veining and around sheared veins up to 0.5m halo. Blebby to disseminated Py possible Py replacement of Cc in grwk gmass. | 39.55 | 40.50 | 0.95 | X507832 | 0.05 | 624 | 1.78 | 34 | 4.5 |
| | | <<Vein: 8 - 30.2: 0.5% Quartz-Calcite / 2% Biotite-Pyrite / 3% Quartz-Calcite>> Mineralized QzCc Veinlets 60-70deg tca, 0.5-1cm width, with PyGal Tr Cpy min. Weakly irregular appearance. Cross cut by BtPy vnlts and Planar QzCc Stringers with tensional appearance.<br><br>BtPy veinelets and stringers Irregular to planar with 0.1-0.3cm width, Bt envelope. | 40.50 | 41.50 | 1.00 | X507833 | 0.07 | 958 | 2.65 | 54.7 | 9.4 |
| | | <<Vein: 30.2 - 46.65: 5% Quartz-Calcite / 3% Calcite Sulfide vein / 3% Biotite-Pyrite / 3% Quartz-Calcite>> Zone of Incr Density QzCc Sulphide PyGalCpy vnlts, weakly irregular appearance. 0.5-5cm width, 30-60deg tca. (latest gen). Primarily bedding parallel.<br><br>PyCc veinlets 0.5-3cm width, 40-60deg tca. Weakly banded streaky appearance. Planar margins.<br><br>PyBt stringers and veinlets, irregular 0.1-0.5cm width<br>QzCc tensional stringers cross cutting; late. | 41.50 | 42.70 | 1.20 | X507834 | 0.06 | 1035 | 2.49 | 1010 | 6 |
| | | <<Vein: 46.65 - 65: 3% Calcite Sulfide vein / 2% Biotite-Pyrite / 0.25% Quartz-Calcite / 1% Quartz-Calcite>> CcPy and PyBt Veinlets parallel and discordant to bedding, 0.1-0.5cm width, 5-10/m appear to be same generation. Weak Bt haloing.<br><br>QzCc Sulphide GalPyCpy mineralized veinlets decreased intensity, ~1/m, 1-10cm width.<br><br>Late CcQzFecarb planar hairline veinlets and stringers cross cutting all bedding and vein types | 42.70 | 43.65 | 0.95 | X507835 | 0.06 | 811 | 2.43 | 88.7 | 5.7 |
| | | <<Vein: 65 - 73.5: 10% Calcite Sulfide vein / 0.5% Quartz-Calcite / Calcite>> PyCc irregular veinlets and stringers 0.1-2cm width, weakly planar, with weak to no Bt Envelope. Sericite alteration of Cc giving dark grey texture, Remobilized banded Gal along margins.<br><br>QzCc veinlets weakly planar, primarily Infilling irregular appearance. With GalPyCpy mineralization.<br><br>Cc anastomising stringers replaced with sericite giving crackle brecciated apperance. | 43.65 | 44.65 | 1.00 | X507836 | 0.06 | 837 | 2.49 | 72.5 | 5.6 |
| | | <<Vein: 73.5 - 78.8: Quartz-Calcite / Calcite Sulfide vein>> CcQzFecarb Irregular weakly tensional, fractured stringers and veinlets. ~50deg tca. Giving crackle brecciated appearance. Weakly sigmoidal sheared appearnce at 77.7m.<br><br>PyCc Stringers throughout, 0.1-0.3cm width. | 44.65 | 45.65 | 1.00 | X507837 | 0.06 | 778 | 2.78 | 183.5 | 8.5 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Vein: 78.8 - 109: 10% Quartz-Calcite / 5% Calcite Sulfide vein / 1% Calcite-Quartz-Chlorite / 3% Biotite-Pyrite>><br>QzCc Planar sheeted, stringers and veinlets with tensional appearance 70deg tca.<br><br>Streaky CcChlBtSulphide mineralized sheared veins, 5cm, 15cm and 34cm width, 50deg tca. PySphGal mineralization. Minor subrounde BX Qz vein clasts within "weakly crackley"<br><br>BtPyCc veinlets and stringers 0.3-1cm width, 50-70deg tca with Bt envelope; 3-5/m | 45.65 | 46.65 | 1.00 | X507838 | 0.05 | 432 | 1.25 | 226 | 5.8 |
| | | <<Vein: 109 - 119.3: 10% Quartz-Calcite / 10% Calcite Sulfide vein / 5% Calcite-Quartz>> QzCc-CcQz, Irregular Sulphide mineralized veinlets and veins, 0.5-15cm width, Banded fine intersitial Gal and disseminated Py within, Late Sph along margins. 40-80deg tca. Vuggy pitted erosion of Cc throughout<br><br>CcSulph planar to irregular Py mineralized veinelts with remobilized Gal along margins and Sph late banded haloing. 70-80deg tca, 0.25-3cm width. Mod Bt-Chl haloing<br>Ubiquitous tensional planar sheeted veinlets, QzCc throughout giving stripey appearance. Minor remobilized galCpy within.<br><br>Incr CcQz to 115.3m and then incr PyCc toi 117.47m | 46.65 | 48.00 | 1.35 | X507839 | 0.03 | 630 | 1.69 | 66.7 | 5.1 |
| | | <<Struc: 9 - 9.001: fracture>> Oxid stained frac ser of 10 | 48.00 | 49.50 | 1.50 | X507840 | 0.04 | 615 | 1.46 | 57.3 | 4.4 |
| | | <<Struc: 14 - 14.0001: vein - quartz-carbonate>> GalPyCpy QzCc vnlt | 49.50 | 51.00 | 1.50 | X507841 | 0.04 | 313 | 0.79 | 28.2 | 4.5 |
| | | <<Struc: 15 - 15.0001: Finely laminated/laminated/finely bedded>> | 51.00 | 52.50 | 1.50 | X507842 | 0.03 | 445 | 0.84 | 28.9 | 3.4 |
| | | <<Struc: 20.1 - 20.1001: vein - quartz-carbonate>> | 52.50 | 53.55 | 1.05 | X507843 | 0.02 | 329 | 0.88 | 49.6 | 3.6 |
| | | <<Struc: 30 - 30.0001: Finely laminated/laminated/finely bedded>> | 53.55 | 54.50 | 0.95 | X507844 | 0.08 | 317 | 2.73 | 316 | 11.8 |
| | | <<Struc: 30.2 - 30.2001: Contact>> LCT Iron staining-fracturing along surface | 54.50 | 56.00 | 1.50 | X507845 | 0.05 | 260 | 2.56 | 174.5 | 25.5 |
| | | <<Struc: 33.89 - 33.8901: vein - carbonate-sulphide>> PyCc | 56.00 | 57.50 | 1.50 | X507846 | 0.03 | 404 | 2.03 | 55.6 | 18.6 |
| | | <<Struc: 34.5 - 34.5001: vein - quartz-carbonate>> GalPyCpy | 57.50 | 59.00 | 1.50 | X507847 | 0.05 | 466 | 4.5 | 28.5 | 20.1 |
| | | <<Struc: 37.1 - 37.1001: Finely laminated/laminated/finely bedded>> | 59.00 | 60.50 | 1.50 | X507848 | 0.05 | 270 | 2.2 | 8.41 | 4.9 |
| | | <<Struc: 38.5 - 38.5001: vein - quartz-carbonate>> GalPyCpy | 60.50 | 62.00 | 1.50 | X507849 | 0.06 | 290 | 1.86 | 31.8 | 4.2 |
| | | <<Struc: 40.4 - 40.4001: Finely laminated/laminated/finely bedded>> | 62.00 | 63.50 | 1.50 | X507851 | 0.09 | 467 | 4.74 | 365 | 15.5 |
| | | <<Struc: 41.5 - 41.5001: vein - quartz-carbonate>> Gal{PyCpy | 63.50 | 65.00 | 1.50 | X507852 | 0.03 | 357 | 1.39 | 17.65 | 16.2 |
| | | <<Struc: 42.8 - 42.8001: Finely laminated/laminated/finely bedded>> | 65.00 | 66.00 | 1.00 | X507853 | 0.05 | 432 | 1.89 | 41.8 | 165 |
| | | <<Struc: 44.75 - 44.7501: vein - quartz-carbonate>> | 66.00 | 67.50 | 1.50 | X507854 | 0.09 | 935 | 4.89 | 194.5 | 493 |
| | | <<Struc: 45.1 - 45.1001: vein - quartz-carbonate>> | 67.50 | 68.00 | 0.50 | X507855 | 0.79 | 3560 | 11.4 | 101.5 | 114 |
| | | <<Struc: 46.7 - 46.7001: vein - biotite-pyrite>> | 68.00 | 69.00 | 1.00 | X507856 | 0.06 | 271 | 2.31 | 19.2 | 130 |
| | | <<Struc: 47 - 47.0001: Finely laminated/laminated/finely bedded>> | 69.00 | 70.50 | 1.50 | X507857 | 0.07 | 275 | 1.7 | 191.5 | 159.5 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 48.2 - 48.2001: vein - carbonate-sulphide>> | 70.50 | 72.00 | 1.50 | X507858 | 0.05 | 260 | 1.36 | 13.9 | 331 |
| | | <<Struc: 49.1 - 49.1001: vein - biotite-pyrite>> | 72.00 | 73.50 | 1.50 | X507859 | 0.02 | 158.5 | 0.91 | 28.1 | 169.5 |
| | | <<Struc: 49.7 - 49.7001: vein - quartz-carbonate>> | 73.50 | 74.65 | 1.15 | X507861 | 0.03 | 272 | 1.66 | 37.8 | 76.9 |
| | | <<Struc: 51.5 - 51.5001: vein - biotite-pyrite>> | 74.65 | 76.00 | 1.35 | X507862 | 0.21 | 95.8 | 0.68 | 0.72 | 152.5 |
| | | <<Struc: 54.1 - 54.1001: fault gouge>> Ser altered gouge | 76.00 | 77.50 | 1.50 | X507863 | 0.14 | 337 | 1.24 | 0.59 | 40.7 |
| | | <<Struc: 55.1 - 55.1001: fault gouge>> Ser gouge | 77.50 | 78.75 | 1.25 | X507864 | 0.02 | 204 | 0.96 | 1.25 | 54.6 |
| | | <<Struc: 55.6 - 55.6001: Finely laminated/laminated/finely bedded>> | 78.75 | 79.35 | 0.60 | X507865 | 0.43 | 442 | 8.63 | 3.29 | 6520 |
| | | <<Struc: 57.45 - 57.4501: Finely laminated/laminated/finely bedded>> | 79.35 | 80.00 | 0.65 | X507866 | 0.19 | 183.5 | 1.99 | 0.82 | 859 |
| | | <<Struc: 61.35 - 61.3501: Finely laminated/laminated/finely bedded>> | 80.00 | 81.00 | 1.00 | X507867 | 0.4 | 201 | 2.48 | 0.68 | 1180 |
| | | <<Struc: 62.55 - 62.5501: vein - quartz-carbonate>> | 81.00 | 82.50 | 1.50 | X507868 | 0.15 | 191.5 | 1.18 | 1.1 | 139.5 |
| | | <<Struc: 63.02 - 63.0201: vein - quartz-carbonate>> | 82.50 | 84.00 | 1.50 | X507869 | 0.07 | 292 | 2.15 | 5.38 | 131.5 |
| | | <<Struc: 63.6 - 63.6001: vein - biotite-pyrite>> | 84.00 | 85.50 | 1.50 | X507871 | 0.09 | 512 | 2.61 | 10.95 | 102.5 |
| | | <<Struc: 66.3 - 66.3001: vein - carbonate-sulphide>> | 85.50 | 87.00 | 1.50 | X507872 | 0.1 | 262 | 0.91 | 1.11 | 119 |
| | | <<Struc: 67.52 - 67.5201: vein - carbonate-sulphide>> | 87.00 | 87.50 | 0.50 | X507873 | 0.27 | 320 | 6.31 | 9.86 | 5060 |
| | | <<Struc: 67.8 - 67.8001: vein - carbonate-sulphide>> | 87.50 | 89.00 | 1.50 | X507874 | 0.07 | 451 | 1.58 | 1.68 | 503 |
| | | <<Struc: 68.8 - 68.8001: fault gouge>> | 89.00 | 90.50 | 1.50 | X507875 | 0.04 | 264 | 0.78 | 0.32 | 12.8 |
| | | <<Struc: 69.9 - 69.9001: fault gouge>> | 90.50 | 92.00 | 1.50 | X507876 | 0.03 | 325 | 0.98 | 0.47 | 8.4 |
| | | <<Struc: 71 - 71.001: vein - quartz-carbonate>> Bx appearance | 92.00 | 93.25 | 1.25 | X507877 | 0.03 | 209 | 1.39 | 2.17 | 140.5 |
| | | <<Struc: 72.8 - 72.8001: fracture>> Iron stained set of fractures | 93.25 | 93.75 | 0.50 | X507878 | 0.39 | 12.7 | 0.98 | 7.44 | 36.2 |
| | | <<Struc: 75.5 - 75.5001: Weakly foliated>> | 93.75 | 94.75 | 1.00 | X507879 | 0.03 | 203 | 0.74 | 1.74 | 7.8 |
| | | <<Struc: 76.6 - 76.6002: vein - carbonate-sulphide>> | 94.75 | 95.25 | 0.50 | X507880 | 0.01 | 156.5 | 0.64 | 0.3 | 8.4 |
| | | <<Struc: 78.9 - 78.9001: Sheared>> Sulphide mineralizeed sheared vn.. Bx Qz | 95.25 | 96.50 | 1.25 | X507881 | 0.01 | 104.5 | 0.62 | 0.5 | 46.9 |
| | | <<Struc: 79.35 - 79.3501: Sheared>> weak gouge and stringers | 96.50 | 98.00 | 1.50 | X507882 | 0.01 | 160.5 | 0.64 | 0.84 | 9.4 |
| | | <<Struc: 81 - 81.0001: vein - quartz-carbonate>> Sheeted vns | 98.00 | 99.50 | 1.50 | X507883 | 0.01 | 161 | 0.47 | 0.42 | 8.1 |
| | | <<Struc: 84.15 - 84.1501: vein - carbonate-sulphide>> CcGalPy | 99.50 | 101.00 | 1.50 | X507884 | 0.01 | 186 | 0.52 | 1.24 | 8.1 |
| | | <<Struc: 85.5 - 85.5001: Sheared>> CCBtChlPy shear vn | 101.00 | 102.50 | 1.50 | X507885 | 0.02 | 283 | 0.78 | 0.87 | 9 |
| | | <<Struc: 87.15 - 87.1501: Sheared>> Sheared Streaky vn UCT, | 102.50 | 104.00 | 1.50 | X507886 | 0.02 | 212 | 0.56 | 0.55 | 8.9 |
| | | <<Struc: 90.9 - 90.9001: vein - quartz-carbonate>> sheeted | 104.00 | 105.25 | 1.25 | X507887 | 0.005 | 128 | 0.45 | 0.29 | 9.4 |
| | | <<Struc: 93.31 - 93.3101: Sheared>> streaky sheared CcChlBt semimassive ss vn | 105.25 | 106.00 | 0.75 | X507888 | 0.01 | 201 | 0.74 | 0.44 | 7.9 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 95.01 - 95.0101: fault gouge>> Ser Bt gogue | 106.00 | 107.50 | 1.50 | X507889 | 0.01 | 168 | 0.65 | 2.14 | 13.7 |
| | | <<Struc: 96.65 - 96.6501: vein - quartz-carbonate>> Fractured QzCc veinlet | 107.50 | 109.00 | 1.50 | X507891 | 0.04 | 302 | 1.42 | 2.92 | 119.5 |
| | | <<Struc: 99.15 - 99.1501: vein - quartz-carbonate>> | 109.00 | 110.00 | 1.00 | X507892 | 0.07 | 233 | 2.16 | 0.44 | 610 |
| | | <<Struc: 102 - 102.0001: vein - quartz-carbonate>> | 110.00 | 111.25 | 1.25 | X507893 | 0.05 | 235 | 1.26 | 0.52 | 332 |
| | | <<Struc: 105.3 - 105.3001: vein - calcite>> Sheeted vnlts | | | | | | | | | |
| | | <<Struc: 109 - 109.001: Sheared>> weak shearing | | | | | | | | | |
| | | <<Struc: 109.3 - 109.3001: vein - quartz-carbonate>> with blebby Gal | | | | | | | | | |
| | | <<Struc: 109.8 - 109.8001: vein - quartz-carbonate>> PyGal min | | | | | | | | | |
| **111.25** | **254.30** | **GRWK-SLST Interbedded Greywacke-Siltstone dark brown VFG**<br>Fine grained, intensely biotite altered, greywacke with interbedded very fine grained siltstone (~30%); bedding 60-70deg tca.<br><br>Extensive QzCc sheeted planar veinlets cross cutting unit to ~230m.<br><br>Multiple polymetallic mineralization zones composed of QzCc and PyBt veining with late sphalerite banding haloing veining and semimasive Py shears. Increased Disseminated and blebby Py up to 10% to ~160m.<br><br>Small sericite gougey faults throughout with Si-Ser bleaching haloing (5cm in size) 218-252m. Intense gougey fault zone 252.15-253m with 0.85cm coreloss. | 111.25 | 112.00 | 0.75 | X507894 | 0.22 | 720 | 10.9 | 2.92 | 7350 |
| | | <<Min: 111.25 - 115.2: 7% pyrite / 0.2% galena / 0.5% sphalerite>> 7-10% Disseminted ,blebby and banded interisial pyrite in veins (CcQz and PyCc), as well as haloing-around veinlets.<br><br>Fine banded Galena in CcQz veins as well as remobilized banded along margins of PyCc veinlets, locally up to 1%<br><br>Late banded Sph along veinlet margins-deep orange appearance. | 112.00 | 113.00 | 1.00 | X507895 | 0.05 | 386 | 1.39 | 7.82 | 328 |
| | | <<Min: 115.2 - 116.55: 5% pyrite / 0.5% galena / 1% sphalerite>> Fine disseminated-blebby and veinlets of Py throughout 5-6%; PyCc veinlets with 5% Py fine disseminated within, and then blebby-disseminated haloing in groundmass associated with veining. Banded galena and Sphalerite remobilized haloing veinlets as well as blebby in CcQz sheeted vnlts in this zone. | 113.00 | 114.00 | 1.00 | X507896 | 0.04 | 104.5 | 0.45 | 1.47 | 44 |
| | | <<Min: 116.55 - 117.47: 25% pyrite / 5% sphalerite / 0.1% galena / 0.01% chalcopyrite>> Semimassive polymetallic sulphides. CcSulphide veinlets with disseminated Py within. intense late banded sphalerite along margins and disseminated and blebby Py haloing associated with veinlets infilling greywacke matrix as well as remobilized fine galena banded and blebby along veinlet margins as well as trace blebby Cpy with Py. 30-40% Sulphides. | 114.00 | 115.20 | 1.20 | X507897 | 0.04 | 273 | 1.47 | 1.1 | 421 |
| | | <<Min: 117.47 - 120: 3% pyrite / 0.01% galena>> Fine disseminated Py in wacke and Stringers/small PySulph veinlets, 3-4%; Fine trace Galena remobilized banded along margins of Py stringers. | 115.20 | 116.55 | 1.35 | X507898 | 0.08 | 258 | 2.93 | 2.02 | 1710 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Min: 120 - 128.7: 10% pyrite / 0.05% galena / 0.5% sphalerite / 0.01% chalcopyrite>> Blebby, disseminated and Veinlets of Py, with banded late FG Sph along margins. Py Blebs appear almost cubic and are up to 0.4cm in size, possible primary py?<br><br>Galena and Cpy blebs in QzCc sheeted vnlts throughout (possibly remobilized?) along margins of veins. | 116.55 | 117.45 | 0.90 | X507899 | 0.13 | 442 | 13.35 | 28 | 8700 |
| | | <<Min: 128.7 - 131: 5% pyrite / 0.01% galena / 0.1% sphalerite>> Disseminated and blebby py in grwk, small Py stringers throughout, Minor Sph banded along margins.<br><br>Gal remobilized trace in CcQz veinlets. | 117.45 | 118.50 | 1.05 | X507901 | 0.02 | 212 | 0.83 | 1.2 | 69.4 |
| | | <<Min: 131 - 136: 10% pyrite / 1.5% sphalerite / 0.1% galena / 0.01% chalcopyrite / 0.01% pyrrhotite>> zone of incr density PyCc veinlets and disseminated and blebby Py throughout greywacke groundmass, 7-10%.<br><br>Banded late sphalerite throughout, appears to be along margins of veinlets and with silica flooded alt zone 1-2%. Gal remobilized banded along margins of vnlts with Sph 0.1-0.25%<br><br>Trace Cpy with Py in py vnlts<br><br>Trace CpyGalPo in QzCc sheeted vnlts and in QzCc veinlets. | 118.50 | 120.00 | 1.50 | X507902 | 0.03 | 150.5 | 1.23 | 0.55 | 116 |
| | | <<Min: 136 - 146: 2% pyrite / 0.01% pyrrhotite / 0.01% chalcopyrite / 0.01% galena>> Disseminated and blebby Py in grwk 2-3%, as well as Py veinlets but density decreased.<br><br>Trace Po, Cpy and Gal in Veinlets QzCc sheeted remobilized. | 120.00 | 121.50 | 1.50 | X507903 | 0.04 | 222 | 1.27 | 0.22 | 169 |
| | | <<Min: 146 - 147: 10% pyrite / 5% sphalerite / 0.5% chalcopyrite / 0.01% galena>> Disseminated and blebby py throughout, 5-7%,<br><br>Late banded irregular sulphide infill-along and around small shear. Patchy to erratic appearance, with disseminated PySphCpy and Gal, FMG. | 121.50 | 123.00 | 1.50 | X507904 | 0.05 | 344 | 0.89 | 2.17 | 65.6 |
| | | <<Min: 147 - 150.57: 7% pyrite / 0.1% sphalerite / 0.05% galena / 0.01% chalcopyrite>> Disseminated and blebby py throughout grwk groundmass as well as veinlets of PyCc. Minor Sph banded along margins of Py vnlts, and trace Cpy engulphed in Py in vnlts.<br><br>Trace Galena in QzCc planar sheeted vnlts. Remobilized along margins on vnlts | 123.00 | 124.50 | 1.50 | X507905 | 0.05 | 245 | 1.22 | 1.03 | 330 |
| | | <<Min: 150.57 - 150.82: 90% pyrite / 1% chalcopyrite / 0.01% sphalerite>> Msv Py healed shear with QzCc. 1-2% blebby cpy and trace late Sph banded within. | 124.50 | 126.00 | 1.50 | X507906 | 0.07 | 132 | 2.49 | 3.99 | 1165 |
| | | <<Min: 150.82 - 169: 2.5% pyrite / 0.05% sphalerite / 0.01% chalcopyrite / 0.01% galena>> Disseminated, blebby and veinlets-stringers of Py throughout with trace Cpy. Banded trace very fine Sph along margins. 2-3% Py; locally up to 5% Py ~164m.<br><br>Trace galena in CcQz sheeted vnlts | 126.00 | 127.50 | 1.50 | X507907 | 0.04 | 271 | 1.2 | 3.15 | 60.7 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Min: 169 - 196.45: 10% pyrite / 0.1% pyrrhotite / 0.01% chalcopyrite / 0.01% galena / 0.25% sphalerite>> Blebby and disseminated LATE FMG Pyrite mineralization. Cross cutting all vein types-flooding appearance. Pervasive 3-5% (background) Py with zones 5-50cm in length locally up to 30% Py with sometimes weakly banded to erratic apperance.With trace PoCpy<br>QzCcChl veinlets with 0.1-0.25% Po, 0.1-0.5%Cpy and 1% Py as well as trace galena.<br>Minor banded late sphalerite-trace to 0.5% | 127.50 | 128.70 | 1.20 | X507908 | 0.08 | 241 | 1.81 | 1.32 | 123.5 |
| | | <<Min: 196.45 - 209.52: 2% pyrite / 0.1% sphalerite / 0.01% chalcopyrite / 0.01% pyrrhotite>> FG Stringers and veinlets of Py as well as minor disseminated/weakly blebby in groundmass, 2-2.5% throughout.<br><br>Banded late sphaleraite haloing veinlets, trace to 0.1%.<br><br>Blebby PoCpyPy in QzCc veinlets. | 128.70 | 130.00 | 1.30 | X507909 | 0.03 | 233 | 1.32 | 1.91 | 29.2 |
| | | <<Min: 209.52 - 210.9: 2% galena / 7% pyrite / 3% sphalerite / 0.2% chalcopyrite>> Crackle Qz veins with disseminated and interstitial FG Py, 5%, blebby and banded Gal 2-3%; banded late sph haloing vnlts and haloing blebs of Gal 3-4%, Cpy 0.1-0.25%<br><br>Disseminated Py haloing and sph in groundmass 7-10%. | 130.00 | 131.00 | 1.00 | X507911 | 0.04 | 256 | 1.15 | 1.9 | 36.1 |
| | | <<Min: 210.9 - 254.3: 3% pyrite / 0.01% chalcopyrite / 0.01% pyrrhotite / 0.01% galena>> Disseminated and blebby 3% throughout.<br>Minor late overpriting pyrite cross cutting veinlets and flooding throughout up to 5-7% locally.<br><br>Primarily Py veinlets and stringers throughout with disseminated and halos 3-5%. Trace Cpy with Py with dissem.<br><br>212.4-212.6m-Si flooding with ~7-10% Py with 0.5-1% Gal locally and 2% Sph<br><br>QzCcChl veinlets with trace CpyGalPo | 131.00 | 132.00 | 1.00 | X507912 | 0.02 | 183 | 0.77 | 0.71 | 29.4 |
| | | <<Alt: 111.25 - 115.3: strong sericitic / weak-moderate silicification / weak-moderate Pyrite / trace Biotite>> Intense sericite bleaching and replacment of FG grwk and slst-protolith partially to completely obscured only weak bedding visible. Strong silica associated with and weakly haloing QzCc mineralized veining. Pyrite replacment of wacke and Cc throughout. Weak relict Bt alt wacke. | 132.00 | 133.00 | 1.00 | X507913 | 0.04 | 243 | 1.01 | 2.06 | 27.4 |
| | | <<Alt: 115.3 - 119.6: moderate-strong Biotite / weak Chlorite / weak sericitic>> Strong pervasive biotite alteation of wacke, Banded biotite-chlorite haloing (vein enveloping) Py sulphide mienralized veining-very strong to 117.47m. Moderate localized sericite bleaching assosicated with vuggy fracturing @119.2m. | 133.00 | 134.00 | 1.00 | X507914 | 0.25 | 233 | 5.11 | 2.54 | 2340 |
| | | <<Alt: 119.6 - 124.75: strong Biotite / trace Chlorite >> Intense biotite replacment of greywacke, protolith partially obscured-almost complete replacement; weak chlorite atleraiton in QzCc veinlets. | 134.00 | 135.00 | 1.00 | X507915 | 0.31 | 114 | 4.11 | 1.74 | 2030 |
| | | <<Alt: 124.75 - 129.85: moderate-strong Biotite / moderate silicification / trace potassic>> Moderate-Strong pervasive biotite alteration of wacke, Overprinted by moderate silica alteartion-weakly lightening brown appearance, Locally strong biotite as alteration halo to blebby Py. Weak possible K alteration of Siltstone | 135.00 | 136.00 | 1.00 | X507916 | 0.17 | 332 | 2.69 | 0.73 | 1365 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Alt: 129.85 - 133: strong Biotite / trace Chlorite >> Intense biotite replacment of greywacke, protolith partially obscured-almost complete replacement; weak chlorite atleraiton in QzCc veinlets and as envelope. | 136.00 | 137.00 | 1.00 | X507917 | 0.03 | 130 | 2.11 | 0.31 | 1270 |
| | | <<Alt: 133 - 135.1: strong silicification / weak-moderate Biotite / weak Pyrite>> Strong Silica overprinting/replacement of moderatley biotite altered Grwkslst. Weak bleaching. Fine disseminated Py throughout (possible alt Py) | 137.00 | 138.50 | 1.50 | X507918 | 0.02 | 40.2 | 0.19 | 0.29 | 30.3 |
| | | <<Alt: 135.1 - 142.71: strong Biotite / trace Chlorite / trace sericitic>> Strong to intense-protolith obscuring-texturally destructive bitotie replacemnt of wacke and silts. Weak sericite haloing of CcQz sheeted veinlets, Moderate chlorite replacemnt in veins and weakly haloing veins | 138.50 | 140.00 | 1.50 | X507919 | 0.01 | 60.7 | 0.12 | 0.14 | 9.9 |
| | | <<Alt: 142.71 - 163.85: moderate-strong Biotite / moderate sericitic / weak-moderate silicification / weak potassic>> Moderate to strong Pervasive biotite alteration of wacke and silts. Sericite bleaching of groundmass associated with tensional veining and bleaching of shears/haloing shears-replacing calcite partial healing. Weak to trace K alt of silts (?) possible K. Locally strong silica alteration of smsv shr and weakly haloing Qz veinelts. | 140.00 | 141.50 | 1.50 | X507921 | 0.01 | 24.5 | 0.08 | 0.61 | 8.7 |
| | | <<Alt: 163.85 - 165.35: strong Biotite / trace sericitic>> Intense biotite replacement of wacke, weak sericite alteration of silt beds | 141.50 | 142.76 | 1.26 | X507922 | 0.04 | 99 | 0.36 | 0.65 | 29 |
| | | <<Alt: 165.35 - 165.8: moderate sericitic / moderate silicification / trace Biotite>> Sericite-Silica bleaching of Bt altered wacke, with QzCc vein cross cutting unit. | 142.76 | 144.00 | 1.24 | X507923 | 0.03 | 201 | 0.54 | 0.36 | 10.2 |
| | | <<Alt: 165.8 - 169: strong Biotite / trace sericitic / trace silicification>> Intense pervasive biotite replacement of wacke. Weak sericite bleaching of silt beds. Locallized silica haloing Qzcc veinlets within | 144.00 | 145.00 | 1.00 | X507924 | 0.04 | 142.5 | 2.11 | 0.38 | 1250 |
| | | <<Alt: 169 - 198.3: strong Biotite / moderate silicification / trace potassic / weak Chlorite >> Strong pervasive biotite alteration of wacke groundmass, Selectively strong silica bleaching and of silts giving a weakly patcky-light brown colour. Localized around Py dissem mineralization. Chlorite in QzCc veining and weakly haloing veins. Possible weak K alt with Si of silts | 145.00 | 146.00 | 1.00 | X507925 | 0.03 | 84 | 0.46 | 0.99 | 98.4 |
| | | <<Alt: 198.3 - 200: moderate-strong silicification / moderate sericitic / weak Biotite>> Moderate to weak pervasive biotite(overprinted); Silica Bleaching and pervasive overprinting. Locally intense sericite replacement 199.05-199.20m. Moderate bleaching with silica throughout unit. Sericite replacemnt along fractures | 146.00 | 147.00 | 1.00 | X507926 | 0.5 | 989 | 19.7 | 0.5 | 10750 |
| | | <<Alt: 200 - 209.52: strong Biotite / weak silicification / trace sericitic>> Strong pervasive biotite alteration of wacke, Moderate-weak pervasive silica overprinting of silts within weak pervasive - light brown zones. Selectively strong silica haloing QzCc veinlets; weakly bleaching haloing.Minor sericite alteration haloing veinlets. | 147.00 | 148.50 | 1.50 | X507927 | 0.1 | 94.1 | 1.54 | 0.29 | 356 |
| | | <<Alt: 209.52 - 237.3: strong Biotite / moderate-strong silicification / weak sericitic / weak Chlorite >> Strong pervasive biotite alteration of wacke and silts (original and background); weak-mod pervasive and locally strong patchy silica overprinting (patchy bleaching) haloing sericite altered gougey shears and haloing Qz veining. Sericite alteration of gougey smal faults/shears throughout. Trace chl op with silica, altering QzCc veins throughout. | 148.50 | 150.00 | 1.50 | X507928 | 0.04 | 197 | 0.7 | 0.37 | 19.3 |
| | | <<Alt: 237.3 - 252.1: weak Biotite / strong silicification / weak-moderate sericitic>> Moderate biotite original alteration of wacke (strongly overprinted); Intense Silica-Sericite bleaching-replacement of wacke associated with fracturing, small faults and shearing. Sericitre replacement of gougey small shears | 150.00 | 150.50 | 0.50 | X507929 | 0.04 | 124.5 | 1.74 | 1.74 | 241 |
| | | <<Alt: 252.1 - 253: strong sericitic / weak-moderate fuchsite>> Intense sericite and fucsite (chrome mica) alteration and reaplcement of wacke and gougey in faultzone. | 150.50 | 151.00 | 0.50 | X507931 | 0.19 | 1010 | 9.31 | 17.5 | 526 |

Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Alt: 253 - 254.15: strong Biotite / weak fuchsite / weak-moderate silicification>> Strong biotite alteration of wacke, Patchy selective chrome mica alteartion througohut and strong pervasive silica alteration ass. w/ vning. | 151.00 | 152.00 | 1.00 | X507932 | 0.02 | 25.9 | 0.24 | 0.98 | 15.3 |
| | | <<Alt: 254.15 - 254.3: strong sericitic / weak-moderate fuchsite / trace Biotite>> Biotite altered wacke intensely replaced by Sericite and fucsite alteration (chrome mica). In FLT zn., | 152.00 | 153.50 | 1.50 | X507933 | 0.02 | 41 | 0.3 | 0.79 | 36.8 |
| | | <<Vein: 119.3 - 136: 10% Calcite-Quartz / 2% Calcite Sulfide vein / 0.1% Quartz-Calcite>> CcQz Sheeted veinlets and stringers-weakly tensional appearance, 70-90deg tca, 0.1-1cmwidth, minor remobilized blebby sulphides within (pyCpyGal) along margins.<br><br>CcSulphide+/-Qz, Py veinlets, planar margins, 0.1-2cm width, stringers throughout with same apperance, 40-90deg tca.<br><br>QzCc irregular weakly planar veinlets with banded intersitial and blebby galena. Cross cut by all vein generations as well as weakly pitted/vuggy erosion. Minor Chl-possibly hydrothermal Chl | 153.50 | 155.00 | 1.50 | X507934 | 0.02 | 153.5 | 0.81 | 1.25 | 159 |
| | | <<Vein: 136 - 156: 2% Quartz-Calcite / 0.01% Calcite-Chlorite / 10% Quartz-Calcite / 1% Calcite Sulfide vein>> Planar to weakly irregular QzCc veinlets with Blebby galena, 40-80deg tca.<br><br>Sheeted QzCc veinlets throughout with Ser bleaching haloing and weak chl internal alt, remobilized sulphides in some veinlets/stringers. Tensional Planar appearance. (latest gen).<br><br>PyCc with Bt envelope veinlets planar 70-90deg tca, Trace Cpy., | 155.00 | 156.50 | 1.50 | X507935 | 0.01 | 101 | 0.24 | 1.03 | 6.4 |
| | | <<Vein: 156 - 169: 5% Quartz-Calcite / 0.1% Quartz-Calcite / 0.5% Calcite Sulfide vein>> QzCc planar to weakly irregular veinlets 0.5-2cm width, trace sulphides, Bleaching Sericite-Silica haloing. 30-40deg tca<br><br>QzCc tensional sheeted planar, discontinuous veinlets throughout, 70-90deg tca. Non mineralized<br><br>PyCcBt veinlets, 60-80deg tca, 0.1-1cm width, and stringers throughout | 156.50 | 158.00 | 1.50 | X507936 | 0.01 | 35.9 | 0.67 | 1.89 | 179.5 |
| | | <<Vein: 169 - 200: 10% Calcite-Quartz / 2% Quartz-Calcite-Chlorite / 1% Calcite Sulfide vein>> CcQz sheeted veinlets throughout, planar to tensional discontinuous veinlets 70-90deg tca.<br><br>QzCcChl veinlets 0.5-1.5cm width, cross cutting Sheeted veinlets. 50-80deg tca. Sulphide mineralized. Up to 10/m @180-182m<br><br>CcSulph-and Py veinlets with trace Cc, 50-70deg tca. | 158.00 | 159.50 | 1.50 | X507937 | 0.01 | 45.2 | 0.18 | 2.04 | 12 |
| | | <<Vein: 200 - 209.52: 10% Quartz-Calcite / 0.01% Quartz-Calcite / 0.25% Calcite Sulfide vein>> Sheeted CcQz planar to tensional-discontinuous veinlets and stringers throughout, 60-80deg tca, 0.1-0.3cm width.<br><br>QzCc +/-Trace Chl veinlets minor with Sulphides.<br><br>Py+/-Cc stringers and veinlets weakly planar to irregular 40-60deg tca, with Bt envelope. 1 vn 20deg tca 3cm width | 159.50 | 161.00 | 1.50 | X507938 | 0.01 | 54.2 | 0.29 | 0.71 | 13.5 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Vein: 209.52 - 212: 30% Quartz-Calcite-Biotite / 3% Calcite-Quartz>> Crackle QzCcBtChl veining, banded margins with sulphides intersititally, blebby and disseminated (haloing). 1-18cm width, ave 5cm, 40-70deg tca, sharp contacts 60-70deg tca.<br><br>Ccqz sheeted veinlets within, sheared arwaekly reworked sigmoidal appearance. | 161.00 | 162.50 | 1.50 | X507939 | 0.01 | 19.9 | 0.14 | 0.45 | 7.4 |
| | | <<Vein: 212 - 254.3: 5% Quartz-Calcite-Chlorite / 4% Calcite-Quartz / 1% Calcite Sulfide vein>> QzCcChl 45-65deg tca, cross cutting tensional veinlets (dominant vein type).Sulphide mineralized.<br><br>Cc tensional veinlets discontinous and planar, overprinted by ser/silica throughout.<br><br>PyCc irregular and planar veinlets and stringers throughout, 0.1-0.5cm width. 50-70deg tca. | 162.50 | 163.85 | 1.35 | X507940 | 0.01 | 59.6 | 0.28 | 0.49 | 6.2 |
| | | <<Struc: 111.25 - 111.25: Contact>> Bleached UCT SLST Beds,; Alt ct 70deg tca. | 163.85 | 165.25 | 1.40 | X507941 | 0.01 | 56.8 | 0.32 | 0.33 | 10.4 |
| | | <<Struc: 111.6 - 111.6001: vein - carbonate-sulphide>> With gal and Cpy | 165.25 | 166.00 | 0.75 | X507942 | 0.02 | 69.9 | 0.48 | 1.73 | 18.1 |
| | | <<Struc: 112.5 - 112.5001: Finely laminated/laminated/finely bedded>> Ser bleached relict beds | 166.00 | 167.50 | 1.50 | X507943 | 0.02 | 114.5 | 0.9 | 1.3 | 45.4 |
| | | <<Struc: 113.6 - 113.6001: vein - quartz-carbonate>> CQ vn with Gal Py | 167.50 | 169.00 | 1.50 | X507944 | 0.005 | 48.7 | 0.15 | 0.94 | 4.7 |
| | | <<Struc: 115.2 - 115.2001: Sheared>> weakly gougey ser altered LCT CcQz vn | 169.00 | 170.50 | 1.50 | X507945 | 0.005 | 86.1 | 0.64 | 1.91 | 36 |
| | | <<Struc: 115.5 - 115.5001: vein - carbonate-sulphide>> CcPy vnlt weakly sheared | 170.50 | 172.00 | 1.50 | X507946 | 0.04 | 186 | 2.51 | 1.71 | 75.2 |
| | | <<Struc: 116.5 - 116.5001: vein - quartz-carbonate>> QC vn with Gal | 172.00 | 173.50 | 1.50 | X507947 | 0.01 | 103 | 0.43 | 0.91 | 11.4 |
| | | <<Struc: 117 - 117.0001: vein - carbonate-sulphide>> Py mineralized CcPy vn | 173.50 | 175.00 | 1.50 | X507948 | 0.005 | 77.3 | 0.4 | 1.22 | 18.2 |
| | | <<Struc: 117.4 - 117.4001: vein - Pyrite-Biotite>> banded BTPy vning | 175.00 | 176.00 | 1.00 | X507949 | 0.07 | 288 | 6.85 | 3.58 | 108 |
| | | <<Struc: 117.47 - 117.4701: Contact>> LCT Vn zn | 176.00 | 177.50 | 1.50 | X507951 | 0.05 | 161.5 | 1.99 | 2.44 | 29.5 |
| | | <<Struc: 119 - 119.0001: vein - quartz-carbonate>> CcQZ sheeted vn | 177.50 | 179.00 | 1.50 | X507952 | 0.07 | 225 | 4.6 | 0.76 | 33.8 |
| | | <<Struc: 120.2 - 120.2001: vein - carbonate-sulphide>> PyCc vnlt | 179.00 | 180.50 | 1.50 | X507953 | 0.06 | 315 | 4.32 | 0.74 | 69.1 |
| | | <<Struc: 122.5 - 122.5: vein - carbonate-quartz>> sheeted | 180.50 | 182.00 | 1.50 | X507954 | 0.03 | 236 | 3.7 | 1.28 | 143.5 |
| | | <<Struc: 124.5 - 124.5001: vein - carbonate-quartz>> Sheeted | 182.00 | 183.50 | 1.50 | X507955 | 0.05 | 235 | 4.11 | 2.08 | 81.5 |
| | | <<Struc: 128.05 - 128.0501: vein - quartz-carbonate>> with gal and vugs | 183.50 | 185.00 | 1.50 | X507956 | 0.03 | 266 | 2.18 | 2.51 | 25.1 |
| | | <<Struc: 128.65 - 128.6501: vein - carbonate-sulphide>> Py min | 185.00 | 186.50 | 1.50 | X507957 | 0.01 | 168.5 | 0.86 | 2.36 | 16.2 |
| | | <<Struc: 132.6 - 132.6001: vein - carbonate-sulphide>> Py | 186.50 | 188.00 | 1.50 | X507958 | 0.01 | 72.7 | 0.65 | 7.55 | 28.7 |
| | | <<Struc: 135 - 135.0001: Sheared>> minor ser gouge and weak shearing of vnlts. | 188.00 | 189.50 | 1.50 | X507959 | 0.01 | 126 | 0.98 | 2.03 | 52.7 |
| | | <<Struc: 135.8 - 135.8001: vein - carbonate-sulphide>> | 189.50 | 191.00 | 1.50 | X507961 | 0.01 | 142 | 1.1 | 1.96 | 92.2 |
| | | <<Struc: 136.02 - 136.0201: vein - quartz-carbonate>> | 191.00 | 192.50 | 1.50 | X507962 | 0.01 | 296 | 1.05 | 1.97 | 21.5 |
| | | <<Struc: 138.55 - 138.5501: vein - calcite-chlorite>> | 192.50 | 194.00 | 1.50 | X507963 | 0.03 | 396 | 2.49 | 0.68 | 50.3 |

SKEENA RESOURCES LTD.

# GeoSpark: Drill Hole Report

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 139.8 - 139.8001: vein - quartz-carbonate>> Sheeted | 194.00 | 195.50 | 1.50 | X507964 | 0.02 | 224 | 1.91 | 0.63 | 25.4 |
| | | <<Struc: 141.5 - 141.5001: vein - quartz-carbonate>> sheeted | 195.50 | 196.45 | 0.95 | X507965 | 0.02 | 216 | 1.55 | 0.33 | 21.7 |
| | | <<Struc: 146 - 146.0001: Sheared>> Small polymetallic mineralized weakly streaky shear | 196.45 | 197.50 | 1.05 | X507966 | 0.02 | 51.3 | 0.9 | 0.59 | 63.8 |
| | | <<Struc: 146.9 - 146.9001: Semi-massive sulphide>> Sulphide infill | 197.50 | 198.30 | 0.80 | X507967 | 0.01 | 64.2 | 0.57 | 1.8 | 26.8 |
| | | <<Struc: 148.7 - 148.7001: vein - carbonate-sulphide>> PyCc | 198.30 | 199.00 | 0.70 | X507968 | 0.01 | 93.7 | 0.99 | 2.13 | 55.3 |
| | | <<Struc: 150.57 - 150.57: Contact>> UCT SMSV SHR | 199.00 | 200.00 | 1.00 | X507969 | 0.01 | 103 | 1.44 | 1.22 | 164.5 |
| | | <<Struc: 150.82 - 150.8201: Contact>> LCT SMSV SHR | 200.00 | 201.50 | 1.50 | X507971 | 0.01 | 114 | 1.27 | 1.36 | 63 |
| | | <<Struc: 152.1 - 152.1001: Sheared>> Transitional shear | 201.50 | 203.00 | 1.50 | X507972 | 0.01 | 91.9 | 1.08 | 1.67 | 52.2 |
| | | <<Struc: 153.3 - 153.3001: Sheared>> transitional partially healed shear | 203.00 | 204.50 | 1.50 | X507973 | 0.01 | 109 | 0.88 | 2.05 | 29.6 |
| | | <<Struc: 154.8 - 154.8001: vein - carbonate-sulphide>> PyCc | 204.50 | 206.00 | 1.50 | X507974 | 0.01 | 93.5 | 1.35 | 1.78 | 69 |
| | | <<Struc: 157.2 - 157.2001: Sheared>> | 206.00 | 207.50 | 1.50 | X507975 | 0.02 | 164 | 2.66 | 2.22 | 371 |
| | | <<Struc: 158.4 - 158.4001: Weakly foliated>> | 207.50 | 208.50 | 1.00 | X507976 | 0.03 | 97.2 | 2.78 | 4.33 | 495 |
| | | <<Struc: 160.6 - 160.6001: Finely laminated/laminated/finely bedded>> | 208.50 | 209.52 | 1.02 | X507977 | 0.02 | 98.9 | 1.45 | 3.07 | 279 |
| | | <<Struc: 161.95 - 161.9501: vein - carbonate-sulphide>> PyCcSph | 209.52 | 210.10 | 0.58 | X507978 | 0.03 | 99.9 | 2.69 | 1.65 | 1905 |
| | | <<Struc: 164 - 164.0001: Finely laminated/laminated/finely bedded>> | 210.10 | 210.90 | 0.80 | X507979 | 0.07 | 405 | 7.23 | 0.99 | 4290 |
| | | <<Struc: 165.2 - 165.2001: vein - carbonate-sulphide>> PyCc | 210.90 | 212.00 | 1.10 | X507980 | 0.12 | 82.9 | 1.58 | 0.82 | 1000 |
| | | <<Struc: 165.65 - 165.6501: vein - quartz-carbonate>> | 212.00 | 213.00 | 1.00 | X507981 | 0.05 | 129 | 1.69 | 0.4 | 609 |
| | | <<Struc: 166.9 - 166.9001: Finely laminated/laminated/finely bedded>> | 213.00 | 214.50 | 1.50 | X507982 | 0.02 | 140 | 0.38 | 1.54 | 10.9 |
| | | <<Struc: 171.2 - 171.2001: vein - carbonate-sulphide>> with Py | 214.50 | 216.00 | 1.50 | X507983 | 0.05 | 211 | 0.64 | 1.27 | 6.9 |
| | | <<Struc: 171.21 - 171.21: Sheared>> weak shearing streaky CcBT apperance | 216.00 | 217.50 | 1.50 | X507984 | 0.01 | 90.9 | 0.39 | 1.96 | 11 |
| | | <<Struc: 175.21 - 175.2101: fracture>> with serBt gouge | 217.50 | 218.50 | 1.00 | X507985 | 0.01 | 98.2 | 0.51 | 0.99 | 11 |
| | | <<Struc: 175.9 - 175.9001: Sheared>> | 218.50 | 220.00 | 1.50 | X507986 | 0.01 | 84.5 | 0.35 | 1.43 | 6.8 |
| | | <<Struc: 177.3 - 177.3001: vein - carbonate-sulphide>> | 220.00 | 221.50 | 1.50 | X507987 | 0.005 | 85.9 | 0.35 | 1.54 | 9.5 |
| | | <<Struc: 177.9 - 177.9001: fracture>> with weak gouge | 221.50 | 223.00 | 1.50 | X507988 | 0.005 | 99.4 | 0.65 | 1.21 | 49.4 |
| | | <<Struc: 178.4 - 178.4001: vein - quartz-carbonate>> QzCcChl | 223.00 | 224.50 | 1.50 | X507989 | 0.005 | 84.7 | 0.74 | 1.39 | 89.3 |
| | | <<Struc: 180.8 - 180.8001: vein - quartz-carbonate>> | 224.50 | 226.00 | 1.50 | X507991 | 0.01 | 62.1 | 0.98 | 0.89 | 119.5 |
| | | <<Struc: 181.9 - 181.9001: vein - quartz-carbonate>> QzChl | 226.00 | 227.50 | 1.50 | X507992 | 0.02 | 148 | 1.25 | 1.11 | 87.3 |
| | | <<Struc: 182.1 - 182.1001: Fault>> Zone of fracturing with weak gouge | 227.50 | 229.00 | 1.50 | X507993 | 0.03 | 195.5 | 1.23 | 3.23 | 90.1 |
| | | <<Struc: 184.5 - 184.5001: Massive sulphide>> Dissem py late | 229.00 | 230.50 | 1.50 | X507994 | 0.04 | 193 | 0.94 | 2.19 | 14.6 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 188.8 - 188.8001: vein - quartz-carbonate>> QzC | 230.50 | 231.50 | 1.00 | X507995 | 0.03 | 127 | 0.68 | 0.9 | 24.7 |
| | | <<Struc: 192.3 - 192.3001: vein - quartz-carbonate>> | 231.50 | 232.50 | 1.00 | X507996 | 0.01 | 85.9 | 0.51 | 1.6 | 35.5 |
| | | <<Struc: 194.35 - 194.3501: vein - quartz-carbonate>> | 232.50 | 233.50 | 1.00 | X507997 | 0.01 | 80.7 | 0.44 | 3.01 | 14.2 |
| | | <<Struc: 195 - 195.0001: Massive sulphide>> banded dissem py | 233.50 | 235.00 | 1.50 | X507998 | 0.01 | 69.5 | 0.51 | 1.82 | 24.6 |
| | | <<Struc: 196.7 - 196.7001: vein - quartz-carbonate>> | 235.00 | 236.50 | 1.50 | X507999 | 0.01 | 124 | 0.48 | 1.2 | 17.7 |
| | | <<Struc: 199 - 199.0001: fracture>> with ser gouge | 236.50 | 237.30 | 0.80 | X497101 | 0.005 | 50.1 | 0.3 | 1 | 18 |
| | | <<Struc: 202.5 - 202.5001: vein - quartz-carbonate>> shtd | 237.30 | 238.45 | 1.15 | X497102 | 0.005 | 52.6 | 0.39 | 1.69 | 19 |
| | | <<Struc: 204 - 204.0001: vein - carbonate-sulphide>> Py vnlt | 238.45 | 239.55 | 1.10 | X497103 | 0.01 | 57.8 | 0.78 | 1.07 | 107.5 |
| | | <<Struc: 205.7 - 205.7001: vein - carbonate-sulphide>> | 239.55 | 241.00 | 1.45 | X497104 | 0.01 | 57 | 0.5 | 1.18 | 26.5 |
| | | <<Struc: 209.52 - 209.5201: vein - quartz-carbonate>> crkl Qz | 241.00 | 242.15 | 1.15 | X497105 | 0.01 | 105 | 0.79 | 1.21 | 17.6 |
| | | <<Struc: 210.4 - 210.4001: Fault>> sericite gougey shear1cm, Strong foliation and banded weakly sigmoidal reworked 50-80 BT wacke 209-211m. | 242.15 | 243.50 | 1.35 | X497106 | 0.005 | 68.4 | 0.65 | 1.33 | 25.9 |
| | | <<Struc: 210.95 - 210.9501: Sheared>> | 243.50 | 245.00 | 1.50 | X497107 | 0.01 | 58 | 0.51 | 1.53 | 31.6 |
| | | <<Struc: 212.8 - 212.8001: Finely laminated/laminated/finely bedded>> | 245.00 | 246.50 | 1.50 | X497108 | 0.01 | 80 | 0.82 | 3.07 | 61.4 |
| | | <<Struc: 214.05 - 214.0501: Finely laminated/laminated/finely bedded>> | 246.50 | 248.00 | 1.50 | X497109 | 0.02 | 148 | 1.48 | 1.95 | 86.7 |
| | | <<Struc: 216.4 - 216.4001: Fault>> with ser gouge | 248.00 | 249.50 | 1.50 | X497111 | 0.01 | 99.1 | 1.4 | 4.87 | 86.9 |
| | | <<Struc: 218.3 - 218.3001: Fault>> partialy healed gougey flt | 249.50 | 251.00 | 1.50 | X497112 | 0.01 | 73.5 | 0.8 | 1.3 | 35.4 |
| | | <<Struc: 223.5 - 223.5001: vein - quartz-carbonate>> QC Shtd | 251.00 | 252.00 | 1.00 | X497113 | 0.01 | 67.3 | 1.13 | 2.04 | 137 |
| | | <<Struc: 225.8 - 225.8001: vein - quartz-carbonate>> QzChlCc | 252.00 | 253.50 | 1.50 | X497114 | 0.005 | 42.5 | 0.41 | 0.39 | 17.6 |
| | | <<Struc: 230.15 - 230.1501: fracture>> gougey fracturing | 253.50 | 254.30 | 0.80 | X497115 | 0.01 | 188 | 0.89 | 0.64 | 16.6 |
| | | <<Struc: 231.2 - 231.2001: Fault>> gouge | | | | | | | | | |
| | | <<Struc: 232.5 - 232.5001: fracture>> with ser gouge | | | | | | | | | |
| | | <<Struc: 233.5 - 233.5001: vein - quartz-carbonate>> | | | | | | | | | |
| | | <<Struc: 237.5 - 237.5001: Fault>> Uct partially healed flt | | | | | | | | | |
| | | <<Struc: 240.8 - 240.8001: vein - carbonate-sulphide>> PyCc vnlt | | | | | | | | | |
| | | <<Struc: 242.8 - 242.8001: fracture>> with ser gouge | | | | | | | | | |
| | | <<Struc: 246.6 - 246.6001: vein - carbonate-sulphide>> PyCc stringer | | | | | | | | | |
| | | <<Struc: 247.7 - 247.7001: vein - carbonate-sulphide>> Py vnlt | | | | | | | | | |
| | | <<Struc: 252.15 - 252.15: Fault>> UCT flt | | | | | | | | | |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | | |
|---|---|---|---|---|
| 254.30 | 276.55 | **GRWK Greywacke** | **brownish grey** | **FG** |

<<Struc: 254.25 - 254.2501: Sheared>> banded shearing

Fine grained, well sorted, weakly finely bedded (30-40deg tca) greywacke with minor <3% siltstone.

Cross cut by QzCc Planar tensional-sheeted veinlets, QzCcChl planar veinlets and minor PyCc veinlets and stringers.

Patchy Strong sericiteSilica bleaching throughout.

Streaky CcChlBt healed mineralized shear 256.73-257.4m

<<Min: 254.3 - 256.73: 5% pyrite>> Disseminated FG py in healed CC small shear and in stringers/veinlets throughout.

<<Min: 256.73 - 257.4: 5% pyrite / 0.1% galena / 0.25% sphalerite>> Streaky CcChlBt shr: Dissemiated to weakly blebby Py throughout with 5%Py.

Banded FG galena-weakly disseminated appearance 0.1-0.25%

Late banded sphalerite 0.25-0.5%.

<<Min: 257.4 - 274: 2% pyrite / 0.01% galena / 0.01% chalcopyrite>> Py dissemianted and in veinlets/stringers throughout 2-2.5% very fine grained.

Trace galena and cpy and py in QzCc veinlets.

<<Min: 274 - 283.2: 3% pyrite / 0.01% chalcopyrite / 0.05% pyrrhotite / 0.01% galena>> 3-4% Disseminated fine py in beds as well as in veinlets and stringers throughout with localized blebby halos.

QzCc veinlets with Trace CpyPoGal

<<Alt: 254.3 - 260.5: moderate-strong Biotite / weak Chlorite / weak silicification>> Moderate pervasive biotite alteration of wacke. Locally strong-mod banded Chl-Bt in shearing. Silica vein haloing (bleaching) ass. w/ Qz veining and chl within

<<Alt: 260.5 - 281: moderate-strong Biotite / moderate silicification / moderate sericitic / trace Chlorite >> Moderate-strong pervasive alteration of greywacke. Strong patchy Silica-Sericite bleaching associated with QzCc veining and fracturing with weak Ser gouge throughout, bleaching halos 2cm to 1m in size. Minor chlorite altering veinlets QzCc and haloing py veinlets throughout. Weak-mod pervasive silcia overprinting ass. w/vnlts

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 254.30 | 255.50 | 1.20 | X497116 | 0.01 | 127.5 | 0.93 | 0.86 | 19.7 |
| 255.50 | 256.73 | 1.23 | X497117 | 0.01 | 115 | 0.78 | 0.98 | 15 |
| 256.73 | 257.40 | 0.67 | X497118 | 0.01 | 28.9 | 1.64 | 0.64 | 114.5 |
| 257.40 | 258.50 | 1.10 | X497119 | 0.01 | 111.5 | 1.23 | 1.05 | 22.1 |
| 258.50 | 260.00 | 1.50 | X497121 | 0.01 | 88.4 | 1.91 | 1.26 | 263 |
| 260.00 | 261.50 | 1.50 | X497122 | 0.005 | 114 | 1.97 | 1.12 | 164.5 |
| 261.50 | 263.00 | 1.50 | X497123 | 0.005 | 74.9 | 1.5 | 1.25 | 126.5 |
| 263.00 | 264.50 | 1.50 | X497124 | 0.01 | 45 | 0.28 | 1.03 | 4.3 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description |
|---|---|---|

<<Vein: 254.3 - 283.2: 2% Quartz-Calcite-Chlorite / 3% Calcite-Quartz / 0.1% Calcite Sulfide vein>> QzCcChl planar veinlets with trace galena py and cpy mineralization.

CcQz tensional sheeted planar veinlets, somewhat discontinuous.

Py+/-Cc stringers and veinlets 0.1-0.5cm in size 70deg tca.

<<Struc: 255.52 - 255.5201: Sheared>>

<<Struc: 256.73 - 256.7301: Contact>> Banded streaky shearing mineralizaiton

<<Struc: 257.42 - 257.4201: vein - quartz-carbonate>> QzCc

<<Struc: 257.6 - 257.6001: vein - quartz-chlorite>>

<<Struc: 259.8 - 259.8001: vein - quartz-carbonate>> sheeted

<<Struc: 263.5 - 263.5001: vein - quartz-carbonate>> QzCcChl

<<Struc: 265.3 - 265.3001: Sheared>> weak shr

<<Struc: 266.7 - 266.7001: fracture>> Ser gougey frac

<<Struc: 270.54 - 270.5401: vein - carbonate-sulphide>> Py stringers

<<Struc: 272.7 - 272.7001: vein - quartz-carbonate>> QzCcChl

<<Struc: 275 - 275.0001: Finely laminated/laminated/finely bedded>>

**276.55 293.00 GRWK-SLST Interbedded Greywacke-Siltstone light grey FG**

Finely bedded, extensively brittle faulted, fractured and sheared, Sericite-silica-Fuchsite(chrome mica) altered greywacke-siltstone.

Fractured beds of silt 40deg tca.

QzCc sulphide mienralized infill veining throughout as well as disseminated and blebby and irregular Py veinlets.

<<Min: 283.2 - 287: 7% pyrite / 0.25% pyrrhotite / 0.05% chalcopyrite / 0.01% galena / 1% sphalerite>> QzCc veinlets/infill with blebby PyPoCpyGal mineralization up to 2% sulphides locally.

Stringers/veinlets of Py with dissemianted halos throughout 5-7% with trace Po.

Banded late Sph haloing QzCc infill

<<Min: 287 - 291.3: 5% pyrite / 0.01% pyrrhotite>> stringers and veinlets of Py with trace CcQz. Disseminated and blebby haloing; 5-6% Py very finegrained.

Trace Po in Qz bx veinlets.

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 264.50 | 266.00 | 1.50 | X497125 | 0.005 | 81.3 | 0.38 | 0.8 | 5.5 |
| 266.00 | 267.50 | 1.50 | X497126 | 0.01 | 78.3 | 0.39 | 2.35 | 4.8 |
| 267.50 | 269.00 | 1.50 | X497127 | 0.01 | 66.2 | 0.46 | 2.07 | 12.3 |
| 269.00 | 270.50 | 1.50 | X497128 | 0.01 | 139.5 | 0.85 | 1.21 | 77.2 |
| 270.50 | 272.00 | 1.50 | X497129 | 0.01 | 70.5 | 1 | 1.16 | 151.5 |
| 272.00 | 273.00 | 1.00 | X497131 | 0.01 | 103.5 | 0.35 | 0.78 | 9.6 |
| 273.00 | 274.00 | 1.00 | X497132 | 0.01 | 133.5 | 0.56 | 1.27 | 24.3 |
| 274.00 | 275.50 | 1.50 | X497133 | 0.02 | 101.5 | 0.81 | 2.03 | 60.9 |
| 275.50 | 276.55 | 1.05 | X497134 | 0.01 | 141.5 | 1.02 | 2.19 | 146.5 |

**Hole: S18-033**

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|

<<Min: 291.3 - 308.06: 0.25% pyrite / 0.01% pyrrhotite>> 0.1-0.25% fine disseminated Py laminated in beds of silt/mudstone and trace veinlets/stringers. Trace dissem in BSUs throughout unit.

Blebby Po in QzCc veinlets. Trace to 0.1%

<<Alt: 281 - 281.55: moderate-strong sericitic / weak-moderate silicification>> Strong sericite belaching and replacment of clay gouge within FLT, Moderate Silica overprinting silt clasts within.

<<Alt: 281.55 - 287: moderate silicification / weak-moderate sericitic / moderate-strong Biotite>> Moderate pervasive biotite alteration of wacke. Patchy strong sericite-silica bleaching of wacke associated with gouge/fracturing in flt and silica flooding due to prv QzCc infill veining.

<<Alt: 287 - 291.65: strong sericitic / trace Biotite / weak silicification>> Strong-Intense sericite bleaching/replacement of relict weakly banded biotite altered silts/wacke. Protolith partially obscured (texturally destructive alt). Weak silica overprinting of sericite in in angular clastic rubble.

<<Alt: 291.65 - 293: moderate-strong sericitic / moderate fuchsite / trace silicification>> Intense sericite bleaching of Sheared silts and wacke, Fuchsite (chrom mica) overprinting of Sericite (mint green appearance). Trace silica overprinting along LCT 292.7-293m

<<Vein: 283.2 - 287: 5% Quartz-Calcite / 1% Calcite Sulfide vein>> QzCc+/-Fecarb Irregular infilling to planar veinlets, 20-60deg tca, 0.2-1.5cm width, PoPyCpyGal mineralized.

Py+/-CcQz irregular stringers and veinlets 30-70deg tca. 0.2-0.5cm width Blebby and dissem Py within

<<Vein: 287 - 291.3: 5% Calcite Sulfide vein / 0.1% Quartz-Calcite>> Py+/-CcQz stringers of Py (fine disseminated veinlets/stringers) of mineralization.

Brecciated QzCc veining throughout trace PoPy mineralization.

<<Vein: 291.3 - 301: 3% Quartz-Calcite / 5% Calcite>> QzCc weakly planar to irregular veinlets 0.5-1cm widht, blebby Po and Py within, 65-70deg tca.

Planar weakly sheeted Cc veinlets-discontinuous to tensional apperance, sheared in small shears and fractured locally. Weakly "stripey" appearance.

<<Struc: 276.55 - 276.5501: Contact>> graded Ct.

<<Struc: 277.8 - 277.8001: Finely laminated/laminated/finely bedded>>

<<Struc: 279.15 - 279.1501: vein - quartz-carbonate>> QzCcChl

<<Struc: 281 - 281.0001: Fault>> UCT

<<Struc: 281.45 - 281.4501: fault gouge>>

<<Struc: 281.55 - 281.55: fracture>>

<<Struc: 283.25 - 283.2501: vein - quartz-chlorite>>

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 284.9 - 284.9001: vein - quartz-chlorite>> | | | | | | | | | |
| | | <<Struc: 285.4 - 285.4001: vein - carbonate-sulphide>> Py | | | | | | | | | |
| | | <<Struc: 285.9 - 285.9001: fracture>> gougey | | | | | | | | | |
| | | <<Struc: 287 - 287.01: fracture>> Uct FLt Frac zone | | | | | | | | | |
| | | <<Struc: 288.7 - 288.7001: fault gouge>> gouge and rubble | | | | | | | | | |
| | | <<Struc: 289.8 - 289.8001: Contact>> LCt BSU and SHr | | | | | | | | | |
| | | <<Struc: 290.6 - 290.6001: vein - carbonate-sulphide>> Py stringer | | | | | | | | | |
| | | <<Struc: 291.3 - 291.3001: fault gouge>> Ct | | | | | | | | | |
| | | <<Struc: 291.9 - 291.9001: fault gouge>> | | | | | | | | | |
| | | <<Struc: 292.05 - 292.0501: Sheared>> | | | | | | | | | |
| | | <<Struc: 292.5 - 292.5001: Sheared>> | | | | | | | | | |
| | | | 276.55 | 277.50 | 0.95 | X497135 | 0.01 | 81.6 | 0.42 | 3.82 | 29.3 |
| | | | 277.50 | 279.00 | 1.50 | X497136 | 0.01 | 86.9 | 0.57 | 2.47 | 41.1 |
| | | | 279.00 | 280.00 | 1.00 | X497137 | 0.01 | 164.5 | 0.59 | 1.19 | 26.2 |
| | | | 280.00 | 281.00 | 1.00 | X497138 | 0.01 | 178 | 0.86 | 1.24 | 31.1 |
| | | | 281.00 | 281.55 | 0.55 | X497139 | 0.03 | 187.5 | 1.64 | 1.09 | 304 |
| | | | 281.55 | 282.50 | 0.95 | X497140 | 0.02 | 134 | 0.51 | 1.3 | 19.9 |
| | | | 282.50 | 283.20 | 0.70 | X497141 | 0.02 | 160.5 | 1.08 | 1.06 | 162 |
| | | | 283.20 | 284.30 | 1.10 | X497142 | 0.06 | 210 | 2.24 | 1.18 | 467 |
| | | | 284.30 | 285.50 | 1.20 | X497143 | 0.07 | 213 | 1.82 | 1.37 | 76.6 |
| | | | 285.50 | 287.00 | 1.50 | X497144 | 0.03 | 156.5 | 0.84 | 1.39 | 26.5 |
| | | | 287.00 | 288.50 | 1.50 | X497145 | 0.02 | 117.5 | 0.68 | 1.33 | 34.6 |
| | | | 288.50 | 290.00 | 1.50 | X497146 | 0.01 | 155 | 0.54 | 1.25 | 9.5 |
| | | | 290.00 | 291.30 | 1.30 | X497147 | 0.01 | 112 | 0.5 | 1.08 | 15 |
| | | | 291.30 | 292.00 | 0.70 | X497148 | 0.005 | 69.8 | 0.27 | 0.68 | 11.7 |
| | | | 292.00 | 293.00 | 1.00 | X497149 | 0.005 | 64.2 | 0.22 | 0.86 | 8.4 |

SKEENA RESOURCES LTD.

# GeoSpark: Drill Hole Report

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description |
|---|---|---|
| **293.00** | **298.26** | **SLST siltstone dark brown VFG** |

Dark brown-dark grey, finely bedded Silt (60%) and mudstone (30%) with minor <10% FG greywacke.

Finely laminated beds 50-70deg tca.

Graded poor UCT (sheared).

Small <30cm shears throughout with Sericite-Fuchsite bleaching. Weak-moderately foliated/banded zones.

Mineralized QzCc veinlets throughout.

<<Alt: 293 - 297: strong Biotite / trace silicification / trace sericitic>> Pervasive biotite alteration of silts and mudstone, trace sericite bleaching of wacke beds. Silica haloing weakly QzCc veining throughout

<<Alt: 297 - 300.92: weak-moderate Biotite / weak-moderate sericitic / weak-moderate fuchsite / weak silicification>> Moderate pervasive biotite alteratoin of silts and BSU within, Overprinted and replaced by sericite and silica (associated with shears and mod-strong inshears). Strong selective patchy silica replacment and pervasive weakly.

<<Struc: 293 - 293.0001: Sheared>>

<<Struc: 293.4 - 293.4001: Finely laminated/laminated/finely bedded>>

<<Struc: 294.9 - 294.9001: vein - quartz-carbonate>>

<<Struc: 297.55 - 297.5501: Sheared>>

| From (m) | To (m) | Rock Type & Description |
|---|---|---|
| **298.26** | **298.80** | **BSU Biotite Spotted Unit greenish brown FMG** |

Sericite-chrome mica (fuchsite) weakly relict biotite altered Biotite Spotted unit (dyke). Sheared streaky UCT/LCTs. 60-70deg tca.

Spotted appearance, with sharp contacts and brecciated reworked veining within.

<<Struc: 298.26 - 298.2601: Contact>> Uct BSU and shear

| From (m) | To (m) | Rock Type & Description |
|---|---|---|
| **298.80** | **299.20** | **SLST siltstone brown FG** |

Dark brown-dark grey, finely bedded Silt (60%) and mudstone (30%) with minor <10% FG greywacke.

Finely laminated beds 50-70deg tca.

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 293.00 | 294.50 | 1.50 | X497151 | 0.005 | 90.2 | 0.3 | 1.43 | 12.4 |
| 294.50 | 296.00 | 1.50 | X497152 | 0.005 | 100 | 0.31 | 1.37 | 9.1 |
| 296.00 | 297.00 | 1.00 | X497153 | 0.005 | 115.5 | 0.31 | 1.44 | 7.8 |
| 297.00 | 298.26 | 1.26 | X497154 | 0.005 | 78 | 0.62 | 1.13 | 54.1 |
| 298.26 | 299.20 | 0.94 | X497155 | 0.005 | 105.5 | 0.36 | 0.99 | 15.2 |
| 299.20 | 300.00 | 0.80 | X497156 | 0.005 | 62.5 | 0.28 | 0.73 | 15.1 |

# Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **299.20** | **300.92** | **BSU** **Biotite Spotted Unit** **greenish brown** **FMG** | 300.00 | 300.92 | 0.92 | X497157 | 0.005 | 48.5 | 0.17 | 0.65 | 6.8 |
| | | Sericite-chrome mica (fuchsite) weakly relict biotite altered Biotite Spotted unit (dyke). Sheared streaky UCT/LCTs. 30 and 70deg tca.<br><br>Spotted appearance, with sharp contacts and brecciated reworked veiing within.<br><<Struc: 299.2 - 299.2001: Contact>> BSU CT UCT | | | | | | | | | |
| | | | 300.92 | 302.00 | 1.08 | X497158 | 0.005 | 101 | 0.27 | 1.52 | 8 |
| **300.92** | **308.06** | **SLST** **siltstone** **dark brown** **FG** | 302.00 | 303.50 | 1.50 | X497159 | 0.005 | 107 | 0.35 | 1.64 | 9 |
| | | Dark brown-dark grey, finely bedded Silt (60%) and mudstone (30%) with minor <10% FG greywacke.<br><br>Finely laminated beds 50deg tca. | | | | | | | | | |
| | | <<Alt: 300.92 - 308.06: strong Biotite / trace sericitic / trace silicification>> Pervasive biotite alteration of silts and mudstone, trace sericite bleaching of wacke beds. Silica haloing weakly QzCc veining throughout. | 303.50 | 305.00 | 1.50 | X497161 | 0.005 | 66.2 | 0.22 | 0.66 | 11.1 |
| | | <<Vein: 301 - 324: 2% Calcite-Quartz / 0.01% Calcite-Chlorite / 15% Calcite-Quartz>> CcQz planar veinlets and stringers cross cutting silt beds as well as BSU (latest gen vnlt), weakly sheeted appearance, 0.1-1cm width, non mineralized.<br><br>CcChl+/-Fecarb weakly banded fractured veinlet 70deg tca 3cm width.<br><br>Brecciated, Subrounded reworked clasts of Cc+/-Qz veining in BSU (relict clastic) appearance with internally crackle brecciated apperance. Vein clasts 0.1-5cm in size, ave 1.5cm; Augen appearance in zones of strong folition. | 305.00 | 306.50 | 1.50 | X497162 | 0.005 | 84.2 | 0.24 | 0.7 | 10 |
| | | <<Struc: 300.92 - 300.9201: Contact>> LCt BSU | 306.50 | 307.50 | 1.00 | X497163 | 0.005 | 102 | 0.35 | 1.23 | 7.5 |
| | | <<Struc: 303.8 - 303.8001: Finely laminated/laminated/finely bedded>> | 307.50 | 308.06 | 0.56 | X497164 | 0.01 | 61.3 | 0.25 | 1 | 9.2 |
| | | <<Struc: 306.8 - 306.8001: Finely laminated/laminated/finely bedded>> | | | | | | | | | |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|

**308.06 342.43 BSU Biotite Spotted Unit brown FMG**

Medium brown, weakly-moderately foliated (50-60deg tca), Biotite spotted unit (dyke). Relict to well defined spotted biotite "flakes" throughout. Brecciated subrounded to elongate (augens) of Qz veining reworked within. Fine grained "groundmass" of dyke with spots throughout.

Trace patchy magnetism (fine disseminated Po throughout)

Minor QzCc planar veinlets cross cutting unit.

Small Fuchsite-sericite altered shear along UCT and at 315m

Disseminated Py throughout.

Mod-str structure (fol/shearing) throughout, weaker shearing 333.5-338.95m
335.45-335.80: bx'd, str bt section of BSU (stands out from mod chl alt'd surrounding BSU) sharply bounded by qtz-cct veins at 55 deg - poss 2nd pulse of BSU.

<<Min: 308.06 - 324: 2% pyrite / 0.1% pyrrhotite>> Very fine disseminated Py in BSU 2-3%; Patchy FG disseminated Trace to 0.25% Po.

<<Min: 324 - 333: 1% pyrite / 0.01% sphalerite>> sph assoc with veining

<<Min: 333 - 333.5: 3% pyrite / 1% sphalerite / 0.01% galena / 0.01% chalcopyrite>> Sx assoc with qc veining

<<Min: 333.5 - 356.32: 0.3% pyrite>> Py assoc with veins.

<<Alt: 308.06 - 324: moderate-strong Biotite / trace fuchsite / moderate silicification / weak Pyrite / weak sericitic>> Moderate to strong pervasive biotite alteration throughout. Sericite and Chrome Mica replacement (fuchsite) alteration of small shears along UCT and throughout (localized mint green bleaching). Banded Silica-Pyrite alteration throughout (5-10cm bands ~60deg tca with fol).

<<Alt: 324 - 333.5: strong Biotite / trace Chlorite / weak-moderate silicification / moderate-strong Calcite>> Lack of fuch in this section. Tr chl assoc with veining.

<<Alt: 333.5 - 338: strong Biotite / weak-moderate Chlorite / weak silicification / weak-moderate Calcite>> Sil drops off and chl increases; less sheared appearance in this section.

<<Alt: 338 - 340.5: strong Biotite / weak Calcite>>

<<Alt: 340.5 - 356.32: strong Biotite / weak-moderate fuchsite / weak-moderate silicification>> Calcite altn absent in this section.

<<Vein: 324 - 333.5: 2% Calcite-Quartz / 3% Calcite>> Low angle veining (parallel TCA) 326-327.3m.

<<Vein: 333.5 - 340.5: 1% Quartz-Calcite / 3% Calcite>>

<<Vein: 340.5 - 356.32: 2% Quartz-Calcite>> Locally vuggy.

<<Struc: 308.06 - 308.0601: Contact>> SHRD Uct BSU

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 309 - 309.0001: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 310.3 - 310.3001: vein - calcite-chlorite>> | | | | | | | | | |
| | | <<Struc: 312.1 - 312.1001: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 314.85 - 314.8501: Sheared>> SerFuchsite gouge | | | | | | | | | |
| | | <<Struc: 315.6 - 315.6001: Strongly foliated>> | | | | | | | | | |
| | | <<Struc: 319.1 - 319.1001: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 321.3 - 321.3001: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 323.1 - 323.1001: vein - carbonate-quartz>> | | | | | | | | | |
| | | <<Struc: 323.3 - 323.3001: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 324 - 333.5: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 333.5 - 337.93: Strongly foliated>> Fol'n of bt spots | | | | | | | | | |
| | | <<Struc: 337.93 - 338: Sheared>> Streaky cct+bt+wk chl shear; only tr py. | | | | | | | | | |
| | | <<Struc: 338 - 342.43: Strongly foliated>> | | | | | | | | | |
| | | | 308.06 | 309.00 | 0.94 | X497165 | 0.005 | 79.2 | 0.31 | 1.14 | 18.2 |
| | | | 309.00 | 310.50 | 1.50 | X497166 | 0.01 | 81.5 | 0.62 | 2.37 | 108.5 |
| | | | 310.50 | 312.00 | 1.50 | X497167 | 0.005 | 92 | 0.75 | 1.34 | 164 |
| | | | 312.00 | 313.50 | 1.50 | X497168 | 0.005 | 87.1 | 0.25 | 1.18 | 11.2 |
| | | | 313.50 | 314.80 | 1.30 | X497169 | 0.005 | 71.6 | 0.17 | 0.85 | 11.8 |
| | | | 314.80 | 316.00 | 1.20 | X497171 | 0.005 | 65.5 | 0.45 | 2.03 | 115.5 |
| | | | 316.00 | 317.50 | 1.50 | X497172 | 0.005 | 71 | 0.24 | 2.23 | 13.4 |
| | | | 317.50 | 319.00 | 1.50 | X497173 | 0.005 | 70.9 | 0.3 | 1.55 | 14.7 |
| | | | 319.00 | 320.00 | 1.00 | X497174 | 0.01 | 47 | 0.23 | 0.26 | 11.7 |
| | | | 320.00 | 321.00 | 1.00 | X497175 | 0.005 | 122 | 0.46 | 0.29 | 11.3 |
| | | | 321.00 | 322.50 | 1.50 | X497176 | 0.005 | 101 | 0.33 | 1.28 | 16 |
| | | | 322.50 | 324.00 | 1.50 | X497177 | 0.005 | 101 | 0.28 | 1.25 | 24.4 |
| | | | 324.00 | 325.50 | 1.50 | X497178 | 0.005 | 57.2 | 0.17 | 1.32 | 15.2 |
| | | | 325.50 | 327.00 | 1.50 | X497179 | 0.005 | 74.8 | 0.24 | 1.55 | 16.1 |
| | | | 327.00 | 328.50 | 1.50 | X497180 | 0.005 | 105.5 | 0.33 | 0.57 | 15.7 |
| | | | 328.50 | 330.00 | 1.50 | X497181 | 0.005 | 86.6 | 0.43 | 1.91 | 38.9 |

Hole: S18-033

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 330.00 | 331.50 | 1.50 | X497182 | 0.01 | 83.2 | 0.3 | 1.41 | 15.9 |
| 331.50 | 333.00 | 1.50 | X497183 | 0.005 | 71.3 | 0.22 | 3.85 | 21.5 |
| 333.00 | 333.50 | 0.50 | X497184 | 0.04 | 394 | 9.5 | 2.4 | 5860 |
| 333.50 | 335.00 | 1.50 | X497185 | 0.005 | 113 | 0.37 | 0.48 | 24.8 |
| 335.00 | 336.50 | 1.50 | X497186 | 0.005 | 60.4 | 0.18 | 0.32 | 15.8 |
| 336.50 | 338.00 | 1.50 | X497187 | 0.005 | 101.5 | 0.41 | 2.32 | 11.4 |
| 338.00 | 339.50 | 1.50 | X497188 | 0.01 | 97.6 | 0.39 | 1.53 | 10.6 |
| 339.50 | 341.00 | 1.50 | X497189 | 0.01 | 80.8 | 0.32 | 1.7 | 9.1 |
| 341.00 | 342.43 | 1.43 | X497191 | 0.01 | 78.1 | 0.32 | 3.1 | 13.3 |

**342.43 342.70 SLST siltstone light brown FG**

Sil bleached, str bedded siltstone xenolith/rip-up clast with sharp, chilled contacts (due to re-melting of clast). UCT irreg, LCT qtz-cct veined @ 25 deg. Str bedded.
***This xenolith provides further evidence that the host unit is intrusive (BSU rather than greywacke).

<<Struc: 342.43 - 342.7: Finely laminated/laminated/finely bedded>> Bedding in siltstone xeno/rip-up clast. Flame structures indicate tops up (but clast may have been overturned).

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 342.43 | 342.93 | 0.50 | X497192 | 0.005 | 35.6 | 0.12 | 1.81 | 10.7 |

**342.70 397.55 BSU Biotite Spotted Unit brown FMG**

Mod-strongly foliated throughout; str bt with local mottled appearance due to irreg sil+fuch discont bands. This section is less obviously a BSU; due to alteration(?) bt spots are rarer.
350.02-350.55: mod bkn and spun core.

<<Min: 356.32 - 368.5: 2.5% pyrite>> 2.5% overall but loc to 5%, esp. 361.0-361.5m.

<<Min: 368.5 - 397.55: 0.5% pyrite>>

<<Alt: 356.32 - 363.7: strong Biotite / weak-moderate Calcite / moderate silicification>> Fuch drops off in this section. Sil str alters clasts.

<<Alt: 363.7 - 377.15: strong Chlorite / weak-moderate Biotite / moderate Calcite>>

<<Alt: 377.15 - 389.35: moderate-strong Biotite / weak-moderate Chlorite / weak silicification>>

<<Alt: 389.35 - 391.5: moderate-strong Biotite / weak Chlorite / weak silicification / weak-moderate fuchsite>> Fuch returns briefly.

<<Alt: 391.5 - 397.55: strong Chlorite / weak Biotite / weak-moderate Calcite>> Loc intense chl.

<<Vein: 356.32 - 363.7: 3% Quartz-Calcite>> Discont qtz vein pieces/clasts approx 10% throughout.

<<Vein: 363.7 - 370.45: 5% Quartz-Calcite / 1% Calcite>> Crackle qtz section but v. little minzn. Chl increases in this section and continues downhole to 377.15m.

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 342.93 | 344.00 | 1.07 | X497193 | 0.01 | 83.8 | 0.25 | 1.39 | 7 |
| 344.00 | 345.50 | 1.50 | X497194 | 0.005 | 43 | 0.17 | 0.37 | 5.8 |
| 345.50 | 347.00 | 1.50 | X497195 | 0.005 | 79.3 | 0.24 | 0.39 | 5.1 |
| 347.00 | 348.50 | 1.50 | X497196 | 0.01 | 102.5 | 0.31 | 1.63 | 6.2 |
| 348.50 | 350.00 | 1.50 | X497197 | 0.005 | 78.9 | 0.4 | 2.73 | 9.1 |
| 350.00 | 351.50 | 1.50 | X497198 | 0.01 | 77.4 | 0.34 | 1.71 | 8.9 |
| 351.50 | 353.00 | 1.50 | X497199 | 0.01 | 63.2 | 0.23 | 1.02 | 13.5 |
| 353.00 | 354.50 | 1.50 | X497201 | 0.005 | 39.4 | 0.13 | 1.17 | 7.6 |
| 354.50 | 356.00 | 1.50 | X497202 | 0.01 | 116.5 | 0.49 | 1.22 | 7.6 |
| 356.00 | 357.50 | 1.50 | X497203 | 0.005 | 64 | 0.26 | 1.37 | 12.8 |

## Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Vein: 370.45 - 389.5: 2% Quartz-Calcite>> Veining up to 4cm wide, mostly low angle but loc 50 deg. Not well minz'd. | 357.50 | 359.00 | 1.50 | X497204 | 0.005 | 73.6 | 0.31 | 1.3 | 18 |
| | | <<Vein: 389.5 - 397.55: 5% Quartz-Calcite>> 394.0-394.3m str crackle qtz section. | 359.00 | 360.50 | 1.50 | X497205 | 0.01 | 52.5 | 0.28 | 1.64 | 16.1 |
| | | <<Struc: 342.7 - 356.32: Strongly foliated>> | 360.50 | 362.00 | 1.50 | X497206 | 0.01 | 122 | 0.64 | 1.44 | 24.6 |
| | | <<Struc: 356.32 - 377: Moderately foliated>> | 362.00 | 363.50 | 1.50 | X497207 | 0.005 | 100.5 | 0.41 | 1.47 | 14.2 |
| | | <<Struc: 380 - 383: Moderately foliated>> Fol'n shallows to subparallel to CA in this section (stretching of bt spots), then begins to steepen again. | 363.50 | 365.00 | 1.50 | X497208 | 0.005 | 66.9 | 0.4 | 2.72 | 37.8 |
| | | <<Struc: 383.4 - 383.53: Sheared>> Wk shear, chl+qtz+cct+bt laminations | 365.00 | 366.50 | 1.50 | X497209 | 0.005 | 89.9 | 0.27 | 0.9 | 9.9 |
| | | <<Struc: 383.53 - 391.45: Moderately foliated>> Fol'n weak to absent after this, as dyke approaches below. | 366.50 | 368.00 | 1.50 | X497211 | 0.005 | 76.9 | 0.23 | 0.25 | 8.5 |
| | | | 368.00 | 369.50 | 1.50 | X497212 | 0.005 | 84.3 | 0.13 | 0.25 | 8.4 |
| | | | 369.50 | 370.95 | 1.45 | X497213 | 0.005 | 99.7 | 0.11 | 0.26 | 9.2 |
| | | | 370.95 | 372.00 | 1.05 | X497214 | 0.005 | 77.5 | 0.09 | 0.37 | 7.4 |
| | | | 372.00 | 373.50 | 1.50 | X497215 | 0.005 | 101.5 | 0.09 | 0.2 | 6.6 |
| | | | 373.50 | 375.00 | 1.50 | X497216 | 0.005 | 88.8 | 0.08 | 0.23 | 8.5 |
| | | | 375.00 | 376.50 | 1.50 | X497217 | 0.005 | 74 | 0.08 | 0.21 | 7.9 |
| | | | 376.50 | 378.00 | 1.50 | X497218 | 0.005 | 81.4 | 0.17 | 1.45 | 11.4 |
| | | | 378.00 | 379.50 | 1.50 | X497219 | 0.005 | 95.6 | 0.16 | 0.83 | 7.9 |
| | | | 379.50 | 381.00 | 1.50 | X497221 | 0.005 | 68 | 0.17 | 3.04 | 10.3 |
| | | | 381.00 | 382.50 | 1.50 | X497222 | 0.005 | 56.8 | 0.23 | 2.68 | 13.1 |
| | | | 382.50 | 384.00 | 1.50 | X497223 | 0.005 | 49.9 | 0.2 | 1.97 | 8.9 |
| | | | 384.00 | 385.50 | 1.50 | X497224 | 0.005 | 65.7 | 0.18 | 2.04 | 11.7 |
| | | | 385.50 | 387.00 | 1.50 | X497225 | 0.005 | 58.5 | 0.19 | 3.22 | 16.9 |
| | | | 387.00 | 388.50 | 1.50 | X497226 | 0.01 | 188.5 | 0.62 | 2.21 | 13.1 |
| | | | 388.50 | 390.00 | 1.50 | X497227 | 0.005 | 70.2 | 0.58 | 0.71 | 48.6 |
| | | | 390.00 | 391.50 | 1.50 | X497228 | 0.005 | 53.4 | 0.32 | 1.59 | 20.4 |
| | | | 391.50 | 393.00 | 1.50 | X497229 | 0.01 | 64.6 | 0.14 | 1.6 | 8.9 |
| | | | 393.00 | 394.50 | 1.50 | X497231 | 0.005 | 73.8 | 0.16 | 1.88 | 7.6 |
| | | | 394.50 | 396.00 | 1.50 | X497232 | 0.01 | 108 | 0.15 | 0.21 | 4.4 |
| | | | 396.00 | 397.00 | 1.00 | X497233 | 0.005 | 124.5 | 0.13 | 1.74 | 6.6 |
| | | | 397.00 | 397.55 | 0.55 | X497234 | 0.005 | 233 | 0.23 | 0.9 | 14 |

# Hole: S18-033

## 397.55 399.98 MD mafic dyke dark green FG

5% <1mm cct spots throughout.

<<Min: 397.55 - 399.98: 0.1% magnetite / 0.01% pyrite>> Tr (rare) py blebs dissem throughout. Cct blebs are alt'd with red mineral at contacts - hematite? Wk-mod magnetic throughout but no po visible - assumed to be f. dissem mt.

<<Alt: 397.55 - 399.98: strong Chlorite / trace oxide/rust>> red mineral alters cct blebs at upper and lower contact - hematite?

<<Vein: 397.55 - 399.98: 0.01% Calcite>> <1mm hairline cct stringers

<<Struc: 397.55 - 397.5501: Contact>> UCT sharp, chilled.

## 399.98 409.13 GRWK Greywacke dark green FG

Str chl alt'd and mod foliated greywacke(?). Bt/chl spots still occas visible - subtle change from BSU above due to str alt'n.

<<Min: 399.98 - 409.13: 1.5% pyrite>> Py assoc with cct+/-qtz veining.

<<Alt: 399.98 - 409.13: strong Chlorite / moderate Calcite / weak Biotite>>

<<Vein: 399.98 - 409.13: 4% Quartz-Calcite>> Veins often appear anastamosing due to stress, occas offset by x-cutting cct stringers.

<<Struc: 399.98 - 399.9801: Contact>> LCT sharp, chilled.

<<Struc: 405 - 409: Moderately foliated>>

## 409.13 411.16 MD mafic dyke dark green FG

As above. Contacts chilled. GRWK xenos/clasts 409.75-409.78 and 409.95-410.04m.

<<Min: 409.13 - 411.16: 0.01% pyrite / 0.1% magnetite>>

<<Alt: 409.13 - 411.16: strong Chlorite / trace oxide/rust>> Fe-Ox (hem?) alters cct blebs.

<<Vein: 409.13 - 411.16: 0.01% Quartz-Calcite>> Wispy qtz+cct hairline stringers.

<<Struc: 409.13 - 409.1301: Contact>> UCT sharp, chilled.

## 411.16 411.45 GRWK Greywacke dark green FG

Short interval between mafic dykes.

<<Min: 411.16 - 411.45: 1.5% pyrite>>

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 397.55 | 399.00 | 1.45 | X497235 | 0.005 | 16.8 | 0.05 | 2.05 | 12.3 |
| 399.00 | 399.98 | 0.98 | X497236 | 0.005 | 15.4 | 0.04 | 2.05 | 12.5 |
| 399.98 | 401.00 | 1.02 | X497237 | 0.005 | 14.9 | 0.15 | 0.18 | 25.5 |
| 401.00 | 402.50 | 1.50 | X497238 | 0.005 | 48.9 | 0.1 | 0.19 | 12.3 |
| 402.50 | 404.00 | 1.50 | X497239 | 0.01 | 86.3 | 0.13 | 0.5 | 11.3 |
| 404.00 | 405.50 | 1.50 | X497240 | 0.005 | 81.4 | 0.16 | 8.16 | 11.3 |
| 405.50 | 407.00 | 1.50 | X497241 | 0.005 | 128 | 0.22 | 0.95 | 13.7 |
| 407.00 | 408.50 | 1.50 | X497242 | 0.005 | 97.9 | 0.15 | 2.66 | 9.1 |
| 408.50 | 409.13 | 0.63 | X497243 | 0.005 | 91.1 | 0.16 | 1.07 | 8.7 |
| 409.13 | 410.50 | 1.37 | X497244 | 0.005 | 17.6 | 0.1 | 1.85 | 15.4 |
| 410.50 | 412.00 | 1.50 | X497245 | 0.005 | 40.3 | 0.11 | 1.62 | 12.6 |

Hole: S18-033

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Alt: 411.16 - 411.45: moderate Biotite / moderate Chlorite / moderate-strong Calcite>> Bt increasing and chl decreasing in this short section. | | | | | | | | | |
| | | <<Vein: 411.16 - 411.45: 2% Calcite-Quartz>> Some veins follow fol'n angle but most cross-cut at variable angles, typ low angle. | | | | | | | | | |
| | | <<Struc: 411.16 - 411.1601: Contact>> Sharp, somewhat irreg, chilled LCT. | | | | | | | | | |
| | | <<Struc: 411.1601 - 411.45: Moderately foliated>> 55-60 deg | | | | | | | | | |
| **411.45** | **413.10** | **MD mafic dyke dark green FG** | 412.00 | 413.10 | 1.10 | X497246 | 0.005 | 17 | 0.05 | 1.88 | 12 |
| | | As above. Cct spotted. Contacts chilled. LCT sharp but irreg.<br>411.60-411.63: GRWK clast. | | | | | | | | | |
| | | <<Min: 411.45 - 413.1: 0.01% pyrite / 0.1% magnetite>> | | | | | | | | | |
| | | <<Alt: 411.45 - 413.1: strong Chlorite >> | | | | | | | | | |
| | | <<Vein: 411.45 - 413.1: 0.05% Calcite-Quartz>> Hairline cct+/-qtz stringers <1mm. | | | | | | | | | |
| | | <<Struc: 411.45 - 411.4501: Contact>> UCT sharp, chilled. | | | | | | | | | |
| | | | 413.10 | 414.00 | 0.90 | X497247 | 0.005 | 101 | 0.18 | 0.47 | 10.6 |
| **413.10** | **415.00** | **GRWK Greywacke dark green FG** | 414.00 | 415.00 | 1.00 | X497248 | 0.01 | 144.5 | 0.49 | 1.16 | 21.3 |
| | | Bt alteration increases compared to chl alt'n above. | | | | | | | | | |
| | | <<Min: 413.1 - 415: 1% pyrite>> | | | | | | | | | |
| | | <<Alt: 413.1 - 415: strong Biotite / weak-moderate Calcite / weak-moderate Chlorite >> | | | | | | | | | |
| | | <<Vein: 413.1 - 415: 2% Quartz-Calcite>> | | | | | | | | | |
| | | <<Struc: 413.1 - 415: Moderately foliated>> | | | | | | | | | |

**End of Hole @ 415**

# GeoSpark: Drill Hole Report

SKEENA RESOURCES LTD.

## Project: Snip

## Hole: S18-034

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Prospect:** | Gold Anomaly | **Survey Type:** | DGPS | **Logged By:** | R. Markel | **Core Size:** | NQ2 |
| **UTM Grid:** | NAD83_Z9 | **Survey By:** | J. Tyler | **Drill Company:** | DMAC | **Reduced?:** | ☐ |
| **UTM East:** | 368571.97 | **Geo Azimuth:** | 26.2 | **Drill Rig:** | Rig2 | **Reduced Depth(m):** | |
| **UTM North:** | 6284017.52 | **Local Azimuth:** | 358 | **Drill Started:** | 2018-11-20 | **Reduced Size:** | |
| **UTM Elevation (m):** | 115.99 | **Dip:** | -45 | **Drill Completed:** | 2018-11-23 | **Casing Pulled?:** | ☐ |
| **Local Grid:** | MINE | **Length (m):** | 205 | **Hole Type:** | DD | **Casing Depth (m):** | 1.5 |
| **Local East:** | 1624 | **Hole Status:** | Completed | **Hole Diameter:** | 7.57 | **Year:** | 2018 |
| **Local North:** | 2594 | | | | | **Company:** | Skeena |
| **Mining Division:** | Liard | **Comments:** | | | | | |

| Depth (m) | Survey Method | Survey By | Date Surveyed | Dip | Measured Geo Azimuth | Correction Factor | Corrected Geo Azimuth | Local Azimuth | Mag. Field | Temp (C) | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | EZShot | DMAC | 2018-11-23 | -45 | 7.5 | 18.7 | 26.2 | 358 | | | ☑ | |
| 25 | EZShot | DMAC | 2018-11-23 | -45 | 7.5 | 18.7 | 26.2 | 358 | 55498 | 12 | ☑ | |
| 55 | EZShot | DMAC | 2018-11-23 | -45.7 | 8.6 | 18.7 | 27.3 | 359.1 | 55378 | 13 | ☑ | |
| 85 | EZShot | DMAC | 2018-11-23 | -46.1 | 9.6 | 18.7 | 28.3 | 0.1 | 55419 | 14 | ☑ | |
| 115 | EZShot | DMAC | 2018-11-23 | -46.5 | 10.1 | 18.7 | 28.8 | 0.6 | 55472 | 14 | ☑ | |
| 145 | EZShot | DMAC | 2018-11-23 | -46.9 | 11 | 18.7 | 29.7 | 1.5 | 55348 | 15 | ☑ | |
| 175 | EZShot | DMAC | 2018-11-23 | -47.3 | 11.9 | 18.7 | 30.6 | 2.4 | 55384 | 14 | ☑ | |
| 205 | EZShot | DMAC | 2018-11-23 | -47.7 | 12.4 | 18.7 | 31.1 | 2.9 | 55377 | 12 | ☑ | |

# GeoSpark: Drill Hole Report

SKEENA RESOURCES LTD.

## Hole: S18-034

| From (m) | To (m) | Rock Type & Description | | | |
|---|---|---|---|---|---|
| **0.00** | **1.50** | **OVBN** | **Overburden** | | |
| **1.50** | **24.15** | **QMONZ** | **quartz monzonite** | **green-grey** | **FG** |

Mod-str fol'd, str qtz veined, str sil alt'd, biotitic and chloritic Bronson Stock intrusive (qtz monz).

<<Min: 1.5 - 24.15: 0.1% pyrite / 0.01% sphalerite / 0.01% galena / 0.01% chalcopyrite>> Tr sph, gal and cpy esp. 12.3-13.0m.

<<Alt: 1.5 - 24.15: moderate Biotite / moderate-strong Chlorite / strong silicification / trace fuchsite / weak-moderate oxide/rust>> Variable chl and bt downhole. Wk to locally mod oxid (lim? Goeth?) on frac surfaces, decreasing downhole. Tr fuch esp. near 4m and towards LCT.

<<Vein: 1.5 - 24.15: 7% Quartz-Chlorite>> Veins follow fol'n, often discont. Rare x-cutting qtz veins, discont, @ 30 deg.

<<Struc: 1.5 - 24.15: Strongly foliated>> 55-60 deg fol'n.

<<Struc: 12.22 - 12.36: Sheared>> Wk shear with laminated qtz, bt, chl 60-65 deg.

| From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|
| 1.50 | 3.00 | 1.50 | X497249 | 0.08 | 10.8 | 0.25 | 3 | 33.6 |
| 3.00 | 4.50 | 1.50 | X497251 | 0.03 | 24.9 | 0.41 | 2.16 | 49.9 |
| 4.50 | 6.00 | 1.50 | X497252 | 0.06 | 42.6 | 0.5 | 2.94 | 23.5 |
| 6.00 | 7.50 | 1.50 | X497253 | 0.03 | 10 | 0.15 | 6.72 | 13.1 |
| 7.50 | 9.00 | 1.50 | X497254 | 0.005 | 11.7 | 0.09 | 3.88 | 5.3 |
| 9.00 | 10.50 | 1.50 | X497255 | 0.02 | 7.1 | 0.11 | 9.45 | 5.9 |
| 10.50 | 12.00 | 1.50 | X497256 | 0.03 | 6.8 | 0.21 | 11.25 | 19 |
| 12.00 | 13.00 | 1.00 | X497257 | 0.17 | 22.5 | 1.66 | 56.3 | 176 |
| 13.00 | 14.50 | 1.50 | X497258 | 0.02 | 9.1 | 0.42 | 13.1 | 38.7 |
| 14.50 | 16.00 | 1.50 | X497259 | 0.01 | 14.3 | 0.4 | 6.53 | 18.2 |
| 16.00 | 17.50 | 1.50 | X497261 | 0.03 | 8.1 | 0.22 | 11.7 | 24.7 |
| 17.50 | 19.00 | 1.50 | X497262 | 0.01 | 6.6 | 0.24 | 18.95 | 17.2 |
| 19.00 | 20.50 | 1.50 | X497263 | 0.005 | 6.8 | 0.36 | 6.26 | 15.1 |
| 20.50 | 22.00 | 1.50 | X497264 | 0.01 | 11.5 | 0.49 | 8.12 | 36.4 |
| 22.00 | 23.50 | 1.50 | X497265 | 0.03 | 15.4 | 0.52 | 6.68 | 26.2 |
| 23.50 | 24.15 | 0.65 | X497266 | 0.05 | 27.4 | 0.56 | 8.92 | 30.8 |

| From (m) | To (m) | Rock Type & Description | | | |
|---|---|---|---|---|---|
| **24.15** | **205.00** | **GRWK** | **Greywacke** | **greenish brown** | **FG** |

Mod-str alt'd, varying from bt to chl+ep. Mod-str fol'd throughout.
@ 25.95 1 cm gouge
27.15-27.25: crkl qtz vn with tr po
Bleached appearance from 49.7 to 51.9m due to qtz-ser haloing from fault and bx.
203.4 to EOH v.f.gr, fol'n lost. Poss dyke but no chill margins, gradational coarsening and abrupt fining downhole. Poss slst but no bedding visible.

<<Min: 24.15 - 27.74: 2% pyrite>>

<<Min: 27.74 - 27.79: 1% galena / 3% pyrite / 0.01% sphalerite>> In small shear.

<<Min: 27.79 - 30.65: 2% pyrite / 0.01% pyrrhotite>> Po with py in cct vein @ 29.3m.

## Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Min: 30.65 - 33.25: 3.5% pyrite / 0.01% sphalerite>> Py increases in section of increases sil and then increased ep+chl. One 0.3cm sph vein @ 31.13m. | | | | | | | | | |
| | | <<Min: 33.25 - 37.05: 2.5% pyrite>> | | | | | | | | | |
| | | <<Min: 37.05 - 37.9: 2% pyrite / 0.1% sphalerite / 0.01% galena / 0.01% chalcopyrite>> In streaky cct veined zone | | | | | | | | | |
| | | <<Min: 37.9 - 39.55: 4% pyrite / 0.01% pyrrhotite / 0.01% chalcopyrite>> Mostly as dissems, occas veins py. | | | | | | | | | |
| | | <<Min: 39.55 - 49.88: 2.5% pyrite>> | | | | | | | | | |
| | | <<Min: 49.88 - 51.85: 2% pyrite>> | | | | | | | | | |
| | | <<Min: 51.85 - 60.45: 3% pyrite>> Py dissems and as veins. @ 60.41m 4 cm semi-msv py+qtz+cct vn @ 35-40 deg. | | | | | | | | | |
| | | <<Min: 60.45 - 70: 2% pyrite>> | | | | | | | | | |
| | | <<Min: 70 - 75.05: 3% pyrite / 0.01% pyrrhotite / 0.01% chalcopyrite>> Po and cpy blebs assoc with qtz+/-cct veining. | | | | | | | | | |
| | | <<Min: 75.05 - 75.4: 3% pyrite / 0.01% sphalerite / 0.01% galena>> | | | | | | | | | |
| | | <<Min: 75.4 - 78: 5% pyrite>> Veins and dissems. | | | | | | | | | |
| | | <<Min: 78 - 90.9: 2.5% pyrite>> 2-3% py. | | | | | | | | | |
| | | <<Min: 91.15 - 91.6: 20% pyrite>> Semi-msv py in bleached partially healed fault. | | | | | | | | | |
| | | <<Min: 91.6 - 92.15: 0.01% pyrite>> Str ser section of fault, v. little minzn. Milled clasts up to 5cm wide. | | | | | | | | | |
| | | <<Min: 92.15 - 92.5: 8% pyrite>> Large irreg, discont vns within bleached and gougey fault. | | | | | | | | | |
| | | <<Min: 92.5 - 103.4: 2% pyrite>> | | | | | | | | | |
| | | <<Min: 103.4 - 104.3: 5% pyrite / 0.01% chalcopyrite>> | | | | | | | | | |
| | | <<Min: 104.3 - 106: 1% pyrite>> | | | | | | | | | |
| | | <<Min: 106 - 151.5: 2.5% pyrite / 0.01% chalcopyrite / 0.01% molybdenite>> Tr cpy assoc with qc veining, esp. @ 135.9, 147.75m.<br>@ 146.95m tr mo? (or gal) blebs in 1cm qtz+ep vn @ 55deg - v. soft, blueish tint | | | | | | | | | |
| | | <<Min: 151.5 - 154.62: 5% pyrite>> | | | | | | | | | |
| | | <<Min: 154.62 - 156: 2% pyrite>> | | | | | | | | | |
| | | <<Min: 156 - 169.7: 2% pyrite>> | | | | | | | | | |
| | | <<Min: 169.7 - 183: 2% pyrite / 0.01% chalcopyrite / 0.01% pyrrhotite>> Py veins and dissems. Cpy and po (tr) assoc with qtz veining.<br>169.7-169.9: crkl qtz vn w tr cpy + po<br>@ 175.55: 4cm semi-msv py vn with cct @ 70 deg | | | | | | | | | |
| | | <<Min: 183 - 184.1: 2% pyrite>> Vein and bleb py in cct alt'd section | | | | | | | | | |
| | | <<Min: 184.1 - 190.5: 2% pyrite / 0.01% pyrrhotite / 0.01% chalcopyrite>> Po esp. prevalent 184.1-185.75m. | | | | | | | | | |

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Min: 190.5 - 205: 3% pyrite / 0.01% chalcopyrite / 0.01% pyrrhotite>> Po and cpy blebs assoc with qtz-cct-chl veins. | | | | | | | | | |
| | | <<Alt: 24.15 - 30.65: intense Biotite / trace Chlorite / weak Calcite>> | | | | | | | | | |
| | | <<Alt: 30.65 - 31.45: strong Biotite / moderate-strong silicification / weak Chlorite >> | | | | | | | | | |
| | | <<Alt: 31.45 - 34.3: strong Chlorite / weak-moderate Biotite / moderate-strong Epidote>> Ep assoc with cct veining. | | | | | | | | | |
| | | <<Alt: 34.3 - 49.88: moderate-strong Chlorite / strong Biotite / moderate Epidote / weak-moderate silicification>> Ep assoc with cct veining. This section varies between dominantly chl and dominantly bt alt'n. | | | | | | | | | |
| | | <<Alt: 49.88 - 51.85: strong silicification / weak-moderate Potassium feldspar / weak Biotite>> | | | | | | | | | |
| | | <<Alt: 51.85 - 60.5: moderate-strong Biotite / moderate-strong Chlorite / moderate Epidote / trace Haematite / trace Potassium feldspar>> Ep alters cct veins. Tr hem assoc with cct veining, esp. @ 53.75m. Intense ksp+sil alt'n floods out from microfractures 56.95-57.10 and 58.15-58.20m. | | | | | | | | | |
| | | <<Alt: 60.5 - 75.05: strong Chlorite / weak Biotite / weak-moderate Epidote / trace Haematite >> Ep alters cct veins. Wk-mod hem on frac surfaces, esp. 66-68m. | | | | | | | | | |
| | | <<Alt: 75.05 - 75.4: strong Biotite / trace Chlorite / moderate silicification>> | | | | | | | | | |
| | | <<Alt: 75.4 - 86.38: strong Chlorite / weak Biotite / moderate-strong Epidote>> Ep alters cct veins. | | | | | | | | | |
| | | <<Alt: 86.38 - 89.5: strong silicification / moderate sericitic / weak-moderate Biotite>> | | | | | | | | | |
| | | <<Alt: 89.5 - 90.45: strong Biotite / weak-moderate Chlorite / moderate sericitic / weak silicification>> | | | | | | | | | |
| | | <<Alt: 90.45 - 93.15: strong silicification / moderate sericitic / weak Chlorite / weak Biotite>> | | | | | | | | | |
| | | <<Alt: 93.15 - 94.58: moderate-strong silicification / moderate-strong sericitic / moderate-strong Chlorite / weak Biotite>> | | | | | | | | | |
| | | <<Alt: 94.58 - 106: strong Chlorite / moderate-strong Epidote / weak-moderate Biotite / weak silicification>> | | | | | | | | | |
| | | <<Alt: 106 - 107.25: weak Haematite / strong Chlorite / weak-moderate Biotite / moderate-strong silicification>> Hem spots in cct veins | | | | | | | | | |
| | | <<Alt: 107.25 - 118: strong Chlorite / weak Biotite / moderate Epidote / weak-moderate silicification / trace Haematite >> Tr hem assoc with qc veins | | | | | | | | | |
| | | <<Alt: 118 - 156: strong Chlorite / weak Epidote / weak-moderate silicification / trace Haematite >> Hem assoc with qc veins | | | | | | | | | |
| | | <<Alt: 156 - 183: moderate Chlorite / weak-moderate Biotite / weak-moderate Epidote / weak silicification>> Ep alters cct veins. | | | | | | | | | |
| | | <<Alt: 183 - 184.1: moderate-strong Calcite / weak-moderate Chlorite / weak-moderate Biotite / weak silicification>> Bleached appearance due to carb flooding. | | | | | | | | | |
| | | <<Alt: 184.1 - 190.5: moderate-strong Biotite / moderate Chlorite >> Alternating bt-chl alt'n. | | | | | | | | | |
| | | <<Alt: 190.5 - 205: strong Chlorite / weak-moderate Epidote / weak Biotite / weak-moderate silicification>> | | | | | | | | | |

# Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Vein: 24.15 - 49.88: 8% Calcite / 0.5% Quartz-Chlorite-Calcite>> Discont cct stringers follow fol'n. Qtz+/-cct veins x-cut fol'n at mod angle. Sx assoc with veining.<br>27.15-27.25: crkl qtz vn with tr po<br>@ 38.8m 2cm bt-qtz vn @ 25 deg. | | | | | | | | | |
| | | <<Vein: 49.88 - 51.85: 3% Qtz>> Vuggy qtz (replacing cct?) veining heals fault and bx. | | | | | | | | | |
| | | <<Vein: 51.85 - 70: 3% Calcite / 0.5% Quartz-Calcite>> Ep alters cct veins. Qtz+cct veins typ follow fol'n but also x-cut at low-mod angles occas. | | | | | | | | | |
| | | <<Vein: 70 - 94.75: 4% Calcite / 1% Quartz-Calcite>> 94.58-94.75: crkl qtz vn with 1% py on margins. | | | | | | | | | |
| | | <<Vein: 94.75 - 112: 1% Quartz-Calcite-Chlorite / 2% Calcite>> | | | | | | | | | |
| | | <<Vein: 112 - 137.5: 3% Calcite / 2% Quartz-Calcite-Chlorite>> | | | | | | | | | |
| | | <<Vein: 137.5 - 138.65: 15% Quartz-Calcite-Chlorite / 1% Calcite>> | | | | | | | | | |
| | | <<Vein: 138.65 - 205: 1% Quartz-Calcite-Chlorite / 4% Calcite>> Qtz veining decreases 156.5-169.5m. | | | | | | | | | |
| | | <<Struc: 24.15 - 24.1501: Contact>> Sharp, qtz veined. | | | | | | | | | |
| | | <<Struc: 28 - 37: Strongly foliated>> | | | | | | | | | |
| | | <<Struc: 42 - 49.88: Strongly foliated>> | | | | | | | | | |
| | | <<Struc: 51.25 - 86.38: Strongly foliated>> 40-50 deg. | | | | | | | | | |
| | | <<Struc: 95 - 106: Strongly foliated>> | | | | | | | | | |
| | | <<Struc: 108 - 159: Strongly foliated>> | | | | | | | | | |
| | | <<Struc: 177 - 183: Moderately foliated>> | | | | | | | | | |
| | | <<Struc: 184.1 - 203.15: Strongly foliated>> Str fol'n ends just before EOH. | | | | | | | | | |
| | | | 24.15 | 25.50 | 1.35 | X497267 | 0.01 | 67.2 | 0.28 | 59.7 | 14.9 |
| | | | 25.50 | 27.00 | 1.50 | X497268 | 0.02 | 115 | 0.3 | 61.5 | 23.8 |
| | | | 27.00 | 28.50 | 1.50 | X497269 | 0.01 | 160.5 | 0.26 | 284 | 18.6 |
| | | | 28.50 | 30.00 | 1.50 | X497271 | 0.01 | 124 | 0.16 | 45.4 | 9.3 |
| | | | 30.00 | 30.65 | 0.65 | X497272 | 0.01 | 117 | 0.3 | 13.3 | 9.5 |
| | | | 30.65 | 31.45 | 0.80 | X497273 | 0.02 | 259 | 1.3 | 16.75 | 193 |
| | | | 31.45 | 32.50 | 1.05 | X497274 | 0.01 | 267 | 0.39 | 26.3 | 7.3 |
| | | | 32.50 | 33.25 | 0.75 | X497275 | 0.01 | 390 | 0.37 | 39 | 6.5 |
| | | | 33.25 | 34.50 | 1.25 | X497276 | 0.01 | 219 | 0.29 | 46 | 6.6 |
| | | | 34.50 | 36.00 | 1.50 | X497277 | 0.005 | 157.5 | 0.39 | 53 | 9 |

Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 36.00 | 37.05 | 1.05 | X497278 | 0.01 | 98.4 | 0.25 | 24.8 | 10.6 |
| | | | 37.05 | 37.90 | 0.85 | X497279 | 0.08 | 398 | 3.76 | 53.8 | 448 |
| | | | 37.90 | 38.60 | 0.70 | X497280 | 0.04 | 523 | 0.8 | 74.5 | 15.4 |
| | | | 38.60 | 39.55 | 0.95 | X497281 | 0.05 | 564 | 1.24 | 16.9 | 16.7 |
| | | | 39.55 | 41.00 | 1.45 | X497282 | 0.01 | 356 | 0.71 | 31.5 | 43.5 |
| | | | 41.00 | 42.50 | 1.50 | X497283 | 0.005 | 108.5 | 0.3 | 15.8 | 37.3 |
| | | | 42.50 | 44.00 | 1.50 | X497284 | 0.01 | 159 | 0.31 | 18.65 | 6.9 |
| | | | 44.00 | 45.50 | 1.50 | X497285 | 0.02 | 284 | 0.58 | 80.4 | 13.7 |
| | | | 45.50 | 47.00 | 1.50 | X497286 | 0.01 | 170 | 0.23 | 24.5 | 5.6 |
| | | | 47.00 | 48.50 | 1.50 | X497287 | 0.01 | 180 | 0.24 | 40.5 | 6.1 |
| | | | 48.50 | 49.88 | 1.38 | X497288 | 0.005 | 116 | 0.54 | 8.92 | 30.8 |
| | | | 49.88 | 50.70 | 0.82 | X497289 | 0.01 | 209 | 0.52 | 4.83 | 10.5 |
| | | | 50.70 | 51.85 | 1.15 | X497291 | 0.04 | 537 | 1.28 | 42.7 | 41.6 |
| | | | 51.85 | 53.00 | 1.15 | X497292 | 0.02 | 276 | 0.68 | 65.1 | 34.8 |
| | | | 53.00 | 54.50 | 1.50 | X497293 | 0.03 | 291 | 0.63 | 77.4 | 15.2 |
| | | | 54.50 | 56.00 | 1.50 | X497294 | 0.02 | 160 | 0.29 | 31.6 | 13.2 |
| | | | 56.00 | 57.50 | 1.50 | X497295 | 0.02 | 211 | 0.86 | 55.4 | 23.3 |
| | | | 57.50 | 59.00 | 1.50 | X497296 | 0.03 | 300 | 0.62 | 52.9 | 8.1 |
| | | | 59.00 | 60.00 | 1.00 | X497297 | 0.02 | 190.5 | 0.52 | 19.6 | 6.7 |
| | | | 60.00 | 60.50 | 0.50 | X497298 | 0.02 | 215 | 0.61 | 66.2 | 8.6 |
| | | | 60.50 | 62.00 | 1.50 | X497299 | 0.01 | 105 | 0.26 | 59.2 | 8.8 |
| | | | 62.00 | 63.15 | 1.15 | X497301 | 0.005 | 101 | 0.26 | 44.1 | 8.7 |
| | | | 63.15 | 63.65 | 0.50 | X497302 | 0.01 | 108.5 | 0.22 | 23.3 | 5.8 |
| | | | 63.65 | 65.00 | 1.35 | X497303 | 0.02 | 168.5 | 0.29 | 78 | 6.1 |
| | | | 65.00 | 66.50 | 1.50 | X497304 | 0.02 | 139 | 0.23 | 48.5 | 7.1 |
| | | | 66.50 | 68.00 | 1.50 | X497305 | 0.02 | 144.5 | 0.25 | 29.3 | 5.6 |
| | | | 68.00 | 69.50 | 1.50 | X497306 | 0.01 | 179.5 | 0.4 | 68.1 | 8.4 |
| | | | 69.50 | 70.50 | 1.00 | X497307 | 0.01 | 153.5 | 0.29 | 25.6 | 9.4 |
| | | | 70.50 | 71.50 | 1.00 | X497308 | 0.03 | 458 | 0.92 | 59.2 | 16.8 |

Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 71.50 | 72.65 | 1.15 | X497309 | 0.01 | 181.5 | 0.31 | 70.9 | 6.4 |
| | | | 72.65 | 73.45 | 0.80 | X497311 | 0.01 | 77.6 | 0.16 | 124.5 | 9.5 |
| | | | 73.45 | 74.55 | 1.10 | X497312 | 0.005 | 112 | 0.24 | 71.6 | 10 |
| | | | 74.55 | 75.05 | 0.50 | X497313 | 0.005 | 67.7 | 0.14 | 33.3 | 16.2 |
| | | | 75.05 | 75.55 | 0.50 | X497314 | 0.03 | 277 | 7.58 | 53.7 | 5520 |
| | | | 75.55 | 76.50 | 0.95 | X497315 | 0.01 | 140 | 1.41 | 52.6 | 720 |
| | | | 76.50 | 78.00 | 1.50 | X497316 | 0.02 | 515 | 0.93 | 84.7 | 27.2 |
| | | | 78.00 | 79.50 | 1.50 | X497317 | 0.01 | 217 | 0.37 | 26.3 | 11.9 |
| | | | 79.50 | 81.00 | 1.50 | X497318 | 0.01 | 305 | 0.41 | 130.5 | 13.4 |
| | | | 81.00 | 82.50 | 1.50 | X497319 | 0.04 | 506 | 4.28 | 136 | 4810 |
| | | | 82.50 | 84.00 | 1.50 | X497321 | 0.02 | 322 | 1.73 | 76.4 | 516 |
| | | | 84.00 | 85.50 | 1.50 | X497322 | 0.01 | 199.5 | 0.93 | 24.1 | 133 |
| | | | 85.50 | 86.38 | 0.88 | X497323 | 0.02 | 416 | 0.71 | 82.4 | 49.3 |
| | | | 86.38 | 87.50 | 1.12 | X497324 | 0.02 | 498 | 0.77 | 64.7 | 17.8 |
| | | | 87.50 | 88.50 | 1.00 | X497325 | 0.02 | 376 | 0.54 | 186 | 9.5 |
| | | | 88.50 | 89.50 | 1.00 | X497326 | 0.01 | 201 | 0.39 | 44.4 | 7.4 |
| | | | 89.50 | 90.45 | 0.95 | X497327 | 0.02 | 188.5 | 0.35 | 202 | 18 |
| | | | 90.45 | 91.15 | 0.70 | X497328 | 0.01 | 96.3 | 0.5 | 150 | 30.4 |
| | | | 91.15 | 91.65 | 0.50 | X497329 | 0.02 | 45.7 | 0.29 | 19.95 | 169 |
| | | | 91.65 | 92.50 | 0.85 | X497331 | 0.02 | 89.2 | 0.27 | 36.6 | 94.2 |
| | | | 92.50 | 93.15 | 0.65 | X497332 | 0.01 | 134.5 | 0.24 | 37.2 | 9 |
| | | | 93.15 | 94.58 | 1.43 | X497333 | 0.02 | 96.7 | 0.24 | 47.3 | 11.9 |
| | | | 94.58 | 96.00 | 1.42 | X497334 | 0.01 | 87.9 | 0.16 | 26.9 | 11 |
| | | | 96.00 | 97.50 | 1.50 | X497335 | 0.03 | 213 | 0.36 | 36.8 | 15.6 |
| | | | 97.50 | 99.00 | 1.50 | X497336 | 0.02 | 160 | 0.29 | 61.2 | 10.7 |
| | | | 99.00 | 100.50 | 1.50 | X497337 | 0.01 | 98.3 | 0.17 | 70.9 | 9 |
| | | | 100.50 | 102.00 | 1.50 | X497338 | 0.02 | 154 | 0.23 | 84.3 | 6.1 |
| | | | 102.00 | 103.50 | 1.50 | X497339 | 0.02 | 265 | 0.34 | 105 | 8.9 |
| | | | 103.50 | 105.00 | 1.50 | X497340 | 0.02 | 203 | 0.31 | 54.8 | 13.9 |

## Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 105.00 | 106.00 | 1.00 | X497341 | 0.04 | 111 | 0.49 | 141.5 | 33.1 |
| | | | 106.00 | 107.25 | 1.25 | X497342 | 0.03 | 20.8 | 0.24 | 77.3 | 38.3 |
| | | | 107.25 | 108.50 | 1.25 | X497343 | 0.02 | 118.5 | 0.22 | 41.2 | 16.2 |
| | | | 108.50 | 110.00 | 1.50 | X497344 | 0.01 | 130 | 0.37 | 69.4 | 6.7 |
| | | | 110.00 | 111.50 | 1.50 | X497345 | 0.02 | 165.5 | 0.5 | 169.5 | 4.9 |
| | | | 111.50 | 113.00 | 1.50 | X497346 | 0.03 | 264 | 0.77 | 46.7 | 251 |
| | | | 113.00 | 114.50 | 1.50 | X497347 | 0.01 | 115.5 | 0.34 | 82.2 | 64.9 |
| | | | 114.50 | 116.00 | 1.50 | X497348 | 0.04 | 178.5 | 0.29 | 248 | 7.7 |
| | | | 116.00 | 117.50 | 1.50 | X497349 | 0.01 | 167 | 0.21 | 105.5 | 5.8 |
| | | | 117.50 | 119.00 | 1.50 | X497351 | 0.02 | 123.5 | 0.19 | 91.3 | 6.6 |
| | | | 119.00 | 120.50 | 1.50 | X497352 | 0.01 | 112.5 | 0.19 | 128.5 | 7.3 |
| | | | 120.50 | 122.00 | 1.50 | X497353 | 0.01 | 112.5 | 0.15 | 42.8 | 7.6 |
| | | | 122.00 | 123.50 | 1.50 | X497354 | 0.02 | 56.6 | 0.11 | 102 | 27.5 |
| | | | 123.50 | 125.00 | 1.50 | X497355 | 0.01 | 53.2 | 0.11 | 128.5 | 17.1 |
| | | | 125.00 | 126.50 | 1.50 | X497356 | 0.01 | 124.5 | 0.2 | 74.2 | 5.6 |
| | | | 126.50 | 128.00 | 1.50 | X497357 | 0.03 | 75.2 | 0.12 | 67.5 | 5.7 |
| | | | 128.00 | 129.50 | 1.50 | X497358 | 0.02 | 72.2 | 0.13 | 40.5 | 6.4 |
| | | | 129.50 | 131.00 | 1.50 | X497359 | 0.03 | 120 | 0.2 | 36 | 9.3 |
| | | | 131.00 | 132.50 | 1.50 | X497361 | 0.03 | 104 | 0.18 | 8.44 | 10.4 |
| | | | 132.50 | 134.00 | 1.50 | X497362 | 0.04 | 117 | 0.21 | 29.1 | 8.1 |
| | | | 134.00 | 135.50 | 1.50 | X497363 | 0.03 | 85.1 | 0.14 | 27.7 | 9.8 |
| | | | 135.50 | 136.50 | 1.00 | X497364 | 0.02 | 112.5 | 0.2 | 37.1 | 8.2 |
| | | | 136.50 | 137.50 | 1.00 | X497365 | 0.03 | 151 | 0.23 | 23.8 | 9.8 |
| | | | 137.50 | 138.65 | 1.15 | X497366 | 0.02 | 53.7 | 0.12 | 58.7 | 15.3 |
| | | | 138.65 | 140.00 | 1.35 | X497367 | 0.03 | 115.5 | 0.23 | 58.4 | 11.9 |
| | | | 140.00 | 141.50 | 1.50 | X497368 | 0.01 | 95.9 | 0.13 | 130.5 | 7.6 |
| | | | 141.50 | 143.00 | 1.50 | X497369 | 0.01 | 197 | 0.22 | 8.28 | 6.9 |
| | | | 143.00 | 144.50 | 1.50 | X497371 | 0.01 | 132.5 | 0.29 | 418 | 6.9 |
| | | | 144.50 | 146.00 | 1.50 | X497372 | 0.01 | 208 | 0.27 | 24.7 | 4.8 |

Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 146.00 | 147.50 | 1.50 | X497373 | 0.02 | 205 | 0.3 | 312 | 7 |
| | | | 147.50 | 149.00 | 1.50 | X497374 | 0.01 | 146 | 0.25 | 166 | 7.8 |
| | | | 149.00 | 150.50 | 1.50 | X497375 | 0.01 | 149.5 | 0.25 | 50 | 12.6 |
| | | | 150.50 | 151.50 | 1.00 | X497376 | 0.03 | 398 | 0.47 | 25.9 | 7.2 |
| | | | 151.50 | 152.50 | 1.00 | X497377 | 0.04 | 433 | 0.51 | 87.6 | 10.3 |
| | | | 152.50 | 154.00 | 1.50 | X497378 | 0.02 | 273 | 0.37 | 64.4 | 15.5 |
| | | | 154.00 | 154.62 | 0.62 | X497379 | 0.02 | 390 | 0.61 | 34.3 | 25.9 |
| | | | 154.62 | 156.00 | 1.38 | X497380 | 0.04 | 411 | 0.77 | 211 | 49.4 |
| | | | 156.00 | 157.50 | 1.50 | X497381 | 0.02 | 201 | 0.57 | 76.1 | 15.3 |
| | | | 157.50 | 159.00 | 1.50 | X497382 | 0.005 | 124.5 | 0.23 | 24.6 | 5.2 |
| | | | 159.00 | 160.50 | 1.50 | X497383 | 0.005 | 133 | 0.16 | 3.58 | 3.3 |
| | | | 160.50 | 162.00 | 1.50 | X497384 | 0.005 | 109.5 | 0.13 | 19.45 | 3.6 |
| | | | 162.00 | 163.50 | 1.50 | X497385 | 0.005 | 159.5 | 0.24 | 21.6 | 23.2 |
| | | | 163.50 | 165.00 | 1.50 | X497386 | 0.005 | 191 | 0.53 | 20.9 | 165 |
| | | | 165.00 | 166.50 | 1.50 | X497387 | 0.005 | 159.5 | 0.24 | 11.55 | 11.8 |
| | | | 166.50 | 168.00 | 1.50 | X497388 | 0.005 | 117.5 | 0.2 | 4.42 | 4.4 |
| | | | 168.00 | 169.50 | 1.50 | X497389 | 0.005 | 121 | 0.16 | 1.43 | 4 |
| | | | 169.50 | 170.00 | 0.50 | X497391 | 0.005 | 55.8 | 0.13 | 2.79 | 10.5 |
| | | | 170.00 | 171.50 | 1.50 | X497392 | 0.005 | 100.5 | 0.23 | 15.1 | 6.5 |
| | | | 171.50 | 173.00 | 1.50 | X497393 | 0.005 | 103.5 | 0.28 | 24.9 | 11.9 |
| | | | 173.00 | 174.50 | 1.50 | X497394 | 0.005 | 105.5 | 0.23 | 14 | 6.1 |
| | | | 174.50 | 175.50 | 1.00 | X497395 | 0.005 | 118.5 | 0.22 | 3.95 | 5.9 |
| | | | 175.50 | 176.00 | 0.50 | X497396 | 0.02 | 217 | 0.37 | 6.7 | 7 |
| | | | 176.00 | 177.50 | 1.50 | X497397 | 0.005 | 96.1 | 0.17 | 8.94 | 7.3 |
| | | | 177.50 | 179.00 | 1.50 | X497398 | 0.005 | 116.5 | 0.17 | 1.93 | 7.4 |
| | | | 179.00 | 180.50 | 1.50 | X497399 | 0.005 | 105.5 | 0.23 | 2.38 | 9 |
| | | | 180.50 | 182.00 | 1.50 | X497401 | 0.01 | 236 | 0.65 | 30.9 | 18 |
| | | | 182.00 | 183.00 | 1.00 | X497402 | 0.01 | 376 | 0.58 | 45.8 | 13 |
| | | | 183.00 | 184.10 | 1.10 | X497403 | 0.01 | 168.5 | 0.34 | 17.2 | 9.7 |

Hole: S18-034

| From (m) | To (m) | Rock Type & Description | From (m) | To (m) | Length | Sample # | Au Best ppm | Cu Best ppm | Ag Best ppm | Mo Best ppm | Pb Best ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 184.10 | 185.50 | 1.40 | X497404 | 0.02 | 69.6 | 0.24 | 3.34 | 4.9 |
| | | | 185.50 | 187.00 | 1.50 | X497405 | 0.01 | 73.8 | 0.2 | 12.85 | 5.8 |
| | | | 187.00 | 188.50 | 1.50 | X497406 | 0.02 | 103 | 0.38 | 3.3 | 12.4 |
| | | | 188.50 | 190.00 | 1.50 | X497407 | 0.005 | 140 | 0.21 | 2.13 | 7 |
| | | | 190.00 | 191.50 | 1.50 | X497408 | 0.005 | 155 | 0.24 | 2.31 | 7.8 |
| | | | 191.50 | 193.00 | 1.50 | X497409 | 0.005 | 154.5 | 0.2 | 20.9 | 6.5 |
| | | | 193.00 | 194.50 | 1.50 | X497411 | 0.01 | 118 | 0.14 | 14.6 | 5.5 |
| | | | 194.50 | 196.00 | 1.50 | X497412 | 0.02 | 196.5 | 0.24 | 3.76 | 5.4 |
| | | | 196.00 | 197.50 | 1.50 | X497413 | 0.08 | 98.9 | 0.15 | 4.57 | 4.7 |
| | | | 197.50 | 199.00 | 1.50 | X497414 | 0.01 | 108.5 | 0.25 | 25.9 | 6.7 |
| | | | 199.00 | 200.50 | 1.50 | X497415 | 0.01 | 154.5 | 0.36 | 8.89 | 8.7 |
| | | | 200.50 | 202.00 | 1.50 | X497416 | 0.01 | 125 | 0.31 | 5.39 | 7.6 |
| | | | 202.00 | 203.40 | 1.40 | X497417 | 0.01 | 105.5 | 0.3 | 11.4 | 6.8 |
| | | | 203.40 | 204.20 | 0.80 | X497418 | 0.01 | 78.7 | 0.28 | 5.7 | 10.2 |
| | | | 204.20 | 205.00 | 0.80 | X497419 | 0.01 | 57.3 | 0.18 | 6.67 | 6.3 |

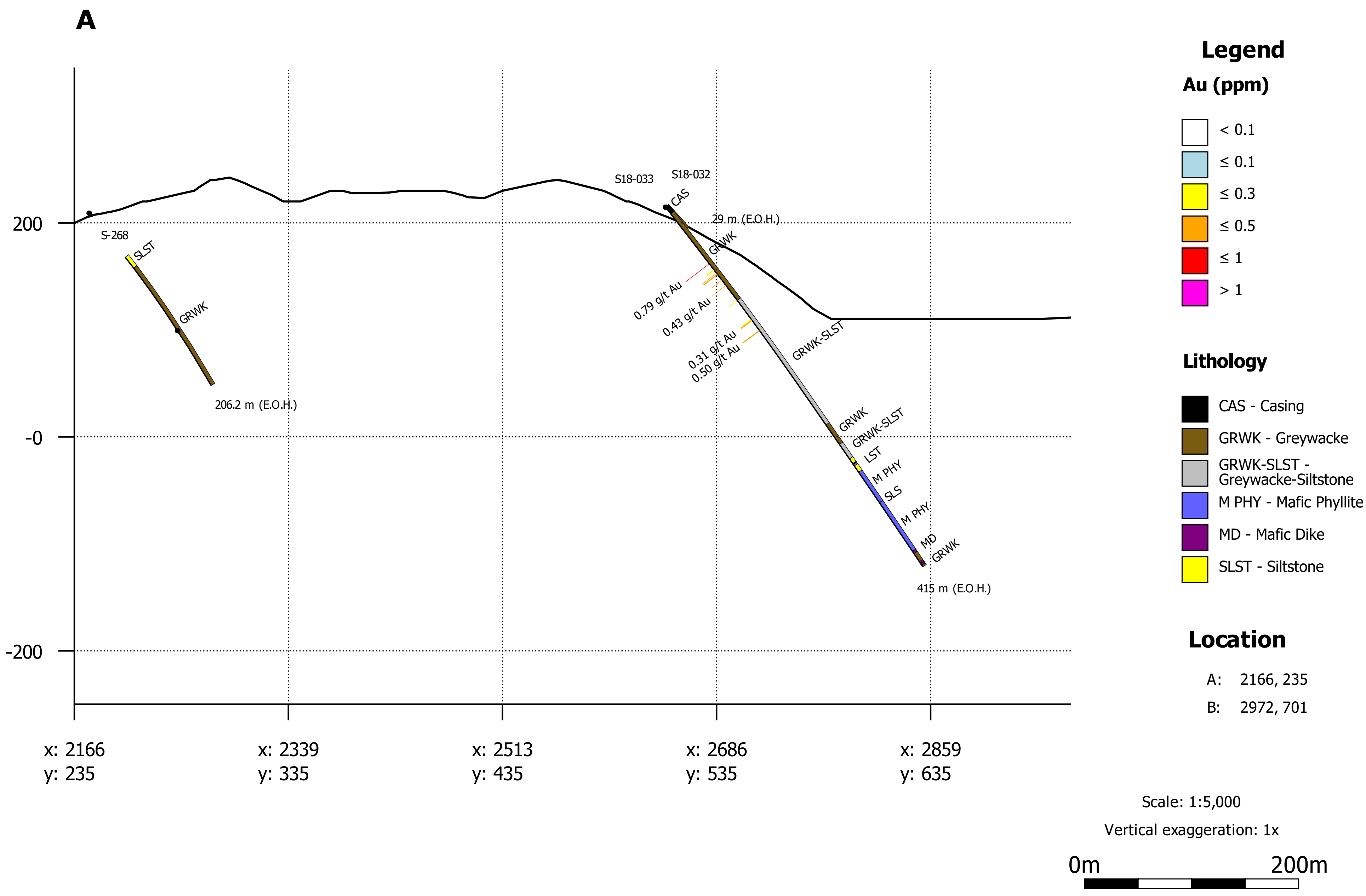
**End of Hole @ 205**

SKEENA

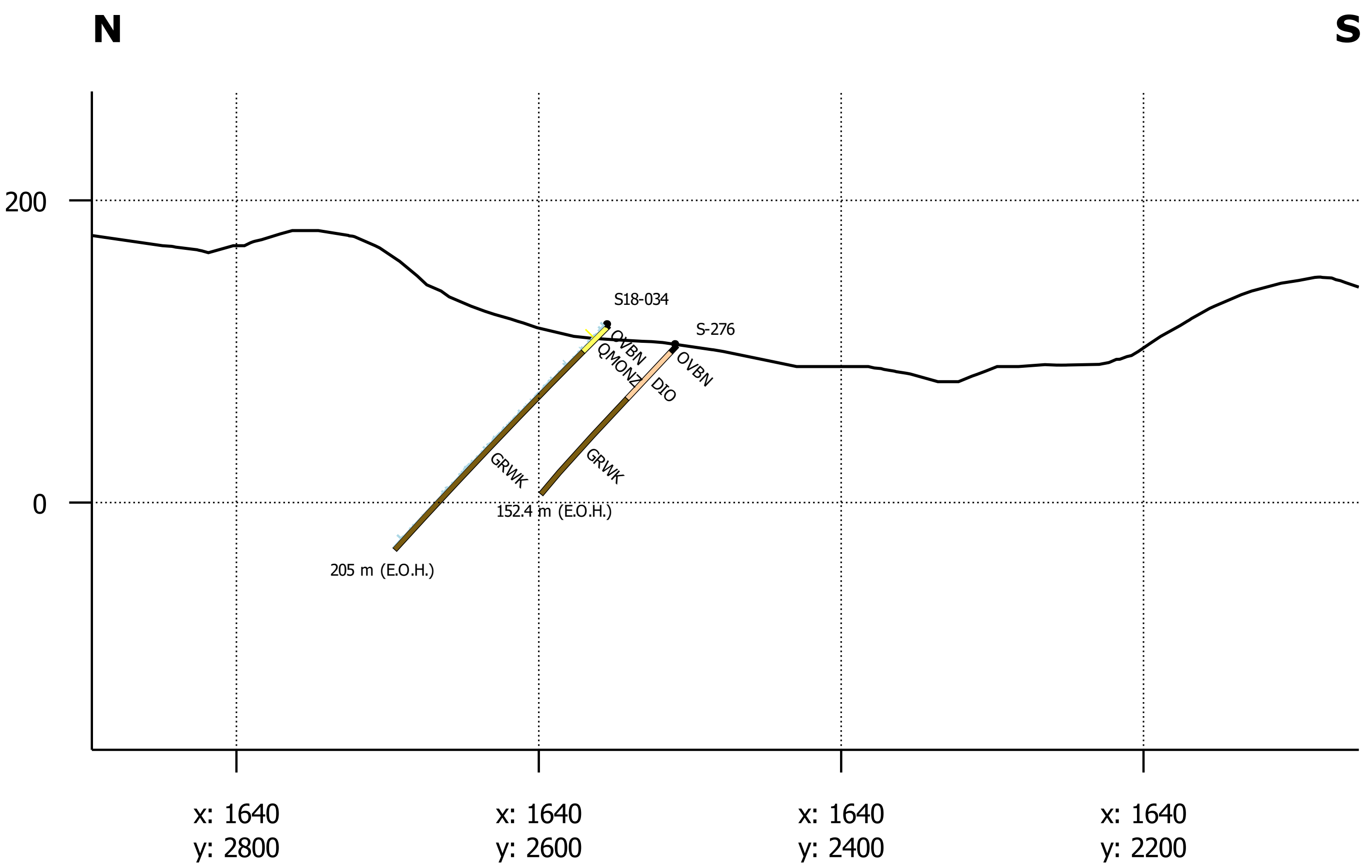
APPENDIX III:

Drilling Cross Sections

# Section 2650E Looking North West (+/- 25 m)



# Section 2650N Looking West (+/- 25 m)




## Legend

**Au (ppm)**

- < 0.1
- ≤ 0.1
- ≤ 0.3
- ≤ 0.5
- ≤ 1
- > 1

**Lithology**

- DIO - Diorite
- GRWK - Greywacke
- OVBN - Overburden
- QMONZ - Quartz Monzonite

## Location

A: 1640, 2896

B: 1640, 2058

Scale: 1:5,000

Vertical exaggeration: 1x

0m 200m

SKEENA

APPENDIX IV:

Assay Certificates

ALS Canada Ltd.
2103 Dollarton Hwy
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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 11- DEC- 2018
Account: SKERES

# CERTIFICATE KL18294778

Project: Snip

P.O. No.: S- C18- 120

This report is for 11 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 20- NOV- 2018.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI- 21 | Received Sample Weight |
| CRU- QC | Crushing QC Test |
| PUL- QC | Pulverizing QC Test |
| 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 |
| BAG- 01 | Bulk Master for Storage |
| LOG- 23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au- AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME- MS61 | 48 element four acid ICP- MS | |

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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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 11- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18294778

| Sample Description | WEI- 21 Recvd Wt. kg 0.02 | Au- AA26 Au ppm 0.01 | ME- MS61 Ag ppm 0.01 | ME- MS61 Al % 0.01 | ME- MS61 As ppm 0.2 | ME- MS61 Ba ppm 10 | ME- MS61 Be ppm 0.05 | ME- MS61 Bi ppm 0.01 | ME- MS61 Ca % 0.01 | ME- MS61 Cd ppm 0.02 | ME- MS61 Ce ppm 0.01 | ME- MS61 Co ppm 0.1 | ME- MS61 Cr ppm 1 | ME- MS61 Cs ppm 0.05 | ME- MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507801 | 3.43 | 0.05 | 2.16 | 7.80 | 14.1 | 1000 | 1.41 | 1.97 | 1.29 | 0.25 | 15.70 | 8.8 | 34 | 3.59 | 386 |
| X507802 | 2.46 | 0.03 | 4.82 | 8.04 | 24.4 | 870 | 1.35 | 0.54 | 0.63 | 0.10 | 22.9 | 11.2 | 50 | 4.40 | 452 |
| X507803 | 2.36 | 0.04 | 4.29 | 7.07 | 38.9 | 1210 | 0.94 | 0.52 | 0.82 | 0.10 | 26.0 | 13.8 | 55 | 2.96 | 466 |
| X507804 | 2.75 | 0.06 | 3.98 | 7.37 | 30.5 | 1460 | 0.96 | 0.58 | 0.69 | 0.11 | 22.3 | 15.4 | 59 | 3.61 | 604 |
| X507805 | 2.89 | 0.06 | 4.14 | 6.86 | 63.3 | 1190 | 0.92 | 0.50 | 1.65 | 0.33 | 19.70 | 13.3 | 49 | 1.96 | 851 |
| X507806 | 3.37 | 0.03 | 2.43 | 6.28 | 143.5 | 760 | 0.95 | 0.47 | 1.99 | 0.51 | 17.50 | 10.0 | 50 | 1.76 | 398 |
| X507807 | 3.09 | 0.06 | 4.89 | 7.26 | 175.5 | 930 | 1.07 | 2.15 | 1.11 | 0.54 | 21.1 | 16.0 | 49 | 3.08 | 503 |
| X507808 | 3.47 | 0.07 | 9.37 | 8.11 | 70.0 | 1710 | 0.88 | 0.71 | 1.41 | 0.80 | 21.5 | 10.8 | 37 | 2.11 | 522 |
| X507809 | 1.40 | 0.17 | 5.63 | 8.48 | 34.0 | 2410 | 0.79 | 0.54 | 1.23 | 6.53 | 28.9 | 9.5 | 40 | 2.33 | 259 |
| X507810 | 0.12 | 1.05 | 0.16 | 7.88 | 30.1 | 390 | 0.81 | 0.18 | 5.27 | 0.20 | 26.8 | 30.0 | 294 | 1.07 | 113.0 |
| X507811 | 2.54 | 0.13 | 7.98 | 7.70 | 38.7 | 1210 | 1.06 | 1.75 | 0.33 | 0.97 | 25.6 | 15.3 | 66 | 3.42 | 605 |

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

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 11- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18294778

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Fe<br>%<br>0.01 | ME- MS61<br>Ga<br>ppm<br>0.05 | ME- MS61<br>Ge<br>ppm<br>0.05 | ME- MS61<br>Hf<br>ppm<br>0.1 | ME- MS61<br>In<br>ppm<br>0.005 | ME- MS61<br>K<br>%<br>0.01 | ME- MS61<br>La<br>ppm<br>0.5 | ME- MS61<br>Li<br>ppm<br>0.2 | ME- MS61<br>Mg<br>%<br>0.01 | ME- MS61<br>Mn<br>ppm<br>5 | ME- MS61<br>Mo<br>ppm<br>0.05 | ME- MS61<br>Na<br>%<br>0.01 | ME- MS61<br>Nb<br>ppm<br>0.1 | ME- MS61<br>Ni<br>ppm<br>0.2 | ME- MS61<br>P<br>ppm<br>10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507801 | | 2.42 | 18.15 | 0.14 | 0.4 | 0.022 | 5.33 | 7.9 | 24.5 | 1.12 | 768 | 22.3 | 1.14 | 6.5 | 25.8 | 1110 |
| X507802 | | 2.99 | 19.15 | 0.17 | 0.4 | 0.021 | 4.89 | 11.1 | 20.7 | 0.93 | 503 | 43.5 | 1.87 | 4.6 | 38.6 | 1370 |
| X507803 | | 2.94 | 15.75 | 0.18 | 0.5 | 0.028 | 4.35 | 12.2 | 12.6 | 0.75 | 582 | 25.4 | 1.56 | 3.9 | 45.2 | 1750 |
| X507804 | | 3.78 | 16.85 | 0.15 | 0.3 | 0.032 | 4.98 | 11.6 | 12.5 | 0.95 | 623 | 53.3 | 1.14 | 4.6 | 47.1 | 1230 |
| X507805 | | 3.13 | 14.10 | 0.17 | 0.4 | 0.042 | 4.66 | 9.9 | 12.7 | 0.97 | 893 | 106.0 | 1.44 | 4.2 | 42.1 | 1220 |
| X507806 | | 2.49 | 13.80 | 0.14 | 0.4 | 0.027 | 3.78 | 9.3 | 17.0 | 1.09 | 1020 | 63.8 | 0.86 | 3.9 | 30.0 | 1040 |
| X507807 | | 4.24 | 16.00 | 0.16 | 1.2 | 0.040 | 4.06 | 11.5 | 16.1 | 0.93 | 557 | 119.0 | 1.49 | 4.2 | 43.3 | 1390 |
| X507808 | | 2.76 | 16.30 | 0.16 | 0.4 | 0.038 | 5.15 | 10.1 | 17.1 | 0.83 | 795 | 66.5 | 0.86 | 5.1 | 32.8 | 1310 |
| X507809 | | 3.18 | 14.90 | 0.15 | 0.5 | 0.049 | 5.11 | 13.0 | 15.8 | 0.80 | 1430 | 49.0 | 0.40 | 5.4 | 30.7 | 1340 |
| X507810 | | 5.18 | 15.45 | 0.13 | 1.2 | 0.054 | 0.97 | 12.1 | 12.2 | 4.17 | 1090 | 4.30 | 1.92 | 6.7 | 221 | 380 |
| X507811 | | 4.01 | 15.75 | 0.15 | 0.4 | 0.034 | 4.40 | 11.7 | 15.3 | 0.64 | 447 | 46.5 | 1.75 | 3.6 | 30.5 | 1460 |

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

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 11- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18294778

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Pb<br>ppm<br>0.5 | ME- MS61<br>Rb<br>ppm<br>0.1 | ME- MS61<br>Re<br>ppm<br>0.002 | ME- MS61<br>S<br>%<br>0.01 | ME- MS61<br>Sb<br>ppm<br>0.05 | ME- MS61<br>Sc<br>ppm<br>0.1 | ME- MS61<br>Se<br>ppm<br>1 | ME- MS61<br>Sn<br>ppm<br>0.2 | ME- MS61<br>Sr<br>ppm<br>0.2 | ME- MS61<br>Ta<br>ppm<br>0.05 | ME- MS61<br>Te<br>ppm<br>0.05 | ME- MS61<br>Th<br>ppm<br>0.01 | ME- MS61<br>Ti<br>%<br>0.005 | ME- MS61<br>Tl<br>ppm<br>0.02 | ME- MS61<br>U<br>ppm<br>0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507801 | | 12.1 | 115.0 | 0.091 | 1.03 | 6.57 | 11.3 | 7 | 1.0 | 224 | 0.39 | 0.09 | 2.44 | 0.225 | 1.52 | 0.6 |
| X507802 | | 11.9 | 156.5 | 0.122 | 1.90 | 10.70 | 15.2 | 12 | 1.2 | 205 | 0.28 | 0.08 | 2.76 | 0.216 | 1.50 | 0.7 |
| X507803 | | 23.1 | 116.5 | 0.073 | 1.95 | 11.85 | 12.8 | 13 | 1.1 | 249 | 0.23 | 0.25 | 2.20 | 0.182 | 1.32 | 0.7 |
| X507804 | | 16.5 | 126.0 | 0.192 | 2.69 | 6.75 | 12.9 | 14 | 1.1 | 273 | 0.26 | 0.24 | 2.22 | 0.206 | 1.62 | 0.6 |
| X507805 | | 19.9 | 115.5 | 0.289 | 2.31 | 10.15 | 11.7 | 12 | 0.9 | 398 | 0.23 | 0.10 | 2.33 | 0.183 | 1.23 | 0.7 |
| X507806 | | 30.1 | 114.0 | 0.251 | 1.38 | 20.2 | 11.5 | 10 | 0.9 | 348 | 0.23 | 0.08 | 2.36 | 0.187 | 1.06 | 0.5 |
| X507807 | | 86.7 | 140.5 | 0.516 | 3.31 | 27.8 | 14.2 | 15 | 1.1 | 318 | 0.24 | 0.15 | 2.73 | 0.190 | 1.35 | 0.8 |
| X507808 | | 24.7 | 125.5 | 0.250 | 1.97 | 32.4 | 13.1 | 9 | 1.6 | 365 | 0.30 | 0.06 | 2.23 | 0.240 | 1.46 | 0.6 |
| X507809 | | 219 | 102.5 | 0.061 | 1.69 | 17.25 | 13.6 | 7 | 1.6 | 312 | 0.31 | 0.06 | 2.52 | 0.249 | 1.91 | 0.8 |
| X507810 | | 13.0 | 24.9 | <0.002 | 0.05 | 1.53 | 18.2 | <1 | 1.5 | 350 | 0.41 | 0.05 | 3.79 | 0.228 | 0.23 | 1.5 |
| X507811 | | 157.0 | 139.0 | 0.111 | 2.41 | 14.70 | 14.9 | 18 | 1.0 | 190.5 | 0.19 | 0.17 | 2.20 | 0.192 | 1.38 | 0.8 |

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

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 11- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18294778

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 |
|---|---|---|---|---|---|---|
| X507801 | | 109 | 1.9 | 9.9 | 52 | 13.8 |
| X507802 | | 155 | 1.8 | 11.5 | 40 | 13.8 |
| X507803 | | 132 | 1.9 | 11.5 | 44 | 13.2 |
| X507804 | | 150 | 1.7 | 9.5 | 51 | 11.1 |
| X507805 | | 131 | 1.9 | 9.6 | 66 | 13.2 |
| X507806 | | 117 | 2.2 | 9.3 | 79 | 11.4 |
| X507807 | | 152 | 1.9 | 10.3 | 116 | 24.1 |
| X507808 | | 147 | 2.8 | 8.4 | 117 | 11.4 |
| X507809 | | 146 | 3.2 | 8.1 | 806 | 14.5 |
| X507810 | | 125 | 0.8 | 17.5 | 115 | 25.6 |
| X507811 | | 215 | 2.8 | 12.1 | 231 | 15.2 |

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

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Finalized Date: 11- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18294778

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

| Applies to Method: | | | |
|---|---|---|---|
| BAG- 01 | CRU- 31 | CRU- QC | LOG- 21 |
| LOG- 23 | PUL- 32 | PUL- QC | SPL- 21 |
| WEI- 21 | | | |

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

| Applies to Method: | |
|---|---|
| Au- AA26 | ME- MS61 |

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

# CERTIFICATE KL18298166

Project: Snip

P.O. No.: S- C18- 122

This report is for 99 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 23- NOV- 2018.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI- 21 | Received Sample Weight |
| LOG- 21 | Sample logging - ClientBarCode |
| CRU- QC | Crushing QC Test |
| PUL- QC | Pulverizing QC Test |
| CRU- 31 | Fine crushing - 70% <2mm |
| SPL- 21 | Split sample - riffle splitter |
| PUL- 32 | Pulverize 1000g to 85% < 75 um |
| BAG- 01 | Bulk Master for Storage |
| LOG- 23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au- AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME- MS61 | 48 element four acid ICP- MS | |
| Ag- OG62 | Ore Grade Ag - Four Acid | |
| ME- OG62 | Ore Grade Elements - Four Acid | ICP- AES |
| Zn- OG62 | Ore Grade Zn - Four Acid | |

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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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description / Method / Analyte / Units / LOD | WEI-21 Recvd Wt. kg 0.02 | Au-AA26 Au ppm 0.01 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507812 | 3.68 | 0.06 | 6.08 | 7.11 | 27.4 | 860 | 0.97 | 0.74 | 1.26 | 0.20 | 25.8 | 15.7 | 47 | 2.93 | 904 |
| X507813 | 3.08 | 0.05 | 3.27 | 8.02 | 25.3 | 1390 | 1.03 | 0.30 | 0.77 | 0.11 | 25.2 | 10.4 | 60 | 3.06 | 432 |
| X507814 | 3.32 | 0.04 | 3.63 | 8.28 | 24.8 | 1280 | 1.18 | 0.30 | 0.61 | 0.14 | 22.1 | 11.9 | 56 | 3.33 | 557 |
| X507815 | 4.65 | 0.06 | 3.61 | 7.78 | 50.5 | 890 | 1.19 | 0.47 | 0.74 | 0.32 | 23.3 | 15.0 | 58 | 2.79 | 451 |
| X507816 | 3.20 | 0.03 | 1.98 | 7.43 | 32.9 | 530 | 1.16 | 0.29 | 1.34 | 0.41 | 23.2 | 12.2 | 74 | 3.47 | 378 |
| X507817 | 2.45 | 0.04 | 2.18 | 8.06 | 29.9 | 950 | 1.20 | 0.58 | 1.01 | 0.25 | 20.7 | 8.6 | 60 | 3.03 | 270 |
| X507818 | 3.89 | 0.07 | 2.98 | 7.02 | 57.4 | 760 | 1.08 | 0.84 | 2.21 | 0.22 | 20.3 | 12.1 | 40 | 2.95 | 460 |
| X507819 | 1.54 | 0.03 | 2.25 | 7.93 | 66.2 | 820 | 1.06 | 0.68 | 1.58 | 0.61 | 24.6 | 6.2 | 39 | 2.38 | 312 |
| X507820 | 1.19 | <0.01 | 0.02 | 0.10 | 0.9 | 30 | 0.06 | 0.02 | 34.4 | <0.02 | 1.09 | 0.6 | 1 | <0.05 | 3.0 |
| X507821 | 2.69 | 0.12 | 8.94 | 7.14 | 95.1 | 400 | 0.85 | 1.56 | 0.53 | 1.92 | 25.2 | 20.1 | 46 | 2.98 | 581 |
| X507822 | 1.67 | 0.06 | 2.92 | 7.96 | 27.6 | 540 | 0.98 | 0.21 | 2.86 | 0.96 | 19.15 | 25.9 | 44 | 4.29 | 849 |
| X507823 | 1.55 | 0.04 | 1.83 | 9.07 | 24.1 | 820 | 1.44 | 0.32 | 2.65 | 0.39 | 21.3 | 18.4 | 56 | 5.24 | 518 |
| X507824 | 3.44 | 0.07 | 2.36 | 7.85 | 20.1 | 750 | 1.15 | 0.23 | 2.95 | 0.26 | 21.5 | 23.9 | 48 | 6.36 | 601 |
| X507825 | 4.15 | 0.08 | 3.60 | 8.10 | 22.8 | 620 | 1.01 | 0.42 | 2.80 | 0.13 | 22.1 | 35.8 | 41 | 8.64 | 767 |
| X507826 | 2.60 | 0.08 | 2.45 | 8.57 | 23.2 | 580 | 1.18 | 0.48 | 1.76 | 0.08 | 13.40 | 41.9 | 49 | 9.45 | 873 |
| X507827 | 3.18 | 0.07 | 1.55 | 8.78 | 19.2 | 860 | 1.31 | 0.26 | 2.47 | 0.06 | 22.8 | 27.6 | 60 | 10.15 | 498 |
| X507828 | 5.32 | 0.12 | 1.86 | 8.71 | 21.7 | 620 | 1.19 | 0.66 | 2.11 | 0.13 | 20.3 | 26.8 | 58 | 9.88 | 529 |
| X507829 | 4.00 | 0.09 | 2.18 | 8.47 | 21.3 | 770 | 1.25 | 0.42 | 2.92 | 0.12 | 24.5 | 28.3 | 53 | 9.09 | 621 |
| X507830 | 0.13 | 4.61 | >100 | 1.47 | 47.6 | 210 | 2.81 | 0.79 | 10.10 | 10.35 | 12.05 | 2.4 | 13 | 2.13 | 100.0 |
| X507831 | 1.55 | 0.05 | 1.90 | 8.17 | 20.4 | 560 | 0.89 | 0.30 | 2.84 | 0.08 | 22.0 | 38.2 | 46 | 7.80 | 720 |
| X507832 | 2.05 | 0.05 | 1.78 | 8.52 | 23.1 | 530 | 1.17 | 0.50 | 3.87 | 0.10 | 18.70 | 33.7 | 51 | 4.64 | 624 |
| X507833 | 2.75 | 0.07 | 2.65 | 10.10 | 25.7 | 570 | 1.72 | 0.57 | 0.75 | 0.13 | 22.8 | 44.5 | 66 | 3.10 | 958 |
| X507834 | 3.22 | 0.06 | 2.49 | 10.55 | 21.0 | 670 | 1.76 | 0.44 | 0.59 | 0.11 | 36.1 | 36.4 | 83 | 3.84 | 1035 |
| X507835 | 2.41 | 0.06 | 2.43 | 8.54 | 21.0 | 500 | 1.21 | 0.77 | 1.54 | 0.09 | 20.8 | 33.4 | 51 | 8.75 | 811 |
| X507836 | 2.49 | 0.06 | 2.49 | 7.59 | 19.6 | 860 | 0.79 | 0.42 | 1.74 | 0.06 | 26.6 | 22.1 | 56 | 2.91 | 837 |
| X507837 | 2.76 | 0.06 | 2.78 | 8.12 | 17.8 | 860 | 0.77 | 0.30 | 1.46 | 0.39 | 23.0 | 21.7 | 82 | 2.45 | 778 |
| X507838 | 2.48 | 0.05 | 1.25 | 6.80 | 15.9 | 740 | 0.79 | 0.67 | 2.14 | 0.04 | 15.15 | 22.3 | 62 | 2.16 | 432 |
| X507839 | 3.30 | 0.03 | 1.69 | 8.15 | 15.6 | 660 | 1.10 | 0.81 | 1.37 | 0.06 | 14.05 | 33.6 | 108 | 7.24 | 630 |
| X507840 | 4.18 | 0.04 | 1.46 | 8.27 | 19.6 | 850 | 1.03 | 0.53 | 1.66 | 0.07 | 17.95 | 34.7 | 89 | 6.49 | 615 |
| X507841 | 4.55 | 0.04 | 0.79 | 7.52 | 19.1 | 1480 | 1.20 | 0.41 | 2.96 | 0.06 | 20.3 | 21.1 | 56 | 3.86 | 313 |
| X507842 | 3.12 | 0.03 | 0.84 | 8.16 | 22.1 | 990 | 1.40 | 0.32 | 2.98 | 0.04 | 16.00 | 28.7 | 78 | 6.49 | 445 |
| X507843 | 2.81 | 0.02 | 0.88 | 8.83 | 15.0 | 920 | 1.12 | 0.28 | 1.59 | 0.04 | 17.40 | 18.5 | 52 | 6.10 | 329 |
| X507844 | 2.45 | 0.08 | 2.73 | 7.13 | 17.4 | 840 | 0.93 | 0.45 | 2.47 | 0.14 | 15.00 | 13.2 | 58 | 2.79 | 317 |
| X507845 | 4.20 | 0.05 | 2.56 | 6.63 | 23.3 | 850 | 1.05 | 0.31 | 3.15 | 1.18 | 16.75 | 14.0 | 62 | 2.38 | 260 |
| X507846 | 4.17 | 0.03 | 2.03 | 8.03 | 22.9 | 850 | 1.33 | 0.44 | 2.30 | 0.12 | 15.05 | 23.0 | 68 | 5.64 | 404 |
| X507847 | 3.82 | 0.05 | 4.50 | 7.80 | 28.2 | 830 | 1.08 | 0.85 | 2.08 | 0.08 | 14.60 | 32.7 | 53 | 4.53 | 466 |
| X507848 | 4.07 | 0.05 | 2.20 | 7.97 | 22.2 | 870 | 1.26 | 0.35 | 2.20 | 0.10 | 19.30 | 21.7 | 53 | 3.68 | 270 |
| X507849 | 3.79 | 0.06 | 1.86 | 8.15 | 25.1 | 820 | 1.45 | 0.26 | 1.73 | 0.14 | 20.3 | 20.9 | 60 | 3.11 | 290 |
| X507850 | 0.12 | 1.12 | 0.21 | 7.70 | 32.4 | 390 | 0.73 | 0.19 | 5.33 | 0.27 | 29.2 | 32.6 | 315 | 1.25 | 115.0 |
| X507851 | 4.23 | 0.09 | 4.74 | 7.78 | 32.5 | 580 | 1.39 | 0.70 | 1.83 | 0.17 | 32.5 | 31.5 | 60 | 2.78 | 467 |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOD | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| X507812 | | 3.43 | 16.80 | 0.19 | 0.5 | 0.051 | 4.76 | 12.0 | 14.8 | 0.95 | 762 | 131.0 | 1.35 | 4.5 | 45.6 | 1230 |
| X507813 | | 3.08 | 16.90 | 0.14 | 0.4 | 0.070 | 4.51 | 11.6 | 10.3 | 0.81 | 616 | 21.3 | 2.44 | 5.9 | 35.4 | 1390 |
| X507814 | | 2.87 | 19.30 | 0.17 | 0.7 | 0.041 | 4.67 | 10.6 | 12.9 | 0.72 | 578 | 14.60 | 2.49 | 5.1 | 35.4 | 1510 |
| X507815 | | 3.26 | 17.80 | 0.16 | 0.5 | 0.028 | 4.71 | 11.4 | 19.8 | 0.75 | 502 | 81.5 | 0.92 | 4.0 | 49.0 | 1390 |
| X507816 | | 2.62 | 15.80 | 0.14 | 0.5 | 0.017 | 3.67 | 11.6 | 16.7 | 1.14 | 978 | 14.85 | 1.70 | 3.9 | 42.2 | 1270 |
| X507817 | | 3.63 | 16.65 | 0.15 | 0.6 | 0.021 | 4.67 | 11.0 | 20.8 | 0.98 | 599 | 41.5 | 1.38 | 5.0 | 23.1 | 1170 |
| X507818 | | 3.18 | 15.60 | 0.17 | 0.5 | 0.030 | 4.03 | 10.2 | 19.7 | 1.49 | 984 | 83.5 | 1.18 | 4.6 | 34.9 | 1110 |
| X507819 | | 2.24 | 17.10 | 0.14 | 0.4 | 0.018 | 4.17 | 11.2 | 16.3 | 1.00 | 1240 | 44.8 | 1.88 | 3.8 | 28.5 | 1080 |
| X507820 | | 0.12 | 0.29 | 0.18 | <0.1 | <0.005 | 0.03 | 1.1 | 1.0 | 1.54 | 110 | 0.29 | 0.04 | 0.1 | 0.6 | 70 |
| X507821 | | 5.05 | 14.90 | 0.18 | 0.3 | 0.047 | 5.09 | 10.7 | 15.9 | 0.67 | 640 | 211 | 0.45 | 3.4 | 33.8 | 1190 |
| X507822 | | 4.55 | 15.70 | 0.20 | 0.2 | 0.036 | 4.72 | 9.1 | 28.8 | 1.96 | 1290 | 66.0 | 1.08 | 3.4 | 32.6 | 1600 |
| X507823 | | 4.05 | 19.70 | 0.15 | 0.2 | 0.047 | 5.11 | 9.5 | 40.2 | 2.09 | 1120 | 127.0 | 0.66 | 3.1 | 26.7 | 1560 |
| X507824 | | 3.97 | 17.85 | 0.15 | 0.2 | 0.053 | 4.43 | 9.4 | 32.6 | 2.46 | 1300 | 119.0 | 1.50 | 3.9 | 33.7 | 1350 |
| X507825 | | 5.12 | 17.20 | 0.16 | 0.2 | 0.058 | 4.27 | 10.3 | 27.8 | 2.84 | 1350 | 118.0 | 1.51 | 3.0 | 33.5 | 1380 |
| X507826 | | 6.13 | 16.60 | 0.17 | 0.1 | 0.025 | 4.20 | 6.2 | 28.9 | 2.88 | 690 | 23.7 | 2.06 | 2.3 | 38.8 | 1470 |
| X507827 | | 4.64 | 17.55 | 0.15 | 0.2 | 0.061 | 4.72 | 10.6 | 33.3 | 3.05 | 1010 | 239 | 1.42 | 2.6 | 35.2 | 1520 |
| X507828 | | 5.50 | 16.95 | 0.18 | 0.1 | 0.041 | 4.89 | 9.4 | 31.2 | 2.91 | 987 | 303 | 1.03 | 2.1 | 38.7 | 1510 |
| X507829 | | 4.81 | 17.45 | 0.16 | 0.2 | 0.069 | 4.65 | 11.2 | 30.7 | 2.81 | 1260 | 284 | 1.03 | 2.5 | 30.3 | 1450 |
| X507830 | | 2.16 | 3.34 | 0.08 | 0.5 | 0.708 | 1.17 | 6.4 | 42.4 | 0.10 | 1980 | 6.85 | 0.04 | 2.2 | 10.3 | 110 |
| X507831 | | 5.41 | 15.20 | 0.17 | 0.2 | 0.113 | 4.03 | 9.9 | 20.9 | 2.51 | 1020 | 304 | 1.85 | 2.4 | 28.3 | 1400 |
| X507832 | | 4.73 | 16.70 | 0.16 | 0.2 | 0.098 | 4.30 | 8.1 | 30.3 | 2.35 | 1520 | 34.0 | 0.52 | 3.2 | 27.0 | 1730 |
| X507833 | | 4.81 | 22.3 | 0.18 | 0.2 | 0.135 | 6.30 | 9.6 | 41.3 | 1.06 | 359 | 54.7 | 0.08 | 3.4 | 40.4 | 1840 |
| X507834 | | 3.37 | 24.9 | 0.15 | 0.1 | 0.088 | 6.78 | 17.5 | 43.5 | 1.11 | 289 | 1010 | 0.08 | 3.5 | 34.7 | 2030 |
| X507835 | | 4.75 | 15.25 | 0.15 | 0.3 | 0.087 | 4.09 | 8.6 | 22.1 | 2.19 | 951 | 88.7 | 2.16 | 3.0 | 37.5 | 1550 |
| X507836 | | 2.86 | 14.05 | 0.18 | 0.2 | 0.074 | 4.74 | 11.9 | 13.3 | 1.10 | 818 | 72.5 | 2.13 | 3.6 | 34.2 | 1360 |
| X507837 | | 2.96 | 14.95 | 0.17 | 0.1 | 0.041 | 6.23 | 10.9 | 21.4 | 1.00 | 636 | 183.5 | 1.21 | 2.7 | 34.7 | 1420 |
| X507838 | | 3.78 | 13.30 | 0.18 | 0.3 | 0.040 | 3.25 | 7.0 | 21.5 | 1.25 | 719 | 226 | 1.05 | 3.4 | 35.3 | 1220 |
| X507839 | | 4.61 | 17.25 | 0.15 | 0.3 | 0.044 | 4.01 | 6.8 | 28.5 | 2.34 | 552 | 66.7 | 2.36 | 2.7 | 42.2 | 1410 |
| X507840 | | 4.70 | 16.35 | 0.18 | 0.2 | 0.053 | 3.44 | 8.0 | 22.5 | 2.16 | 636 | 57.3 | 2.94 | 3.7 | 45.6 | 1500 |
| X507841 | | 3.59 | 15.70 | 0.14 | 0.5 | 0.074 | 4.05 | 8.3 | 19.3 | 1.80 | 803 | 28.2 | 2.01 | 6.5 | 38.2 | 1330 |
| X507842 | | 4.30 | 18.35 | 0.16 | 0.3 | 0.074 | 4.50 | 6.9 | 34.4 | 2.53 | 853 | 28.9 | 1.71 | 3.0 | 41.8 | 1570 |
| X507843 | | 2.88 | 16.60 | 0.15 | 0.3 | 0.023 | 4.16 | 7.8 | 29.1 | 1.94 | 606 | 49.6 | 2.61 | 3.5 | 35.1 | 1680 |
| X507844 | | 2.97 | 15.50 | 0.14 | 0.2 | 0.029 | 4.44 | 7.3 | 29.5 | 1.65 | 881 | 316 | 0.44 | 2.8 | 24.6 | 1220 |
| X507845 | | 3.01 | 14.95 | 0.14 | 0.5 | 0.030 | 3.90 | 7.3 | 29.3 | 1.68 | 1520 | 174.5 | 0.39 | 5.2 | 30.4 | 1190 |
| X507846 | | 3.65 | 16.05 | 0.14 | 0.4 | 0.045 | 3.96 | 6.9 | 21.9 | 1.96 | 855 | 55.6 | 2.15 | 3.7 | 40.5 | 1520 |
| X507847 | | 4.59 | 16.25 | 0.15 | 0.3 | 0.056 | 3.92 | 6.1 | 18.4 | 1.82 | 1370 | 28.5 | 1.30 | 2.7 | 37.6 | 1580 |
| X507848 | | 3.13 | 17.35 | 0.13 | 0.5 | 0.045 | 3.91 | 9.0 | 17.8 | 1.46 | 695 | 8.41 | 1.56 | 5.6 | 36.0 | 1610 |
| X507849 | | 2.84 | 17.75 | 0.15 | 0.4 | 0.038 | 4.34 | 9.5 | 22.2 | 1.30 | 667 | 31.8 | 0.96 | 5.0 | 31.7 | 1450 |
| X507850 | | 5.10 | 15.30 | 0.13 | 1.3 | 0.059 | 0.93 | 13.4 | 11.3 | 4.09 | 1050 | 4.38 | 1.88 | 7.2 | 212 | 390 |
| X507851 | | 5.79 | 18.40 | 0.13 | 0.5 | 0.064 | 4.53 | 14.5 | 23.5 | 1.33 | 829 | 365 | 0.05 | 4.3 | 40.3 | 1480 |

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

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**Account: SKERES**

Project: Snip

## CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Pb<br>ppm<br>0.5 | ME- MS61<br>Rb<br>ppm<br>0.1 | ME- MS61<br>Re<br>ppm<br>0.002 | ME- MS61<br>S<br>%<br>0.01 | ME- MS61<br>Sb<br>ppm<br>0.05 | ME- MS61<br>Sc<br>ppm<br>0.1 | ME- MS61<br>Se<br>ppm<br>1 | ME- MS61<br>Sn<br>ppm<br>0.2 | ME- MS61<br>Sr<br>ppm<br>0.2 | ME- MS61<br>Ta<br>ppm<br>0.05 | ME- MS61<br>Te<br>ppm<br>0.05 | ME- MS61<br>Th<br>ppm<br>0.01 | ME- MS61<br>Ti<br>%<br>0.005 | ME- MS61<br>Tl<br>ppm<br>0.02 | ME- MS61<br>U<br>ppm<br>0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507812 | | 14.2 | 124.5 | 0.795 | 2.35 | 9.22 | 13.8 | 15 | 1.1 | 261 | 0.28 | 0.16 | 2.58 | 0.175 | 1.36 | 0.7 |
| X507813 | | 11.2 | 115.0 | 0.057 | 1.58 | 5.90 | 13.4 | 15 | 1.4 | 277 | 0.35 | 0.07 | 2.59 | 0.214 | 1.38 | 0.8 |
| X507814 | | 10.7 | 129.5 | 0.047 | 1.60 | 6.89 | 17.0 | 12 | 1.3 | 264 | 0.30 | 0.06 | 2.68 | 0.203 | 1.41 | 1.1 |
| X507815 | | 28.2 | 141.0 | 0.482 | 2.27 | 10.00 | 16.1 | 13 | 1.2 | 173.0 | 0.24 | 0.10 | 2.62 | 0.201 | 1.47 | 0.7 |
| X507816 | | 10.8 | 128.5 | 0.063 | 1.56 | 12.45 | 13.0 | 12 | 0.8 | 212 | 0.26 | <0.05 | 2.80 | 0.182 | 1.37 | 0.8 |
| X507817 | | 43.9 | 148.0 | 0.108 | 2.04 | 16.25 | 18.1 | 12 | 1.0 | 375 | 0.29 | 0.08 | 4.00 | 0.193 | 1.55 | 0.8 |
| X507818 | | 17.8 | 136.0 | 0.248 | 2.33 | 11.55 | 15.4 | 11 | 1.0 | 505 | 0.27 | 0.11 | 2.92 | 0.186 | 1.35 | 0.7 |
| X507819 | | 56.2 | 126.0 | 0.121 | 1.21 | 19.15 | 11.0 | 6 | 1.0 | 390 | 0.21 | <0.05 | 2.32 | 0.170 | 1.31 | 0.4 |
| X507820 | | 1.0 | 0.8 | <0.002 | 0.01 | 0.11 | 0.2 | 1 | <0.2 | 80.2 | <0.05 | <0.05 | 0.07 | 0.006 | <0.02 | 0.1 |
| X507821 | | 193.0 | 145.0 | 0.599 | 3.32 | 44.3 | 13.2 | 19 | 1.4 | 191.0 | 0.22 | 0.17 | 2.00 | 0.173 | 1.67 | 0.6 |
| X507822 | | 18.8 | 144.0 | 0.204 | 3.33 | 12.90 | 20.5 | 14 | 1.4 | 382 | 0.17 | 0.08 | 1.22 | 0.275 | 1.63 | 0.4 |
| X507823 | | 20.7 | 172.0 | 0.433 | 2.77 | 12.45 | 30.0 | 14 | 2.6 | 275 | 0.17 | 0.07 | 1.12 | 0.344 | 1.71 | 0.4 |
| X507824 | | 14.4 | 143.5 | 0.435 | 2.67 | 12.60 | 27.4 | 16 | 2.3 | 295 | 0.21 | <0.05 | 1.18 | 0.318 | 1.64 | 0.3 |
| X507825 | | 8.7 | 161.0 | 0.394 | 3.54 | 11.35 | 28.9 | 27 | 2.3 | 255 | 0.16 | 0.07 | 0.98 | 0.335 | 1.85 | 0.3 |
| X507826 | | 5.4 | 148.5 | 0.089 | 4.94 | 8.88 | 22.8 | 21 | 1.7 | 224 | 0.13 | 0.10 | 0.69 | 0.295 | 2.11 | 0.2 |
| X507827 | | 5.5 | 170.0 | 0.947 | 2.94 | 11.00 | 24.1 | 13 | 2.1 | 236 | 0.13 | 0.11 | 0.86 | 0.287 | 2.02 | 0.3 |
| X507828 | | 12.0 | 175.5 | 0.989 | 4.22 | 12.20 | 23.5 | 17 | 1.7 | 200 | 0.10 | 0.10 | 0.71 | 0.269 | 2.10 | 0.2 |
| X507829 | | 10.4 | 186.0 | 0.950 | 3.30 | 11.50 | 26.9 | 17 | 2.0 | 255 | 0.12 | 0.21 | 0.91 | 0.306 | 1.93 | 0.3 |
| X507830 | | 5230 | 58.4 | 0.003 | 0.28 | 53.2 | 1.5 | 1 | 3.3 | 317 | 0.21 | 0.64 | 3.37 | 0.025 | 0.92 | 1.3 |
| X507831 | | 7.7 | 148.0 | 0.890 | 3.92 | 8.28 | 25.9 | 26 | 1.9 | 344 | 0.12 | 0.29 | 0.90 | 0.286 | 1.84 | 0.3 |
| X507832 | | 4.5 | 133.5 | 0.134 | 3.31 | 6.19 | 27.4 | 15 | 2.0 | 279 | 0.17 | 0.20 | 1.03 | 0.318 | 1.55 | 0.3 |
| X507833 | | 9.4 | 197.0 | 0.211 | 5.04 | 7.99 | 35.8 | 23 | 2.3 | 59.9 | 0.16 | 0.56 | 1.24 | 0.402 | 1.61 | 0.4 |
| X507834 | | 6.0 | 208 | 2.13 | 3.26 | 8.64 | 29.1 | 12 | 2.0 | 54.7 | 0.16 | 0.27 | 1.40 | 0.349 | 1.83 | 0.3 |
| X507835 | | 5.7 | 156.5 | 0.280 | 3.76 | 8.53 | 20.5 | 19 | 2.1 | 260 | 0.16 | 0.22 | 1.44 | 0.226 | 2.00 | 0.5 |
| X507836 | | 5.6 | 116.0 | 0.167 | 2.37 | 5.97 | 16.1 | 17 | 1.3 | 304 | 0.21 | 0.18 | 2.10 | 0.180 | 1.25 | 0.5 |
| X507837 | | 8.5 | 148.0 | 0.468 | 2.75 | 15.95 | 18.9 | 17 | 1.4 | 275 | 0.13 | 0.18 | 1.33 | 0.153 | 1.54 | 0.2 |
| X507838 | | 5.8 | 70.5 | 0.511 | 3.23 | 4.66 | 13.6 | 18 | 1.8 | 246 | 0.19 | 0.14 | 2.02 | 0.165 | 0.89 | 0.4 |
| X507839 | | 5.1 | 132.5 | 0.101 | 3.55 | 6.45 | 21.8 | 23 | 1.3 | 262 | 0.15 | 0.17 | 1.23 | 0.221 | 1.60 | 0.4 |
| X507840 | | 4.4 | 106.0 | 0.138 | 3.45 | 5.46 | 19.8 | 26 | 1.3 | 316 | 0.20 | 0.16 | 1.62 | 0.230 | 1.34 | 0.5 |
| X507841 | | 4.5 | 93.5 | 0.108 | 2.38 | 6.78 | 16.4 | 19 | 2.1 | 344 | 0.33 | 0.12 | 2.02 | 0.267 | 1.19 | 0.7 |
| X507842 | | 3.4 | 120.0 | 0.111 | 2.86 | 7.29 | 21.1 | 19 | 1.4 | 337 | 0.16 | 0.13 | 1.08 | 0.260 | 1.63 | 0.3 |
| X507843 | | 3.6 | 145.5 | 0.299 | 1.74 | 10.05 | 18.5 | 14 | 0.8 | 352 | 0.20 | 0.13 | 1.93 | 0.263 | 1.48 | 0.5 |
| X507844 | | 11.8 | 114.5 | 0.816 | 2.30 | 46.4 | 14.5 | 11 | 2.4 | 435 | 0.14 | 0.15 | 1.39 | 0.191 | 1.12 | 0.2 |
| X507845 | | 25.5 | 90.3 | 0.654 | 2.25 | 23.5 | 14.9 | 12 | 1.2 | 350 | 0.28 | 0.16 | 2.06 | 0.211 | 0.93 | 0.5 |
| X507846 | | 18.6 | 123.5 | 0.167 | 2.67 | 10.75 | 18.4 | 18 | 1.3 | 327 | 0.20 | 0.16 | 1.80 | 0.238 | 1.43 | 0.4 |
| X507847 | | 20.1 | 97.8 | 0.170 | 3.97 | 13.80 | 17.6 | 20 | 1.5 | 262 | 0.16 | 0.20 | 1.41 | 0.203 | 1.55 | 0.4 |
| X507848 | | 4.9 | 107.0 | 0.047 | 2.32 | 9.68 | 17.7 | 17 | 1.2 | 322 | 0.31 | 0.07 | 2.25 | 0.237 | 1.24 | 0.7 |
| X507849 | | 4.2 | 140.0 | 0.078 | 2.22 | 8.86 | 16.3 | 15 | 1.2 | 254 | 0.28 | 0.09 | 2.46 | 0.232 | 1.42 | 0.7 |
| X507850 | | 14.0 | 27.3 | 0.002 | 0.05 | 1.45 | 20.0 | 1 | 1.5 | 344 | 0.43 | 0.05 | 4.18 | 0.219 | 0.22 | 1.3 |
| X507851 | | 15.5 | 165.5 | 0.354 | 5.58 | 18.35 | 18.2 | 23 | 3.8 | 198.5 | 0.20 | 0.17 | 2.42 | 0.225 | 1.37 | 0.7 |

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

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 21- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description / Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | Ag-OG62 | Zn-OG62 |
|---|---|---|---|---|---|---|---|
| Analyte | V | W | Y | Zn | Zr | Ag | Zn |
| Units | ppm | ppm | ppm | ppm | ppm | ppm | % |
| LOD | 1 | 0.1 | 0.1 | 2 | 0.5 | 1 | 0.001 |
| X507812 | 126 | 1.9 | 12.5 | 65 | 14.2 | | |
| X507813 | 147 | 2.1 | 9.5 | 49 | 13.9 | | |
| X507814 | 180 | 2.5 | 13.5 | 51 | 19.4 | | |
| X507815 | 159 | 2.6 | 13.6 | 55 | 14.0 | | |
| X507816 | 142 | 1.5 | 12.9 | 69 | 15.7 | | |
| X507817 | 166 | 2.1 | 11.8 | 57 | 19.5 | | |
| X507818 | 136 | 1.9 | 12.2 | 43 | 16.6 | | |
| X507819 | 74 | 2.0 | 12.1 | 90 | 11.4 | | |
| X507820 | 2 | <0.1 | 2.1 | 4 | 1.6 | | |
| X507821 | 140 | 2.5 | 10.9 | 265 | 9.8 | | |
| X507822 | 193 | 3.8 | 12.3 | 142 | 5.2 | | |
| X507823 | 264 | 3.5 | 10.5 | 77 | 4.2 | | |
| X507824 | 240 | 2.8 | 9.3 | 76 | 4.7 | | |
| X507825 | 256 | 3.1 | 9.2 | 65 | 3.6 | | |
| X507826 | 231 | 2.5 | 7.8 | 49 | 2.0 | | |
| X507827 | 227 | 2.2 | 9.6 | 44 | 4.2 | | |
| X507828 | 225 | 3.2 | 10.4 | 57 | 2.1 | | |
| X507829 | 240 | 2.1 | 10.4 | 69 | 3.9 | | |
| X507830 | 28 | 2.8 | 3.4 | 865 | 13.1 | 130 | |
| X507831 | 222 | 1.6 | 9.1 | 64 | 4.0 | | |
| X507832 | 237 | 3.9 | 10.9 | 54 | 3.9 | | |
| X507833 | 317 | 3.3 | 12.9 | 29 | 4.5 | | |
| X507834 | 296 | 3.7 | 13.9 | 34 | 3.0 | | |
| X507835 | 198 | 1.7 | 8.3 | 68 | 8.3 | | |
| X507836 | 189 | 2.0 | 8.5 | 32 | 9.3 | | |
| X507837 | 156 | 1.6 | 8.8 | 62 | 3.0 | | |
| X507838 | 142 | 1.9 | 8.2 | 30 | 8.2 | | |
| X507839 | 196 | 1.5 | 9.5 | 47 | 9.0 | | |
| X507840 | 191 | 1.3 | 8.9 | 53 | 7.8 | | |
| X507841 | 174 | 1.5 | 7.3 | 41 | 14.4 | | |
| X507842 | 216 | 1.7 | 8.7 | 52 | 7.4 | | |
| X507843 | 188 | 2.1 | 10.2 | 43 | 12.0 | | |
| X507844 | 154 | 3.0 | 7.8 | 37 | 6.0 | | |
| X507845 | 162 | 3.3 | 9.4 | 192 | 16.6 | | |
| X507846 | 192 | 1.9 | 8.8 | 53 | 9.5 | | |
| X507847 | 181 | 2.7 | 8.8 | 52 | 8.8 | | |
| X507848 | 187 | 2.7 | 9.9 | 42 | 17.2 | | |
| X507849 | 192 | 2.6 | 10.7 | 44 | 12.8 | | |
| X507850 | 127 | 0.8 | 19.5 | 113 | 28.6 | | |
| X507851 | 180 | 2.8 | 8.7 | 43 | 13.5 | | |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | WEI-21 Recvd Wt. kg 0.02 | Au-AA26 Au ppm 0.01 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507852 | 3.70 | 0.03 | 1.39 | 8.65 | 26.1 | 980 | 1.62 | 0.29 | 2.54 | 0.18 | 24.3 | 23.2 | 54 | 2.86 | 357 |
| X507853 | 2.50 | 0.05 | 1.89 | 7.82 | 33.4 | 690 | 1.26 | 0.34 | 2.81 | 1.87 | 23.7 | 27.1 | 57 | 2.54 | 432 |
| X507854 | 3.96 | 0.09 | 4.89 | 7.23 | 30.8 | 470 | 0.99 | 0.77 | 2.72 | 8.55 | 25.7 | 28.2 | 45 | 1.99 | 935 |
| X507855 | 0.96 | 0.79 | 11.40 | 7.64 | 43.0 | 330 | 1.19 | 0.71 | 2.10 | 2.91 | 18.25 | 23.0 | 46 | 2.15 | 3560 |
| X507856 | 2.98 | 0.06 | 2.31 | 6.96 | 41.8 | 290 | 1.00 | 0.67 | 2.63 | 2.36 | 17.90 | 20.1 | 51 | 1.98 | 271 |
| X507857 | 3.56 | 0.07 | 1.70 | 6.74 | 54.8 | 650 | 1.04 | 0.69 | 3.24 | 2.44 | 19.55 | 34.0 | 43 | 2.56 | 275 |
| X507858 | 3.88 | 0.05 | 1.36 | 6.78 | 38.0 | 1040 | 1.02 | 0.47 | 3.00 | 7.25 | 9.57 | 20.8 | 40 | 2.03 | 260 |
| X507859 | 3.86 | 0.02 | 0.91 | 7.07 | 17.3 | 1220 | 1.00 | 0.36 | 2.72 | 2.14 | 10.85 | 19.0 | 37 | 2.71 | 158.5 |
| X507860 | 1.11 | <0.01 | 0.01 | 0.14 | 0.4 | 20 | 0.10 | 0.10 | 32.5 | 0.02 | 1.19 | 0.5 | 2 | <0.05 | 2.5 |
| X507861 | 2.90 | 0.03 | 1.66 | 7.87 | 18.5 | 790 | 0.88 | 0.40 | 2.22 | 1.58 | 9.49 | 27.2 | 34 | 2.49 | 272 |
| X507862 | 3.15 | 0.21 | 0.68 | 8.29 | 28.4 | 780 | 1.17 | 0.20 | 4.39 | 1.96 | 14.05 | 22.1 | 40 | 1.88 | 95.8 |
| X507863 | 4.15 | 0.14 | 1.24 | 7.20 | 50.7 | 400 | 0.87 | 0.64 | 6.49 | 1.59 | 15.55 | 21.5 | 43 | 1.04 | 337 |
| X507864 | 3.10 | 0.02 | 0.96 | 6.88 | 33.2 | 580 | 0.92 | 0.40 | 5.63 | 1.00 | 15.35 | 14.1 | 40 | 1.06 | 204 |
| X507865 | 1.84 | 0.43 | 8.63 | 7.07 | 94.3 | 330 | 1.33 | 0.82 | 4.03 | 80.4 | 15.50 | 13.6 | 43 | 1.31 | 442 |
| X507866 | 1.91 | 0.19 | 1.99 | 7.40 | 57.0 | 930 | 1.35 | 0.52 | 4.10 | 13.40 | 23.7 | 14.3 | 37 | 1.60 | 183.5 |
| X507867 | 2.76 | 0.40 | 2.48 | 7.68 | 48.2 | 1230 | 1.18 | 0.48 | 3.23 | 29.2 | 17.10 | 27.2 | 50 | 1.89 | 201 |
| X507868 | 3.89 | 0.15 | 1.18 | 7.12 | 39.5 | 1000 | 1.08 | 0.45 | 4.54 | 4.67 | 23.8 | 15.2 | 49 | 1.37 | 191.5 |
| X507869 | 4.04 | 0.07 | 2.15 | 7.44 | 26.9 | 620 | 1.15 | 0.51 | 4.18 | 1.93 | 9.40 | 15.0 | 35 | 0.67 | 292 |
| X507870 | 0.13 | 4.93 | >100 | 1.51 | 56.9 | 220 | 3.34 | 0.85 | 10.30 | 10.35 | 12.35 | 2.4 | 14 | 2.20 | 104.0 |
| X507871 | 3.93 | 0.09 | 2.61 | 7.21 | 39.3 | 600 | 1.08 | 0.92 | 6.15 | 1.58 | 17.75 | 47.6 | 78 | 1.06 | 512 |
| X507872 | 4.16 | 0.10 | 0.91 | 7.51 | 59.6 | 760 | 1.27 | 0.75 | 6.48 | 1.29 | 16.00 | 37.9 | 67 | 3.38 | 262 |
| X507873 | 1.47 | 0.27 | 6.31 | 5.87 | 153.5 | 310 | 1.00 | 1.75 | 5.62 | 117.0 | 23.3 | 247 | 55 | 1.90 | 320 |
| X507874 | 3.95 | 0.07 | 1.58 | 7.52 | 71.0 | 690 | 1.44 | 1.28 | 3.52 | 4.58 | 14.10 | 32.6 | 60 | 2.62 | 451 |
| X507875 | 3.59 | 0.04 | 0.78 | 8.09 | 59.6 | 700 | 1.43 | 0.47 | 5.23 | 0.17 | 17.00 | 17.7 | 69 | 2.51 | 264 |
| X507876 | 3.77 | 0.03 | 0.98 | 8.01 | 37.7 | 530 | 1.30 | 0.39 | 5.37 | 0.17 | 30.3 | 11.0 | 58 | 2.17 | 325 |
| X507877 | 3.06 | 0.03 | 1.39 | 7.40 | 43.2 | 390 | 1.38 | 1.18 | 5.63 | 4.52 | 18.70 | 30.0 | 39 | 1.96 | 209 |
| X507878 | 1.36 | 0.39 | 0.98 | 4.83 | 197.5 | 260 | 1.07 | 3.76 | 11.90 | 0.09 | 41.6 | 377 | 21 | 1.06 | 12.7 |
| X507879 | 2.81 | 0.03 | 0.74 | 7.96 | 21.4 | 460 | 1.16 | 0.82 | 5.82 | 0.13 | 21.0 | 20.0 | 55 | 2.07 | 203 |
| X507880 | 1.31 | 0.01 | 0.64 | 7.86 | 25.7 | 590 | 1.45 | 0.39 | 5.25 | 0.10 | 16.75 | 11.3 | 56 | 2.18 | 156.5 |
| X507881 | 3.30 | 0.01 | 0.62 | 7.87 | 27.7 | 920 | 1.34 | 0.29 | 7.51 | 0.33 | 25.5 | 22.2 | 41 | 2.11 | 104.5 |
| X507882 | 4.94 | 0.01 | 0.64 | 7.59 | 36.8 | 670 | 1.45 | 0.42 | 7.22 | 0.12 | 20.6 | 20.8 | 41 | 1.88 | 160.5 |
| X507883 | 3.94 | 0.01 | 0.47 | 7.64 | 39.5 | 550 | 1.34 | 0.42 | 3.91 | 0.09 | 13.30 | 29.6 | 55 | 2.31 | 161.0 |
| X507884 | 4.01 | 0.01 | 0.52 | 7.96 | 31.2 | 530 | 1.43 | 0.47 | 2.64 | 0.09 | 8.90 | 28.7 | 59 | 2.41 | 186.0 |
| X507885 | 3.99 | 0.02 | 0.78 | 7.96 | 37.9 | 550 | 1.32 | 0.67 | 3.24 | 0.11 | 10.35 | 35.6 | 81 | 2.40 | 283 |
| X507886 | 4.09 | 0.02 | 0.56 | 8.11 | 26.7 | 480 | 1.35 | 0.46 | 3.98 | 0.11 | 13.65 | 21.8 | 69 | 2.28 | 212 |
| X507887 | 3.20 | <0.01 | 0.45 | 7.71 | 20.7 | 580 | 1.25 | 0.37 | 6.92 | 0.20 | 29.1 | 13.9 | 91 | 2.43 | 128.0 |
| X507888 | 2.09 | 0.01 | 0.74 | 8.38 | 26.4 | 600 | 1.35 | 0.49 | 6.07 | 0.16 | 16.75 | 20.2 | 99 | 2.43 | 201 |
| X507889 | 3.86 | 0.01 | 0.65 | 7.77 | 22.1 | 270 | 0.97 | 0.45 | 6.60 | 0.13 | 17.60 | 16.0 | 52 | 1.27 | 168.0 |
| X507890 | 0.13 | 12.20 | 32.4 | 5.34 | 5660 | 640 | 1.08 | 10.55 | 4.22 | 5.96 | 31.3 | 24.8 | 54 | 3.67 | 347 |
| X507891 | 3.86 | 0.04 | 1.42 | 7.73 | 45.5 | 620 | 1.00 | 0.62 | 5.34 | 0.85 | 20.1 | 20.9 | 85 | 2.03 | 302 |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507852 | | 3.43 | 18.85 | 0.17 | 0.4 | 0.067 | 4.80 | 9.6 | 28.6 | 1.49 | 864 | 17.65 | 0.51 | 6.5 | 32.3 | 1760 |
| X507853 | | 4.35 | 17.30 | 0.15 | 0.6 | 0.068 | 5.12 | 9.7 | 23.0 | 1.45 | 1080 | 41.8 | 0.29 | 6.2 | 39.7 | 1610 |
| X507854 | | 4.23 | 15.15 | 0.17 | 0.5 | 0.126 | 5.14 | 11.5 | 19.1 | 1.28 | 1340 | 194.5 | 0.14 | 6.2 | 36.9 | 1310 |
| X507855 | | 4.94 | 16.80 | 0.14 | 0.6 | 0.363 | 4.85 | 7.6 | 21.3 | 1.10 | 1070 | 101.5 | 0.38 | 5.1 | 33.8 | 1370 |
| X507856 | | 4.53 | 13.90 | 0.12 | 0.5 | 0.067 | 4.60 | 7.0 | 19.5 | 1.22 | 1570 | 19.20 | 0.59 | 5.0 | 30.6 | 1430 |
| X507857 | | 4.23 | 13.10 | 0.16 | 0.3 | 0.037 | 3.62 | 8.3 | 22.6 | 1.61 | 1480 | 191.5 | 0.63 | 4.5 | 27.8 | 1340 |
| X507858 | | 3.33 | 13.15 | 0.14 | 0.4 | 0.048 | 3.94 | 3.9 | 16.3 | 1.37 | 1260 | 13.90 | 0.96 | 4.3 | 35.1 | 1460 |
| X507859 | | 2.34 | 14.00 | 0.15 | 0.4 | 0.021 | 4.25 | 4.3 | 17.4 | 1.34 | 1170 | 28.1 | 1.72 | 5.0 | 17.6 | 1750 |
| X507860 | | 0.12 | 0.44 | 0.16 | 0.1 | <0.005 | 0.04 | 1.2 | 1.4 | 1.45 | 101 | 0.17 | 0.06 | 0.2 | 0.6 | 60 |
| X507861 | | 3.58 | 14.15 | 0.17 | 0.4 | 0.021 | 4.09 | 4.2 | 12.2 | 1.06 | 1010 | 37.8 | 3.13 | 4.2 | 21.8 | 970 |
| X507862 | | 5.32 | 14.60 | 0.13 | 0.2 | 0.133 | 2.81 | 7.0 | 26.9 | 3.97 | 2220 | 0.72 | 2.06 | 2.5 | 33.7 | 1270 |
| X507863 | | 4.53 | 13.55 | 0.12 | 0.6 | 0.283 | 1.78 | 6.9 | 12.3 | 1.99 | 1770 | 0.59 | 2.98 | 5.1 | 41.6 | 1310 |
| X507864 | | 3.46 | 12.45 | 0.13 | 0.6 | 0.312 | 2.02 | 7.3 | 5.4 | 1.42 | 1430 | 1.25 | 3.72 | 5.6 | 41.4 | 1210 |
| X507865 | | 5.30 | 15.50 | 0.08 | 0.4 | 0.348 | 3.38 | 7.6 | 24.2 | 2.09 | 2380 | 3.29 | 1.36 | 3.8 | 29.3 | 1310 |
| X507866 | | 5.07 | 14.15 | 0.08 | 0.3 | 0.207 | 4.07 | 13.4 | 18.6 | 2.17 | 3210 | 0.82 | 1.59 | 3.3 | 22.9 | 1280 |
| X507867 | | 4.40 | 15.05 | 0.08 | 0.6 | 0.244 | 3.06 | 8.3 | 22.0 | 1.89 | 2090 | 0.68 | 3.14 | 6.2 | 28.1 | 1400 |
| X507868 | | 4.14 | 14.15 | 0.11 | 0.6 | 0.253 | 3.89 | 14.1 | 17.1 | 1.48 | 1980 | 1.10 | 2.37 | 6.1 | 30.4 | 1230 |
| X507869 | | 3.60 | 14.80 | 0.07 | 0.8 | 0.333 | 1.49 | 4.0 | 14.3 | 1.51 | 1420 | 5.38 | 4.16 | 12.1 | 25.4 | 1150 |
| X507870 | | 2.22 | 3.65 | <0.05 | 0.5 | 0.686 | 1.20 | 6.8 | 50.9 | 0.10 | 2070 | 6.65 | 0.04 | 2.3 | 9.4 | 120 |
| X507871 | | 5.64 | 14.80 | 0.09 | 0.7 | 0.461 | 1.90 | 9.3 | 18.2 | 1.84 | 1950 | 10.95 | 2.81 | 4.6 | 41.1 | 1320 |
| X507872 | | 6.33 | 15.00 | 0.09 | 0.5 | 0.200 | 3.35 | 8.3 | 22.2 | 2.22 | 2540 | 1.11 | 1.79 | 2.5 | 39.0 | 1220 |
| X507873 | | 11.75 | 13.55 | 0.14 | 0.4 | 0.477 | 2.33 | 15.2 | 17.6 | 1.56 | 2780 | 9.86 | 1.39 | 2.3 | 272 | 1030 |
| X507874 | | 6.96 | 15.00 | 0.08 | 0.3 | 0.493 | 2.86 | 7.0 | 25.8 | 2.30 | 1700 | 1.68 | 2.52 | 2.5 | 35.9 | 1760 |
| X507875 | | 6.01 | 15.60 | 0.09 | 0.3 | 0.234 | 2.59 | 8.9 | 25.8 | 2.25 | 2040 | 0.32 | 2.66 | 2.9 | 33.0 | 1440 |
| X507876 | | 6.12 | 15.55 | 0.08 | 0.3 | 0.402 | 2.14 | 19.3 | 24.3 | 2.71 | 1740 | 0.47 | 2.44 | 3.1 | 28.3 | 1480 |
| X507877 | | 5.97 | 13.75 | 0.08 | 0.6 | 0.739 | 1.72 | 11.1 | 20.2 | 2.54 | 1690 | 2.17 | 1.80 | 2.2 | 47.9 | 1380 |
| X507878 | | 9.93 | 12.45 | 0.17 | 0.3 | 0.818 | 1.44 | 29.9 | 16.5 | 1.92 | 4070 | 7.44 | 0.92 | 1.3 | 207 | 1110 |
| X507879 | | 5.13 | 15.00 | 0.07 | 0.3 | 0.276 | 2.35 | 12.0 | 22.4 | 2.67 | 1360 | 1.74 | 2.44 | 2.5 | 33.7 | 1260 |
| X507880 | | 5.18 | 16.40 | 0.08 | 0.3 | 0.189 | 2.62 | 8.8 | 26.5 | 2.53 | 1260 | 0.30 | 1.77 | 2.5 | 31.0 | 1310 |
| X507881 | | 4.36 | 16.10 | 0.09 | 0.5 | 0.206 | 2.97 | 15.2 | 27.1 | 2.42 | 2310 | 0.50 | 2.09 | 2.6 | 25.4 | 1370 |
| X507882 | | 4.62 | 15.10 | 0.09 | 0.4 | 0.214 | 2.46 | 12.0 | 21.4 | 1.83 | 1280 | 0.84 | 2.51 | 2.9 | 39.6 | 1420 |
| X507883 | | 6.09 | 14.95 | 0.07 | 0.2 | 0.183 | 2.26 | 6.7 | 25.3 | 2.25 | 811 | 0.42 | 3.11 | 2.8 | 33.5 | 1500 |
| X507884 | | 7.32 | 14.95 | 0.08 | 0.2 | 0.137 | 2.24 | 4.2 | 28.4 | 2.83 | 620 | 1.24 | 3.02 | 2.1 | 32.1 | 1480 |
| X507885 | | 8.01 | 14.95 | 0.08 | 0.2 | 0.200 | 2.10 | 4.9 | 27.0 | 2.80 | 931 | 0.87 | 2.95 | 2.1 | 37.0 | 1570 |
| X507886 | | 6.93 | 15.00 | 0.07 | 0.2 | 0.189 | 2.10 | 6.7 | 29.3 | 2.78 | 1100 | 0.55 | 2.95 | 3.2 | 35.7 | 1480 |
| X507887 | | 4.97 | 14.45 | 0.11 | 0.5 | 0.258 | 2.27 | 19.0 | 30.5 | 2.87 | 1540 | 0.29 | 2.25 | 2.2 | 48.2 | 1140 |
| X507888 | | 5.41 | 14.65 | 0.08 | 0.3 | 0.288 | 2.40 | 9.5 | 27.8 | 2.74 | 1020 | 0.44 | 2.76 | 2.0 | 41.7 | 1280 |
| X507889 | | 4.24 | 13.10 | 0.08 | 0.4 | 0.227 | 1.26 | 8.1 | 17.8 | 2.15 | 1120 | 2.14 | 3.72 | 5.2 | 32.2 | 1270 |
| X507890 | | 10.05 | 14.90 | 0.09 | 1.6 | 1.480 | 1.36 | 17.7 | 18.6 | 1.01 | 972 | 42.8 | 0.96 | 4.5 | 29.2 | 630 |
| X507891 | | 6.62 | 15.60 | 0.10 | 0.3 | 0.223 | 1.98 | 9.9 | 24.7 | 2.58 | 2110 | 2.92 | 2.86 | 2.6 | 48.1 | 1380 |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Method / Analyte | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U |
| Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| LOD | 0.5 | 0.1 | 0.002 | 0.01 | 0.05 | 0.1 | 1 | 0.2 | 0.2 | 0.05 | 0.05 | 0.01 | 0.005 | 0.02 | 0.1 |
| X507852 | 16.2 | 148.0 | 0.053 | 2.57 | 7.87 | 18.2 | 17 | 2.6 | 265 | 0.34 | 0.05 | 2.30 | 0.276 | 1.49 | 0.6 |
| X507853 | 165.0 | 103.5 | 0.069 | 3.61 | 7.10 | 17.8 | 25 | 3.2 | 286 | 0.34 | 0.07 | 2.08 | 0.264 | 1.54 | 1.0 |
| X507854 | 493 | 99.8 | 0.195 | 3.74 | 7.79 | 13.6 | 22 | 2.6 | 301 | 0.31 | 0.11 | 2.45 | 0.213 | 1.44 | 0.8 |
| X507855 | 114.0 | 111.0 | 0.357 | 4.61 | 8.65 | 15.0 | 18 | 3.3 | 290 | 0.27 | 0.10 | 2.15 | 0.209 | 1.42 | 0.8 |
| X507856 | 130.0 | 100.5 | 0.051 | 4.06 | 5.69 | 13.2 | 19 | 2.1 | 342 | 0.28 | 0.09 | 1.94 | 0.211 | 1.27 | 0.7 |
| X507857 | 159.5 | 99.0 | 0.793 | 3.63 | 7.41 | 15.0 | 19 | 1.4 | 426 | 0.22 | 0.10 | 1.61 | 0.191 | 1.14 | 0.4 |
| X507858 | 331 | 76.5 | 0.024 | 2.76 | 6.81 | 13.0 | 12 | 1.4 | 327 | 0.23 | 0.06 | 1.46 | 0.181 | 1.34 | 0.6 |
| X507859 | 169.5 | 89.6 | 0.040 | 1.64 | 5.94 | 12.2 | 8 | 1.5 | 321 | 0.28 | <0.05 | 1.51 | 0.203 | 1.22 | 0.5 |
| X507860 | 1.3 | 1.3 | <0.002 | <0.01 | 0.10 | 0.2 | 1 | <0.2 | 77.1 | <0.05 | <0.05 | 0.13 | 0.005 | <0.02 | 0.2 |
| X507861 | 76.9 | 112.0 | 0.059 | 3.42 | 7.86 | 11.8 | 13 | 1.2 | 309 | 0.24 | 0.05 | 1.58 | 0.179 | 1.28 | 0.6 |
| X507862 | 152.5 | 113.0 | 0.002 | 1.35 | 4.19 | 22.0 | 2 | 1.1 | 353 | 0.14 | 0.09 | 0.93 | 0.291 | 1.51 | 0.3 |
| X507863 | 40.7 | 74.3 | 0.007 | 2.71 | 3.49 | 16.1 | 5 | 1.5 | 398 | 0.28 | 0.10 | 2.02 | 0.299 | 0.85 | 0.8 |
| X507864 | 54.6 | 76.5 | 0.003 | 1.99 | 4.51 | 15.6 | 2 | 1.6 | 341 | 0.30 | 0.10 | 1.95 | 0.261 | 0.94 | 0.8 |
| X507865 | 6520 | 94.9 | 0.002 | 3.98 | 11.80 | 17.1 | 4 | 1.7 | 306 | 0.20 | 0.23 | 1.31 | 0.272 | 1.30 | 0.5 |
| X507866 | 859 | 103.0 | <0.002 | 3.05 | 4.78 | 16.1 | 2 | 1.6 | 365 | 0.19 | 0.13 | 1.04 | 0.269 | 1.67 | 0.5 |
| X507867 | 1180 | 76.0 | 0.002 | 3.00 | 3.76 | 16.1 | 2 | 1.8 | 407 | 0.32 | 0.19 | 1.63 | 0.312 | 1.22 | 0.6 |
| X507868 | 139.5 | 75.8 | 0.002 | 2.49 | 2.17 | 14.5 | 2 | 1.5 | 489 | 0.33 | 0.12 | 1.82 | 0.306 | 1.22 | 0.6 |
| X507869 | 131.5 | 33.1 | 0.004 | 1.92 | 1.90 | 12.0 | 2 | 1.6 | 447 | 0.64 | 0.09 | 2.61 | 0.274 | 0.56 | 0.9 |
| X507870 | 5430 | 62.0 | <0.002 | 0.29 | 55.4 | 1.4 | 1 | 3.2 | 330 | 0.21 | 0.65 | 3.57 | 0.026 | 0.93 | 1.3 |
| X507871 | 102.5 | 57.8 | 0.007 | 3.94 | 2.52 | 22.4 | 4 | 1.7 | 464 | 0.24 | 0.21 | 2.30 | 0.303 | 0.68 | 0.9 |
| X507872 | 119.0 | 116.0 | <0.002 | 3.80 | 2.93 | 23.6 | 2 | 1.6 | 442 | 0.14 | 0.17 | 0.79 | 0.368 | 1.46 | 0.6 |
| X507873 | 5060 | 82.0 | 0.089 | >10.0 | 8.57 | 15.2 | 21 | 3.0 | 332 | 0.11 | 0.52 | 0.74 | 0.234 | 1.04 | 1.0 |
| X507874 | 503 | 69.6 | 0.002 | 3.97 | 3.42 | 15.4 | 2 | 1.9 | 312 | 0.11 | 0.22 | 0.67 | 0.283 | 1.34 | 0.3 |
| X507875 | 12.8 | 79.4 | <0.002 | 2.36 | 2.85 | 21.9 | 1 | 1.3 | 388 | 0.15 | 0.10 | 0.95 | 0.317 | 1.30 | 0.3 |
| X507876 | 8.4 | 80.9 | <0.002 | 1.88 | 1.97 | 24.6 | 1 | 2.0 | 357 | 0.16 | 0.05 | 1.11 | 0.347 | 1.02 | 0.5 |
| X507877 | 140.5 | 72.5 | 0.010 | 2.78 | 2.88 | 22.9 | 4 | 4.0 | 341 | 0.11 | 0.20 | 0.88 | 0.324 | 0.83 | 0.7 |
| X507878 | 36.2 | 67.0 | 0.065 | 8.95 | 3.88 | 12.6 | 31 | 5.1 | 535 | 0.07 | 0.58 | 0.59 | 0.113 | 0.66 | 1.3 |
| X507879 | 7.8 | 91.8 | 0.003 | 2.05 | 1.97 | 24.1 | 1 | 1.8 | 361 | 0.15 | 0.11 | 1.00 | 0.332 | 1.14 | 0.4 |
| X507880 | 8.4 | 88.3 | <0.002 | 1.82 | 2.69 | 25.4 | 1 | 1.5 | 307 | 0.14 | 0.12 | 0.82 | 0.347 | 1.29 | 0.3 |
| X507881 | 46.9 | 111.0 | <0.002 | 1.51 | 2.04 | 25.0 | 1 | 1.6 | 399 | 0.14 | 0.10 | 0.96 | 0.356 | 1.46 | 0.5 |
| X507882 | 9.4 | 89.7 | <0.002 | 2.19 | 4.12 | 22.7 | 1 | 1.3 | 383 | 0.16 | 0.14 | 0.97 | 0.320 | 1.13 | 0.5 |
| X507883 | 8.1 | 58.8 | 0.002 | 2.79 | 3.51 | 19.3 | 1 | 1.1 | 320 | 0.13 | 0.14 | 0.66 | 0.318 | 1.14 | 0.2 |
| X507884 | 8.1 | 51.4 | <0.002 | 3.16 | 4.22 | 17.7 | 1 | 0.8 | 272 | 0.10 | 0.12 | 0.53 | 0.304 | 1.23 | 0.2 |
| X507885 | 9.0 | 57.2 | <0.002 | 3.82 | 5.58 | 20.2 | 2 | 1.0 | 279 | 0.10 | 0.19 | 0.64 | 0.261 | 1.20 | 0.2 |
| X507886 | 8.9 | 71.1 | <0.002 | 2.91 | 4.20 | 20.5 | 1 | 1.2 | 327 | 0.15 | 0.13 | 0.95 | 0.288 | 1.19 | 0.3 |
| X507887 | 9.4 | 92.3 | <0.002 | 1.32 | 1.93 | 24.0 | 1 | 1.5 | 387 | 0.12 | 0.06 | 1.00 | 0.253 | 1.20 | 0.5 |
| X507888 | 7.9 | 90.5 | 0.002 | 2.00 | 6.72 | 24.0 | 2 | 1.6 | 367 | 0.11 | 0.10 | 0.83 | 0.280 | 1.21 | 0.3 |
| X507889 | 13.7 | 53.4 | <0.002 | 1.88 | 2.87 | 17.9 | 2 | 1.5 | 417 | 0.30 | 0.06 | 1.76 | 0.296 | 0.65 | 0.6 |
| X507890 | 279 | 55.2 | 0.012 | 2.55 | 9.78 | 9.4 | 2 | 10.2 | 322 | 0.26 | 9.23 | 4.06 | 0.199 | 1.26 | 8.5 |
| X507891 | 119.5 | 69.1 | 0.005 | 3.74 | 4.49 | 21.3 | 3 | 1.4 | 334 | 0.16 | 0.15 | 1.15 | 0.308 | 1.05 | 0.4 |

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

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>V<br>ppm<br>1 | ME- MS61<br>W<br>ppm<br>0.1 | ME- MS61<br>Y<br>ppm<br>0.1 | ME- MS61<br>Zn<br>ppm<br>2 | ME- MS61<br>Zr<br>ppm<br>0.5 | Ag- OG62<br>Ag<br>ppm<br>1 | Zn- OG62<br>Zn<br>%<br>0.001 |
|---|---|---|---|---|---|---|---|---|
| X507852 | | 205 | 2.7 | 8.4 | 45 | 15.4 | | |
| X507853 | | 190 | 3.0 | 6.7 | 277 | 18.7 | | |
| X507854 | | 161 | 2.7 | 6.7 | 1160 | 15.4 | | |
| X507855 | | 174 | 2.5 | 6.8 | 340 | 16.9 | | |
| X507856 | | 163 | 2.9 | 7.5 | 361 | 14.3 | | |
| X507857 | | 151 | 3.3 | 8.4 | 356 | 10.4 | | |
| X507858 | | 141 | 2.8 | 9.1 | 973 | 14.9 | | |
| X507859 | | 159 | 3.0 | 8.8 | 318 | 14.4 | | |
| X507860 | | 2 | <0.1 | 2.3 | 5 | 1.6 | | |
| X507861 | | 119 | 3.4 | 9.3 | 254 | 12.1 | | |
| X507862 | | 201 | 1.3 | 10.0 | 357 | 6.1 | | |
| X507863 | | 179 | 1.2 | 14.3 | 218 | 18.9 | | |
| X507864 | | 125 | 1.8 | 12.2 | 139 | 18.2 | | |
| X507865 | | 191 | 1.9 | 8.0 | >10000 | 13.5 | | 1.205 |
| X507866 | | 180 | 1.5 | 9.6 | 2140 | 8.6 | | |
| X507867 | | 181 | 1.4 | 7.1 | 4520 | 16.6 | | |
| X507868 | | 156 | 1.4 | 9.0 | 758 | 18.8 | | |
| X507869 | | 149 | 1.1 | 7.8 | 330 | 28.3 | | |
| X507870 | | 29 | 2.9 | 3.6 | 896 | 13.2 | 128 | |
| X507871 | | 183 | 1.4 | 10.4 | 271 | 22.0 | | |
| X507872 | | 223 | 2.0 | 10.0 | 244 | 11.8 | | |
| X507873 | | 166 | 1.9 | 8.8 | >10000 | 9.5 | | 1.900 |
| X507874 | | 197 | 1.2 | 6.2 | 738 | 6.9 | | |
| X507875 | | 225 | 1.3 | 8.5 | 70 | 6.7 | | |
| X507876 | | 227 | 1.2 | 10.2 | 75 | 10.3 | | |
| X507877 | | 201 | 1.3 | 9.5 | 615 | 13.8 | | |
| X507878 | | 139 | 1.1 | 16.1 | 38 | 13.2 | | |
| X507879 | | 224 | 1.3 | 9.4 | 52 | 8.7 | | |
| X507880 | | 228 | 2.0 | 8.7 | 59 | 5.8 | | |
| X507881 | | 235 | 1.3 | 12.3 | 106 | 12.6 | | |
| X507882 | | 221 | 1.3 | 11.3 | 42 | 12.1 | | |
| X507883 | | 227 | 1.0 | 6.4 | 50 | 5.8 | | |
| X507884 | | 219 | 0.9 | 5.0 | 43 | 4.2 | | |
| X507885 | | 212 | 0.7 | 5.3 | 42 | 5.5 | | |
| X507886 | | 207 | 1.2 | 7.1 | 53 | 6.3 | | |
| X507887 | | 191 | 0.7 | 11.2 | 61 | 11.4 | | |
| X507888 | | 212 | 0.9 | 9.8 | 65 | 7.2 | | |
| X507889 | | 172 | 1.7 | 11.9 | 50 | 9.7 | | |
| X507890 | | 82 | 16.7 | 10.8 | 861 | 57.0 | | |
| X507891 | | 208 | 1.4 | 8.2 | 205 | 6.4 | | |

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VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | WEI-21 | Au-AA26 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| LOD | 0.02 | 0.01 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| X507892 | 2.78 | 0.07 | 2.16 | 7.34 | 79.0 | 230 | 1.16 | 0.81 | 7.05 | 7.62 | 23.0 | 34.3 | 63 | 2.42 | 233 |
| X507893 | 3.43 | 0.05 | 1.26 | 6.98 | 62.9 | 230 | 1.03 | 0.69 | 5.58 | 6.76 | 11.70 | 32.2 | 60 | 2.88 | 235 |
| X507894 | 1.99 | 0.22 | 10.90 | 6.54 | 140.5 | 1010 | 0.90 | 1.92 | 8.09 | 89.5 | 16.80 | 23.7 | 63 | 0.82 | 720 |
| X507895 | 2.46 | 0.05 | 1.39 | 5.62 | 65.6 | 280 | 0.96 | 0.68 | 11.40 | 6.39 | 39.8 | 21.2 | 49 | 0.48 | 386 |
| X507896 | 2.59 | 0.04 | 0.45 | 4.82 | 70.4 | 680 | 0.89 | 0.62 | 17.15 | 0.28 | 32.1 | 20.4 | 29 | 0.57 | 104.5 |
| X507897 | 2.66 | 0.04 | 1.47 | 5.38 | 63.0 | 750 | 0.96 | 0.56 | 15.00 | 7.19 | 23.6 | 14.7 | 35 | 0.81 | 273 |
| X507898 | 3.60 | 0.08 | 2.93 | 6.94 | 82.4 | 320 | 1.00 | 0.82 | 7.93 | 20.1 | 17.30 | 25.5 | 55 | 2.34 | 258 |
| X507899 | 2.69 | 0.13 | 13.35 | 6.56 | 172.0 | 420 | 0.99 | 2.12 | 5.67 | 136.0 | 18.50 | 63.0 | 37 | 2.42 | 442 |
| X507900 | 1.28 | <0.01 | 0.04 | 0.09 | 0.3 | 30 | 0.07 | 0.03 | 34.3 | 0.19 | 1.04 | 0.6 | 2 | <0.05 | 3.3 |
| X507901 | 2.82 | 0.02 | 0.83 | 7.64 | 48.6 | 420 | 1.37 | 0.76 | 3.58 | 0.54 | 28.2 | 27.6 | 36 | 3.42 | 212 |
| X507902 | 4.11 | 0.03 | 1.23 | 7.45 | 45.6 | 280 | 1.25 | 0.65 | 4.19 | 2.49 | 27.0 | 22.9 | 34 | 3.05 | 150.5 |
| X507903 | 3.83 | 0.04 | 1.27 | 8.48 | 40.0 | 540 | 1.14 | 0.56 | 2.13 | 4.57 | 18.20 | 26.9 | 66 | 4.12 | 222 |
| X507904 | 4.21 | 0.05 | 0.89 | 8.03 | 46.4 | 240 | 1.20 | 0.68 | 2.07 | 0.56 | 17.35 | 24.4 | 102 | 4.98 | 344 |
| X507905 | 3.90 | 0.05 | 1.22 | 7.16 | 52.3 | 170 | 0.98 | 0.62 | 3.21 | 5.21 | 14.05 | 26.6 | 96 | 4.34 | 245 |
| X507906 | 4.26 | 0.07 | 2.49 | 7.44 | 60.1 | 150 | 0.88 | 0.96 | 3.35 | 13.20 | 16.15 | 24.2 | 60 | 3.19 | 132.0 |
| X507907 | 3.50 | 0.04 | 1.20 | 7.35 | 46.8 | 460 | 0.75 | 0.61 | 4.52 | 0.48 | 18.65 | 23.7 | 51 | 1.51 | 271 |
| X507908 | 3.32 | 0.08 | 1.81 | 7.15 | 41.9 | 530 | 0.91 | 1.49 | 3.99 | 1.37 | 25.0 | 21.2 | 48 | 1.83 | 241 |
| X507909 | 3.57 | 0.03 | 1.32 | 7.65 | 34.1 | 520 | 0.99 | 1.03 | 4.33 | 0.39 | 18.10 | 17.1 | 64 | 1.60 | 233 |
| X507910 | 0.13 | 4.86 | >100 | 1.51 | 60.2 | 220 | 3.45 | 0.90 | 10.15 | 10.95 | 12.90 | 2.6 | 14 | 2.38 | 108.0 |

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

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# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOD | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| X507892 | | 7.47 | 14.30 | 0.09 | 0.3 | 0.160 | 2.76 | 10.9 | 26.5 | 2.43 | 3710 | 0.44 | 1.29 | 2.0 | 40.3 | 1330 |
| X507893 | | 7.32 | 14.10 | 0.08 | 0.5 | 0.172 | 3.04 | 5.5 | 25.2 | 2.21 | 2830 | 0.52 | 1.62 | 2.4 | 43.6 | 1160 |
| X507894 | | 8.76 | 11.90 | 0.10 | 0.5 | 0.309 | 2.83 | 8.7 | 27.2 | 1.83 | 3920 | 2.92 | 0.06 | 2.2 | 59.3 | 1060 |
| X507895 | | 6.28 | 10.60 | 0.09 | 0.3 | 0.278 | 1.16 | 24.3 | 18.3 | 4.45 | 3600 | 7.82 | 0.03 | 1.8 | 43.3 | 970 |
| X507896 | | 5.76 | 9.94 | 0.08 | 0.2 | 0.114 | 1.30 | 19.5 | 16.0 | 3.03 | 4680 | 1.47 | 0.03 | 1.5 | 29.7 | 1070 |
| X507897 | | 4.82 | 10.10 | 0.07 | 0.2 | 0.121 | 1.64 | 14.8 | 17.4 | 1.68 | 3670 | 1.10 | 0.16 | 1.7 | 25.8 | 1010 |
| X507898 | | 6.43 | 13.40 | 0.08 | 0.3 | 0.175 | 3.13 | 9.6 | 22.9 | 2.09 | 3560 | 2.02 | 1.26 | 2.6 | 35.8 | 1200 |
| X507899 | | 13.65 | 16.20 | 0.12 | 0.4 | 0.551 | 2.98 | 9.8 | 31.8 | 3.29 | 3650 | 28.0 | 0.52 | 2.0 | 85.4 | 1260 |
| X507900 | | 0.12 | 0.25 | <0.05 | <0.1 | 0.005 | 0.03 | 1.2 | 1.2 | 1.30 | 110 | 0.13 | 0.03 | 0.1 | 0.2 | 80 |
| X507901 | | 6.20 | 17.30 | 0.11 | 0.5 | 0.247 | 3.84 | 13.0 | 40.3 | 2.54 | 2560 | 1.20 | 1.71 | 3.4 | 25.8 | 1500 |
| X507902 | | 6.16 | 15.15 | 0.12 | 0.5 | 0.165 | 3.35 | 12.0 | 34.2 | 2.31 | 2130 | 0.55 | 2.45 | 4.5 | 25.4 | 1640 |
| X507903 | | 7.56 | 16.65 | 0.12 | 0.3 | 0.132 | 3.44 | 8.8 | 39.9 | 2.94 | 1680 | 0.22 | 3.14 | 3.2 | 37.1 | 1650 |
| X507904 | | 7.73 | 17.05 | 0.13 | 0.3 | 0.190 | 4.36 | 8.1 | 40.6 | 2.81 | 1760 | 2.17 | 1.79 | 2.7 | 45.4 | 1470 |
| X507905 | | 7.54 | 15.60 | 0.12 | 0.3 | 0.127 | 3.92 | 6.7 | 35.1 | 2.58 | 2330 | 1.03 | 2.24 | 2.7 | 43.5 | 1190 |
| X507906 | | 7.46 | 14.00 | 0.10 | 0.4 | 0.126 | 3.24 | 7.5 | 26.4 | 2.01 | 2210 | 3.99 | 2.91 | 4.1 | 36.4 | 1360 |
| X507907 | | 6.15 | 12.55 | 0.13 | 0.6 | 0.141 | 1.45 | 9.5 | 18.5 | 1.77 | 2090 | 3.15 | 4.07 | 6.4 | 37.5 | 1230 |
| X507908 | | 6.48 | 13.50 | 0.12 | 0.9 | 0.260 | 1.67 | 14.8 | 20.5 | 2.21 | 1470 | 1.32 | 3.07 | 5.6 | 35.1 | 1160 |
| X507909 | | 5.25 | 14.30 | 0.11 | 0.6 | 0.224 | 1.55 | 9.6 | 21.0 | 2.06 | 1220 | 1.91 | 3.67 | 5.9 | 38.2 | 1240 |
| X507910 | | 2.21 | 3.79 | 0.10 | 0.6 | 0.707 | 1.18 | 7.0 | 52.5 | 0.10 | 2070 | 7.02 | 0.04 | 2.5 | 10.1 | 120 |

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

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 21- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.01 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507892 | | 610 | 94.8 | <0.002 | 5.29 | 4.13 | 22.7 | 2 | 1.2 | 357 | 0.12 | 0.25 | 0.81 | 0.319 | 1.25 | 0.3 |
| X507893 | | 332 | 86.9 | 0.002 | 5.20 | 4.10 | 21.7 | 2 | 1.4 | 335 | 0.14 | 0.23 | 0.74 | 0.336 | 1.56 | 0.4 |
| X507894 | | 7350 | 53.9 | 0.002 | 9.07 | 16.50 | 17.0 | 5 | 1.8 | 285 | 0.12 | 0.70 | 0.71 | 0.264 | 0.71 | 0.5 |
| X507895 | | 328 | 36.5 | 0.008 | 4.76 | 11.60 | 15.0 | 2 | 1.6 | 381 | 0.09 | 0.14 | 0.83 | 0.202 | 0.31 | 0.5 |
| X507896 | | 44.0 | 37.9 | <0.002 | 4.01 | 3.37 | 12.1 | 1 | 0.7 | 668 | 0.07 | 0.15 | 0.55 | 0.175 | 0.36 | 0.4 |
| X507897 | | 421 | 48.9 | <0.002 | 3.46 | 4.21 | 16.1 | 2 | 0.8 | 467 | 0.09 | 0.21 | 0.70 | 0.217 | 0.49 | 0.4 |
| X507898 | | 1710 | 97.8 | 0.002 | 4.52 | 5.18 | 18.1 | 3 | 1.3 | 421 | 0.13 | 0.33 | 0.81 | 0.272 | 1.34 | 0.5 |
| X507899 | | 8700 | 80.4 | 0.018 | >10.0 | 18.20 | 18.6 | 8 | 2.3 | 296 | 0.10 | 0.81 | 0.74 | 0.280 | 1.41 | 0.8 |
| X507900 | | 14.9 | 0.8 | <0.002 | 0.02 | 0.09 | 0.2 | 1 | <0.2 | 86.4 | <0.05 | <0.05 | 0.07 | 0.006 | <0.02 | 0.2 |
| X507901 | | 69.4 | 107.5 | <0.002 | 3.54 | 3.20 | 20.8 | 2 | 1.9 | 272 | 0.17 | 0.14 | 1.50 | 0.351 | 1.77 | 0.6 |
| X507902 | | 116.0 | 83.3 | <0.002 | 4.30 | 5.01 | 19.5 | 2 | 1.4 | 350 | 0.22 | 0.26 | 1.84 | 0.365 | 1.51 | 0.6 |
| X507903 | | 169.0 | 83.5 | <0.002 | 4.75 | 5.05 | 20.1 | 2 | 1.3 | 295 | 0.15 | 0.26 | 0.86 | 0.350 | 1.73 | 0.4 |
| X507904 | | 65.6 | 113.0 | 0.002 | 4.86 | 4.37 | 23.9 | 3 | 1.9 | 232 | 0.14 | 0.16 | 0.66 | 0.379 | 2.07 | 0.3 |
| X507905 | | 330 | 96.8 | 0.002 | 5.32 | 4.96 | 23.4 | 2 | 1.2 | 302 | 0.14 | 0.18 | 0.72 | 0.292 | 1.89 | 0.3 |
| X507906 | | 1165 | 78.8 | 0.006 | 5.78 | 5.14 | 18.1 | 2 | 1.2 | 359 | 0.23 | 0.31 | 1.20 | 0.313 | 1.24 | 0.5 |
| X507907 | | 60.7 | 44.0 | 0.002 | 4.68 | 4.34 | 15.5 | 3 | 1.1 | 410 | 0.36 | 0.19 | 2.36 | 0.272 | 0.67 | 0.7 |
| X507908 | | 123.5 | 56.5 | 0.002 | 4.28 | 2.87 | 15.3 | 3 | 1.6 | 358 | 0.35 | 0.61 | 1.83 | 0.263 | 0.72 | 1.0 |
| X507909 | | 29.2 | 52.8 | 0.002 | 3.03 | 3.06 | 17.4 | 2 | 1.4 | 386 | 0.32 | 0.26 | 1.86 | 0.293 | 0.69 | 0.7 |
| X507910 | | 5500 | 62.3 | 0.002 | 0.28 | 57.2 | 1.4 | 1 | 3.7 | 329 | 0.22 | 0.69 | 3.52 | 0.026 | 0.93 | 1.4 |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 | Ag- OG62 Ag ppm 1 | Zn- OG62 Zn % 0.001 |
|---|---|---|---|---|---|---|---|---|
| X507892 | | 202 | 1.4 | 11.2 | 1150 | 10.8 | | |
| X507893 | | 206 | 1.6 | 7.6 | 1050 | 10.6 | | |
| X507894 | | 149 | 2.5 | 11.0 | >10000 | 12.6 | | 1.400 |
| X507895 | | 134 | 1.5 | 16.6 | 1010 | 7.9 | | |
| X507896 | | 135 | 2.1 | 19.4 | 114 | 9.4 | | |
| X507897 | | 146 | 1.9 | 17.3 | 1030 | 6.7 | | |
| X507898 | | 178 | 2.3 | 9.7 | 3060 | 8.5 | | |
| X507899 | | 215 | 2.2 | 8.2 | >10000 | 11.0 | | 2.04 |
| X507900 | | 2 | <0.1 | 2.1 | 34 | 1.6 | | |
| X507901 | | 220 | 3.0 | 8.7 | 199 | 13.9 | | |
| X507902 | | 211 | 2.8 | 9.5 | 392 | 16.2 | | |
| X507903 | | 223 | 1.8 | 6.8 | 700 | 7.8 | | |
| X507904 | | 233 | 2.6 | 6.1 | 214 | 7.9 | | |
| X507905 | | 193 | 2.1 | 5.9 | 849 | 6.4 | | |
| X507906 | | 178 | 2.8 | 6.9 | 1980 | 9.9 | | |
| X507907 | | 142 | 2.1 | 8.9 | 115 | 14.9 | | |
| X507908 | | 154 | 1.9 | 8.3 | 234 | 15.4 | | |
| X507909 | | 168 | 2.0 | 9.1 | 90 | 15.2 | | |
| X507910 | | 28 | 2.9 | 3.9 | 873 | 14.9 | 130 | |

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

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Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298166

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

| Applies to Method: | | | |
|---|---|---|---|
| BAG- 01 | CRU- 31 | CRU- QC | LOG- 21 |
| LOG- 23 | PUL- 32 | PUL- QC | SPL- 21 |
| WEI- 21 | | | |

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

| Applies to Method: | | | |
|---|---|---|---|
| Ag- OG62 | Au- AA26 | ME- MS61 | ME- OG62 |
| Zn- OG62 | | | |

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To: SKEENA RESOURCES
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VANCOUVER BC V6E 0C3


Finalized Date: 21-DEC-2018
Account: SKERES

# CERTIFICATE KL18298175

Project: Snip
P.O. No.: S-C18-124
This report is for 100 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 23-NOV-2018.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-21 | Sample logging - ClientBarCode |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |
| BAG-01 | Bulk Master for Storage |
| LOG-23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME-MS61 | 48 element four acid ICP-MS | |
| Ag-OG62 | Ore Grade Ag - Four Acid | |
| ME-OG62 | Ore Grade Elements - Four Acid | ICP-AES |
| Pb-OG62 | Ore Grade Pb - Four Acid | |
| Zn-OG62 | Ore Grade Zn - Four Acid | |

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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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description / Method | WEI-21 | Au-AA26 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| LOD | 0.02 | 0.01 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| X507911 | 2.54 | 0.04 | 1.15 | 7.63 | 34.0 | 450 | 0.69 | 0.58 | 3.78 | 0.63 | 15.15 | 12.7 | 113 | 2.09 | 256 |
| X507912 | 2.81 | 0.02 | 0.77 | 7.36 | 37.3 | 700 | 0.93 | 1.25 | 4.08 | 0.36 | 15.30 | 44.2 | 80 | 3.54 | 183.0 |
| X507913 | 2.93 | 0.04 | 1.01 | 7.15 | 48.8 | 560 | 1.19 | 1.06 | 4.53 | 0.28 | 20.9 | 32.4 | 95 | 4.44 | 243 |
| X507914 | 2.76 | 0.25 | 5.11 | 6.32 | 139.5 | 580 | 0.79 | 2.11 | 4.81 | 49.6 | 32.1 | 29.9 | 90 | 1.84 | 233 |
| X507915 | 2.90 | 0.31 | 4.11 | 6.48 | 188.0 | 490 | 0.80 | 0.99 | 5.09 | 32.2 | 38.1 | 30.0 | 51 | 2.21 | 114.0 |
| X507916 | 2.92 | 0.17 | 2.69 | 6.51 | 101.5 | 130 | 1.01 | 1.74 | 6.29 | 32.2 | 53.6 | 71.6 | 66 | 2.73 | 332 |
| X507917 | 2.57 | 0.03 | 2.11 | 7.77 | 38.7 | 760 | 1.11 | 0.64 | 5.51 | 9.90 | 20.5 | 20.9 | 90 | 5.06 | 130.0 |
| X507918 | 4.35 | 0.02 | 0.19 | 8.42 | 31.2 | 970 | 1.12 | 0.21 | 6.46 | 0.27 | 15.55 | 21.9 | 81 | 3.89 | 40.2 |
| X507919 | 3.28 | 0.01 | 0.12 | 7.93 | 19.1 | 900 | 1.07 | 0.14 | 5.87 | 0.06 | 30.2 | 12.7 | 80 | 3.98 | 60.7 |
| X507920 | 1.12 | <0.01 | <0.01 | 0.13 | 0.2 | 40 | 0.07 | 0.04 | 33.7 | 0.02 | 1.14 | 0.5 | 2 | <0.05 | 2.8 |
| X507921 | 4.05 | 0.01 | 0.08 | 8.26 | 14.7 | 990 | 0.90 | 0.09 | 4.69 | 0.05 | 12.00 | 21.3 | 83 | 4.27 | 24.5 |
| X507922 | 3.38 | 0.04 | 0.36 | 7.89 | 35.5 | 1350 | 1.11 | 0.29 | 6.35 | 0.21 | 19.65 | 23.0 | 87 | 3.68 | 99.0 |
| X507923 | 3.25 | 0.03 | 0.54 | 7.62 | 24.4 | 580 | 0.88 | 0.70 | 5.62 | 0.12 | 13.00 | 36.5 | 74 | 1.39 | 201 |
| X507924 | 2.75 | 0.04 | 2.11 | 7.87 | 32.4 | 850 | 0.88 | 0.53 | 4.87 | 16.45 | 18.35 | 23.5 | 71 | 2.26 | 142.5 |
| X507925 | 2.76 | 0.03 | 0.46 | 7.57 | 45.6 | 820 | 1.01 | 0.32 | 6.50 | 1.22 | 18.90 | 23.3 | 72 | 2.31 | 84.0 |
| X507926 | 2.91 | 0.50 | 19.70 | 6.09 | 156.5 | 770 | 0.98 | 1.12 | 4.91 | 218 | 12.95 | 24.9 | 73 | 2.56 | 989 |
| X507927 | 4.64 | 0.10 | 1.54 | 7.41 | 74.5 | 200 | 1.11 | 0.87 | 5.27 | 12.45 | 13.70 | 29.7 | 73 | 3.11 | 94.1 |
| X507928 | 4.26 | 0.04 | 0.70 | 7.83 | 37.7 | 1100 | 1.15 | 0.80 | 4.45 | 0.27 | 12.10 | 27.5 | 68 | 3.79 | 197.0 |
| X507929 | 1.48 | 0.04 | 1.74 | 7.05 | 52.8 | 140 | 0.99 | 2.66 | 4.64 | 2.06 | 13.45 | 44.8 | 67 | 1.85 | 124.5 |
| X507930 | 0.21 | 22.5 | 3.25 | 6.49 | 34.3 | 910 | 1.55 | 0.56 | 1.13 | 0.13 | 17.05 | 10.4 | 31 | 14.75 | 63.3 |
| X507931 | 1.45 | 0.19 | 9.31 | 5.11 | 202 | 650 | 0.71 | 15.45 | 5.80 | 22.4 | 25.1 | 254 | 41 | 1.29 | 1010 |
| X507932 | 3.00 | 0.02 | 0.24 | 7.69 | 26.4 | 770 | 1.07 | 1.11 | 4.90 | 0.10 | 25.9 | 20.9 | 62 | 2.97 | 25.9 |
| X507933 | 3.34 | 0.02 | 0.30 | 7.34 | 31.5 | 1010 | 1.22 | 0.70 | 3.69 | 0.37 | 17.50 | 25.6 | 97 | 2.56 | 41.0 |
| X507934 | 3.92 | 0.02 | 0.81 | 8.26 | 31.5 | 560 | 1.25 | 0.69 | 3.08 | 1.30 | 13.70 | 27.2 | 93 | 2.33 | 153.5 |
| X507935 | 4.72 | 0.01 | 0.24 | 7.70 | 15.7 | 860 | 1.18 | 0.24 | 4.78 | 0.07 | 12.80 | 27.2 | 52 | 2.21 | 101.0 |
| X507936 | 3.59 | 0.01 | 0.67 | 7.30 | 23.1 | 490 | 1.16 | 0.71 | 3.61 | 4.67 | 12.80 | 18.8 | 77 | 1.91 | 35.9 |
| X507937 | 4.95 | 0.01 | 0.18 | 7.38 | 19.8 | 1140 | 1.25 | 0.49 | 3.64 | 0.08 | 10.65 | 22.4 | 75 | 1.97 | 45.2 |
| X507938 | 3.89 | 0.01 | 0.29 | 7.61 | 24.0 | 760 | 1.17 | 0.64 | 4.07 | 0.07 | 19.25 | 23.1 | 54 | 1.41 | 54.2 |
| X507939 | 3.91 | 0.01 | 0.14 | 7.48 | 24.9 | 490 | 1.11 | 0.43 | 4.71 | 0.04 | 19.30 | 19.8 | 51 | 1.23 | 19.9 |
| X507940 | 3.69 | 0.01 | 0.28 | 7.97 | 22.4 | 640 | 1.21 | 0.33 | 4.26 | 0.10 | 19.10 | 18.9 | 55 | 1.61 | 59.6 |
| X507941 | 3.88 | 0.01 | 0.32 | 7.95 | 26.6 | 890 | 1.22 | 0.42 | 3.50 | 0.08 | 11.45 | 14.9 | 62 | 1.91 | 56.8 |
| X507942 | 1.79 | 0.02 | 0.48 | 6.92 | 40.5 | 670 | 1.28 | 0.71 | 3.68 | 0.57 | 27.4 | 12.9 | 49 | 0.74 | 69.9 |
| X507943 | 4.04 | 0.02 | 0.90 | 6.75 | 43.5 | 530 | 1.09 | 1.56 | 4.16 | 1.72 | 19.95 | 22.3 | 52 | 1.38 | 114.5 |
| X507944 | 3.77 | <0.01 | 0.15 | 7.42 | 9.2 | 1830 | 1.23 | 0.60 | 3.96 | 0.08 | 19.80 | 11.9 | 42 | 1.27 | 48.7 |
| X507945 | 4.03 | <0.01 | 0.64 | 7.29 | 25.1 | 1720 | 1.00 | 0.89 | 4.10 | 1.66 | 22.3 | 14.5 | 41 | 1.14 | 86.1 |
| X507946 | 4.13 | 0.04 | 2.51 | 6.55 | 103.5 | 210 | 0.99 | 3.39 | 4.42 | 2.86 | 19.90 | 37.7 | 52 | 1.44 | 186.0 |
| X507947 | 4.07 | 0.01 | 0.43 | 7.73 | 14.3 | 1410 | 1.46 | 0.91 | 3.77 | 0.25 | 15.70 | 21.0 | 55 | 1.86 | 103.0 |
| X507948 | 3.90 | <0.01 | 0.40 | 7.36 | 24.4 | 1650 | 1.00 | 0.97 | 5.00 | 5.30 | 24.4 | 14.7 | 39 | 1.06 | 77.3 |
| X507949 | 2.93 | 0.07 | 6.85 | 5.88 | 199.0 | 310 | 0.98 | 9.70 | 5.55 | 2.77 | 20.3 | 58.3 | 43 | 0.86 | 288 |
| X507950 | 0.13 | 11.95 | 32.4 | 5.45 | 5740 | 540 | 0.98 | 9.79 | 4.29 | 6.14 | 29.5 | 23.5 | 55 | 3.69 | 349 |

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

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Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOD | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| X507911 | | 6.28 | 14.45 | 0.08 | 0.2 | 0.148 | 1.72 | 7.5 | 18.9 | 2.46 | 1700 | 1.90 | 3.44 | 1.8 | 38.2 | 1310 |
| X507912 | | 6.66 | 14.25 | 0.11 | 0.4 | 0.167 | 2.97 | 7.6 | 24.9 | 2.71 | 1360 | 0.71 | 2.38 | 2.2 | 35.4 | 1260 |
| X507913 | | 6.97 | 14.75 | 0.13 | 0.4 | 0.422 | 3.74 | 9.7 | 27.1 | 2.48 | 1520 | 2.06 | 1.36 | 2.5 | 81.4 | 1140 |
| X507914 | | 7.13 | 11.35 | 0.12 | 0.4 | 0.468 | 4.86 | 17.5 | 17.7 | 1.65 | 2220 | 2.54 | 0.56 | 1.9 | 85.4 | 1170 |
| X507915 | | 7.65 | 12.40 | 0.12 | 0.3 | 0.376 | 4.99 | 22.6 | 21.1 | 2.00 | 2660 | 1.74 | 0.40 | 1.5 | 57.8 | 990 |
| X507916 | | 7.99 | 13.55 | 0.14 | 0.4 | 0.575 | 3.88 | 30.4 | 23.2 | 2.28 | 2490 | 0.73 | 0.98 | 1.8 | 48.6 | 1130 |
| X507917 | | 6.54 | 15.00 | 0.10 | 0.2 | 0.263 | 4.11 | 10.2 | 35.6 | 3.70 | 1790 | 0.31 | 1.42 | 2.2 | 40.0 | 1300 |
| X507918 | | 5.74 | 15.65 | 0.10 | 0.1 | 0.117 | 3.91 | 7.6 | 39.3 | 3.64 | 2000 | 0.29 | 1.77 | 2.2 | 35.8 | 1250 |
| X507919 | | 4.89 | 15.20 | 0.09 | 0.2 | 0.201 | 3.60 | 16.5 | 34.6 | 3.29 | 1940 | 0.14 | 1.83 | 2.5 | 27.8 | 1260 |
| X507920 | | 0.12 | 0.32 | 0.06 | <0.1 | <0.005 | 0.05 | 1.1 | 1.2 | 1.34 | 116 | 0.07 | 0.05 | 0.2 | 0.5 | 70 |
| X507921 | | 6.29 | 14.15 | 0.10 | 0.1 | 0.111 | 3.41 | 5.4 | 36.6 | 4.04 | 1800 | 0.61 | 2.15 | 2.4 | 31.9 | 1240 |
| X507922 | | 6.02 | 15.10 | 0.12 | 0.2 | 0.181 | 3.85 | 9.1 | 33.0 | 3.03 | 2540 | 0.65 | 1.48 | 2.4 | 29.6 | 1260 |
| X507923 | | 5.14 | 12.30 | 0.09 | 0.5 | 0.176 | 2.00 | 6.6 | 16.9 | 1.81 | 1160 | 0.36 | 3.32 | 4.6 | 39.4 | 1280 |
| X507924 | | 5.26 | 13.70 | 0.11 | 0.5 | 0.170 | 3.00 | 9.4 | 20.6 | 2.35 | 1560 | 0.38 | 2.42 | 4.5 | 33.8 | 1240 |
| X507925 | | 5.46 | 13.50 | 0.11 | 0.4 | 0.153 | 2.97 | 9.6 | 25.4 | 2.73 | 1990 | 0.99 | 1.96 | 4.0 | 36.8 | 1290 |
| X507926 | | 9.48 | 12.65 | 0.10 | 0.7 | 0.468 | 3.31 | 6.2 | 28.6 | 2.98 | 2260 | 0.50 | 0.46 | 2.3 | 31.5 | 1030 |
| X507927 | | 7.81 | 15.15 | 0.09 | 0.2 | 0.176 | 3.92 | 6.1 | 31.5 | 3.66 | 2300 | 0.29 | 1.01 | 3.0 | 38.3 | 1300 |
| X507928 | | 6.28 | 15.90 | 0.10 | 0.3 | 0.292 | 4.35 | 5.5 | 28.6 | 2.86 | 1680 | 0.37 | 1.72 | 2.9 | 39.8 | 1220 |
| X507929 | | 7.12 | 14.10 | 0.10 | 0.4 | 0.313 | 5.18 | 6.5 | 20.4 | 1.84 | 1580 | 1.74 | 1.22 | 2.9 | 39.6 | 1190 |
| X507930 | | 4.42 | 21.8 | 0.12 | 2.8 | 0.036 | 3.30 | 4.1 | 74.7 | 0.61 | 349 | 2180 | 0.67 | 2.1 | 25.4 | 260 |
| X507931 | | 14.70 | 9.15 | 0.16 | 0.5 | 0.767 | 2.33 | 15.8 | 14.0 | 1.22 | 1760 | 17.50 | 1.38 | 3.1 | 87.7 | 930 |
| X507932 | | 5.47 | 14.80 | 0.09 | 0.5 | 0.252 | 2.61 | 16.8 | 17.9 | 2.66 | 1160 | 0.98 | 2.75 | 4.8 | 27.2 | 1370 |
| X507933 | | 5.40 | 16.90 | 0.10 | 0.3 | 0.210 | 3.13 | 9.9 | 24.1 | 2.62 | 1170 | 0.79 | 1.60 | 4.1 | 51.4 | 1400 |
| X507934 | | 6.72 | 15.05 | 0.12 | 0.3 | 0.147 | 3.71 | 7.0 | 25.8 | 2.75 | 1570 | 1.25 | 1.28 | 3.9 | 51.0 | 1320 |
| X507935 | | 6.00 | 13.95 | 0.10 | 0.2 | 0.160 | 2.89 | 6.4 | 23.3 | 2.93 | 1260 | 1.03 | 2.19 | 3.2 | 33.4 | 1350 |
| X507936 | | 5.67 | 15.30 | 0.13 | 0.2 | 0.162 | 3.36 | 6.5 | 26.0 | 2.31 | 1420 | 1.89 | 1.44 | 4.3 | 33.3 | 1400 |
| X507937 | | 5.70 | 15.95 | 0.12 | 0.2 | 0.112 | 3.56 | 5.0 | 26.0 | 2.66 | 1260 | 2.04 | 1.75 | 3.2 | 38.7 | 1370 |
| X507938 | | 5.23 | 15.20 | 0.14 | 0.6 | 0.221 | 2.24 | 10.9 | 17.3 | 2.10 | 896 | 0.71 | 3.69 | 8.8 | 35.4 | 1650 |
| X507939 | | 5.36 | 14.30 | 0.14 | 0.4 | 0.264 | 1.82 | 11.1 | 15.6 | 2.06 | 935 | 0.45 | 3.79 | 5.3 | 35.7 | 1340 |
| X507940 | | 5.54 | 16.50 | 0.10 | 0.5 | 0.307 | 2.39 | 10.9 | 21.5 | 2.60 | 1020 | 0.49 | 3.34 | 5.8 | 38.5 | 1520 |
| X507941 | | 6.46 | 15.80 | 0.10 | 0.3 | 0.307 | 3.53 | 6.1 | 27.5 | 3.11 | 1180 | 0.33 | 2.52 | 2.7 | 35.8 | 1470 |
| X507942 | | 4.25 | 16.40 | 0.14 | 1.3 | 0.115 | 3.75 | 15.4 | 18.0 | 1.29 | 1040 | 1.73 | 2.25 | 6.4 | 33.8 | 970 |
| X507943 | | 5.37 | 14.75 | 0.11 | 0.7 | 0.152 | 4.94 | 11.3 | 18.1 | 1.44 | 865 | 1.30 | 1.45 | 6.5 | 40.5 | 1210 |
| X507944 | | 4.30 | 15.80 | 0.10 | 0.6 | 0.250 | 3.47 | 11.8 | 19.9 | 1.55 | 786 | 0.94 | 2.75 | 9.5 | 28.3 | 1270 |
| X507945 | | 4.51 | 14.50 | 0.14 | 0.6 | 0.252 | 3.44 | 13.5 | 16.2 | 1.37 | 851 | 1.91 | 2.67 | 8.7 | 29.6 | 1210 |
| X507946 | | 7.47 | 12.50 | 0.11 | 0.5 | 0.323 | 3.85 | 10.5 | 21.5 | 1.60 | 1380 | 1.71 | 1.63 | 7.0 | 76.1 | 1270 |
| X507947 | | 6.10 | 15.60 | 0.13 | 0.4 | 0.183 | 3.87 | 8.8 | 24.6 | 2.32 | 958 | 0.91 | 2.21 | 5.2 | 33.0 | 1260 |
| X507948 | | 4.49 | 15.75 | 0.13 | 0.9 | 0.322 | 3.40 | 15.6 | 17.6 | 1.43 | 872 | 1.22 | 2.50 | 8.7 | 34.7 | 1280 |
| X507949 | | 9.49 | 10.90 | 0.12 | 0.5 | 0.323 | 4.06 | 11.1 | 15.1 | 0.99 | 1840 | 3.58 | 1.02 | 6.5 | 96.3 | 1170 |
| X507950 | | 10.25 | 14.45 | 0.12 | 1.7 | 1.515 | 1.37 | 16.5 | 16.0 | 1.03 | 994 | 43.0 | 0.97 | 4.6 | 30.7 | 640 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61<br>Pb<br>ppm<br>0.5 | ME-MS61<br>Rb<br>ppm<br>0.1 | ME-MS61<br>Re<br>ppm<br>0.002 | ME-MS61<br>S<br>%<br>0.01 | ME-MS61<br>Sb<br>ppm<br>0.05 | ME-MS61<br>Sc<br>ppm<br>0.1 | ME-MS61<br>Se<br>ppm<br>1 | ME-MS61<br>Sn<br>ppm<br>0.2 | ME-MS61<br>Sr<br>ppm<br>0.2 | ME-MS61<br>Ta<br>ppm<br>0.05 | ME-MS61<br>Te<br>ppm<br>0.05 | ME-MS61<br>Th<br>ppm<br>0.01 | ME-MS61<br>Ti<br>%<br>0.005 | ME-MS61<br>Tl<br>ppm<br>0.02 | ME-MS61<br>U<br>ppm<br>0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507911 | | 36.1 | 61.0 | 0.004 | 3.35 | 4.04 | 22.4 | 2 | 1.0 | 346 | 0.10 | 0.17 | 0.95 | 0.256 | 0.95 | 0.4 |
| X507912 | | 29.4 | 105.0 | 0.003 | 3.79 | 3.88 | 21.8 | 2 | 1.2 | 318 | 0.12 | 0.30 | 0.70 | 0.318 | 1.49 | 0.4 |
| X507913 | | 27.4 | 142.0 | 0.004 | 4.57 | 6.54 | 23.5 | 5 | 2.2 | 295 | 0.12 | 0.31 | 0.90 | 0.329 | 2.06 | 0.6 |
| X507914 | | 2340 | 117.0 | <0.002 | 6.95 | 8.95 | 22.2 | 6 | 2.2 | 359 | 0.10 | 0.92 | 1.12 | 0.242 | 1.11 | 0.6 |
| X507915 | | 2030 | 127.0 | 0.004 | 6.80 | 7.08 | 22.3 | 6 | 2.7 | 409 | 0.07 | 0.65 | 0.75 | 0.247 | 1.47 | 0.5 |
| X507916 | | 1365 | 127.0 | <0.002 | 6.86 | 5.67 | 27.1 | 4 | 3.4 | 448 | 0.10 | 0.36 | 0.75 | 0.331 | 1.42 | 0.8 |
| X507917 | | 1270 | 175.0 | 0.003 | 2.27 | 4.27 | 30.2 | 2 | 1.4 | 421 | 0.12 | 0.31 | 0.71 | 0.415 | 2.40 | 0.2 |
| X507918 | | 30.3 | 141.0 | <0.002 | 1.47 | 2.83 | 27.2 | 1 | 0.6 | 630 | 0.12 | 0.18 | 0.65 | 0.378 | 1.74 | 0.2 |
| X507919 | | 9.9 | 140.5 | <0.002 | 0.99 | 3.69 | 26.7 | 1 | 1.7 | 494 | 0.14 | 0.11 | 0.79 | 0.393 | 1.80 | 0.3 |
| X507920 | | 0.7 | 1.4 | 0.002 | 0.01 | 0.06 | 0.3 | 1 | <0.2 | 81.6 | <0.05 | <0.05 | 0.06 | 0.007 | <0.02 | 0.1 |
| X507921 | | 8.7 | 116.5 | 0.002 | 0.99 | 1.90 | 26.4 | <1 | 0.4 | 396 | 0.14 | 0.08 | 0.60 | 0.425 | 2.10 | 0.1 |
| X507922 | | 29.0 | 120.5 | 0.003 | 2.55 | 2.68 | 26.0 | 1 | 0.8 | 433 | 0.14 | 0.21 | 0.72 | 0.403 | 1.62 | 0.3 |
| X507923 | | 10.2 | 60.0 | 0.002 | 2.66 | 3.99 | 21.3 | 1 | 1.3 | 499 | 0.25 | 0.21 | 1.31 | 0.325 | 0.87 | 0.6 |
| X507924 | | 1250 | 89.5 | <0.002 | 2.75 | 4.52 | 20.4 | 1 | 1.2 | 442 | 0.25 | 0.34 | 1.38 | 0.319 | 1.17 | 0.6 |
| X507925 | | 98.4 | 95.8 | <0.002 | 2.84 | 4.33 | 24.1 | 1 | 0.9 | 465 | 0.22 | 0.17 | 1.26 | 0.402 | 1.15 | 0.5 |
| X507926 | | >10000 | 113.5 | 0.002 | 9.10 | 15.40 | 25.2 | 6 | 1.1 | 295 | 0.13 | 1.88 | 0.75 | 0.366 | 1.43 | 0.2 |
| X507927 | | 356 | 117.0 | 0.002 | 5.04 | 4.30 | 28.0 | 1 | 0.8 | 348 | 0.16 | 0.43 | 0.67 | 0.436 | 1.59 | 0.2 |
| X507928 | | 19.3 | 118.5 | 0.003 | 3.27 | 3.06 | 25.1 | 1 | 1.4 | 324 | 0.17 | 0.23 | 0.61 | 0.448 | 2.00 | 0.3 |
| X507929 | | 241 | 91.7 | 0.007 | 6.57 | 2.94 | 23.1 | 2 | 1.9 | 366 | 0.16 | 0.68 | 0.59 | 0.408 | 1.47 | 0.5 |
| X507930 | | 29.8 | 74.3 | 0.161 | 3.42 | 79.0 | 5.4 | 4 | 4.5 | 276 | 0.12 | 1.98 | 1.45 | 0.182 | 17.30 | 0.6 |
| X507931 | | 526 | 63.7 | 0.016 | >10.0 | 7.49 | 12.2 | 12 | 2.1 | 298 | 0.16 | 1.74 | 1.01 | 0.233 | 0.84 | 0.8 |
| X507932 | | 15.3 | 91.2 | <0.002 | 2.84 | 2.18 | 21.3 | 2 | 1.8 | 394 | 0.23 | 0.21 | 1.45 | 0.403 | 1.13 | 0.7 |
| X507933 | | 36.8 | 63.6 | <0.002 | 3.08 | 3.35 | 21.9 | 2 | 1.4 | 353 | 0.20 | 0.25 | 0.74 | 0.415 | 1.18 | 0.4 |
| X507934 | | 159.0 | 80.1 | <0.002 | 4.56 | 3.31 | 22.2 | 2 | 0.9 | 275 | 0.20 | 0.19 | 0.81 | 0.353 | 1.19 | 0.3 |
| X507935 | | 6.4 | 81.0 | <0.002 | 2.30 | 3.72 | 18.1 | 2 | 0.8 | 411 | 0.18 | 0.08 | 0.79 | 0.353 | 1.28 | 0.3 |
| X507936 | | 179.5 | 59.9 | 0.005 | 3.61 | 3.76 | 19.2 | 3 | 1.2 | 318 | 0.23 | 0.11 | 0.89 | 0.360 | 1.15 | 0.3 |
| X507937 | | 12.0 | 75.4 | 0.018 | 3.26 | 3.06 | 21.4 | 4 | 1.5 | 351 | 0.17 | 0.12 | 0.61 | 0.358 | 1.21 | 0.2 |
| X507938 | | 13.5 | 64.0 | 0.009 | 3.35 | 3.02 | 17.8 | 3 | 1.8 | 449 | 0.41 | 0.13 | 2.30 | 0.394 | 0.84 | 0.6 |
| X507939 | | 7.4 | 54.9 | 0.004 | 3.34 | 3.01 | 17.6 | 2 | 1.8 | 459 | 0.26 | 0.15 | 1.54 | 0.359 | 0.69 | 0.6 |
| X507940 | | 6.2 | 78.0 | <0.002 | 2.64 | 3.57 | 19.6 | 1 | 2.2 | 426 | 0.28 | 0.17 | 1.46 | 0.398 | 1.00 | 0.7 |
| X507941 | | 10.4 | 87.3 | <0.002 | 3.06 | 3.90 | 19.3 | 1 | 2.1 | 357 | 0.15 | 0.20 | 0.53 | 0.362 | 1.48 | 0.3 |
| X507942 | | 18.1 | 74.4 | 0.004 | 2.59 | 3.79 | 11.0 | 2 | 1.3 | 421 | 0.35 | 0.26 | 4.51 | 0.240 | 0.98 | 1.9 |
| X507943 | | 45.4 | 79.4 | 0.009 | 2.70 | 3.59 | 13.4 | 2 | 1.0 | 447 | 0.35 | 0.57 | 1.97 | 0.307 | 1.61 | 0.9 |
| X507944 | | 4.7 | 72.4 | 0.003 | 0.72 | 2.17 | 14.4 | 1 | 1.1 | 436 | 0.53 | 0.10 | 2.41 | 0.331 | 0.98 | 0.9 |
| X507945 | | 36.0 | 79.7 | 0.003 | 1.39 | 3.08 | 13.9 | 2 | 1.0 | 404 | 0.47 | 0.21 | 2.58 | 0.318 | 1.06 | 0.7 |
| X507946 | | 75.2 | 92.4 | <0.002 | 4.78 | 5.49 | 15.4 | 3 | 0.9 | 396 | 0.37 | 1.45 | 1.74 | 0.295 | 1.50 | 0.8 |
| X507947 | | 11.4 | 98.1 | 0.003 | 1.63 | 3.24 | 17.1 | 2 | 0.9 | 375 | 0.28 | 0.21 | 1.39 | 0.321 | 1.44 | 0.4 |
| X507948 | | 18.2 | 86.7 | 0.006 | 1.19 | 3.81 | 15.4 | 2 | 1.1 | 435 | 0.47 | 0.25 | 2.81 | 0.321 | 1.06 | 1.1 |
| X507949 | | 108.0 | 83.8 | 0.006 | 8.53 | 6.93 | 11.4 | 4 | 1.0 | 361 | 0.35 | 4.21 | 1.85 | 0.267 | 1.08 | 0.8 |
| X507950 | | 283 | 52.8 | 0.015 | 2.60 | 10.20 | 9.2 | 2 | 7.1 | 331 | 0.26 | 8.95 | 4.07 | 0.209 | 1.26 | 8.2 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 V ppm 1 | ME-MS61 W ppm 0.1 | ME-MS61 Y ppm 0.1 | ME-MS61 Zn ppm 2 | ME-MS61 Zr ppm 0.5 | Ag-OG62 Ag ppm 1 | Pb-OG62 Pb % 0.001 | Zn-OG62 Zn % 0.001 |
|---|---|---|---|---|---|---|---|---|---|
| X507911 | | 206 | 1.3 | 6.8 | 172 | 5.9 | | | |
| X507912 | | 199 | 1.4 | 6.4 | 116 | 7.6 | | | |
| X507913 | | 202 | 2.3 | 7.2 | 96 | 10.7 | | | |
| X507914 | | 164 | 3.3 | 9.2 | 7400 | 11.9 | | | |
| X507915 | | 172 | 3.9 | 8.6 | 4800 | 6.7 | | | |
| X507916 | | 217 | 2.8 | 10.0 | 4970 | 10.3 | | | |
| X507917 | | 232 | 1.7 | 9.3 | 1540 | 3.8 | | | |
| X507918 | | 223 | 2.1 | 10.1 | 147 | 3.8 | | | |
| X507919 | | 218 | 1.8 | 9.8 | 123 | 4.4 | | | |
| X507920 | | 2 | <0.1 | 2.4 | 5 | 1.4 | | | |
| X507921 | | 225 | 1.0 | 9.1 | 88 | 1.9 | | | |
| X507922 | | 225 | 2.2 | 12.5 | 112 | 4.7 | | | |
| X507923 | | 170 | 1.5 | 18.0 | 48 | 12.3 | | | |
| X507924 | | 174 | 1.9 | 10.5 | 2480 | 11.5 | | | |
| X507925 | | 192 | 2.1 | 15.4 | 220 | 10.2 | | | |
| X507926 | | 184 | 2.9 | 14.0 | >10000 | 4.9 | | 1.075 | 3.30 |
| X507927 | | 223 | 3.3 | 13.4 | 1900 | 4.6 | | | |
| X507928 | | 227 | 2.7 | 12.1 | 124 | 6.0 | | | |
| X507929 | | 211 | 3.6 | 10.5 | 403 | 8.7 | | | |
| X507930 | | 566 | 42.7 | 4.7 | 98 | 101.0 | | | |
| X507931 | | 117 | 3.4 | 13.2 | 2720 | 12.8 | | | |
| X507932 | | 204 | 3.1 | 15.0 | 80 | 11.7 | | | |
| X507933 | | 227 | 2.2 | 13.3 | 139 | 7.2 | | | |
| X507934 | | 200 | 2.1 | 10.9 | 244 | 5.3 | | | |
| X507935 | | 190 | 1.5 | 12.4 | 67 | 4.4 | | | |
| X507936 | | 197 | 2.3 | 11.0 | 620 | 4.7 | | | |
| X507937 | | 209 | 2.7 | 10.7 | 72 | 3.7 | | | |
| X507938 | | 202 | 2.1 | 16.8 | 57 | 18.0 | | | |
| X507939 | | 184 | 1.6 | 17.7 | 54 | 11.0 | | | |
| X507940 | | 202 | 2.0 | 14.8 | 59 | 12.3 | | | |
| X507941 | | 220 | 2.4 | 7.4 | 74 | 6.3 | | | |
| X507942 | | 129 | 3.8 | 7.5 | 90 | 46.0 | | | |
| X507943 | | 153 | 4.0 | 9.9 | 259 | 22.2 | | | |
| X507944 | | 162 | 3.6 | 13.8 | 45 | 18.7 | | | |
| X507945 | | 145 | 3.2 | 12.9 | 257 | 17.8 | | | |
| X507946 | | 145 | 4.7 | 11.9 | 401 | 15.0 | | | |
| X507947 | | 184 | 4.7 | 11.2 | 107 | 10.0 | | | |
| X507948 | | 152 | 3.2 | 15.3 | 515 | 26.4 | | | |
| X507949 | | 116 | 4.3 | 17.0 | 352 | 17.0 | | | |
| X507950 | | 83 | 17.4 | 10.8 | 861 | 51.1 | | | |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Method | WEI-21 | Au-AA26 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description / LOD | 0.02 | 0.01 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| X507951 | 4.16 | 0.05 | 1.99 | 6.83 | 65.3 | 450 | 0.85 | 3.01 | 5.53 | 0.13 | 25.3 | 29.4 | 60 | 1.31 | 161.5 |
| X507952 | 3.85 | 0.07 | 4.60 | 6.43 | 68.7 | 290 | 0.52 | 5.58 | 4.05 | 0.17 | 30.2 | 34.1 | 20 | 0.85 | 225 |
| X507953 | 4.20 | 0.06 | 4.32 | 6.82 | 81.3 | 220 | 0.69 | 4.63 | 2.64 | 0.23 | 21.0 | 46.5 | 29 | 0.93 | 315 |
| X507954 | 3.51 | 0.03 | 3.70 | 6.07 | 51.1 | 350 | 0.52 | 3.44 | 3.21 | 3.90 | 26.9 | 29.2 | 24 | 0.61 | 236 |
| X507955 | 3.96 | 0.05 | 4.11 | 6.98 | 56.0 | 250 | 0.88 | 4.81 | 3.71 | 0.31 | 18.95 | 41.3 | 43 | 1.20 | 235 |
| X507956 | 4.22 | 0.03 | 2.18 | 6.95 | 75.4 | 260 | 1.00 | 2.57 | 4.06 | 0.28 | 26.6 | 39.6 | 56 | 1.60 | 266 |
| X507957 | 3.73 | 0.01 | 0.86 | 7.27 | 40.7 | 1220 | 0.96 | 1.50 | 3.82 | 0.74 | 15.60 | 29.2 | 60 | 1.88 | 168.5 |
| X507958 | 4.59 | 0.01 | 0.65 | 7.21 | 31.3 | 1200 | 1.00 | 0.94 | 4.66 | 0.98 | 21.9 | 14.9 | 51 | 1.55 | 72.7 |
| X507959 | 4.16 | 0.01 | 0.98 | 7.27 | 47.5 | 580 | 1.01 | 1.43 | 4.50 | 0.92 | 17.30 | 23.7 | 62 | 1.39 | 126.0 |
| X507960 | 1.19 | <0.01 | 0.02 | 0.56 | 0.6 | 50 | 0.31 | 0.03 | 31.2 | 0.02 | 1.73 | 0.6 | 3 | 0.07 | 3.2 |
| X507961 | 4.17 | 0.01 | 1.10 | 7.49 | 35.3 | 1360 | 0.84 | 1.48 | 2.87 | 3.59 | 19.60 | 23.9 | 69 | 1.37 | 142.0 |
| X507962 | 4.08 | 0.01 | 1.05 | 6.85 | 46.1 | 170 | 1.20 | 1.43 | 2.83 | 0.26 | 15.00 | 45.6 | 51 | 1.30 | 296 |
| X507963 | 3.89 | 0.03 | 2.49 | 6.35 | 58.8 | 280 | 0.87 | 2.60 | 3.14 | 1.04 | 31.1 | 60.4 | 23 | 0.78 | 396 |
| X507964 | 4.03 | 0.02 | 1.91 | 6.26 | 44.4 | 290 | 0.70 | 1.88 | 5.76 | 0.33 | 23.7 | 33.3 | 25 | 0.80 | 224 |
| X507965 | 2.53 | 0.02 | 1.55 | 5.97 | 42.7 | 260 | 0.65 | 3.53 | 5.58 | 0.11 | 16.50 | 30.0 | 39 | 0.85 | 216 |
| X507966 | 2.77 | 0.02 | 0.90 | 6.40 | 21.0 | 1800 | 0.95 | 1.36 | 6.25 | 2.34 | 22.2 | 9.9 | 42 | 0.82 | 51.3 |
| X507967 | 1.99 | 0.01 | 0.57 | 7.10 | 44.7 | 1570 | 1.05 | 0.50 | 3.56 | 0.43 | 27.3 | 13.9 | 43 | 0.86 | 64.2 |
| X507968 | 2.21 | 0.01 | 0.99 | 7.01 | 37.0 | 1990 | 1.01 | 0.62 | 2.90 | 0.65 | 27.3 | 17.4 | 28 | 0.75 | 93.7 |
| X507969 | 1.04 | 0.01 | 1.44 | 6.58 | 43.5 | 1730 | 0.82 | 0.69 | 3.95 | 2.59 | 19.35 | 15.1 | 41 | 0.68 | 103.0 |
| X507970 | 0.11 | 1.14 | 0.32 | 7.45 | 33.8 | 380 | 0.81 | 0.16 | 5.16 | 0.28 | 28.6 | 32.2 | 286 | 1.16 | 108.0 |
| X507971 | 4.09 | 0.01 | 1.27 | 7.26 | 32.4 | 1210 | 1.05 | 0.91 | 3.83 | 4.67 | 23.2 | 18.2 | 47 | 0.95 | 114.0 |
| X507972 | 3.89 | 0.01 | 1.08 | 7.18 | 68.3 | 1860 | 0.94 | 0.97 | 4.20 | 2.79 | 23.6 | 16.7 | 39 | 0.75 | 91.9 |
| X507973 | 4.15 | 0.01 | 0.88 | 7.22 | 30.5 | 1270 | 0.98 | 0.93 | 4.08 | 0.96 | 23.7 | 19.4 | 45 | 0.90 | 109.0 |
| X507974 | 3.38 | 0.01 | 1.35 | 7.06 | 40.7 | 1520 | 1.00 | 1.24 | 6.30 | 1.02 | 27.5 | 16.0 | 40 | 0.86 | 93.5 |
| X507975 | 3.87 | 0.02 | 2.66 | 7.16 | 36.2 | 1240 | 0.98 | 1.27 | 4.56 | 18.60 | 28.9 | 27.4 | 43 | 0.92 | 164.0 |
| X507976 | 2.63 | 0.03 | 2.78 | 7.08 | 29.9 | 1300 | 0.83 | 0.93 | 5.58 | 28.1 | 29.6 | 18.8 | 36 | 1.00 | 97.2 |
| X507977 | 2.64 | 0.02 | 1.45 | 7.45 | 55.6 | 1270 | 1.00 | 0.80 | 4.16 | 7.71 | 26.9 | 18.5 | 50 | 1.30 | 98.9 |
| X507978 | 1.63 | 0.03 | 2.69 | 6.16 | 32.3 | 1140 | 0.99 | 0.51 | 3.45 | 35.7 | 15.85 | 15.3 | 81 | 1.64 | 99.9 |
| X507979 | 2.44 | 0.07 | 7.23 | 7.35 | 113.5 | 280 | 1.33 | 2.76 | 4.05 | 78.9 | 17.00 | 22.7 | 104 | 1.28 | 405 |
| X507980 | 3.01 | 0.12 | 1.58 | 6.70 | 150.5 | 110 | 1.17 | 0.36 | 3.44 | 24.8 | 16.35 | 19.0 | 94 | 1.31 | 82.9 |
| X507981 | 2.97 | 0.05 | 1.69 | 6.98 | 64.3 | 220 | 0.90 | 0.81 | 4.43 | 15.50 | 20.1 | 23.1 | 78 | 1.19 | 129.0 |
| X507982 | 4.19 | 0.02 | 0.38 | 6.96 | 41.9 | 1000 | 0.98 | 0.64 | 4.34 | 0.13 | 20.2 | 22.9 | 50 | 1.12 | 140.0 |
| X507983 | 4.08 | 0.05 | 0.64 | 7.48 | 36.3 | 1030 | 1.28 | 0.60 | 4.90 | 0.49 | 22.2 | 14.5 | 59 | 1.36 | 211 |
| X507984 | 3.98 | 0.01 | 0.39 | 7.05 | 15.3 | 620 | 1.07 | 0.68 | 5.38 | 0.24 | 19.55 | 17.7 | 56 | 0.89 | 90.9 |
| X507985 | 2.56 | 0.01 | 0.51 | 7.12 | 22.1 | 780 | 0.96 | 0.76 | 4.65 | 0.24 | 28.8 | 17.4 | 59 | 0.85 | 98.2 |
| X507986 | 4.04 | 0.01 | 0.35 | 7.33 | 13.0 | 1710 | 1.14 | 1.08 | 3.74 | 0.27 | 21.7 | 17.8 | 51 | 1.22 | 84.5 |
| X507987 | 4.06 | <0.01 | 0.35 | 7.46 | 10.4 | 1820 | 1.33 | 1.17 | 3.78 | 0.17 | 24.2 | 18.4 | 46 | 1.10 | 85.9 |
| X507988 | 4.02 | <0.01 | 0.65 | 7.38 | 13.0 | 2110 | 1.51 | 0.89 | 4.23 | 1.03 | 25.3 | 17.9 | 39 | 1.15 | 99.4 |
| X507989 | 4.05 | <0.01 | 0.74 | 7.17 | 10.3 | 1550 | 1.31 | 1.00 | 4.07 | 5.06 | 21.7 | 15.4 | 45 | 0.94 | 84.7 |
| X507990 | 0.14 | 4.84 | >100 | 1.49 | 60.2 | 220 | 3.30 | 0.79 | 10.30 | 11.00 | 13.05 | 2.6 | 13 | 2.24 | 104.0 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507951 | | 6.47 | 15.15 | 0.13 | 0.5 | 0.635 | 4.95 | 13.8 | 18.0 | 1.76 | 1900 | 2.44 | 1.01 | 6.7 | 30.9 | 1240 |
| X507952 | | 6.66 | 13.15 | 0.14 | 0.3 | 0.230 | 5.23 | 13.6 | 15.9 | 1.49 | 1160 | 0.76 | 0.96 | 7.5 | 13.8 | 1190 |
| X507953 | | 8.31 | 13.65 | 0.13 | 0.3 | 0.241 | 4.91 | 9.4 | 17.2 | 1.48 | 875 | 0.74 | 1.46 | 7.6 | 16.6 | 1390 |
| X507954 | | 5.53 | 11.25 | 0.12 | 0.3 | 0.234 | 4.73 | 12.2 | 11.1 | 0.90 | 914 | 1.28 | 1.15 | 7.0 | 9.2 | 970 |
| X507955 | | 7.31 | 13.95 | 0.12 | 0.3 | 0.320 | 3.38 | 9.6 | 18.3 | 1.62 | 1100 | 2.08 | 2.30 | 6.8 | 30.1 | 1340 |
| X507956 | | 7.32 | 14.45 | 0.13 | 0.3 | 0.422 | 3.36 | 14.3 | 21.3 | 1.78 | 1120 | 2.51 | 2.09 | 5.4 | 40.1 | 1260 |
| X507957 | | 6.60 | 15.45 | 0.12 | 0.3 | 0.323 | 3.22 | 8.7 | 19.6 | 2.01 | 942 | 2.36 | 2.47 | 6.6 | 35.2 | 1240 |
| X507958 | | 4.31 | 14.00 | 0.12 | 0.6 | 0.390 | 2.97 | 13.2 | 19.4 | 1.68 | 1140 | 7.55 | 2.63 | 7.7 | 33.0 | 1220 |
| X507959 | | 6.11 | 14.70 | 0.11 | 0.4 | 0.288 | 3.64 | 9.5 | 23.2 | 1.80 | 1240 | 2.03 | 2.02 | 6.0 | 55.2 | 1240 |
| X507960 | | 0.18 | 2.04 | 0.10 | 0.4 | 0.008 | 0.21 | 1.5 | 1.7 | 1.39 | 115 | 0.22 | 0.30 | 1.3 | 0.7 | 50 |
| X507961 | | 6.42 | 15.50 | 0.10 | 0.5 | 0.366 | 3.44 | 11.5 | 21.0 | 1.99 | 845 | 1.96 | 2.57 | 6.5 | 45.4 | 1200 |
| X507962 | | 8.48 | 17.55 | 0.11 | 0.4 | 0.776 | 3.65 | 7.3 | 18.8 | 1.61 | 881 | 1.97 | 2.05 | 5.6 | 47.1 | 1370 |
| X507963 | | 9.51 | 12.15 | 0.13 | 0.3 | 0.455 | 5.25 | 15.0 | 12.2 | 0.91 | 831 | 0.68 | 0.87 | 8.6 | 35.1 | 1250 |
| X507964 | | 5.67 | 12.75 | 0.12 | 0.5 | 0.437 | 5.11 | 11.4 | 12.6 | 0.94 | 964 | 0.63 | 0.66 | 7.7 | 31.8 | 1140 |
| X507965 | | 6.41 | 11.30 | 0.11 | 0.6 | 0.700 | 4.89 | 8.8 | 13.5 | 1.04 | 916 | 0.33 | 0.45 | 5.9 | 33.7 | 1150 |
| X507966 | | 3.28 | 12.55 | 0.15 | 0.6 | 0.555 | 3.57 | 12.3 | 14.8 | 1.26 | 989 | 0.59 | 1.96 | 7.2 | 22.6 | 1170 |
| X507967 | | 3.95 | 16.05 | 0.16 | 0.7 | 0.268 | 3.54 | 15.4 | 18.9 | 1.42 | 848 | 1.80 | 2.25 | 10.3 | 36.2 | 1080 |
| X507968 | | 3.94 | 15.90 | 0.17 | 0.7 | 0.371 | 4.13 | 14.8 | 15.6 | 1.26 | 727 | 2.13 | 1.68 | 14.8 | 33.2 | 1080 |
| X507969 | | 3.57 | 13.35 | 0.14 | 0.5 | 0.447 | 3.40 | 10.9 | 14.5 | 1.47 | 860 | 1.22 | 1.93 | 11.3 | 35.9 | 1130 |
| X507970 | | 5.04 | 15.95 | 0.13 | 1.2 | 0.057 | 0.92 | 13.7 | 11.9 | 4.00 | 1040 | 4.53 | 1.84 | 7.4 | 211 | 370 |
| X507971 | | 4.70 | 15.00 | 0.13 | 0.3 | 0.323 | 2.98 | 14.1 | 16.3 | 1.57 | 863 | 1.36 | 2.70 | 7.1 | 35.0 | 1320 |
| X507972 | | 4.26 | 14.55 | 0.12 | 0.6 | 0.565 | 3.94 | 14.0 | 16.2 | 1.39 | 894 | 1.67 | 2.17 | 10.9 | 28.5 | 1160 |
| X507973 | | 4.61 | 15.00 | 0.12 | 0.4 | 0.449 | 3.11 | 14.4 | 15.7 | 1.48 | 856 | 2.05 | 2.52 | 7.1 | 35.3 | 1330 |
| X507974 | | 4.47 | 15.20 | 0.12 | 0.5 | 0.667 | 3.45 | 17.0 | 15.6 | 1.44 | 1220 | 1.78 | 2.26 | 9.4 | 25.1 | 1130 |
| X507975 | | 4.89 | 15.65 | 0.15 | 0.5 | 0.562 | 2.94 | 18.2 | 14.3 | 1.35 | 881 | 2.22 | 2.70 | 9.0 | 68.3 | 1230 |
| X507976 | | 3.90 | 14.75 | 0.13 | 0.7 | 0.332 | 2.71 | 18.6 | 13.4 | 1.28 | 990 | 4.33 | 2.92 | 10.1 | 44.1 | 1170 |
| X507977 | | 4.64 | 15.95 | 0.16 | 0.7 | 0.228 | 2.72 | 16.3 | 16.1 | 1.53 | 938 | 3.07 | 3.05 | 9.1 | 49.0 | 1190 |
| X507978 | | 4.80 | 12.20 | 0.12 | 0.2 | 0.121 | 3.13 | 8.4 | 23.7 | 2.67 | 1160 | 1.65 | 1.17 | 2.9 | 29.4 | 1000 |
| X507979 | | 7.05 | 15.35 | 0.16 | 0.2 | 0.341 | 4.36 | 8.0 | 24.7 | 2.70 | 1180 | 0.99 | 0.59 | 3.1 | 38.1 | 1150 |
| X507980 | | 7.49 | 13.10 | 0.13 | 0.3 | 0.212 | 3.87 | 7.9 | 22.1 | 2.17 | 1290 | 0.82 | 1.12 | 3.1 | 41.9 | 1180 |
| X507981 | | 5.89 | 13.25 | 0.15 | 0.4 | 0.235 | 3.70 | 11.0 | 15.3 | 1.99 | 1280 | 0.40 | 2.15 | 4.1 | 35.0 | 1140 |
| X507982 | | 4.16 | 13.80 | 0.10 | 0.7 | 0.338 | 2.75 | 12.4 | 13.6 | 1.84 | 740 | 1.54 | 2.82 | 6.6 | 39.0 | 1240 |
| X507983 | | 4.88 | 16.20 | 0.10 | 0.4 | 0.319 | 3.06 | 13.6 | 17.3 | 1.94 | 693 | 1.27 | 2.48 | 3.7 | 38.8 | 1120 |
| X507984 | | 3.39 | 13.80 | 0.10 | 0.6 | 0.245 | 1.70 | 11.4 | 13.7 | 1.87 | 749 | 1.96 | 3.19 | 6.1 | 24.4 | 1200 |
| X507985 | | 3.96 | 13.50 | 0.13 | 0.5 | 0.252 | 2.00 | 17.6 | 13.1 | 1.90 | 785 | 0.99 | 2.75 | 5.4 | 35.5 | 1260 |
| X507986 | | 4.78 | 15.85 | 0.13 | 0.5 | 0.353 | 4.08 | 12.3 | 15.6 | 1.34 | 733 | 1.43 | 2.43 | 6.9 | 32.8 | 1280 |
| X507987 | | 4.51 | 17.00 | 0.14 | 0.5 | 0.372 | 4.20 | 14.4 | 13.9 | 1.40 | 721 | 1.54 | 2.47 | 8.8 | 35.7 | 1260 |
| X507988 | | 4.19 | 17.10 | 0.14 | 0.6 | 0.829 | 4.54 | 14.3 | 12.4 | 1.30 | 772 | 1.21 | 2.29 | 10.8 | 38.6 | 1360 |
| X507989 | | 3.86 | 15.10 | 0.11 | 0.4 | 0.504 | 3.28 | 12.7 | 11.5 | 1.21 | 687 | 1.39 | 2.78 | 7.1 | 30.4 | 1270 |
| X507990 | | 2.21 | 3.68 | 0.08 | 0.5 | 0.715 | 1.18 | 7.0 | 45.6 | 0.10 | 2040 | 7.13 | 0.04 | 2.4 | 10.6 | 110 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.01 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507951 | | 29.5 | 105.0 | 0.002 | 3.21 | 4.22 | 18.0 | 3 | 1.4 | 396 | 0.33 | 1.33 | 1.73 | 0.294 | 1.56 | 1.1 |
| X507952 | | 33.8 | 85.0 | 0.002 | 4.35 | 3.58 | 13.0 | 3 | 0.9 | 402 | 0.40 | 2.52 | 1.57 | 0.295 | 1.25 | 0.2 |
| X507953 | | 69.1 | 95.7 | <0.002 | 5.84 | 4.36 | 15.0 | 4 | 1.2 | 305 | 0.43 | 2.08 | 1.38 | 0.345 | 1.35 | 0.3 |
| X507954 | | 143.5 | 74.4 | 0.002 | 4.11 | 3.02 | 11.3 | 3 | 1.0 | 404 | 0.38 | 1.66 | 1.41 | 0.251 | 0.81 | 0.2 |
| X507955 | | 81.5 | 81.4 | 0.003 | 4.04 | 3.98 | 15.9 | 3 | 0.9 | 350 | 0.37 | 2.32 | 1.76 | 0.317 | 1.04 | 0.4 |
| X507956 | | 25.1 | 90.0 | 0.004 | 4.15 | 3.50 | 17.5 | 3 | 0.9 | 383 | 0.28 | 0.89 | 1.66 | 0.286 | 1.19 | 0.6 |
| X507957 | | 16.2 | 86.7 | 0.004 | 2.73 | 3.87 | 19.0 | 2 | 0.9 | 440 | 0.34 | 0.45 | 1.65 | 0.328 | 1.23 | 0.5 |
| X507958 | | 28.7 | 83.4 | 0.005 | 1.21 | 3.10 | 14.7 | 1 | 1.0 | 464 | 0.43 | 0.33 | 2.69 | 0.301 | 1.01 | 0.8 |
| X507959 | | 52.7 | 72.2 | 0.006 | 2.74 | 3.60 | 16.7 | 2 | 0.9 | 443 | 0.32 | 0.25 | 1.61 | 0.307 | 1.06 | 0.6 |
| X507960 | | 1.7 | 5.9 | <0.002 | 0.02 | 0.08 | 0.3 | 1 | 0.2 | 81.4 | 0.12 | <0.05 | 0.45 | 0.007 | 0.05 | 0.6 |
| X507961 | | 92.2 | 73.0 | 0.004 | 2.52 | 3.32 | 15.3 | 2 | 1.0 | 369 | 0.38 | 0.33 | 1.68 | 0.308 | 1.32 | 0.6 |
| X507962 | | 21.5 | 78.8 | 0.002 | 4.78 | 3.35 | 16.9 | 3 | 2.0 | 309 | 0.30 | 0.32 | 1.14 | 0.300 | 1.69 | 0.6 |
| X507963 | | 50.3 | 75.7 | <0.002 | 7.84 | 6.43 | 12.2 | 4 | 1.3 | 428 | 0.46 | 0.70 | 1.63 | 0.332 | 1.44 | 0.4 |
| X507964 | | 25.4 | 81.9 | 0.002 | 3.75 | 2.94 | 12.2 | 2 | 1.2 | 550 | 0.44 | 0.93 | 1.75 | 0.298 | 1.41 | 0.4 |
| X507965 | | 21.7 | 78.0 | 0.002 | 4.26 | 2.67 | 11.3 | 2 | 1.1 | 445 | 0.33 | 1.46 | 1.68 | 0.272 | 1.51 | 0.7 |
| X507966 | | 63.8 | 87.8 | <0.002 | 0.83 | 1.73 | 15.0 | 1 | 1.1 | 491 | 0.38 | 0.55 | 2.21 | 0.288 | 1.16 | 0.9 |
| X507967 | | 26.8 | 94.2 | 0.003 | 1.06 | 3.12 | 13.2 | 1 | 0.9 | 356 | 0.52 | 0.14 | 3.30 | 0.287 | 1.17 | 1.1 |
| X507968 | | 55.3 | 71.0 | 0.005 | 1.58 | 2.65 | 10.7 | 1 | 1.2 | 341 | 0.70 | 0.18 | 3.21 | 0.250 | 0.90 | 1.2 |
| X507969 | | 164.5 | 64.1 | 0.002 | 1.28 | 2.87 | 14.0 | 2 | 1.0 | 379 | 0.53 | 0.27 | 2.29 | 0.278 | 0.94 | 0.7 |
| X507970 | | 14.1 | 25.5 | <0.002 | 0.05 | 1.40 | 19.8 | 1 | 1.5 | 337 | 0.44 | 0.06 | 3.92 | 0.217 | 0.26 | 1.5 |
| X507971 | | 63.0 | 87.5 | 0.003 | 1.49 | 2.79 | 17.1 | 2 | 1.2 | 382 | 0.36 | 0.15 | 2.03 | 0.335 | 1.33 | 0.5 |
| X507972 | | 52.2 | 93.5 | <0.002 | 1.61 | 2.72 | 13.9 | 2 | 1.1 | 436 | 0.61 | 0.22 | 3.05 | 0.295 | 1.12 | 0.9 |
| X507973 | | 29.6 | 90.7 | 0.003 | 1.54 | 2.45 | 17.0 | 1 | 1.2 | 386 | 0.37 | 0.26 | 2.19 | 0.326 | 1.15 | 0.4 |
| X507974 | | 69.0 | 83.9 | 0.002 | 1.53 | 2.39 | 15.7 | 2 | 1.3 | 506 | 0.52 | 0.40 | 2.40 | 0.300 | 1.07 | 0.9 |
| X507975 | | 371 | 78.3 | 0.004 | 2.04 | 4.76 | 15.9 | 3 | 1.2 | 481 | 0.47 | 0.40 | 2.57 | 0.320 | 1.20 | 1.0 |
| X507976 | | 495 | 70.5 | 0.003 | 1.26 | 5.38 | 15.8 | 2 | 0.9 | 573 | 0.55 | 0.28 | 2.77 | 0.299 | 0.98 | 0.9 |
| X507977 | | 279 | 84.2 | 0.008 | 1.61 | 6.16 | 16.4 | 2 | 1.0 | 478 | 0.46 | 0.24 | 2.74 | 0.326 | 1.21 | 1.0 |
| X507978 | | 1905 | 100.0 | <0.002 | 1.88 | 3.52 | 20.9 | 4 | 0.9 | 301 | 0.17 | 0.51 | 0.91 | 0.340 | 1.17 | 0.3 |
| X507979 | | 4290 | 96.0 | <0.002 | 5.09 | 7.21 | 29.2 | 8 | 1.7 | 335 | 0.16 | 1.34 | 0.73 | 0.422 | 1.04 | 0.2 |
| X507980 | | 1000 | 94.9 | <0.002 | 6.22 | 4.80 | 29.2 | 3 | 1.6 | 389 | 0.15 | 0.32 | 0.69 | 0.432 | 1.09 | 0.3 |
| X507981 | | 609 | 94.4 | <0.002 | 4.83 | 3.24 | 24.8 | 4 | 1.9 | 513 | 0.22 | 0.36 | 1.09 | 0.396 | 1.03 | 0.5 |
| X507982 | | 10.9 | 82.0 | 0.004 | 2.35 | 1.91 | 16.6 | 2 | 1.2 | 437 | 0.34 | 0.16 | 2.20 | 0.298 | 0.89 | 0.9 |
| X507983 | | 6.9 | 96.1 | 0.006 | 2.38 | 3.59 | 22.3 | 2 | 1.3 | 445 | 0.18 | 0.19 | 1.19 | 0.299 | 0.99 | 0.6 |
| X507984 | | 11.0 | 49.4 | 0.004 | 1.30 | 2.59 | 18.1 | 1 | 1.1 | 504 | 0.31 | 0.16 | 1.90 | 0.293 | 0.60 | 0.9 |
| X507985 | | 11.0 | 52.8 | 0.004 | 1.76 | 1.60 | 18.3 | 2 | 1.2 | 441 | 0.30 | 0.18 | 2.24 | 0.296 | 0.60 | 0.8 |
| X507986 | | 6.8 | 96.6 | 0.004 | 1.33 | 2.69 | 18.0 | 2 | 1.1 | 580 | 0.37 | 0.19 | 2.02 | 0.321 | 1.26 | 0.7 |
| X507987 | | 9.5 | 80.0 | 0.005 | 1.44 | 2.61 | 17.5 | 2 | 1.1 | 518 | 0.47 | 0.30 | 2.35 | 0.341 | 1.31 | 0.7 |
| X507988 | | 49.4 | 109.5 | 0.004 | 1.40 | 3.18 | 16.8 | 2 | 1.4 | 520 | 0.58 | 0.22 | 2.67 | 0.327 | 1.60 | 1.0 |
| X507989 | | 89.3 | 87.6 | 0.002 | 1.45 | 3.11 | 16.9 | 1 | 1.3 | 421 | 0.37 | 0.27 | 2.13 | 0.317 | 1.28 | 0.5 |
| X507990 | | 5540 | 64.9 | 0.002 | 0.28 | 54.7 | 1.6 | 1 | 3.3 | 328 | 0.22 | 0.66 | 3.64 | 0.026 | 0.98 | 1.4 |

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Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 V ppm 1 | ME-MS61 W ppm 0.1 | ME-MS61 Y ppm 0.1 | ME-MS61 Zn ppm 2 | ME-MS61 Zr ppm 0.5 | Ag-OG62 Ag ppm 1 | Pb-OG62 Pb % 0.001 | Zn-OG62 Zn % 0.001 |
|---|---|---|---|---|---|---|---|---|---|
| X507951 | | 147 | 4.0 | 13.1 | 61 | 14.4 | | | |
| X507952 | | 89 | 4.7 | 14.4 | 55 | 9.7 | | | |
| X507953 | | 114 | 7.2 | 11.9 | 76 | 7.9 | | | |
| X507954 | | 81 | 8.9 | 12.4 | 346 | 9.4 | | | |
| X507955 | | 151 | 7.1 | 10.0 | 80 | 10.2 | | | |
| X507956 | | 153 | 6.5 | 11.6 | 84 | 8.4 | | | |
| X507957 | | 171 | 5.1 | 10.4 | 135 | 10.7 | | | |
| X507958 | | 151 | 5.0 | 12.9 | 183 | 20.9 | | | |
| X507959 | | 174 | 4.7 | 13.0 | 324 | 14.9 | | | |
| X507960 | | 1 | 0.1 | 3.6 | 8 | 7.2 | | | |
| X507961 | | 168 | 5.2 | 10.9 | 495 | 15.1 | | | |
| X507962 | | 146 | 6.1 | 11.6 | 102 | 11.4 | | | |
| X507963 | | 83 | 9.3 | 16.3 | 168 | 9.6 | | | |
| X507964 | | 93 | 5.7 | 17.6 | 82 | 13.0 | | | |
| X507965 | | 111 | 4.6 | 11.9 | 44 | 11.8 | | | |
| X507966 | | 132 | 4.6 | 14.9 | 394 | 17.1 | | | |
| X507967 | | 128 | 3.7 | 12.4 | 129 | 27.5 | | | |
| X507968 | | 119 | 3.5 | 10.7 | 157 | 30.4 | | | |
| X507969 | | 128 | 4.4 | 13.6 | 320 | 17.3 | | | |
| X507970 | | 120 | 1.0 | 18.9 | 112 | 27.9 | | | |
| X507971 | | 154 | 3.9 | 13.6 | 526 | 10.1 | | | |
| X507972 | | 138 | 4.9 | 11.8 | 338 | 20.0 | | | |
| X507973 | | 153 | 5.2 | 12.8 | 202 | 11.9 | | | |
| X507974 | | 151 | 4.3 | 15.3 | 273 | 18.5 | | | |
| X507975 | | 156 | 5.2 | 13.9 | 2150 | 20.1 | | | |
| X507976 | | 148 | 3.9 | 15.5 | 3220 | 22.8 | | | |
| X507977 | | 159 | 3.3 | 12.8 | 922 | 23.6 | | | |
| X507978 | | 168 | 2.6 | 8.0 | 4680 | 7.7 | | | |
| X507979 | | 234 | 4.4 | 8.6 | >10000 | 4.0 | | | 0.997 |
| X507980 | | 218 | 3.8 | 12.5 | 3420 | 6.5 | | | |
| X507981 | | 192 | 2.3 | 13.3 | 2160 | 11.5 | | | |
| X507982 | | 154 | 2.3 | 14.2 | 55 | 22.7 | | | |
| X507983 | | 181 | 3.1 | 11.7 | 82 | 13.4 | | | |
| X507984 | | 154 | 3.0 | 13.2 | 47 | 20.9 | | | |
| X507985 | | 159 | 4.5 | 12.3 | 42 | 17.1 | | | |
| X507986 | | 164 | 5.0 | 9.0 | 67 | 17.0 | | | |
| X507987 | | 170 | 4.7 | 10.4 | 52 | 17.3 | | | |
| X507988 | | 162 | 5.5 | 10.6 | 179 | 20.1 | | | |
| X507989 | | 154 | 5.4 | 9.5 | 622 | 13.1 | | | |
| X507990 | | 28 | 2.9 | 3.6 | 869 | 14.3 | 127 | | |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description / Method | WEI-21 | Au-AA26 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| LOD | 0.02 | 0.01 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| X507991 | 3.96 | 0.01 | 0.98 | 7.21 | 18.1 | 2340 | 1.12 | 2.36 | 4.95 | 5.59 | 24.2 | 11.4 | 45 | 0.88 | 62.1 |
| X507992 | 4.12 | 0.02 | 1.25 | 7.12 | 29.7 | 700 | 1.15 | 3.35 | 4.53 | 5.64 | 24.9 | 21.5 | 53 | 1.30 | 148.0 |
| X507993 | 4.03 | 0.03 | 1.23 | 7.21 | 45.9 | 310 | 1.18 | 1.65 | 4.42 | 2.97 | 22.0 | 30.9 | 57 | 1.70 | 195.5 |
| X507994 | 4.13 | 0.04 | 0.94 | 6.95 | 36.5 | 200 | 0.97 | 2.50 | 4.28 | 0.16 | 23.1 | 31.4 | 63 | 1.72 | 193.0 |
| X507995 | 2.45 | 0.03 | 0.68 | 6.82 | 38.7 | 930 | 1.20 | 1.41 | 3.46 | 0.25 | 14.85 | 27.8 | 82 | 1.96 | 127.0 |
| X507996 | 2.48 | 0.01 | 0.51 | 7.54 | 26.5 | 670 | 0.95 | 0.76 | 3.35 | 0.53 | 18.45 | 21.5 | 89 | 1.83 | 85.9 |
| X507997 | 2.61 | 0.01 | 0.44 | 6.90 | 21.5 | 1180 | 0.88 | 0.76 | 4.33 | 0.62 | 17.30 | 20.1 | 66 | 2.80 | 80.7 |
| X507998 | 4.24 | 0.01 | 0.51 | 7.30 | 22.3 | 1650 | 1.20 | 0.80 | 3.57 | 0.30 | 24.2 | 17.4 | 47 | 1.77 | 69.5 |
| X507999 | 4.06 | 0.01 | 0.48 | 7.46 | 18.5 | 980 | 1.06 | 1.16 | 3.50 | 0.75 | 19.60 | 26.2 | 49 | 1.88 | 124.0 |
| X508000 | 1.36 | <0.01 | <0.01 | 0.56 | 0.4 | 60 | 0.26 | 0.02 | 29.5 | <0.02 | 1.58 | 0.8 | 4 | 0.06 | 2.0 |
| X497101 | 2.12 | <0.01 | 0.30 | 7.71 | 14.0 | 960 | 0.91 | 0.47 | 3.52 | 0.09 | 20.5 | 13.7 | 55 | 1.58 | 50.1 |
| X497102 | 2.86 | <0.01 | 0.39 | 6.85 | 17.9 | 1150 | 1.03 | 0.38 | 4.02 | 0.22 | 19.15 | 12.2 | 44 | 2.06 | 52.6 |
| X497103 | 2.99 | 0.01 | 0.78 | 7.00 | 18.4 | 1290 | 0.91 | 0.58 | 3.96 | 6.51 | 22.0 | 14.3 | 43 | 1.08 | 57.8 |
| X497104 | 4.15 | 0.01 | 0.50 | 6.96 | 21.9 | 1340 | 1.07 | 0.47 | 3.63 | 0.98 | 21.2 | 14.1 | 44 | 0.91 | 57.0 |
| X497105 | 3.44 | 0.01 | 0.79 | 7.20 | 24.7 | 1720 | 0.92 | 0.90 | 3.74 | 0.13 | 27.3 | 18.2 | 47 | 1.22 | 105.0 |
| X497106 | 3.11 | <0.01 | 0.65 | 7.12 | 21.6 | 1330 | 1.08 | 0.49 | 3.85 | 0.24 | 20.1 | 14.0 | 50 | 1.24 | 68.4 |
| X497107 | 4.20 | 0.01 | 0.51 | 6.87 | 24.3 | 1630 | 0.86 | 0.47 | 4.37 | 0.75 | 16.25 | 12.5 | 41 | 1.45 | 58.0 |
| X497108 | 3.55 | 0.01 | 0.82 | 6.97 | 32.4 | 1560 | 1.01 | 0.66 | 3.45 | 1.10 | 16.70 | 14.2 | 42 | 1.48 | 80.0 |
| X497109 | 4.06 | 0.02 | 1.48 | 6.79 | 50.2 | 1260 | 1.10 | 1.13 | 4.00 | 3.08 | 17.85 | 21.9 | 43 | 1.72 | 148.0 |
| X497110 | 0.12 | 11.70 | 30.0 | 5.06 | 5310 | 560 | 0.89 | 8.68 | 3.98 | 5.74 | 31.2 | 22.4 | 51 | 3.48 | 328 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61<br>Fe<br>%<br>0.01 | ME-MS61<br>Ga<br>ppm<br>0.05 | ME-MS61<br>Ge<br>ppm<br>0.05 | ME-MS61<br>Hf<br>ppm<br>0.1 | ME-MS61<br>In<br>ppm<br>0.005 | ME-MS61<br>K<br>%<br>0.01 | ME-MS61<br>La<br>ppm<br>0.5 | ME-MS61<br>Li<br>ppm<br>0.2 | ME-MS61<br>Mg<br>%<br>0.01 | ME-MS61<br>Mn<br>ppm<br>5 | ME-MS61<br>Mo<br>ppm<br>0.05 | ME-MS61<br>Na<br>%<br>0.01 | ME-MS61<br>Nb<br>ppm<br>0.1 | ME-MS61<br>Ni<br>ppm<br>0.2 | ME-MS61<br>P<br>ppm<br>10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X507991 | | 3.14 | 16.85 | 0.14 | 0.5 | 0.681 | 4.62 | 13.6 | 10.9 | 1.03 | 733 | 0.89 | 2.35 | 8.8 | 29.8 | 1310 |
| X507992 | | 5.00 | 15.15 | 0.13 | 0.5 | 0.773 | 3.58 | 14.2 | 14.3 | 1.25 | 752 | 1.11 | 2.38 | 7.5 | 62.5 | 1330 |
| X507993 | | 5.98 | 14.15 | 0.12 | 0.5 | 0.420 | 3.35 | 12.6 | 15.7 | 1.38 | 724 | 3.23 | 2.50 | 7.3 | 73.1 | 1230 |
| X507994 | | 5.83 | 12.45 | 0.10 | 0.3 | 0.354 | 3.07 | 12.5 | 12.1 | 1.44 | 687 | 2.19 | 2.54 | 4.8 | 45.5 | 1210 |
| X507995 | | 6.44 | 14.45 | 0.10 | 0.2 | 0.287 | 2.89 | 7.3 | 14.4 | 2.27 | 926 | 0.90 | 1.76 | 3.1 | 40.8 | 1280 |
| X507996 | | 5.96 | 14.70 | 0.11 | 0.3 | 0.325 | 1.79 | 9.7 | 12.6 | 2.33 | 1280 | 1.60 | 3.37 | 4.0 | 40.9 | 1300 |
| X507997 | | 5.65 | 12.85 | 0.09 | 0.3 | 0.346 | 3.00 | 9.6 | 11.0 | 2.67 | 987 | 3.01 | 2.20 | 5.2 | 36.2 | 1110 |
| X507998 | | 4.59 | 16.55 | 0.12 | 0.6 | 0.237 | 3.09 | 14.4 | 14.1 | 1.69 | 783 | 1.82 | 2.56 | 9.5 | 33.4 | 1190 |
| X507999 | | 6.47 | 15.85 | 0.12 | 0.3 | 0.134 | 3.10 | 10.7 | 15.1 | 2.08 | 968 | 1.20 | 2.38 | 5.6 | 24.3 | 1220 |
| X508000 | | 0.16 | 1.68 | 0.06 | 0.2 | <0.005 | 0.24 | 1.2 | 1.9 | 1.27 | 95 | 0.24 | 0.24 | 0.9 | 0.4 | 50 |
| X497101 | | 5.40 | 17.45 | 0.15 | 0.4 | 0.189 | 3.07 | 11.1 | 15.4 | 2.30 | 1050 | 1.00 | 2.68 | 5.5 | 31.1 | 1290 |
| X497102 | | 4.23 | 14.10 | 0.11 | 0.4 | 0.178 | 2.21 | 11.2 | 13.8 | 1.58 | 959 | 1.69 | 2.28 | 7.0 | 28.1 | 1190 |
| X497103 | | 4.36 | 14.35 | 0.09 | 0.4 | 0.214 | 2.80 | 12.5 | 11.2 | 1.23 | 984 | 1.07 | 2.70 | 7.5 | 28.8 | 1150 |
| X497104 | | 4.28 | 14.40 | 0.10 | 0.5 | 0.194 | 2.84 | 12.1 | 10.4 | 1.31 | 1020 | 1.18 | 2.52 | 7.5 | 29.7 | 1180 |
| X497105 | | 5.09 | 15.30 | 0.12 | 0.4 | 0.278 | 3.54 | 16.4 | 11.6 | 1.23 | 839 | 1.21 | 2.33 | 7.2 | 35.4 | 1180 |
| X497106 | | 4.44 | 15.15 | 0.13 | 0.5 | 0.246 | 2.94 | 12.2 | 10.4 | 1.45 | 1090 | 1.33 | 2.43 | 8.3 | 30.6 | 1320 |
| X497107 | | 3.94 | 14.25 | 0.10 | 0.4 | 0.210 | 3.41 | 10.2 | 10.4 | 1.60 | 1040 | 1.53 | 1.96 | 9.8 | 25.2 | 1120 |
| X497108 | | 3.99 | 15.10 | 0.11 | 0.5 | 0.258 | 3.46 | 10.4 | 10.3 | 1.35 | 914 | 3.07 | 2.16 | 9.6 | 35.9 | 1180 |
| X497109 | | 4.86 | 14.55 | 0.12 | 0.3 | 0.337 | 2.76 | 10.1 | 10.3 | 1.55 | 1120 | 1.95 | 2.02 | 6.1 | 34.4 | 1260 |
| X497110 | | 9.44 | 13.25 | 0.08 | 1.5 | 1.380 | 1.26 | 15.9 | 16.7 | 0.95 | 937 | 38.6 | 0.90 | 4.0 | 27.6 | 600 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOD | 0.5 | 0.1 | 0.002 | 0.01 | 0.05 | 0.1 | 1 | 0.2 | 0.2 | 0.05 | 0.05 | 0.01 | 0.005 | 0.02 | 0.1 |
| X507991 | | 119.5 | 103.0 | <0.002 | 1.14 | 2.59 | 15.6 | 1 | 1.2 | 485 | 0.47 | 0.98 | 2.76 | 0.281 | 1.46 | 1.0 |
| X507992 | | 87.3 | 102.0 | 0.002 | 2.47 | 3.28 | 18.3 | 2 | 1.3 | 386 | 0.40 | 1.37 | 2.24 | 0.299 | 1.54 | 1.1 |
| X507993 | | 90.1 | 91.0 | 0.003 | 3.42 | 3.43 | 19.0 | 2 | 1.4 | 398 | 0.40 | 0.37 | 1.97 | 0.297 | 1.06 | 0.9 |
| X507994 | | 14.6 | 77.2 | 0.003 | 3.58 | 2.38 | 19.8 | 2 | 0.8 | 417 | 0.25 | 1.05 | 1.62 | 0.285 | 0.71 | 0.4 |
| X507995 | | 24.7 | 93.8 | 0.003 | 1.99 | 2.51 | 25.4 | 1 | 0.9 | 412 | 0.17 | 0.40 | 0.93 | 0.351 | 0.93 | 0.3 |
| X507996 | | 35.5 | 58.0 | 0.006 | 1.27 | 1.90 | 21.9 | 1 | 0.8 | 465 | 0.23 | 0.16 | 1.26 | 0.359 | 0.60 | 0.4 |
| X507997 | | 14.2 | 88.9 | 0.003 | 1.81 | 2.89 | 19.6 | 2 | 0.8 | 620 | 0.28 | 0.16 | 1.40 | 0.320 | 0.98 | 0.5 |
| X507998 | | 24.6 | 79.6 | 0.004 | 1.26 | 2.81 | 16.5 | 1 | 1.3 | 377 | 0.46 | 0.21 | 2.47 | 0.322 | 0.88 | 0.9 |
| X507999 | | 17.7 | 104.5 | 0.002 | 1.92 | 2.12 | 18.1 | 2 | 0.8 | 371 | 0.29 | 0.21 | 1.55 | 0.289 | 1.23 | 0.4 |
| X508000 | | 0.6 | 6.1 | <0.002 | <0.01 | <0.05 | 0.5 | 1 | <0.2 | 78.1 | 0.10 | <0.05 | 0.34 | 0.008 | 0.08 | 0.5 |
| X497101 | | 18.0 | 92.5 | 0.004 | 0.62 | 1.51 | 20.0 | 1 | 0.8 | 394 | 0.30 | 0.11 | 1.66 | 0.313 | 0.96 | 0.6 |
| X497102 | | 19.0 | 54.3 | 0.005 | 0.70 | 1.98 | 14.2 | 2 | 0.9 | 368 | 0.40 | 0.09 | 2.02 | 0.290 | 0.62 | 0.6 |
| X497103 | | 107.5 | 61.4 | 0.003 | 0.81 | 2.12 | 14.3 | 1 | 0.9 | 418 | 0.43 | 0.15 | 2.22 | 0.284 | 0.75 | 0.5 |
| X497104 | | 26.5 | 57.5 | 0.003 | 1.06 | 2.45 | 14.0 | 2 | 1.1 | 310 | 0.45 | 0.11 | 2.20 | 0.294 | 0.69 | 0.5 |
| X497105 | | 17.6 | 76.2 | <0.002 | 1.66 | 3.11 | 15.3 | 3 | 1.1 | 406 | 0.39 | 0.17 | 2.26 | 0.295 | 0.87 | 0.6 |
| X497106 | | 25.9 | 58.0 | 0.002 | 0.92 | 2.03 | 14.5 | 1 | 1.1 | 321 | 0.49 | 0.13 | 2.07 | 0.319 | 0.62 | 0.6 |
| X497107 | | 31.6 | 71.0 | 0.005 | 0.73 | 2.57 | 12.9 | 1 | 1.0 | 330 | 0.55 | 0.11 | 2.45 | 0.275 | 0.64 | 0.6 |
| X497108 | | 61.4 | 67.0 | 0.004 | 0.86 | 2.87 | 13.3 | 1 | 1.1 | 306 | 0.53 | 0.15 | 2.10 | 0.312 | 0.76 | 0.6 |
| X497109 | | 86.7 | 55.6 | 0.002 | 1.48 | 2.87 | 15.8 | 2 | 1.0 | 298 | 0.37 | 0.27 | 1.37 | 0.327 | 0.57 | 0.4 |
| X497110 | | 274 | 51.6 | 0.015 | 2.39 | 8.67 | 8.8 | 3 | 6.7 | 308 | 0.25 | 9.62 | 3.55 | 0.194 | 1.15 | 8.3 |

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

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Finalized Date: 21-DEC-2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18298175

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 V ppm 1 | ME-MS61 W ppm 0.1 | ME-MS61 Y ppm 0.1 | ME-MS61 Zn ppm 2 | ME-MS61 Zr ppm 0.5 | Ag-OG62 Ag ppm 1 | Pb-OG62 Pb % 0.001 | Zn-OG62 Zn % 0.001 |
|---|---|---|---|---|---|---|---|---|---|
| X507991 | | 145 | 7.4 | 10.4 | 679 | 17.8 | | | |
| X507992 | | 165 | 6.3 | 10.7 | 781 | 17.1 | | | |
| X507993 | | 159 | 7.0 | 10.7 | 459 | 16.8 | | | |
| X507994 | | 169 | 5.1 | 9.4 | 51 | 9.3 | | | |
| X507995 | | 193 | 5.9 | 9.0 | 94 | 6.4 | | | |
| X507996 | | 186 | 3.3 | 11.1 | 133 | 7.4 | | | |
| X507997 | | 162 | 5.2 | 10.0 | 95 | 10.9 | | | |
| X507998 | | 164 | 4.8 | 9.9 | 101 | 19.6 | | | |
| X507999 | | 168 | 2.8 | 8.5 | 133 | 8.8 | | | |
| X508000 | | 2 | 0.1 | 2.8 | 5 | 5.3 | | | |
| X497101 | | 185 | 3.6 | 10.1 | 106 | 12.6 | | | |
| X497102 | | 148 | 4.1 | 9.5 | 84 | 14.2 | | | |
| X497103 | | 137 | 3.6 | 9.1 | 746 | 12.2 | | | |
| X497104 | | 138 | 4.0 | 9.5 | 169 | 13.6 | | | |
| X497105 | | 149 | 3.6 | 9.0 | 60 | 13.2 | | | |
| X497106 | | 157 | 4.4 | 8.8 | 96 | 15.7 | | | |
| X497107 | | 147 | 4.0 | 9.2 | 147 | 15.2 | | | |
| X497108 | | 162 | 4.8 | 7.8 | 229 | 15.0 | | | |
| X497109 | | 177 | 5.3 | 8.1 | 387 | 9.4 | | | |
| X497110 | | 79 | 15.5 | 10.3 | 815 | 49.7 | | | |

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# CERTIFICATE OF ANALYSIS KL18298175

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

Applies to Method:

| | | | |
|---|---|---|---|
| BAG-01 | CRU-31 | CRU-QC | LOG-21 |
| LOG-23 | PUL-32 | PUL-QC | SPL-21 |
| WEI-21 | | | |

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

Applies to Method:

| | | | |
|---|---|---|---|
| Ag-OG62 | Au-AA26 | ME-MS61 | ME-OG62 |
| Pb-OG62 | Zn-OG62 | | |

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Finalized Date: 21- DEC- 2018
Account: SKERES

# CERTIFICATE KL18301681

Project: Snip
P.O. No.: S- C18- 126
This report is for 100 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 27- NOV- 2018.
The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI- 21 | Received Sample Weight |
| LOG- 21 | Sample logging - ClientBarCode |
| CRU- QC | Crushing QC Test |
| PUL- QC | Pulverizing QC Test |
| CRU- 31 | Fine crushing - 70% <2mm |
| SPL- 21 | Split sample - riffle splitter |
| PUL- 32 | Pulverize 1000g to 85% < 75 um |
| BAG- 01 | Bulk Master for Storage |
| LOG- 23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au- AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME- MS61 | 48 element four acid ICP- MS | |
| Ag- OG62 | Ore Grade Ag - Four Acid | |
| ME- OG62 | Ore Grade Elements - Four Acid | ICP- AES |
| Zn- OG62 | Ore Grade Zn - Four Acid | |

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

ALS Canada Ltd.

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | WEI- 21 | Au- AA26 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| LOD | 0.02 | 0.01 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| X497111 | 3.67 | 0.01 | 1.40 | 7.05 | 33.8 | 1450 | 1.03 | 1.22 | 3.95 | 2.52 | 19.10 | 16.7 | 41 | 1.88 | 99.1 |
| X497112 | 3.77 | 0.01 | 0.80 | 6.95 | 25.1 | 1340 | 0.92 | 0.63 | 3.79 | 0.73 | 21.8 | 13.0 | 44 | 1.62 | 73.5 |
| X497113 | 2.49 | 0.01 | 1.13 | 7.40 | 22.3 | 1200 | 1.10 | 0.63 | 2.99 | 3.89 | 20.3 | 14.6 | 54 | 1.58 | 67.3 |
| X497114 | 1.96 | <0.01 | 0.41 | 5.57 | 18.1 | 510 | 1.02 | 0.24 | 8.58 | 0.24 | 12.05 | 35.9 | 627 | 2.70 | 42.5 |
| X497115 | 1.99 | 0.01 | 0.89 | 5.40 | 32.8 | 490 | 1.07 | 0.60 | 7.72 | 0.34 | 14.60 | 43.0 | 499 | 2.71 | 188.0 |
| X497116 | 2.92 | 0.01 | 0.93 | 7.40 | 17.0 | 2080 | 1.02 | 0.48 | 3.63 | 0.27 | 28.6 | 13.4 | 46 | 1.43 | 127.5 |
| X497117 | 3.54 | 0.01 | 0.78 | 7.18 | 25.5 | 1170 | 0.92 | 0.38 | 5.36 | 0.57 | 21.9 | 15.8 | 43 | 2.03 | 115.0 |
| X497118 | 1.77 | 0.01 | 1.64 | 2.38 | 46.5 | 260 | 0.49 | 2.20 | 17.70 | 3.27 | 8.67 | 20.6 | 201 | 1.08 | 28.9 |
| X497119 | 2.93 | 0.01 | 1.23 | 6.52 | 27.0 | 530 | 0.88 | 0.66 | 5.38 | 0.46 | 18.85 | 18.6 | 63 | 1.76 | 111.5 |
| X497120 | 0.90 | 0.01 | 0.01 | 0.08 | <0.2 | 20 | <0.05 | 0.02 | 34.3 | 0.02 | 0.93 | 0.4 | 2 | <0.05 | 1.7 |
| X497121 | 3.79 | 0.01 | 1.91 | 7.50 | 11.7 | 1670 | 1.35 | 0.81 | 4.29 | 6.59 | 21.6 | 16.0 | 59 | 1.75 | 88.4 |
| X497122 | 3.51 | <0.01 | 1.97 | 7.84 | 12.5 | 1890 | 1.12 | 0.75 | 4.47 | 4.52 | 17.45 | 16.7 | 56 | 1.51 | 114.0 |
| X497123 | 4.36 | <0.01 | 1.50 | 7.79 | 7.4 | 1510 | 1.04 | 0.84 | 5.14 | 2.77 | 20.4 | 12.4 | 56 | 1.29 | 74.9 |
| X497124 | 3.79 | 0.01 | 0.28 | 7.79 | 5.7 | 1500 | 0.88 | 0.50 | 4.87 | 0.07 | 22.4 | 10.2 | 53 | 1.27 | 45.0 |
| X497125 | 4.01 | <0.01 | 0.38 | 7.92 | 3.0 | 1400 | 0.93 | 0.54 | 3.99 | 0.13 | 15.60 | 10.9 | 42 | 1.33 | 81.3 |
| X497126 | 3.89 | 0.01 | 0.39 | 7.58 | 7.8 | 1550 | 1.12 | 0.77 | 4.54 | 0.11 | 25.0 | 15.0 | 58 | 1.56 | 78.3 |
| X497127 | 3.81 | 0.01 | 0.46 | 6.47 | 10.8 | 1760 | 0.82 | 1.24 | 5.65 | 0.52 | 30.7 | 6.3 | 46 | 0.83 | 66.2 |
| X497128 | 3.93 | 0.01 | 0.85 | 6.91 | 28.2 | 2390 | 1.38 | 0.77 | 3.87 | 3.45 | 18.65 | 23.5 | 71 | 1.69 | 139.5 |
| X497129 | 4.40 | 0.01 | 1.00 | 6.90 | 18.5 | 1490 | 1.19 | 0.73 | 5.58 | 7.76 | 25.0 | 14.3 | 58 | 1.20 | 70.5 |
| X497130 | 0.13 | 2.07 | 36.2 | 7.02 | 106.0 | 840 | 0.83 | 1.62 | 3.74 | 6.31 | 20.2 | 14.9 | 25 | 0.71 | 207 |
| X497131 | 2.71 | 0.01 | 0.35 | 7.24 | 15.5 | 2000 | 1.33 | 0.62 | 4.73 | 0.12 | 19.70 | 18.8 | 82 | 1.65 | 103.5 |
| X497132 | 2.51 | 0.01 | 0.56 | 7.45 | 11.4 | 1860 | 1.00 | 0.70 | 3.88 | 2.83 | 19.25 | 24.2 | 60 | 1.44 | 133.5 |
| X497133 | 3.47 | 0.02 | 0.81 | 7.04 | 18.5 | 2230 | 0.86 | 0.79 | 4.93 | 0.81 | 17.20 | 15.4 | 62 | 0.95 | 101.5 |
| X497134 | 3.64 | 0.01 | 1.02 | 7.01 | 22.7 | 1710 | 0.91 | 0.83 | 6.18 | 8.00 | 25.1 | 17.6 | 52 | 1.06 | 141.5 |
| X497135 | 1.99 | 0.01 | 0.42 | 6.68 | 15.6 | 1790 | 1.18 | 0.76 | 4.44 | 0.16 | 18.15 | 13.5 | 60 | 1.41 | 81.6 |
| X497136 | 3.86 | 0.01 | 0.57 | 6.96 | 25.6 | 2180 | 1.01 | 1.14 | 6.05 | 0.11 | 22.3 | 17.1 | 61 | 1.10 | 86.9 |
| X497137 | 2.69 | 0.01 | 0.59 | 7.23 | 21.5 | 1210 | 0.83 | 1.03 | 2.86 | 0.05 | 11.90 | 28.0 | 68 | 1.33 | 164.5 |
| X497138 | 2.74 | 0.01 | 0.86 | 7.30 | 31.4 | 1340 | 0.94 | 0.95 | 3.34 | 0.79 | 16.35 | 23.7 | 68 | 1.95 | 178.0 |
| X497139 | 1.06 | 0.03 | 1.64 | 7.23 | 44.2 | 920 | 1.08 | 1.69 | 3.77 | 11.85 | 15.30 | 27.4 | 38 | 2.39 | 187.5 |
| X497140 | 1.55 | 0.02 | 0.51 | 7.99 | 26.3 | 490 | 0.81 | 1.05 | 2.35 | 0.11 | 22.8 | 29.2 | 40 | 0.90 | 134.0 |
| X497141 | 0.65 | 0.02 | 1.08 | 8.11 | 21.5 | 620 | 0.86 | 0.84 | 1.72 | 5.43 | 12.25 | 27.5 | 40 | 1.18 | 160.5 |
| X497142 | 1.38 | 0.06 | 2.24 | 6.97 | 21.9 | 700 | 1.11 | 1.38 | 2.63 | 19.90 | 15.65 | 28.9 | 32 | 1.23 | 210 |
| X497143 | 2.78 | 0.07 | 1.82 | 7.27 | 62.4 | 710 | 1.08 | 3.91 | 2.48 | 4.27 | 10.35 | 27.1 | 60 | 1.28 | 213 |
| X497144 | 4.26 | 0.03 | 0.84 | 7.90 | 41.2 | 510 | 0.79 | 2.31 | 1.89 | 0.41 | 8.67 | 23.7 | 62 | 1.24 | 156.5 |
| X497145 | 4.03 | 0.02 | 0.68 | 7.19 | 45.8 | 830 | 0.64 | 1.40 | 2.95 | 0.50 | 16.35 | 25.5 | 37 | 0.87 | 117.5 |
| X497146 | 3.12 | 0.01 | 0.54 | 7.38 | 36.6 | 560 | 0.68 | 1.25 | 2.41 | 0.13 | 14.35 | 27.2 | 35 | 1.01 | 155.0 |
| X497147 | 1.97 | 0.01 | 0.50 | 7.13 | 24.4 | 580 | 0.72 | 1.14 | 3.41 | 0.15 | 13.60 | 26.8 | 39 | 0.80 | 112.0 |
| X497148 | 1.64 | <0.01 | 0.27 | 4.22 | 44.1 | 1050 | 1.61 | 0.07 | 7.68 | 0.23 | 11.40 | 39.9 | 542 | 6.11 | 69.8 |
| X497149 | 2.43 | <0.01 | 0.22 | 5.36 | 70.9 | 210 | 1.09 | 0.03 | 6.83 | 0.23 | 16.25 | 33.7 | 401 | 1.43 | 64.2 |
| X497150 | 0.13 | 12.55 | 32.3 | 5.39 | 5710 | 700 | 1.00 | 10.80 | 4.24 | 6.11 | 31.5 | 25.1 | 56 | 3.67 | 345 |

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

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# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOD | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| X497111 | | 4.10 | 15.20 | 0.12 | 0.4 | 0.236 | 2.99 | 10.8 | 11.0 | 1.50 | 959 | 4.87 | 2.13 | 8.3 | 38.4 | 1180 |
| X497112 | | 4.49 | 14.80 | 0.12 | 0.5 | 0.228 | 2.86 | 13.4 | 10.8 | 1.61 | 1070 | 1.30 | 2.34 | 8.4 | 32.0 | 1150 |
| X497113 | | 4.61 | 16.65 | 0.10 | 0.4 | 0.261 | 2.44 | 12.4 | 14.2 | 1.23 | 1000 | 2.04 | 2.21 | 6.6 | 54.7 | 1260 |
| X497114 | | 5.14 | 11.20 | 0.09 | 0.4 | 0.111 | 2.09 | 6.5 | 23.4 | 4.54 | 1760 | 0.39 | 0.16 | 3.6 | 252 | 1450 |
| X497115 | | 6.73 | 10.85 | 0.07 | 0.3 | 0.226 | 1.96 | 7.3 | 16.8 | 4.48 | 1540 | 0.64 | 0.71 | 3.0 | 276 | 1520 |
| X497116 | | 4.70 | 13.80 | 0.13 | 0.4 | 0.290 | 3.50 | 16.7 | 9.7 | 1.42 | 736 | 0.86 | 3.08 | 9.4 | 28.6 | 1230 |
| X497117 | | 5.00 | 13.00 | 0.11 | 0.3 | 0.291 | 2.37 | 13.4 | 9.0 | 1.27 | 959 | 0.98 | 3.46 | 4.7 | 28.1 | 1320 |
| X497118 | | 4.35 | 6.09 | 0.06 | 0.2 | 0.094 | 0.79 | 4.8 | 8.4 | 3.05 | 3180 | 0.64 | 0.25 | 1.0 | 206 | 580 |
| X497119 | | 5.02 | 12.40 | 0.09 | 0.4 | 0.261 | 2.72 | 11.5 | 10.9 | 1.45 | 991 | 1.05 | 2.58 | 4.0 | 48.9 | 1110 |
| X497120 | | 0.13 | 0.28 | 0.07 | <0.1 | <0.005 | 0.03 | 1.1 | 1.1 | 1.47 | 115 | 0.15 | 0.03 | 0.1 | 0.3 | 60 |
| X497121 | | 4.27 | 16.10 | 0.11 | 0.4 | 0.415 | 3.57 | 11.8 | 15.5 | 1.31 | 818 | 1.26 | 3.16 | 5.6 | 52.9 | 1340 |
| X497122 | | 5.49 | 15.45 | 0.11 | 0.2 | 0.409 | 4.20 | 9.3 | 19.6 | 1.62 | 1040 | 1.12 | 2.33 | 4.2 | 45.1 | 1510 |
| X497123 | | 5.72 | 14.90 | 0.09 | 0.5 | 1.195 | 3.71 | 11.9 | 16.9 | 1.75 | 1100 | 1.25 | 2.30 | 5.1 | 31.8 | 1430 |
| X497124 | | 5.59 | 14.90 | 0.10 | 0.4 | 1.315 | 3.73 | 12.4 | 17.9 | 1.70 | 1050 | 1.03 | 2.54 | 5.5 | 29.2 | 1470 |
| X497125 | | 6.55 | 14.65 | 0.11 | 0.3 | 1.300 | 3.22 | 8.5 | 19.0 | 1.90 | 1200 | 0.80 | 2.61 | 4.1 | 24.0 | 1390 |
| X497126 | | 6.66 | 16.70 | 0.13 | 0.3 | 1.400 | 3.12 | 12.9 | 16.7 | 1.82 | 1210 | 2.35 | 2.07 | 3.9 | 28.2 | 1410 |
| X497127 | | 2.49 | 8.42 | 0.13 | 0.3 | 0.361 | 2.85 | 15.5 | 8.9 | 1.12 | 710 | 2.07 | 2.70 | 5.2 | 23.2 | 1170 |
| X497128 | | 5.92 | 15.55 | 0.16 | 0.2 | 0.579 | 4.24 | 9.4 | 16.4 | 1.57 | 823 | 1.21 | 1.41 | 7.6 | 61.1 | 1370 |
| X497129 | | 4.08 | 13.30 | 0.18 | 0.3 | 0.370 | 2.99 | 13.1 | 13.5 | 1.39 | 958 | 1.16 | 2.32 | 6.7 | 33.7 | 1200 |
| X497130 | | 4.20 | 15.95 | 0.14 | 1.1 | 0.122 | 1.19 | 9.0 | 8.2 | 1.21 | 937 | 5.95 | 2.38 | 4.8 | 14.9 | 530 |
| X497131 | | 6.06 | 18.20 | 0.19 | 0.2 | 1.490 | 4.20 | 10.7 | 17.5 | 1.67 | 1060 | 0.78 | 1.40 | 6.0 | 38.7 | 1320 |
| X497132 | | 6.18 | 14.55 | 0.19 | 0.3 | 0.493 | 3.73 | 10.2 | 17.3 | 1.67 | 1060 | 1.27 | 2.17 | 8.7 | 29.5 | 1430 |
| X497133 | | 4.60 | 12.25 | 0.16 | 0.5 | 0.725 | 3.92 | 9.6 | 13.2 | 1.29 | 906 | 2.03 | 2.07 | 5.9 | 37.4 | 1410 |
| X497134 | | 4.68 | 13.75 | 0.16 | 0.7 | 1.335 | 3.31 | 14.9 | 11.5 | 1.35 | 985 | 2.19 | 2.10 | 6.6 | 56.4 | 1500 |
| X497135 | | 4.52 | 15.00 | 0.15 | 0.7 | 1.310 | 3.28 | 10.2 | 11.6 | 1.37 | 945 | 3.82 | 1.69 | 7.4 | 32.7 | 1450 |
| X497136 | | 4.76 | 15.40 | 0.20 | 0.8 | 1.430 | 4.01 | 12.8 | 16.8 | 1.44 | 1090 | 2.47 | 1.76 | 7.2 | 65.0 | 1650 |
| X497137 | | 7.63 | 14.05 | 0.15 | 0.3 | 0.439 | 3.83 | 6.0 | 18.9 | 1.73 | 1000 | 1.19 | 2.18 | 4.6 | 56.1 | 1380 |
| X497138 | | 6.71 | 13.95 | 0.17 | 0.4 | 0.396 | 3.09 | 8.5 | 15.6 | 1.75 | 1080 | 1.24 | 2.39 | 5.4 | 45.7 | 1400 |
| X497139 | | 7.44 | 14.65 | 0.16 | 0.2 | 0.294 | 2.85 | 7.6 | 19.1 | 2.28 | 789 | 1.09 | 0.82 | 3.7 | 46.1 | 1070 |
| X497140 | | 7.25 | 13.60 | 0.14 | 0.1 | 0.179 | 1.69 | 11.6 | 14.6 | 1.71 | 916 | 1.30 | 3.44 | 5.8 | 26.6 | 1360 |
| X497141 | | 7.43 | 16.25 | 0.11 | 0.1 | 0.198 | 1.90 | 5.8 | 18.1 | 1.92 | 896 | 1.06 | 3.29 | 4.1 | 27.0 | 1340 |
| X497142 | | 7.40 | 14.55 | 0.15 | 0.1 | 0.285 | 2.22 | 7.7 | 16.3 | 2.01 | 955 | 1.18 | 2.37 | 3.6 | 28.8 | 1240 |
| X497143 | | 8.24 | 14.20 | 0.13 | 0.1 | 0.281 | 2.38 | 4.9 | 14.7 | 2.07 | 925 | 1.37 | 2.37 | 2.5 | 26.8 | 1150 |
| X497144 | | 8.20 | 14.60 | 0.14 | 0.1 | 0.209 | 1.96 | 4.2 | 18.5 | 2.15 | 846 | 1.39 | 2.95 | 2.7 | 29.7 | 1280 |
| X497145 | | 6.20 | 12.00 | 0.14 | 0.2 | 0.233 | 2.46 | 7.8 | 14.2 | 1.70 | 689 | 1.33 | 2.76 | 4.6 | 34.7 | 990 |
| X497146 | | 7.35 | 13.35 | 0.14 | 0.2 | 0.229 | 1.93 | 6.9 | 18.7 | 2.09 | 622 | 1.25 | 2.83 | 4.1 | 24.2 | 1170 |
| X497147 | | 7.45 | 12.55 | 0.13 | 0.2 | 0.224 | 2.17 | 6.5 | 21.9 | 2.37 | 775 | 1.08 | 2.22 | 3.2 | 23.8 | 1080 |
| X497148 | | 4.56 | 9.13 | 0.12 | 0.4 | 0.039 | 1.44 | 5.7 | 11.2 | 5.76 | 1170 | 0.68 | 0.05 | 2.7 | 411 | 1180 |
| X497149 | | 5.03 | 10.85 | 0.11 | 0.6 | 0.032 | 0.52 | 7.9 | 19.1 | 4.90 | 1200 | 0.86 | 0.89 | 3.2 | 298 | 1310 |
| X497150 | | 10.00 | 14.75 | 0.15 | 1.6 | 1.500 | 1.32 | 17.4 | 17.8 | 1.02 | 977 | 43.0 | 0.95 | 4.7 | 31.0 | 660 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOD | 0.5 | 0.1 | 0.002 | 0.01 | 0.05 | 0.1 | 1 | 0.2 | 0.2 | 0.05 | 0.05 | 0.01 | 0.005 | 0.02 | 0.1 |
| X497111 | | 86.9 | 57.0 | 0.002 | 0.84 | 2.37 | 13.2 | 1 | 1.1 | 323 | 0.47 | 0.33 | 2.24 | 0.328 | 0.64 | 0.6 |
| X497112 | | 35.4 | 57.3 | 0.002 | 0.78 | 2.80 | 12.2 | 1 | 1.0 | 335 | 0.50 | 0.17 | 2.38 | 0.319 | 0.62 | 0.7 |
| X497113 | | 137.0 | 46.2 | 0.002 | 0.98 | 2.67 | 15.8 | 1 | 1.2 | 267 | 0.41 | 0.16 | 1.79 | 0.352 | 0.60 | 0.5 |
| X497114 | | 17.6 | 66.8 | <0.002 | 0.61 | 2.02 | 23.5 | 1 | 0.7 | 574 | 0.20 | 0.09 | 1.08 | 0.304 | 0.64 | 0.4 |
| X497115 | | 16.6 | 63.2 | <0.002 | 2.16 | 6.75 | 23.5 | 2 | 0.7 | 628 | 0.17 | 0.21 | 1.05 | 0.281 | 0.68 | 0.5 |
| X497116 | | 19.7 | 68.6 | 0.002 | 1.86 | 2.52 | 12.8 | 1 | 0.6 | 399 | 0.54 | 0.18 | 2.54 | 0.309 | 0.83 | 0.9 |
| X497117 | | 15.0 | 66.8 | 0.003 | 2.39 | 2.68 | 14.9 | 2 | 0.4 | 438 | 0.26 | 0.11 | 1.68 | 0.306 | 0.73 | 0.4 |
| X497118 | | 114.5 | 25.2 | <0.002 | 1.68 | 3.05 | 9.0 | 1 | 0.3 | 803 | 0.06 | 0.53 | 0.49 | 0.110 | 0.37 | 0.2 |
| X497119 | | 22.1 | 69.9 | <0.002 | 2.72 | 3.79 | 12.9 | 2 | 0.6 | 481 | 0.21 | 0.21 | 1.60 | 0.247 | 0.73 | 0.5 |
| X497120 | | 0.5 | 0.7 | <0.002 | 0.01 | 0.08 | 0.2 | 2 | <0.2 | 77.1 | <0.05 | <0.05 | 0.08 | 0.005 | <0.02 | 0.1 |
| X497121 | | 263 | 79.5 | <0.002 | 1.10 | 3.86 | 17.8 | 1 | 1.5 | 463 | 0.33 | 0.19 | 1.83 | 0.328 | 1.11 | 0.6 |
| X497122 | | 164.5 | 99.7 | 0.002 | 1.59 | 2.60 | 17.1 | 2 | 0.9 | 533 | 0.23 | 0.13 | 1.44 | 0.322 | 1.52 | 0.5 |
| X497123 | | 126.5 | 100.5 | 0.004 | 1.10 | 2.54 | 16.4 | 2 | 1.4 | 561 | 0.31 | 0.15 | 1.89 | 0.335 | 1.25 | 1.1 |
| X497124 | | 4.3 | 102.0 | 0.005 | 0.74 | 1.77 | 16.2 | 2 | 1.7 | 609 | 0.35 | 0.12 | 1.99 | 0.333 | 1.15 | 0.8 |
| X497125 | | 5.5 | 101.0 | <0.002 | 0.81 | 1.24 | 16.3 | 1 | 1.5 | 571 | 0.26 | 0.14 | 1.41 | 0.306 | 1.20 | 0.4 |
| X497126 | | 4.8 | 91.3 | 0.004 | 1.10 | 2.14 | 17.4 | 1 | 1.7 | 446 | 0.23 | 0.19 | 1.36 | 0.319 | 1.13 | 0.8 |
| X497127 | | 12.3 | 64.0 | 0.007 | 0.45 | 2.40 | 11.8 | 1 | 0.9 | 439 | 0.31 | 0.47 | 2.08 | 0.251 | 0.61 | 0.5 |
| X497128 | | 77.2 | 87.0 | 0.002 | 1.65 | 5.57 | 18.7 | 3 | 1.3 | 315 | 0.34 | 0.09 | 1.09 | 0.301 | 1.44 | 0.3 |
| X497129 | | 151.5 | 86.4 | 0.002 | 0.88 | 3.05 | 16.3 | 1 | 1.1 | 385 | 0.38 | 0.08 | 1.85 | 0.265 | 0.94 | 0.4 |
| X497130 | | 664 | 18.6 | 0.002 | 0.29 | 17.80 | 13.3 | 2 | 1.7 | 404 | 0.32 | 0.19 | 2.36 | 0.272 | 0.38 | 1.0 |
| X497131 | | 9.6 | 117.0 | <0.002 | 1.23 | 3.99 | 20.8 | 2 | 1.5 | 391 | 0.28 | <0.05 | 1.04 | 0.303 | 1.49 | 0.6 |
| X497132 | | 24.3 | 110.5 | 0.005 | 1.61 | 2.80 | 17.8 | 4 | 1.0 | 353 | 0.40 | 0.06 | 1.77 | 0.310 | 1.35 | 0.3 |
| X497133 | | 60.9 | 96.8 | 0.008 | 1.40 | 3.16 | 12.9 | 2 | 1.0 | 420 | 0.34 | 0.11 | 1.80 | 0.287 | 1.07 | 0.7 |
| X497134 | | 146.5 | 100.5 | 0.012 | 1.18 | 3.92 | 14.3 | 3 | 1.3 | 436 | 0.40 | 0.08 | 2.59 | 0.316 | 1.02 | 1.2 |
| X497135 | | 29.3 | 71.3 | 0.008 | 1.07 | 2.38 | 15.2 | 2 | 1.6 | 290 | 0.39 | 0.08 | 2.05 | 0.320 | 0.71 | 1.2 |
| X497136 | | 41.1 | 99.0 | 0.012 | 1.35 | 3.72 | 17.7 | 3 | 1.5 | 442 | 0.39 | 0.13 | 2.25 | 0.320 | 0.95 | 1.6 |
| X497137 | | 26.2 | 80.4 | 0.009 | 2.61 | 3.16 | 16.3 | 3 | 0.8 | 305 | 0.27 | 0.08 | 1.16 | 0.296 | 1.23 | 0.6 |
| X497138 | | 31.1 | 84.4 | 0.006 | 1.76 | 3.86 | 16.3 | 3 | 0.8 | 328 | 0.30 | 0.13 | 1.48 | 0.327 | 1.08 | 0.7 |
| X497139 | | 304 | 69.7 | 0.004 | 2.22 | 5.80 | 17.8 | 2 | 1.4 | 1435 | 0.20 | 0.59 | 0.98 | 0.296 | 0.92 | 0.5 |
| X497140 | | 19.9 | 42.0 | <0.002 | 2.27 | 2.64 | 18.8 | 1 | 0.7 | 300 | 0.34 | 0.11 | 1.40 | 0.331 | 0.61 | 0.4 |
| X497141 | | 162.0 | 44.0 | <0.002 | 1.65 | 2.92 | 20.1 | 1 | 0.6 | 256 | 0.24 | 0.19 | 0.90 | 0.370 | 1.22 | 0.3 |
| X497142 | | 467 | 47.3 | 0.002 | 2.12 | 5.71 | 17.9 | 2 | 0.6 | 431 | 0.22 | 0.26 | 0.84 | 0.310 | 0.85 | 0.4 |
| X497143 | | 76.6 | 47.5 | 0.003 | 2.42 | 2.04 | 17.0 | 2 | 0.7 | 457 | 0.15 | 1.02 | 0.60 | 0.273 | 0.69 | 0.2 |
| X497144 | | 26.5 | 47.2 | <0.002 | 1.75 | 1.98 | 19.2 | 1 | 0.6 | 245 | 0.17 | 0.52 | 0.72 | 0.278 | 0.62 | 0.2 |
| X497145 | | 34.6 | 57.4 | 0.002 | 2.69 | 3.44 | 14.0 | 1 | 0.7 | 368 | 0.30 | 0.23 | 1.42 | 0.260 | 0.57 | 0.3 |
| X497146 | | 9.5 | 39.7 | 0.003 | 1.91 | 1.98 | 17.1 | 1 | 0.8 | 319 | 0.24 | 0.12 | 1.04 | 0.327 | 0.49 | 0.4 |
| X497147 | | 15.0 | 54.3 | 0.002 | 1.77 | 2.71 | 16.6 | 1 | 0.6 | 362 | 0.19 | 0.10 | 1.04 | 0.246 | 0.49 | 0.4 |
| X497148 | | 11.7 | 73.9 | 0.002 | 0.24 | 9.09 | 20.1 | 1 | 1.9 | 1540 | 0.17 | <0.05 | 0.87 | 0.241 | 0.32 | 0.4 |
| X497149 | | 8.4 | 21.2 | 0.002 | 0.44 | 2.88 | 18.8 | 1 | 0.7 | 480 | 0.20 | <0.05 | 1.39 | 0.292 | 0.52 | 0.5 |
| X497150 | | 296 | 54.9 | 0.010 | 2.58 | 10.20 | 10.0 | 2 | 10.4 | 328 | 0.28 | 8.86 | 4.53 | 0.207 | 1.30 | 9.0 |

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

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 | Ag-OG62<br>Ag<br>ppm<br>1 | Zn-OG62<br>Zn<br>%<br>0.001 |
|---|---|---|---|---|---|---|---|---|
| X497111 | | 156 | 4.8 | 7.9 | 503 | 16.0 | | |
| X497112 | | 153 | 4.0 | 8.5 | 167 | 15.0 | | |
| X497113 | | 181 | 4.3 | 7.7 | 589 | 12.5 | | |
| X497114 | | 169 | 2.0 | 10.4 | 132 | 11.4 | | |
| X497115 | | 159 | 2.0 | 10.1 | 124 | 12.0 | | |
| X497116 | | 162 | 3.1 | 9.1 | 64 | 14.4 | | |
| X497117 | | 149 | 2.8 | 10.0 | 97 | 8.7 | | |
| X497118 | | 67 | 1.2 | 7.2 | 326 | 5.2 | | |
| X497119 | | 133 | 2.6 | 9.4 | 98 | 11.6 | | |
| X497120 | | 1 | <0.1 | 1.9 | 5 | 1.3 | | |
| X497121 | | 184 | 4.3 | 9.4 | 1050 | 13.1 | | |
| X497122 | | 180 | 3.6 | 9.5 | 849 | 5.9 | | |
| X497123 | | 199 | 3.1 | 10.5 | 578 | 14.1 | | |
| X497124 | | 198 | 2.8 | 9.9 | 52 | 11.3 | | |
| X497125 | | 175 | 3.3 | 8.0 | 73 | 5.5 | | |
| X497126 | | 196 | 3.5 | 9.2 | 65 | 8.1 | | |
| X497127 | | 138 | 4.2 | 10.0 | 70 | 10.9 | | |
| X497128 | | 196 | 7.2 | 7.1 | 591 | 6.0 | | |
| X497129 | | 145 | 6.8 | 9.6 | 985 | 8.9 | | |
| X497130 | | 106 | 4.1 | 16.6 | 1100 | 28.1 | | |
| X497131 | | 196 | 6.2 | 8.0 | 66 | 8.0 | | |
| X497132 | | 199 | 5.7 | 7.4 | 451 | 8.3 | | |
| X497133 | | 173 | 4.1 | 8.1 | 163 | 14.1 | | |
| X497134 | | 177 | 3.8 | 11.6 | 1290 | 22.9 | | |
| X497135 | | 198 | 5.2 | 10.2 | 67 | 21.3 | | |
| X497136 | | 246 | 5.0 | 12.6 | 60 | 24.5 | | |
| X497137 | | 201 | 5.3 | 6.3 | 70 | 10.7 | | |
| X497138 | | 195 | 5.4 | 7.2 | 195 | 10.9 | | |
| X497139 | | 180 | 10.0 | 4.5 | 1760 | 5.5 | | |
| X497140 | | 183 | 7.5 | 5.9 | 67 | 4.8 | | |
| X497141 | | 201 | 6.6 | 4.6 | 694 | 4.0 | | |
| X497142 | | 184 | 6.9 | 4.9 | 2310 | 4.4 | | |
| X497143 | | 186 | 6.9 | 4.2 | 522 | 2.3 | | |
| X497144 | | 191 | 5.5 | 4.6 | 154 | 1.6 | | |
| X497145 | | 145 | 9.3 | 6.0 | 86 | 6.6 | | |
| X497146 | | 191 | 10.3 | 5.7 | 66 | 5.3 | | |
| X497147 | | 154 | 8.3 | 6.5 | 54 | 6.1 | | |
| X497148 | | 134 | 0.8 | 9.0 | 72 | 14.0 | | |
| X497149 | | 151 | 1.4 | 11.5 | 105 | 24.7 | | |
| X497150 | | 83 | 17.3 | 11.0 | 869 | 54.2 | | |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method / Analyte / Units / LOD | WEI-21 Recvd Wt. kg 0.02 | Au-AA26 Au ppm 0.01 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497151 | | 3.91 | <0.01 | 0.30 | 7.56 | 12.9 | 710 | 1.18 | 0.08 | 4.28 | 0.55 | 18.20 | 19.4 | 65 | 1.44 | 90.2 |
| X497152 | | 4.10 | <0.01 | 0.31 | 7.43 | 5.4 | 910 | 1.26 | 0.09 | 4.41 | 0.34 | 19.00 | 18.4 | 53 | 1.67 | 100.0 |
| X497153 | | 2.54 | <0.01 | 0.31 | 7.90 | 5.2 | 850 | 1.44 | 0.07 | 4.95 | 0.30 | 23.4 | 23.0 | 54 | 1.38 | 115.5 |
| X497154 | | 3.35 | <0.01 | 0.62 | 5.31 | 81.1 | 370 | 1.40 | 0.27 | 7.83 | 2.06 | 13.70 | 32.0 | 392 | 1.50 | 78.0 |
| X497155 | | 2.52 | <0.01 | 0.36 | 6.21 | 47.7 | 630 | 1.62 | 0.09 | 6.86 | 6.21 | 19.80 | 32.0 | 379 | 1.79 | 105.5 |
| X497156 | | 2.31 | <0.01 | 0.28 | 4.41 | 78.4 | 220 | 1.13 | 0.05 | 9.84 | 0.42 | 11.45 | 37.7 | 572 | 1.24 | 62.5 |
| X497157 | | 2.29 | <0.01 | 0.17 | 5.13 | 133.0 | 210 | 1.41 | 0.02 | 7.07 | 0.16 | 11.85 | 47.8 | 743 | 1.53 | 48.5 |
| X497158 | | 2.88 | <0.01 | 0.27 | 7.41 | 10.3 | 960 | 1.36 | 0.06 | 5.47 | 0.31 | 24.3 | 20.9 | 72 | 1.49 | 101.0 |
| X497159 | | 3.97 | <0.01 | 0.35 | 7.86 | 16.7 | 900 | 1.50 | 0.11 | 4.05 | 0.31 | 21.7 | 20.0 | 49 | 1.90 | 107.0 |
| X497160 | | 1.00 | <0.01 | <0.01 | 0.09 | <0.2 | 20 | 0.05 | 0.01 | 33.4 | 0.02 | 1.05 | 0.9 | 2 | <0.05 | 1.9 |
| X497161 | | 4.00 | <0.01 | 0.22 | 7.43 | 12.3 | 690 | 1.17 | 0.05 | 5.82 | 0.34 | 18.80 | 18.0 | 76 | 1.46 | 66.2 |
| X497162 | | 4.08 | <0.01 | 0.24 | 8.25 | 14.8 | 860 | 1.29 | 0.07 | 6.52 | 0.27 | 21.4 | 21.1 | 96 | 1.74 | 84.2 |
| X497163 | | 2.45 | <0.01 | 0.35 | 7.43 | 4.4 | 800 | 1.23 | 0.08 | 4.40 | 0.24 | 20.0 | 19.3 | 40 | 1.68 | 102.0 |
| X497164 | | 1.56 | 0.01 | 0.25 | 7.84 | 1.6 | 1080 | 1.28 | 0.05 | 5.61 | 0.31 | 19.10 | 15.6 | 84 | 1.60 | 61.3 |
| X497165 | | 2.15 | <0.01 | 0.31 | 5.28 | 31.0 | 1160 | 1.45 | 0.07 | 8.75 | 0.21 | 12.40 | 34.1 | 579 | 2.11 | 79.2 |
| X497166 | | 4.07 | 0.01 | 0.62 | 6.55 | 18.9 | 1830 | 1.81 | 0.14 | 7.89 | 0.31 | 24.1 | 28.9 | 445 | 2.19 | 81.5 |
| X497167 | | 4.24 | <0.01 | 0.75 | 5.71 | 15.4 | 1320 | 1.93 | 0.53 | 8.12 | 0.63 | 17.15 | 41.1 | 662 | 2.36 | 92.0 |
| X497168 | | 3.99 | <0.01 | 0.25 | 5.95 | 11.4 | 940 | 1.57 | 0.05 | 8.11 | 0.08 | 14.55 | 38.7 | 551 | 2.13 | 87.1 |
| X497169 | | 3.53 | <0.01 | 0.17 | 5.57 | 11.3 | 870 | 1.67 | 0.06 | 8.57 | 0.08 | 12.25 | 36.5 | 521 | 2.08 | 71.6 |
| X497170 | | 0.13 | 1.78 | 42.4 | 7.65 | 108.5 | 910 | 0.78 | 1.57 | 3.98 | 6.49 | 23.2 | 14.0 | 28 | 0.74 | 229 |
| X497171 | | 2.68 | <0.01 | 0.45 | 5.36 | 22.8 | 1190 | 1.38 | 0.09 | 8.45 | 0.96 | 12.60 | 33.5 | 493 | 2.29 | 65.5 |
| X497172 | | 4.08 | <0.01 | 0.24 | 5.60 | 29.1 | 910 | 1.61 | 0.06 | 8.22 | 0.09 | 13.05 | 33.1 | 531 | 1.79 | 71.0 |
| X497173 | | 4.05 | <0.01 | 0.30 | 6.06 | 40.4 | 1180 | 1.70 | 0.08 | 7.43 | 0.10 | 13.85 | 36.0 | 533 | 2.32 | 70.9 |
| X497174 | | 2.45 | 0.01 | 0.23 | 5.84 | 35.6 | 1090 | 1.79 | 0.03 | 7.56 | 0.07 | 12.95 | 35.3 | 492 | 1.99 | 47.0 |
| X497175 | | 2.81 | <0.01 | 0.46 | 5.81 | 35.2 | 850 | 1.16 | 0.05 | 7.56 | 0.05 | 13.95 | 39.8 | 595 | 2.21 | 122.0 |
| X497176 | | 4.00 | <0.01 | 0.33 | 5.99 | 43.9 | 1340 | 1.75 | 0.08 | 8.23 | 0.10 | 13.75 | 39.0 | 552 | 2.01 | 101.0 |
| X497177 | | 4.02 | <0.01 | 0.28 | 5.73 | 21.7 | 1550 | 1.93 | 0.04 | 8.57 | 0.35 | 13.70 | 35.8 | 544 | 2.55 | 101.0 |
| X497178 | | 3.99 | <0.01 | 0.17 | 5.87 | 20.3 | 1320 | 1.93 | 0.06 | 8.34 | 0.10 | 13.35 | 37.1 | 566 | 2.26 | 57.2 |
| X497179 | | 3.84 | <0.01 | 0.24 | 5.47 | 20.2 | 990 | 1.45 | 0.07 | 9.39 | 0.10 | 11.80 | 36.2 | 504 | 1.82 | 74.8 |
| X497180 | | 3.80 | <0.01 | 0.33 | 5.83 | 15.7 | 900 | 1.45 | 0.03 | 9.50 | 0.14 | 14.30 | 34.8 | 598 | 2.23 | 105.5 |
| X497181 | | 4.08 | <0.01 | 0.43 | 6.37 | 30.9 | 1190 | 1.69 | 0.10 | 8.57 | 1.42 | 13.75 | 37.0 | 562 | 2.35 | 86.6 |
| X497182 | | 4.08 | 0.01 | 0.30 | 5.96 | 29.1 | 1120 | 1.38 | 0.06 | 7.45 | 0.11 | 12.55 | 25.3 | 490 | 1.67 | 83.2 |
| X497183 | | 3.90 | <0.01 | 0.22 | 5.69 | 36.9 | 1610 | 1.77 | 0.07 | 7.36 | 0.08 | 12.15 | 33.2 | 515 | 2.09 | 71.3 |
| X497184 | | 1.25 | 0.04 | 9.50 | 4.95 | 51.8 | 270 | 1.70 | 0.99 | 10.25 | 127.0 | 14.65 | 46.6 | 475 | 1.71 | 394 |
| X497185 | | 3.80 | <0.01 | 0.37 | 5.04 | 14.9 | 380 | 1.33 | 0.02 | 9.15 | 0.33 | 13.90 | 46.9 | 685 | 1.74 | 113.0 |
| X497186 | | 3.69 | <0.01 | 0.18 | 5.09 | 9.0 | 320 | 1.34 | 0.02 | 8.60 | 0.15 | 12.70 | 46.6 | 677 | 2.10 | 60.4 |
| X497187 | | 3.72 | <0.01 | 0.41 | 5.09 | 15.3 | 330 | 1.59 | 0.03 | 9.90 | 0.16 | 13.80 | 49.8 | 689 | 2.71 | 101.5 |
| X497188 | | 4.64 | 0.01 | 0.39 | 5.89 | 12.9 | 1090 | 1.84 | 0.10 | 8.44 | 0.09 | 13.85 | 36.3 | 581 | 2.80 | 97.6 |
| X497189 | | 3.23 | 0.01 | 0.32 | 5.87 | 17.4 | 1400 | 1.77 | 0.06 | 7.26 | 0.06 | 14.60 | 36.7 | 590 | 2.50 | 80.8 |
| X497190 | | 0.21 | 23.7 | 3.30 | 6.82 | 35.9 | 280 | 1.35 | 0.50 | 1.21 | 0.03 | 16.55 | 9.7 | 32 | 13.85 | 61.9 |

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 Fe % 0.01 | ME- MS61 Ga ppm 0.05 | ME- MS61 Ge ppm 0.05 | ME- MS61 Hf ppm 0.1 | ME- MS61 In ppm 0.005 | ME- MS61 K % 0.01 | ME- MS61 La ppm 0.5 | ME- MS61 Li ppm 0.2 | ME- MS61 Mg % 0.01 | ME- MS61 Mn ppm 5 | ME- MS61 Mo ppm 0.05 | ME- MS61 Na % 0.01 | ME- MS61 Nb ppm 0.1 | ME- MS61 Ni ppm 0.2 | ME- MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497151 | | 5.14 | 16.80 | 0.13 | 0.1 | 0.051 | 1.61 | 8.7 | 22.6 | 2.33 | 1170 | 1.43 | 2.02 | 3.7 | 33.9 | 1440 |
| X497152 | | 4.87 | 16.65 | 0.14 | 0.2 | 0.060 | 1.71 | 9.0 | 15.7 | 2.06 | 1010 | 1.37 | 2.70 | 3.8 | 28.1 | 1430 |
| X497153 | | 5.36 | 18.25 | 0.16 | 0.3 | 0.063 | 1.06 | 11.5 | 16.7 | 2.31 | 1170 | 1.44 | 3.78 | 4.3 | 39.7 | 1500 |
| X497154 | | 4.04 | 9.98 | 0.09 | 0.9 | 0.031 | 0.57 | 7.0 | 16.6 | 4.34 | 1340 | 1.13 | 1.50 | 3.0 | 323 | 1170 |
| X497155 | | 5.05 | 13.25 | 0.12 | 0.6 | 0.060 | 0.79 | 9.6 | 14.5 | 4.13 | 1360 | 0.99 | 2.15 | 3.4 | 213 | 1450 |
| X497156 | | 4.76 | 8.76 | 0.09 | 0.4 | 0.034 | 0.39 | 5.6 | 17.6 | 6.17 | 1820 | 0.73 | 0.17 | 2.3 | 367 | 1120 |
| X497157 | | 5.25 | 11.05 | 0.11 | 0.7 | 0.037 | 0.54 | 5.7 | 22.4 | 6.75 | 1520 | 0.65 | 0.10 | 2.8 | 431 | 1320 |
| X497158 | | 5.00 | 15.60 | 0.15 | 0.6 | 0.048 | 1.50 | 12.4 | 18.6 | 2.43 | 1170 | 1.52 | 2.38 | 3.8 | 43.8 | 1400 |
| X497159 | | 5.23 | 18.30 | 0.14 | 0.2 | 0.086 | 2.25 | 10.4 | 17.0 | 2.11 | 987 | 1.64 | 2.43 | 4.4 | 31.1 | 1600 |
| X497160 | | 0.12 | 0.26 | 0.09 | <0.1 | <0.005 | 0.02 | 1.2 | 1.2 | 1.50 | 107 | 0.13 | 0.03 | 0.1 | <0.2 | 60 |
| X497161 | | 4.65 | 15.95 | 0.10 | 0.3 | 0.059 | 1.94 | 9.4 | 15.8 | 2.06 | 1200 | 0.66 | 2.06 | 3.4 | 29.9 | 1210 |
| X497162 | | 5.29 | 17.50 | 0.15 | 0.2 | 0.057 | 2.44 | 10.5 | 16.4 | 2.29 | 1340 | 0.70 | 2.31 | 3.6 | 39.1 | 1320 |
| X497163 | | 4.96 | 17.10 | 0.14 | 0.2 | 0.072 | 2.10 | 9.7 | 14.7 | 1.96 | 1040 | 1.23 | 2.47 | 4.1 | 26.3 | 1510 |
| X497164 | | 5.12 | 14.90 | 0.11 | 0.3 | 0.049 | 1.97 | 9.4 | 13.1 | 2.28 | 1200 | 1.00 | 3.16 | 2.9 | 29.4 | 1260 |
| X497165 | | 4.90 | 9.63 | 0.06 | 0.4 | 0.030 | 1.87 | 6.4 | 18.2 | 4.13 | 1800 | 1.14 | 0.75 | 3.2 | 306 | 1500 |
| X497166 | | 5.21 | 11.85 | 0.10 | 0.8 | 0.041 | 2.71 | 11.9 | 16.4 | 3.04 | 1680 | 2.37 | 1.51 | 4.9 | 240 | 1490 |
| X497167 | | 5.50 | 11.85 | 0.08 | 0.6 | 0.058 | 2.89 | 8.6 | 21.0 | 3.76 | 2010 | 1.34 | 0.55 | 4.1 | 308 | 1590 |
| X497168 | | 5.40 | 11.10 | 0.06 | 0.6 | 0.039 | 2.19 | 7.2 | 24.3 | 5.05 | 1400 | 1.18 | 0.84 | 4.4 | 338 | 1590 |
| X497169 | | 5.11 | 9.41 | 0.05 | 0.6 | 0.030 | 1.81 | 6.2 | 20.7 | 4.60 | 1320 | 0.85 | 1.08 | 3.8 | 277 | 1450 |
| X497170 | | 4.55 | 15.65 | 0.13 | 1.1 | 0.126 | 1.34 | 10.1 | 8.2 | 1.32 | 1020 | 5.55 | 2.60 | 4.3 | 14.2 | 560 |
| X497171 | | 5.21 | 9.88 | 0.07 | 0.6 | 0.026 | 1.96 | 6.4 | 20.6 | 4.91 | 1560 | 2.03 | 0.76 | 3.4 | 264 | 1510 |
| X497172 | | 5.27 | 10.75 | 0.05 | 0.7 | 0.033 | 1.72 | 6.6 | 21.3 | 4.93 | 1500 | 2.23 | 0.95 | 3.5 | 258 | 1420 |
| X497173 | | 5.39 | 11.15 | 0.08 | 0.8 | 0.033 | 2.17 | 7.1 | 22.1 | 4.51 | 1320 | 1.55 | 1.39 | 4.4 | 259 | 1610 |
| X497174 | | 5.28 | 10.70 | 0.07 | 0.6 | 0.030 | 1.87 | 6.3 | 24.1 | 5.21 | 1350 | 0.26 | 0.98 | 3.2 | 299 | 1590 |
| X497175 | | 5.75 | 11.70 | 0.06 | 0.4 | 0.043 | 1.91 | 7.0 | 24.1 | 5.53 | 1440 | 0.29 | 0.87 | 4.3 | 357 | 1750 |
| X497176 | | 5.33 | 11.65 | 0.05 | 0.5 | 0.031 | 2.20 | 7.0 | 20.9 | 4.40 | 1510 | 1.28 | 1.34 | 4.5 | 290 | 1650 |
| X497177 | | 5.24 | 10.65 | 0.07 | 0.4 | 0.034 | 2.46 | 6.9 | 18.5 | 4.35 | 1720 | 1.25 | 0.91 | 4.0 | 283 | 1620 |
| X497178 | | 5.30 | 10.70 | 0.06 | 0.4 | 0.029 | 2.28 | 6.7 | 21.3 | 4.72 | 1400 | 1.32 | 0.88 | 4.1 | 297 | 1660 |
| X497179 | | 5.08 | 9.79 | <0.05 | 0.5 | 0.028 | 2.28 | 5.8 | 20.7 | 4.69 | 1570 | 1.55 | 0.59 | 3.5 | 266 | 1470 |
| X497180 | | 5.22 | 10.95 | 0.06 | 0.5 | 0.037 | 2.22 | 7.1 | 19.5 | 4.65 | 1580 | 0.57 | 1.09 | 4.4 | 306 | 1680 |
| X497181 | | 5.33 | 10.80 | 0.06 | 0.5 | 0.031 | 2.48 | 7.1 | 16.4 | 4.06 | 1520 | 1.91 | 1.70 | 4.3 | 280 | 1640 |
| X497182 | | 4.48 | 10.05 | 0.05 | 0.6 | 0.032 | 2.15 | 6.4 | 15.7 | 3.67 | 1580 | 1.41 | 1.69 | 4.4 | 229 | 1440 |
| X497183 | | 5.53 | 10.35 | 0.07 | 0.4 | 0.027 | 2.85 | 6.0 | 17.5 | 3.87 | 1820 | 3.85 | 0.55 | 3.8 | 257 | 1530 |
| X497184 | | 6.12 | 9.90 | 0.06 | 0.3 | 0.607 | 2.19 | 7.4 | 15.2 | 3.62 | 2530 | 2.40 | 0.59 | 3.1 | 217 | 1420 |
| X497185 | | 5.72 | 9.58 | <0.05 | 0.2 | 0.040 | 1.13 | 6.9 | 15.2 | 6.07 | 1690 | 0.48 | 0.30 | 3.2 | 455 | 1790 |
| X497186 | | 5.94 | 10.10 | 0.06 | 0.6 | 0.030 | 1.14 | 6.1 | 15.8 | 6.47 | 1570 | 0.32 | 0.14 | 3.1 | 492 | 1750 |
| X497187 | | 5.90 | 9.95 | 0.05 | 0.3 | 0.035 | 1.37 | 6.8 | 19.6 | 5.92 | 1650 | 2.32 | 0.47 | 2.7 | 478 | 1810 |
| X497188 | | 5.23 | 11.05 | 0.05 | 0.5 | 0.039 | 1.94 | 7.0 | 17.3 | 4.96 | 1460 | 1.53 | 1.32 | 3.4 | 315 | 1630 |
| X497189 | | 5.42 | 10.60 | 0.06 | 0.5 | 0.038 | 2.37 | 7.4 | 13.2 | 4.64 | 1300 | 1.70 | 1.31 | 3.8 | 300 | 1660 |
| X497190 | | 4.65 | 20.7 | 0.11 | 2.6 | 0.034 | 3.52 | 3.7 | 70.4 | 0.65 | 375 | 2290 | 0.69 | 2.0 | 21.3 | 280 |

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description / Method / Analyte / Units / LOD | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.01 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497151 | 12.4 | 36.3 | <0.002 | 0.30 | 1.22 | 16.0 | 2 | 0.8 | 280 | 0.22 | 0.05 | 1.17 | 0.419 | 0.36 | 0.3 |
| X497152 | 9.1 | 42.8 | 0.003 | 0.43 | 0.97 | 15.8 | 2 | 0.8 | 358 | 0.22 | 0.05 | 1.33 | 0.406 | 0.33 | 0.3 |
| X497153 | 7.8 | 30.4 | 0.002 | 0.43 | 0.61 | 17.4 | 1 | 0.8 | 464 | 0.24 | 0.06 | 1.56 | 0.437 | 0.23 | 0.4 |
| X497154 | 54.1 | 20.1 | <0.002 | 0.20 | 2.48 | 14.9 | 1 | 0.5 | 684 | 0.20 | <0.05 | 1.32 | 0.204 | 0.32 | 0.6 |
| X497155 | 15.2 | 26.1 | <0.002 | 0.58 | 1.46 | 20.1 | 1 | 0.7 | 675 | 0.20 | <0.05 | 1.66 | 0.348 | 0.33 | 0.8 |
| X497156 | 15.1 | 14.5 | <0.002 | 0.18 | 1.47 | 19.9 | 1 | 0.4 | 746 | 0.13 | <0.05 | 1.00 | 0.197 | 0.22 | 0.5 |
| X497157 | 6.8 | 20.0 | <0.002 | 0.13 | 2.68 | 25.6 | <1 | 0.6 | 534 | 0.16 | <0.05 | 1.19 | 0.240 | 0.32 | 0.6 |
| X497158 | 8.0 | 41.3 | 0.003 | 0.80 | 2.73 | 16.8 | 2 | 0.8 | 454 | 0.23 | <0.05 | 1.71 | 0.405 | 0.41 | 0.5 |
| X497159 | 9.0 | 53.2 | 0.003 | 0.52 | 2.40 | 16.4 | 2 | 1.0 | 368 | 0.27 | 0.09 | 1.58 | 0.429 | 0.50 | 0.3 |
| X497160 | 1.0 | 0.5 | <0.002 | <0.01 | 0.10 | 0.3 | 1 | <0.2 | 81.8 | <0.05 | <0.05 | 0.06 | 0.006 | <0.02 | 0.2 |
| X497161 | 11.1 | 57.3 | <0.002 | 0.28 | 2.32 | 19.0 | 1 | 0.8 | 423 | 0.21 | <0.05 | 1.34 | 0.416 | 0.41 | 0.3 |
| X497162 | 10.0 | 72.3 | 0.003 | 0.32 | 1.72 | 22.2 | 2 | 0.8 | 465 | 0.21 | <0.05 | 1.29 | 0.481 | 0.46 | 0.3 |
| X497163 | 7.5 | 47.9 | 0.005 | 0.49 | 1.65 | 15.1 | 2 | 0.9 | 384 | 0.23 | 0.06 | 1.48 | 0.409 | 0.35 | 0.3 |
| X497164 | 9.2 | 47.2 | 0.002 | 0.47 | 0.84 | 16.7 | 1 | 0.7 | 562 | 0.18 | 0.05 | 1.33 | 0.442 | 0.35 | 0.4 |
| X497165 | 18.2 | 40.8 | 0.003 | 0.69 | 2.81 | 19.4 | 1 | 0.7 | 665 | 0.18 | 0.07 | 1.13 | 0.266 | 0.38 | 0.6 |
| X497166 | 108.5 | 51.0 | 0.004 | 1.01 | 2.03 | 17.6 | <1 | 0.8 | 671 | 0.26 | 0.12 | 2.70 | 0.303 | 0.45 | 1.4 |
| X497167 | 164.0 | 56.6 | 0.002 | 0.71 | 3.23 | 22.7 | 1 | 1.1 | 482 | 0.24 | 0.11 | 1.28 | 0.320 | 0.45 | 1.0 |
| X497168 | 11.2 | 44.8 | 0.002 | 0.52 | 1.61 | 21.7 | 1 | 0.7 | 541 | 0.25 | <0.05 | 1.36 | 0.301 | 0.38 | 0.8 |
| X497169 | 11.8 | 37.5 | 0.003 | 0.83 | 1.82 | 18.4 | 1 | 0.6 | 671 | 0.20 | 0.09 | 1.35 | 0.278 | 0.31 | 0.9 |
| X497170 | 717 | 20.6 | 0.003 | 0.31 | 17.90 | 12.9 | 2 | 1.7 | 428 | 0.28 | 0.23 | 2.48 | 0.295 | 0.44 | 1.1 |
| X497171 | 115.5 | 44.5 | <0.002 | 1.08 | 1.86 | 19.7 | 1 | 0.6 | 668 | 0.19 | 0.13 | 1.28 | 0.271 | 0.30 | 1.0 |
| X497172 | 13.4 | 36.7 | 0.002 | 1.33 | 2.30 | 19.3 | 2 | 0.5 | 616 | 0.19 | 0.13 | 1.33 | 0.250 | 0.29 | 1.0 |
| X497173 | 14.7 | 47.8 | 0.002 | 1.77 | 2.32 | 20.8 | 1 | 0.6 | 694 | 0.24 | 0.15 | 1.47 | 0.286 | 0.34 | 1.0 |
| X497174 | 11.7 | 37.4 | <0.002 | 1.40 | 1.85 | 19.3 | <1 | 0.6 | 658 | 0.17 | 0.07 | 1.29 | 0.277 | 0.26 | 0.6 |
| X497175 | 11.3 | 41.9 | <0.002 | 1.47 | 1.96 | 23.2 | 1 | 0.5 | 575 | 0.22 | 0.05 | 1.33 | 0.306 | 0.35 | 0.6 |
| X497176 | 16.0 | 43.8 | <0.002 | 1.78 | 2.13 | 21.0 | 1 | 0.6 | 742 | 0.23 | 0.17 | 1.42 | 0.298 | 0.37 | 0.8 |
| X497177 | 24.4 | 55.2 | <0.002 | 1.08 | 1.86 | 20.9 | 1 | 0.6 | 754 | 0.22 | 0.12 | 1.39 | 0.292 | 0.41 | 0.8 |
| X497178 | 15.2 | 49.1 | 0.003 | 0.96 | 1.90 | 23.4 | 1 | 0.5 | 735 | 0.23 | 0.11 | 1.31 | 0.309 | 0.39 | 0.7 |
| X497179 | 16.1 | 43.3 | 0.003 | 0.94 | 1.75 | 18.9 | 1 | 0.5 | 799 | 0.19 | 0.14 | 1.18 | 0.276 | 0.33 | 0.7 |
| X497180 | 15.7 | 47.0 | 0.002 | 0.77 | 1.89 | 21.5 | 1 | 0.6 | 811 | 0.23 | 0.08 | 1.47 | 0.309 | 0.34 | 0.8 |
| X497181 | 38.9 | 50.0 | 0.002 | 1.52 | 2.22 | 22.0 | 2 | 0.6 | 822 | 0.24 | 0.16 | 1.45 | 0.305 | 0.37 | 0.9 |
| X497182 | 15.9 | 37.9 | 0.002 | 1.15 | 2.17 | 17.4 | <1 | 0.5 | 740 | 0.25 | 0.09 | 1.46 | 0.270 | 0.28 | 0.9 |
| X497183 | 21.5 | 47.7 | 0.002 | 1.60 | 4.46 | 20.3 | 1 | 0.6 | 635 | 0.21 | 0.10 | 1.23 | 0.288 | 0.43 | 0.8 |
| X497184 | 5860 | 38.7 | <0.002 | 3.30 | 17.55 | 18.6 | 3 | 0.5 | 751 | 0.17 | 0.52 | 0.97 | 0.255 | 0.36 | 0.6 |
| X497185 | 24.8 | 29.9 | <0.002 | 0.48 | 3.62 | 24.1 | 1 | 0.5 | 671 | 0.17 | <0.05 | 1.15 | 0.277 | 0.29 | 0.5 |
| X497186 | 15.8 | 33.2 | <0.002 | 0.29 | 4.67 | 24.6 | <1 | 0.5 | 712 | 0.15 | <0.05 | 1.11 | 0.269 | 0.28 | 0.5 |
| X497187 | 11.4 | 44.3 | <0.002 | 0.76 | 1.93 | 26.3 | <1 | 0.5 | 908 | 0.14 | <0.05 | 1.16 | 0.264 | 0.32 | 0.6 |
| X497188 | 10.6 | 58.4 | 0.002 | 0.60 | 2.10 | 22.3 | 1 | 0.6 | 844 | 0.18 | 0.08 | 1.36 | 0.275 | 0.42 | 0.8 |
| X497189 | 9.1 | 77.7 | <0.002 | 0.42 | 1.57 | 24.7 | <1 | 0.7 | 736 | 0.21 | 0.06 | 1.47 | 0.285 | 0.56 | 0.7 |
| X497190 | 27.0 | 72.3 | 0.161 | 3.59 | 80.2 | 5.2 | 4 | 4.3 | 289 | 0.12 | 1.97 | 1.33 | 0.195 | 18.25 | 0.6 |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description / Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 | Ag- OG62 Ag ppm 1 | Zn- OG62 Zn % 0.001 |
|---|---|---|---|---|---|---|---|
| X497151 | 187 | 2.2 | 11.6 | 142 | 5.9 | | |
| X497152 | 172 | 0.7 | 12.3 | 112 | 6.9 | | |
| X497153 | 188 | 0.8 | 15.0 | 114 | 9.0 | | |
| X497154 | 119 | 0.8 | 9.6 | 305 | 18.3 | | |
| X497155 | 176 | 0.8 | 13.4 | 609 | 17.8 | | |
| X497156 | 134 | 0.5 | 9.5 | 79 | 16.2 | | |
| X497157 | 159 | 0.6 | 11.0 | 76 | 17.8 | | |
| X497158 | 172 | 2.0 | 16.0 | 103 | 16.4 | | |
| X497159 | 182 | 0.8 | 13.3 | 120 | 6.8 | | |
| X497160 | 2 | <0.1 | 2.2 | 4 | 1.5 | | |
| X497161 | 183 | 1.3 | 13.0 | 108 | 8.6 | | |
| X497162 | 213 | 0.6 | 14.5 | 90 | 8.4 | | |
| X497163 | 173 | 0.6 | 12.0 | 102 | 7.9 | | |
| X497164 | 192 | 1.0 | 11.4 | 111 | 7.3 | | |
| X497165 | 158 | 1.3 | 9.6 | 97 | 10.6 | | |
| X497166 | 158 | 1.7 | 12.8 | 108 | 32.0 | | |
| X497167 | 178 | 1.5 | 11.7 | 138 | 18.8 | | |
| X497168 | 172 | 1.1 | 10.9 | 67 | 23.2 | | |
| X497169 | 155 | 1.0 | 9.5 | 63 | 19.7 | | |
| X497170 | 114 | 6.9 | 17.0 | 1160 | 26.7 | | |
| X497171 | 162 | 1.3 | 10.1 | 197 | 14.5 | | |
| X497172 | 161 | 1.2 | 10.4 | 66 | 26.3 | | |
| X497173 | 172 | 1.3 | 10.2 | 68 | 20.8 | | |
| X497174 | 165 | 1.3 | 10.0 | 65 | 16.5 | | |
| X497175 | 183 | 1.4 | 10.7 | 72 | 15.1 | | |
| X497176 | 174 | 1.8 | 10.5 | 70 | 18.0 | | |
| X497177 | 173 | 1.7 | 10.9 | 101 | 14.5 | | |
| X497178 | 182 | 1.7 | 10.6 | 70 | 15.6 | | |
| X497179 | 162 | 1.2 | 9.7 | 68 | 12.8 | | |
| X497180 | 175 | 1.3 | 12.0 | 79 | 20.3 | | |
| X497181 | 176 | 1.5 | 10.6 | 215 | 19.3 | | |
| X497182 | 158 | 1.4 | 9.7 | 70 | 17.8 | | |
| X497183 | 170 | 1.7 | 9.7 | 81 | 12.1 | | |
| X497184 | 159 | 1.4 | 12.0 | >10000 | 9.4 | | 1.640 |
| X497185 | 177 | 1.3 | 10.1 | 108 | 7.1 | | |
| X497186 | 184 | 1.1 | 9.3 | 83 | 10.8 | | |
| X497187 | 181 | 0.9 | 11.1 | 79 | 10.1 | | |
| X497188 | 177 | 1.1 | 10.7 | 68 | 16.4 | | |
| X497189 | 191 | 1.6 | 8.8 | 67 | 15.2 | | |
| X497190 | 598 | 38.6 | 4.4 | 104 | 101.5 | | |

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method / Analyte / Units / LOD | WEI- 21 Recvd Wt. kg 0.02 | Au- AA26 Au ppm 0.01 | ME- MS61 Ag ppm 0.01 | ME- MS61 Al % 0.01 | ME- MS61 As ppm 0.2 | ME- MS61 Ba ppm 10 | ME- MS61 Be ppm 0.05 | ME- MS61 Bi ppm 0.01 | ME- MS61 Ca % 0.01 | ME- MS61 Cd ppm 0.02 | ME- MS61 Ce ppm 0.01 | ME- MS61 Co ppm 0.1 | ME- MS61 Cr ppm 1 | ME- MS61 Cs ppm 0.05 | ME- MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497191 | | 4.23 | 0.01 | 0.32 | 5.65 | 37.1 | 1470 | 1.80 | 0.05 | 6.83 | 0.07 | 13.40 | 37.2 | 605 | 2.20 | 78.1 |
| X497192 | | 1.40 | <0.01 | 0.12 | 6.91 | 13.5 | 1600 | 2.19 | 0.04 | 5.23 | 0.12 | 70.6 | 22.4 | 287 | 3.33 | 35.6 |
| X497193 | | 2.97 | 0.01 | 0.25 | 5.62 | 20.2 | 810 | 1.72 | 0.03 | 7.18 | 0.06 | 13.20 | 32.1 | 499 | 1.55 | 83.8 |
| X497194 | | 3.85 | <0.01 | 0.17 | 5.75 | 10.5 | 1230 | 2.00 | 0.02 | 6.04 | 0.05 | 13.70 | 41.6 | 549 | 1.44 | 43.0 |
| X497195 | | 4.04 | <0.01 | 0.24 | 5.70 | 24.4 | 1040 | 1.95 | 0.02 | 6.60 | 0.05 | 14.15 | 40.3 | 544 | 1.24 | 79.3 |
| X497196 | | 4.06 | 0.01 | 0.31 | 5.54 | 38.2 | 980 | 1.95 | 0.02 | 6.90 | 0.09 | 12.95 | 35.3 | 499 | 1.38 | 102.5 |
| X497197 | | 3.82 | <0.01 | 0.40 | 5.80 | 71.0 | 1460 | 1.51 | 0.04 | 7.12 | 0.09 | 13.60 | 38.3 | 618 | 1.54 | 78.9 |
| X497198 | | 3.52 | 0.01 | 0.34 | 5.76 | 26.9 | 1220 | 1.59 | 0.07 | 7.21 | 0.09 | 13.35 | 36.3 | 519 | 1.83 | 77.4 |
| X497199 | | 3.90 | 0.01 | 0.23 | 5.47 | 28.2 | 1130 | 1.53 | 0.05 | 7.54 | 0.14 | 14.05 | 40.2 | 594 | 2.85 | 63.2 |
| X497200 | | 1.28 | <0.01 | 0.04 | 0.19 | 1.2 | 30 | 0.13 | 0.02 | 32.8 | 0.02 | 0.94 | 0.7 | 3 | <0.05 | 4.6 |
| X497201 | | 3.75 | <0.01 | 0.13 | 4.89 | 11.8 | 760 | 2.03 | 0.06 | 6.84 | 0.06 | 14.10 | 40.1 | 618 | 4.68 | 39.4 |
| X497202 | | 3.76 | 0.01 | 0.49 | 5.81 | 11.3 | 770 | 1.96 | 0.06 | 5.91 | 0.07 | 13.40 | 36.5 | 520 | 4.50 | 116.5 |
| X497203 | | 4.00 | <0.01 | 0.26 | 5.96 | 15.9 | 780 | 1.89 | 0.11 | 5.80 | 0.08 | 14.10 | 39.7 | 577 | 3.84 | 64.0 |
| X497204 | | 3.59 | <0.01 | 0.31 | 5.70 | 19.3 | 1270 | 1.73 | 0.06 | 7.89 | 0.18 | 14.85 | 39.8 | 554 | 3.13 | 73.6 |
| X497205 | | 3.92 | 0.01 | 0.28 | 5.95 | 22.4 | 950 | 1.76 | 0.04 | 7.42 | 0.11 | 13.55 | 40.9 | 593 | 3.89 | 52.5 |
| X497206 | | 4.16 | 0.01 | 0.64 | 6.16 | 40.2 | 1290 | 1.52 | 0.07 | 7.01 | 0.19 | 14.50 | 42.5 | 569 | 3.29 | 122.0 |
| X497207 | | 4.19 | <0.01 | 0.41 | 6.09 | 19.4 | 860 | 1.71 | 0.07 | 7.63 | 0.15 | 14.50 | 40.4 | 541 | 3.54 | 100.5 |
| X497208 | | 3.83 | <0.01 | 0.40 | 4.88 | 22.2 | 360 | 1.18 | 0.08 | 9.41 | 0.73 | 12.15 | 30.8 | 443 | 1.92 | 66.9 |
| X497209 | | 4.05 | <0.01 | 0.27 | 5.72 | 17.7 | 510 | 2.69 | 0.05 | 5.47 | 0.18 | 13.85 | 46.8 | 613 | 7.48 | 89.9 |
| X497210 | | 0.13 | 4.76 | >100 | 1.52 | 57.0 | 230 | 2.99 | 0.74 | 10.55 | 11.00 | 12.10 | 2.4 | 13 | 2.27 | 105.5 |

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Finalized Date: 21- DEC- 2018
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Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOD | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| X497191 | | 5.13 | 10.35 | 0.07 | 0.4 | 0.032 | 2.45 | 6.8 | 12.1 | 5.29 | 1280 | 3.10 | 1.25 | 3.5 | 300 | 1660 |
| X497192 | | 5.25 | 14.20 | 0.13 | 1.8 | 0.048 | 3.04 | 38.9 | 11.9 | 3.20 | 1020 | 1.81 | 1.32 | 12.0 | 127.5 | 2630 |
| X497193 | | 4.68 | 10.20 | 0.07 | 0.4 | 0.032 | 2.22 | 6.6 | 10.5 | 4.77 | 1280 | 1.39 | 1.52 | 3.3 | 253 | 1390 |
| X497194 | | 5.50 | 11.25 | 0.06 | 0.5 | 0.036 | 2.21 | 7.1 | 16.7 | 6.53 | 1180 | 0.37 | 1.08 | 3.8 | 417 | 1450 |
| X497195 | | 5.47 | 11.05 | 0.07 | 0.6 | 0.032 | 2.16 | 7.2 | 15.2 | 6.45 | 1260 | 0.39 | 1.07 | 3.4 | 370 | 1550 |
| X497196 | | 5.23 | 10.05 | 0.06 | 0.4 | 0.039 | 2.39 | 6.5 | 14.1 | 5.68 | 1300 | 1.63 | 0.95 | 3.0 | 310 | 1470 |
| X497197 | | 4.76 | 10.45 | 0.06 | 0.5 | 0.027 | 2.52 | 6.9 | 11.9 | 4.96 | 1230 | 2.73 | 1.17 | 2.4 | 279 | 1700 |
| X497198 | | 4.85 | 10.25 | 0.07 | 0.5 | 0.027 | 2.24 | 6.8 | 12.8 | 4.80 | 1260 | 1.71 | 1.43 | 3.1 | 296 | 1490 |
| X497199 | | 5.18 | 10.65 | 0.08 | 0.5 | 0.039 | 2.70 | 7.1 | 15.1 | 5.04 | 1280 | 1.02 | 0.97 | 3.5 | 323 | 1620 |
| X497200 | | 0.12 | 0.62 | 0.06 | 0.1 | <0.005 | 0.07 | 1.0 | 1.4 | 2.02 | 126 | 0.59 | 0.09 | 0.5 | 3.4 | 50 |
| X497201 | | 5.60 | 9.21 | 0.05 | 0.5 | 0.033 | 2.80 | 7.1 | 21.6 | 6.85 | 1220 | 1.17 | 0.23 | 4.1 | 413 | 1720 |
| X497202 | | 5.14 | 9.97 | 0.06 | 0.6 | 0.035 | 2.80 | 6.7 | 16.9 | 5.88 | 1080 | 1.22 | 1.20 | 3.8 | 294 | 1550 |
| X497203 | | 5.88 | 11.10 | 0.07 | 0.8 | 0.044 | 2.52 | 7.1 | 20.2 | 6.33 | 1120 | 1.37 | 0.82 | 3.2 | 329 | 1690 |
| X497204 | | 5.20 | 10.40 | 0.05 | 0.7 | 0.034 | 2.33 | 7.5 | 18.4 | 4.75 | 1280 | 1.30 | 1.06 | 3.3 | 321 | 1640 |
| X497205 | | 5.55 | 10.70 | 0.06 | 0.5 | 0.032 | 2.14 | 6.7 | 24.2 | 5.72 | 1320 | 1.64 | 0.98 | 2.5 | 339 | 1620 |
| X497206 | | 5.63 | 11.75 | 0.07 | 1.0 | 0.040 | 1.75 | 7.4 | 17.2 | 4.60 | 1400 | 1.44 | 1.69 | 3.1 | 322 | 1820 |
| X497207 | | 5.55 | 11.30 | 0.07 | 0.7 | 0.046 | 1.69 | 7.3 | 18.1 | 4.97 | 1410 | 1.47 | 1.51 | 2.8 | 312 | 1580 |
| X497208 | | 4.57 | 9.11 | <0.05 | 0.6 | 0.029 | 0.85 | 6.1 | 14.8 | 4.73 | 1480 | 2.72 | 1.08 | 1.2 | 254 | 1280 |
| X497209 | | 6.12 | 10.95 | 0.06 | 1.0 | 0.037 | 2.58 | 6.8 | 18.6 | 8.23 | 1230 | 0.90 | 0.40 | 3.5 | 422 | 1810 |
| X497210 | | 2.29 | 3.36 | <0.05 | 0.5 | 0.740 | 1.22 | 6.8 | 44.1 | 0.11 | 2090 | 6.82 | 0.04 | 2.0 | 9.7 | 110 |

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# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 Pb ppm 0.5 | ME- MS61 Rb ppm 0.1 | ME- MS61 Re ppm 0.002 | ME- MS61 S % 0.01 | ME- MS61 Sb ppm 0.05 | ME- MS61 Sc ppm 0.1 | ME- MS61 Se ppm 1 | ME- MS61 Sn ppm 0.2 | ME- MS61 Sr ppm 0.2 | ME- MS61 Ta ppm 0.05 | ME- MS61 Te ppm 0.05 | ME- MS61 Th ppm 0.01 | ME- MS61 Ti % 0.005 | ME- MS61 Tl ppm 0.02 | ME- MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497191 | | 13.3 | 89.1 | 0.002 | 0.52 | 1.69 | 21.7 | <1 | 0.6 | 737 | 0.20 | 0.06 | 1.11 | 0.284 | 0.54 | 0.6 |
| X497192 | | 10.7 | 84.4 | <0.002 | 0.64 | 3.76 | 15.6 | 1 | 1.2 | 692 | 0.62 | 0.05 | 4.30 | 0.632 | 0.62 | 1.3 |
| X497193 | | 7.0 | 76.7 | 0.002 | 0.47 | 2.24 | 18.6 | 1 | 0.6 | 634 | 0.19 | 0.06 | 1.18 | 0.246 | 0.48 | 0.6 |
| X497194 | | 5.8 | 83.4 | <0.002 | 0.19 | 1.18 | 20.2 | <1 | 0.6 | 707 | 0.22 | <0.05 | 1.31 | 0.289 | 0.56 | 0.5 |
| X497195 | | 5.1 | 71.7 | <0.002 | 0.27 | 1.62 | 20.4 | <1 | 0.6 | 728 | 0.20 | <0.05 | 1.17 | 0.285 | 0.45 | 0.6 |
| X497196 | | 6.2 | 76.9 | <0.002 | 0.36 | 1.55 | 18.7 | <1 | 0.5 | 695 | 0.18 | <0.05 | 1.11 | 0.255 | 0.53 | 0.4 |
| X497197 | | 9.1 | 74.3 | <0.002 | 0.49 | 2.01 | 22.3 | 1 | 0.5 | 715 | 0.14 | 0.07 | 1.04 | 0.237 | 0.50 | 0.6 |
| X497198 | | 8.9 | 74.1 | 0.002 | 0.53 | 2.15 | 19.3 | 1 | 0.6 | 695 | 0.17 | 0.08 | 1.28 | 0.243 | 0.52 | 0.8 |
| X497199 | | 13.5 | 93.3 | 0.002 | 0.87 | 1.66 | 21.8 | 1 | 0.6 | 675 | 0.20 | 0.09 | 1.17 | 0.256 | 0.67 | 0.7 |
| X497200 | | 3.6 | 1.9 | <0.002 | <0.01 | 0.39 | 0.2 | 1 | <0.2 | 75.0 | 0.06 | <0.05 | 0.16 | 0.006 | <0.02 | 0.3 |
| X497201 | | 7.6 | 120.0 | <0.002 | 0.52 | 1.44 | 21.9 | 1 | 0.5 | 642 | 0.22 | 0.28 | 1.19 | 0.292 | 0.89 | 0.7 |
| X497202 | | 7.6 | 107.0 | 0.002 | 0.34 | 1.50 | 21.5 | 1 | 0.6 | 617 | 0.20 | 0.07 | 1.43 | 0.289 | 0.88 | 1.0 |
| X497203 | | 12.8 | 82.2 | 0.002 | 0.47 | 2.29 | 24.5 | 1 | 0.6 | 562 | 0.19 | <0.05 | 1.30 | 0.281 | 0.70 | 0.7 |
| X497204 | | 18.0 | 59.9 | <0.002 | 0.78 | 2.05 | 22.4 | 1 | 0.5 | 629 | 0.19 | <0.05 | 1.27 | 0.269 | 0.49 | 0.9 |
| X497205 | | 16.1 | 66.0 | <0.002 | 0.93 | 1.88 | 22.9 | 1 | 0.5 | 545 | 0.14 | <0.05 | 1.24 | 0.278 | 0.50 | 0.7 |
| X497206 | | 24.6 | 54.5 | <0.002 | 1.36 | 3.83 | 27.2 | 1 | 0.6 | 574 | 0.18 | 0.11 | 1.41 | 0.285 | 0.42 | 1.0 |
| X497207 | | 14.2 | 56.7 | 0.003 | 0.61 | 4.03 | 23.5 | 2 | 0.7 | 673 | 0.17 | 0.07 | 1.41 | 0.281 | 0.43 | 0.8 |
| X497208 | | 37.8 | 29.3 | <0.002 | 0.47 | 2.98 | 16.9 | <1 | 0.5 | 1095 | 0.08 | <0.05 | 1.20 | 0.169 | 0.21 | 0.7 |
| X497209 | | 9.9 | 110.0 | <0.002 | 0.13 | 1.86 | 27.4 | <1 | 0.6 | 460 | 0.20 | <0.05 | 1.20 | 0.333 | 0.70 | 0.7 |
| X497210 | | 5600 | 61.3 | <0.002 | 0.29 | 55.2 | 1.4 | 2 | 3.2 | 332 | 0.19 | 0.64 | 3.33 | 0.027 | 0.94 | 1.2 |

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

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

| Sample Description / Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 | Ag- OG62 Ag ppm 1 | Zn- OG62 Zn % 0.001 |
|---|---|---|---|---|---|---|---|
| X497191 | 178 | 2.0 | 7.7 | 70 | 14.8 | | |
| X497192 | 143 | 2.8 | 15.5 | 94 | 72.9 | | |
| X497193 | 152 | 1.4 | 7.7 | 62 | 16.6 | | |
| X497194 | 179 | 1.7 | 6.4 | 78 | 16.0 | | |
| X497195 | 179 | 1.5 | 6.2 | 76 | 17.7 | | |
| X497196 | 165 | 1.3 | 6.3 | 69 | 12.9 | | |
| X497197 | 176 | 1.9 | 7.6 | 65 | 11.5 | | |
| X497198 | 158 | 1.8 | 7.5 | 69 | 17.6 | | |
| X497199 | 176 | 1.2 | 8.0 | 79 | 15.1 | | |
| X497200 | 1 | <0.1 | 2.5 | 9 | 2.4 | | |
| X497201 | 169 | 1.3 | 7.9 | 78 | 13.2 | | |
| X497202 | 171 | 1.3 | 7.9 | 63 | 26.6 | | |
| X497203 | 181 | 1.1 | 8.4 | 87 | 20.2 | | |
| X497204 | 171 | 1.2 | 10.3 | 98 | 18.0 | | |
| X497205 | 178 | 0.8 | 10.6 | 73 | 24.3 | | |
| X497206 | 189 | 1.0 | 10.1 | 88 | 18.3 | | |
| X497207 | 177 | 0.8 | 10.4 | 73 | 22.1 | | |
| X497208 | 144 | 0.3 | 7.0 | 133 | 15.5 | | |
| X497209 | 194 | 0.6 | 9.5 | 91 | 22.4 | | |
| X497210 | 29 | 2.7 | 3.4 | 895 | 12.3 | 125 | |

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

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650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301681

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

Applies to Method:

| | | | |
|---|---|---|---|
| BAG- 01 | CRU- 31 | CRU- QC | LOG- 21 |
| LOG- 23 | PUL- 32 | PUL- QC | SPL- 21 |
| WEI- 21 | | | |

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

Applies to Method:

| | | | |
|---|---|---|---|
| Ag- OG62 | Au- AA26 | ME- MS61 | ME- OG62 |
| Zn- OG62 | | | |

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 20- DEC- 2018**
**Account: SKERES**

# CERTIFICATE KL18301687

Project: Snip
P.O. No.: S- C18- 128
This report is for 38 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 27- NOV- 2018.
The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI- 21 | Received Sample Weight |
| LOG- 21 | Sample logging - ClientBarCode |
| CRU- QC | Crushing QC Test |
| PUL- QC | Pulverizing QC Test |
| CRU- 31 | Fine crushing - 70% <2mm |
| SPL- 21 | Split sample - riffle splitter |
| PUL- 32 | Pulverize 1000g to 85% < 75 um |
| BAG- 01 | Bulk Master for Storage |
| LOG- 23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au- AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME- MS61 | 48 element four acid ICP- MS | |

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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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 20- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301687

| Sample Description | Method / Analyte / Units / LOD | WEI- 21 Recvd Wt. kg 0.02 | Au- AA26 Au ppm 0.01 | ME- MS61 Ag ppm 0.01 | ME- MS61 Al % 0.01 | ME- MS61 As ppm 0.2 | ME- MS61 Ba ppm 10 | ME- MS61 Be ppm 0.05 | ME- MS61 Bi ppm 0.01 | ME- MS61 Ca % 0.01 | ME- MS61 Cd ppm 0.02 | ME- MS61 Ce ppm 0.01 | ME- MS61 Co ppm 0.1 | ME- MS61 Cr ppm 1 | ME- MS61 Cs ppm 0.05 | ME- MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497211 | | 4.17 | <0.01 | 0.23 | 5.24 | 11.8 | 450 | 2.50 | 0.02 | 6.10 | 0.13 | 13.85 | 44.1 | 548 | 8.16 | 76.9 |
| X497212 | | 3.90 | <0.01 | 0.13 | 5.98 | 4.6 | 420 | 2.33 | 0.02 | 7.34 | 0.14 | 16.15 | 39.6 | 476 | 5.49 | 84.3 |
| X497213 | | 4.05 | <0.01 | 0.11 | 5.90 | 4.1 | 720 | 2.06 | 0.01 | 7.26 | 0.14 | 15.75 | 34.5 | 476 | 4.44 | 99.7 |
| X497214 | | 2.78 | <0.01 | 0.09 | 6.09 | 4.3 | 1100 | 2.50 | 0.02 | 5.38 | 0.09 | 15.80 | 40.9 | 494 | 4.87 | 77.5 |
| X497215 | | 3.93 | <0.01 | 0.09 | 6.25 | 4.4 | 950 | 2.44 | 0.02 | 5.49 | 0.13 | 16.40 | 40.7 | 501 | 3.36 | 101.5 |
| X497216 | | 3.91 | <0.01 | 0.08 | 6.13 | 5.1 | 1340 | 2.12 | 0.02 | 7.07 | 0.10 | 16.05 | 38.3 | 508 | 3.08 | 88.8 |
| X497217 | | 3.96 | <0.01 | 0.08 | 5.67 | 3.6 | 1010 | 1.89 | 0.01 | 7.98 | 0.10 | 15.80 | 37.0 | 476 | 3.63 | 74.0 |
| X497218 | | 4.01 | <0.01 | 0.17 | 5.23 | 17.5 | 890 | 1.96 | 0.02 | 7.89 | 0.11 | 14.40 | 37.3 | 474 | 3.57 | 81.4 |
| X497219 | | 3.82 | <0.01 | 0.16 | 5.79 | 9.3 | 480 | 2.31 | 0.01 | 5.95 | 0.08 | 14.95 | 37.2 | 460 | 2.72 | 95.6 |
| X497220 | | 1.13 | <0.01 | <0.01 | 0.12 | 0.3 | 30 | 0.06 | 0.01 | 33.9 | <0.02 | 1.01 | 0.6 | 5 | 0.05 | 4.4 |
| X497221 | | 3.97 | <0.01 | 0.17 | 5.05 | 36.0 | 320 | 1.72 | 0.01 | 7.06 | 0.14 | 13.60 | 35.2 | 512 | 1.25 | 68.0 |
| X497222 | | 4.07 | <0.01 | 0.23 | 4.68 | 20.6 | 440 | 2.07 | 0.01 | 6.69 | 0.12 | 12.55 | 43.0 | 569 | 3.37 | 56.8 |
| X497223 | | 3.83 | <0.01 | 0.20 | 4.83 | 34.5 | 260 | 1.49 | 0.02 | 7.83 | 0.17 | 13.00 | 38.6 | 571 | 2.25 | 49.9 |
| X497224 | | 4.11 | <0.01 | 0.18 | 5.79 | 9.2 | 370 | 2.23 | 0.09 | 6.18 | 0.16 | 14.60 | 39.7 | 531 | 7.01 | 65.7 |
| X497225 | | 4.00 | <0.01 | 0.19 | 5.58 | 24.8 | 350 | 2.14 | 0.12 | 6.17 | 0.21 | 14.20 | 38.2 | 517 | 4.75 | 58.5 |
| X497226 | | 4.06 | 0.01 | 0.62 | 5.20 | 79.9 | 580 | 2.05 | 0.03 | 6.56 | 0.21 | 16.70 | 41.2 | 582 | 3.79 | 188.5 |
| X497227 | | 3.88 | <0.01 | 0.58 | 5.19 | 155.5 | 1080 | 1.85 | 0.04 | 6.66 | 0.77 | 13.60 | 46.3 | 652 | 3.83 | 70.2 |
| X497228 | | 4.11 | <0.01 | 0.32 | 6.51 | 118.0 | 1320 | 2.00 | 0.03 | 4.98 | 0.22 | 16.60 | 32.3 | 480 | 4.57 | 53.4 |
| X497229 | | 4.03 | 0.01 | 0.14 | 7.51 | 5.6 | 2400 | 2.34 | 0.01 | 5.31 | 0.08 | 15.95 | 16.6 | 196 | 4.26 | 64.6 |
| X497230 | | 0.13 | 11.70 | 34.5 | 5.29 | 5550 | 680 | 0.91 | 9.61 | 4.14 | 6.19 | 33.5 | 22.7 | 56 | 3.69 | 340 |
| X497231 | | 3.92 | <0.01 | 0.16 | 6.77 | 4.1 | 2730 | 2.05 | 0.04 | 5.87 | 0.06 | 15.25 | 21.6 | 231 | 3.62 | 73.8 |
| X497232 | | 4.09 | 0.01 | 0.15 | 5.30 | 2.4 | 930 | 2.17 | 0.06 | 5.45 | 0.07 | 13.50 | 37.7 | 483 | 4.54 | 108.0 |
| X497233 | | 2.39 | <0.01 | 0.13 | 5.51 | 1.8 | 1440 | 2.17 | 0.04 | 6.32 | 0.07 | 14.35 | 40.2 | 586 | 6.16 | 124.5 |
| X497234 | | 1.36 | <0.01 | 0.23 | 7.23 | 2.4 | 820 | 1.57 | 0.06 | 5.16 | 0.09 | 16.05 | 16.4 | 223 | 2.13 | 233 |
| X497235 | | 4.11 | <0.01 | 0.05 | 7.92 | 3.6 | 2780 | 1.64 | 0.04 | 3.35 | 0.17 | 111.5 | 19.0 | 62 | 0.81 | 16.8 |
| X497236 | | 2.65 | <0.01 | 0.04 | 7.98 | 3.1 | 2720 | 1.58 | 0.04 | 3.35 | 0.11 | 113.5 | 19.2 | 60 | 0.70 | 15.4 |
| X497237 | | 2.87 | <0.01 | 0.15 | 5.61 | 3.3 | 1600 | 2.12 | 0.15 | 6.32 | 0.29 | 15.55 | 34.3 | 649 | 7.02 | 14.9 |
| X497238 | | 4.07 | <0.01 | 0.10 | 5.69 | 1.6 | 2090 | 2.27 | 0.08 | 6.30 | 0.11 | 15.85 | 39.6 | 632 | 7.10 | 48.9 |
| X497239 | | 4.02 | 0.01 | 0.13 | 5.58 | 2.3 | 1020 | 2.15 | 0.13 | 6.09 | 0.12 | 13.40 | 39.6 | 610 | 6.58 | 86.3 |
| X497240 | | 4.06 | <0.01 | 0.16 | 5.83 | 2.1 | 870 | 2.03 | 0.23 | 6.42 | 0.16 | 11.45 | 38.1 | 560 | 5.83 | 81.4 |
| X497241 | | 3.98 | <0.01 | 0.22 | 6.33 | 1.6 | 710 | 2.07 | 0.22 | 5.29 | 0.14 | 13.85 | 31.1 | 421 | 5.45 | 128.0 |
| X497242 | | 4.38 | <0.01 | 0.15 | 6.58 | 1.6 | 770 | 2.37 | 0.19 | 5.07 | 0.12 | 17.65 | 31.3 | 426 | 6.44 | 97.9 |
| X497243 | | 1.62 | <0.01 | 0.16 | 5.94 | 1.5 | 600 | 2.17 | 0.21 | 5.69 | 0.12 | 13.65 | 37.9 | 516 | 5.81 | 91.1 |
| X497244 | | 3.06 | <0.01 | 0.10 | 7.91 | 2.1 | 1620 | 1.75 | 0.05 | 3.92 | 0.06 | 113.5 | 22.5 | 87 | 2.11 | 17.6 |
| X497245 | | 3.86 | <0.01 | 0.11 | 7.70 | 2.3 | 1680 | 1.75 | 0.05 | 4.71 | 0.10 | 101.5 | 24.2 | 186 | 2.08 | 40.3 |
| X497246 | | 2.60 | <0.01 | 0.05 | 7.87 | 1.3 | 1730 | 1.47 | 0.04 | 4.27 | 0.09 | 117.0 | 21.4 | 69 | 1.29 | 17.0 |
| X497247 | | 3.21 | <0.01 | 0.18 | 6.30 | 12.0 | 1620 | 1.80 | 0.10 | 8.32 | 0.11 | 24.6 | 59.4 | 656 | 4.46 | 101.0 |
| X497248 | | 2.99 | 0.01 | 0.49 | 6.15 | 11.7 | 920 | 1.77 | 0.37 | 6.94 | 0.30 | 19.50 | 42.5 | 478 | 3.98 | 144.5 |

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

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Finalized Date: 20- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301687

| Sample Description | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497211 | 5.77 | 10.35 | 0.09 | 0.9 | 0.035 | 2.48 | 7.2 | 15.7 | 7.50 | 1150 | 0.25 | 0.97 | 3.9 | 369 | 1710 |
| X497212 | 5.62 | 12.05 | 0.09 | 0.9 | 0.036 | 1.60 | 8.5 | 14.6 | 6.28 | 1220 | 0.25 | 1.98 | 4.6 | 294 | 1710 |
| X497213 | 5.16 | 11.15 | 0.08 | 0.9 | 0.035 | 1.31 | 8.4 | 11.8 | 5.56 | 1160 | 0.26 | 2.45 | 4.3 | 252 | 1760 |
| X497214 | 5.71 | 11.70 | 0.10 | 0.9 | 0.037 | 1.43 | 8.1 | 12.8 | 6.68 | 1080 | 0.37 | 2.49 | 3.9 | 298 | 1740 |
| X497215 | 5.83 | 12.25 | 0.09 | 1.4 | 0.038 | 0.95 | 8.6 | 11.9 | 6.72 | 1080 | 0.20 | 2.85 | 4.3 | 299 | 1780 |
| X497216 | 5.56 | 11.65 | 0.07 | 0.8 | 0.034 | 0.82 | 8.5 | 13.0 | 6.23 | 1240 | 0.23 | 2.73 | 4.3 | 290 | 1820 |
| X497217 | 5.32 | 11.15 | 0.08 | 0.8 | 0.032 | 0.97 | 8.5 | 13.5 | 5.95 | 1340 | 0.21 | 2.28 | 3.7 | 288 | 1730 |
| X497218 | 5.10 | 10.60 | 0.10 | 0.6 | 0.034 | 1.10 | 7.6 | 18.0 | 5.57 | 1240 | 1.45 | 1.62 | 1.9 | 273 | 1570 |
| X497219 | 5.21 | 10.80 | 0.09 | 1.2 | 0.031 | 0.97 | 8.0 | 11.7 | 5.81 | 1060 | 0.83 | 2.39 | 2.8 | 269 | 1650 |
| X497220 | 0.12 | 0.37 | 0.05 | 0.1 | <0.005 | 0.06 | 1.8 | 1.2 | 1.38 | 101 | <0.05 | 0.04 | 0.2 | 1.5 | 70 |
| X497221 | 5.14 | 9.52 | 0.06 | 0.5 | 0.035 | 0.47 | 7.2 | 14.7 | 6.02 | 1140 | 3.04 | 1.78 | 1.8 | 291 | 1540 |
| X497222 | 5.81 | 9.52 | 0.07 | 0.6 | 0.034 | 1.29 | 6.5 | 19.1 | 7.48 | 1160 | 2.68 | 0.86 | 2.2 | 350 | 1600 |
| X497223 | 5.39 | 9.62 | 0.06 | 0.5 | 0.037 | 0.88 | 6.9 | 19.5 | 6.52 | 1230 | 1.97 | 1.33 | 2.7 | 329 | 1560 |
| X497224 | 5.36 | 10.95 | 0.07 | 1.3 | 0.036 | 2.29 | 7.8 | 15.7 | 6.41 | 1110 | 2.04 | 1.67 | 3.9 | 318 | 1670 |
| X497225 | 5.18 | 9.81 | 0.07 | 1.0 | 0.039 | 1.81 | 7.7 | 12.6 | 6.21 | 1140 | 3.22 | 1.96 | 2.7 | 320 | 1600 |
| X497226 | 5.59 | 10.00 | 0.06 | 0.7 | 0.037 | 1.65 | 9.0 | 17.1 | 6.61 | 1260 | 2.21 | 1.45 | 3.4 | 357 | 1800 |
| X497227 | 5.57 | 10.40 | 0.06 | 0.6 | 0.030 | 1.95 | 7.2 | 20.9 | 6.52 | 1220 | 0.71 | 1.26 | 2.3 | 365 | 1650 |
| X497228 | 4.94 | 11.90 | 0.08 | 1.1 | 0.029 | 2.61 | 9.1 | 22.2 | 5.30 | 1080 | 1.59 | 1.98 | 4.4 | 256 | 1640 |
| X497229 | 3.85 | 12.70 | 0.09 | 0.7 | 0.022 | 3.75 | 8.8 | 15.0 | 3.06 | 1080 | 1.60 | 2.77 | 5.7 | 118.5 | 1460 |
| X497230 | 9.83 | 13.70 | 0.09 | 1.6 | 1.465 | 1.33 | 18.3 | 17.0 | 0.99 | 971 | 41.6 | 0.94 | 4.3 | 28.8 | 640 |
| X497231 | 3.93 | 11.15 | 0.07 | 1.0 | 0.026 | 3.42 | 8.5 | 12.1 | 3.42 | 983 | 1.88 | 2.10 | 4.6 | 135.0 | 1390 |
| X497232 | 5.20 | 10.30 | 0.09 | 0.9 | 0.037 | 2.16 | 7.3 | 13.7 | 6.63 | 1100 | 0.21 | 1.33 | 3.3 | 302 | 1540 |
| X497233 | 5.37 | 10.25 | 0.08 | 0.8 | 0.035 | 3.00 | 7.7 | 12.5 | 6.78 | 1200 | 1.74 | 0.84 | 5.2 | 361 | 1620 |
| X497234 | 2.80 | 11.40 | 0.09 | 0.8 | 0.091 | 1.04 | 9.3 | 7.2 | 2.34 | 702 | 0.90 | 4.27 | 5.2 | 104.5 | 1040 |
| X497235 | 5.52 | 20.2 | 0.17 | 3.6 | 0.066 | 2.85 | 54.6 | 26.0 | 2.30 | 972 | 2.05 | 2.74 | 24.6 | 37.5 | 3690 |
| X497236 | 5.55 | 20.2 | 0.18 | 4.0 | 0.059 | 2.95 | 55.0 | 27.2 | 2.29 | 980 | 2.05 | 2.79 | 24.0 | 36.9 | 3720 |
| X497237 | 5.77 | 10.65 | 0.10 | 0.7 | 0.037 | 3.35 | 7.8 | 16.9 | 6.75 | 1360 | 0.18 | 0.87 | 6.7 | 340 | 1880 |
| X497238 | 5.72 | 10.90 | 0.09 | 0.7 | 0.038 | 3.53 | 7.8 | 15.0 | 6.90 | 1220 | 0.19 | 0.58 | 6.8 | 345 | 1890 |
| X497239 | 5.43 | 10.20 | 0.09 | 0.7 | 0.040 | 3.39 | 6.5 | 11.9 | 6.49 | 1050 | 0.50 | 0.80 | 5.6 | 310 | 1730 |
| X497240 | 5.30 | 11.00 | 0.10 | 0.9 | 0.031 | 2.82 | 5.5 | 14.2 | 6.30 | 1180 | 8.16 | 1.09 | 4.0 | 260 | 1540 |
| X497241 | 4.64 | 10.75 | 0.12 | 1.4 | 0.037 | 2.71 | 7.0 | 11.0 | 5.60 | 939 | 0.95 | 1.90 | 5.2 | 262 | 1390 |
| X497242 | 5.09 | 12.40 | 0.09 | 1.2 | 0.038 | 3.12 | 8.9 | 13.0 | 6.21 | 1000 | 2.66 | 1.74 | 7.2 | 250 | 1520 |
| X497243 | 4.89 | 10.90 | 0.09 | 1.0 | 0.041 | 2.71 | 6.6 | 14.6 | 6.19 | 1120 | 1.07 | 1.27 | 5.0 | 291 | 1520 |
| X497244 | 5.78 | 19.65 | 0.19 | 4.1 | 0.071 | 2.69 | 57.0 | 29.3 | 2.83 | 792 | 1.85 | 2.30 | 22.3 | 49.4 | 3720 |
| X497245 | 5.76 | 18.55 | 0.17 | 3.4 | 0.064 | 2.31 | 51.3 | 28.6 | 3.06 | 940 | 1.62 | 2.37 | 20.5 | 94.1 | 3540 |
| X497246 | 5.73 | 19.55 | 0.18 | 4.0 | 0.071 | 2.22 | 55.8 | 27.6 | 2.47 | 934 | 1.88 | 2.38 | 22.8 | 40.2 | 3700 |
| X497247 | 4.99 | 12.05 | 0.11 | 1.2 | 0.048 | 2.70 | 12.2 | 12.2 | 3.83 | 1150 | 0.47 | 2.08 | 6.5 | 358 | 2210 |
| X497248 | 5.76 | 11.70 | 0.08 | 1.0 | 0.040 | 2.78 | 9.8 | 14.3 | 4.72 | 1260 | 1.16 | 1.39 | 5.7 | 269 | 1670 |

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

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650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 20- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301687

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Pb<br>ppm<br>0.5 | ME- MS61<br>Rb<br>ppm<br>0.1 | ME- MS61<br>Re<br>ppm<br>0.002 | ME- MS61<br>S<br>%<br>0.01 | ME- MS61<br>Sb<br>ppm<br>0.05 | ME- MS61<br>Sc<br>ppm<br>0.1 | ME- MS61<br>Se<br>ppm<br>1 | ME- MS61<br>Sn<br>ppm<br>0.2 | ME- MS61<br>Sr<br>ppm<br>0.2 | ME- MS61<br>Ta<br>ppm<br>0.05 | ME- MS61<br>Te<br>ppm<br>0.05 | ME- MS61<br>Th<br>ppm<br>0.01 | ME- MS61<br>Ti<br>%<br>0.005 | ME- MS61<br>Tl<br>ppm<br>0.02 | ME- MS61<br>U<br>ppm<br>0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497211 | | 8.5 | 128.0 | <0.002 | 0.23 | 2.45 | 27.8 | 1 | 0.7 | 485 | 0.25 | <0.05 | 1.39 | 0.331 | 0.74 | 0.8 |
| X497212 | | 8.4 | 84.3 | <0.002 | 0.10 | 2.52 | 27.0 | 1 | 0.7 | 582 | 0.28 | <0.05 | 1.71 | 0.337 | 0.50 | 1.1 |
| X497213 | | 9.2 | 70.1 | 0.003 | 0.08 | 2.93 | 27.0 | 1 | 0.7 | 504 | 0.27 | <0.05 | 1.54 | 0.347 | 0.47 | 1.0 |
| X497214 | | 7.4 | 80.7 | 0.002 | 0.05 | 3.55 | 27.4 | 1 | 0.7 | 370 | 0.25 | <0.05 | 1.51 | 0.346 | 0.47 | 1.4 |
| X497215 | | 6.6 | 55.4 | <0.002 | 0.10 | 3.64 | 29.0 | 1 | 0.7 | 360 | 0.29 | <0.05 | 1.48 | 0.355 | 0.31 | 1.4 |
| X497216 | | 8.5 | 44.6 | <0.002 | 0.16 | 3.35 | 27.9 | 1 | 0.8 | 546 | 0.26 | <0.05 | 1.51 | 0.356 | 0.27 | 1.1 |
| X497217 | | 7.9 | 52.0 | <0.002 | 0.07 | 2.47 | 26.6 | 1 | 0.7 | 602 | 0.25 | <0.05 | 1.35 | 0.330 | 0.27 | 1.2 |
| X497218 | | 11.4 | 54.6 | <0.002 | 0.23 | 3.04 | 24.3 | 1 | 0.5 | 722 | 0.11 | <0.05 | 1.18 | 0.231 | 0.32 | 0.9 |
| X497219 | | 7.9 | 49.2 | <0.002 | 0.08 | 2.42 | 25.3 | <1 | 0.5 | 515 | 0.18 | <0.05 | 1.28 | 0.265 | 0.32 | 1.1 |
| X497220 | | 0.5 | 1.8 | <0.002 | <0.01 | 0.05 | 0.2 | 1 | <0.2 | 82.2 | <0.05 | <0.05 | 0.09 | 0.006 | 0.02 | 0.2 |
| X497221 | | 10.3 | 21.4 | <0.002 | 0.12 | 1.86 | 26.2 | 1 | 0.4 | 501 | 0.11 | <0.05 | 1.07 | 0.175 | 0.17 | 0.8 |
| X497222 | | 13.1 | 59.3 | <0.002 | 0.04 | 1.85 | 28.8 | <1 | 0.5 | 469 | 0.12 | <0.05 | 0.91 | 0.265 | 0.41 | 0.6 |
| X497223 | | 8.9 | 40.3 | <0.002 | 0.15 | 2.50 | 28.2 | 1 | 0.5 | 565 | 0.16 | <0.05 | 0.94 | 0.223 | 0.35 | 0.6 |
| X497224 | | 11.7 | 119.0 | 0.003 | 0.26 | 2.72 | 25.9 | 1 | 0.7 | 432 | 0.24 | 0.08 | 1.52 | 0.287 | 0.74 | 1.4 |
| X497225 | | 16.9 | 86.6 | 0.003 | 0.42 | 2.33 | 22.6 | 1 | 0.6 | 447 | 0.17 | 0.12 | 1.39 | 0.263 | 0.59 | 0.9 |
| X497226 | | 13.1 | 78.7 | <0.002 | 0.18 | 2.24 | 25.8 | 1 | 0.6 | 511 | 0.18 | 0.05 | 1.47 | 0.261 | 0.52 | 0.9 |
| X497227 | | 48.6 | 79.2 | <0.002 | 0.24 | 1.89 | 27.4 | 1 | 0.6 | 533 | 0.14 | <0.05 | 1.18 | 0.267 | 0.55 | 0.5 |
| X497228 | | 20.4 | 91.2 | <0.002 | 0.11 | 1.82 | 22.2 | 1 | 0.7 | 580 | 0.27 | 0.07 | 1.75 | 0.271 | 0.64 | 1.3 |
| X497229 | | 8.9 | 82.6 | 0.002 | 0.13 | 1.02 | 13.1 | 1 | 0.6 | 864 | 0.33 | <0.05 | 1.85 | 0.233 | 0.42 | 1.5 |
| X497230 | | 286 | 55.3 | 0.011 | 2.49 | 9.42 | 9.2 | 2 | 7.1 | 323 | 0.27 | 8.79 | 4.20 | 0.202 | 1.23 | 9.2 |
| X497231 | | 7.6 | 79.3 | <0.002 | 0.09 | 0.83 | 14.5 | 1 | 0.5 | 972 | 0.27 | <0.05 | 1.76 | 0.227 | 0.35 | 1.4 |
| X497232 | | 4.4 | 79.8 | <0.002 | 0.05 | 1.22 | 23.2 | 1 | 0.8 | 605 | 0.19 | <0.05 | 1.29 | 0.298 | 0.32 | 0.8 |
| X497233 | | 6.6 | 104.0 | 0.004 | 0.04 | 0.98 | 23.7 | <1 | 0.6 | 643 | 0.30 | <0.05 | 1.32 | 0.303 | 0.45 | 1.0 |
| X497234 | | 14.0 | 34.4 | <0.002 | 0.13 | 1.32 | 12.0 | 1 | 0.8 | 776 | 0.32 | <0.05 | 2.16 | 0.194 | 0.17 | 1.3 |
| X497235 | | 12.3 | 59.9 | <0.002 | 0.09 | 2.82 | 14.4 | 1 | 1.8 | 1250 | 1.12 | <0.05 | 5.70 | 0.944 | 0.38 | 1.9 |
| X497236 | | 12.5 | 65.2 | 0.002 | 0.10 | 2.51 | 14.5 | 1 | 1.8 | 1240 | 1.19 | 0.05 | 5.95 | 0.954 | 0.34 | 1.9 |
| X497237 | | 25.5 | 114.0 | <0.002 | 0.35 | 1.36 | 26.8 | 1 | 0.7 | 525 | 0.36 | 0.06 | 1.31 | 0.337 | 0.48 | 0.5 |
| X497238 | | 12.3 | 125.0 | <0.002 | 0.41 | 1.12 | 27.6 | <1 | 0.6 | 532 | 0.35 | 0.05 | 1.37 | 0.339 | 0.55 | 0.9 |
| X497239 | | 11.3 | 118.0 | <0.002 | 0.68 | 0.94 | 26.3 | 1 | 0.6 | 496 | 0.30 | <0.05 | 1.17 | 0.322 | 0.56 | 0.7 |
| X497240 | | 11.3 | 100.0 | 0.003 | 0.33 | 1.04 | 26.6 | 1 | 0.5 | 554 | 0.22 | <0.05 | 1.04 | 0.306 | 0.50 | 0.7 |
| X497241 | | 13.7 | 94.8 | <0.002 | 0.31 | 0.93 | 20.1 | <1 | 0.6 | 556 | 0.30 | <0.05 | 1.72 | 0.274 | 0.53 | 1.4 |
| X497242 | | 9.1 | 115.5 | 0.003 | 0.22 | 1.02 | 22.4 | <1 | 0.9 | 543 | 0.39 | <0.05 | 2.78 | 0.322 | 0.59 | 1.9 |
| X497243 | | 8.7 | 100.5 | 0.002 | 0.26 | 0.77 | 23.8 | <1 | 0.7 | 531 | 0.27 | <0.05 | 1.64 | 0.285 | 0.57 | 1.1 |
| X497244 | | 15.4 | 71.7 | <0.002 | 0.12 | 1.68 | 15.7 | <1 | 1.8 | 876 | 1.22 | <0.05 | 6.85 | 1.055 | 0.34 | 2.4 |
| X497245 | | 12.6 | 57.8 | <0.002 | 0.14 | 0.94 | 17.8 | <1 | 1.7 | 986 | 1.10 | <0.05 | 5.72 | 0.957 | 0.34 | 1.9 |
| X497246 | | 12.0 | 52.1 | <0.002 | 0.13 | 0.95 | 14.5 | <1 | 1.9 | 1075 | 1.19 | <0.05 | 7.06 | 1.035 | 0.25 | 2.4 |
| X497247 | | 10.6 | 98.3 | <0.002 | 1.20 | 0.82 | 27.9 | 1 | 0.8 | 782 | 0.35 | 0.06 | 2.18 | 0.388 | 0.52 | 1.2 |
| X497248 | | 21.3 | 96.9 | 0.002 | 1.09 | 0.97 | 22.9 | 1 | 0.9 | 581 | 0.31 | 0.19 | 1.92 | 0.371 | 0.56 | 1.0 |

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

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Finalized Date: 20- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301687

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>V<br>ppm<br>1 | ME- MS61<br>W<br>ppm<br>0.1 | ME- MS61<br>Y<br>ppm<br>0.1 | ME- MS61<br>Zn<br>ppm<br>2 | ME- MS61<br>Zr<br>ppm<br>0.5 |
|---|---|---|---|---|---|---|
| X497211 | | 187 | 0.5 | 11.3 | 68 | 27.6 |
| X497212 | | 193 | 0.6 | 14.5 | 67 | 25.3 |
| X497213 | | 190 | 0.7 | 14.8 | 69 | 26.7 |
| X497214 | | 197 | 0.6 | 14.5 | 76 | 30.6 |
| X497215 | | 201 | 0.7 | 15.3 | 73 | 28.9 |
| X497216 | | 200 | 0.8 | 15.5 | 65 | 27.6 |
| X497217 | | 190 | 0.6 | 15.4 | 62 | 23.8 |
| X497218 | | 172 | 0.3 | 10.9 | 63 | 23.5 |
| X497219 | | 183 | 0.3 | 9.0 | 63 | 25.5 |
| X497220 | | 2 | <0.1 | 2.2 | 3 | 2.1 |
| X497221 | | 171 | 0.5 | 7.8 | 81 | 20.6 |
| X497222 | | 182 | 0.5 | 6.9 | 72 | 16.9 |
| X497223 | | 175 | 0.9 | 8.6 | 75 | 14.0 |
| X497224 | | 175 | 0.8 | 9.3 | 78 | 26.1 |
| X497225 | | 166 | 0.6 | 8.5 | 81 | 21.0 |
| X497226 | | 178 | 0.8 | 8.3 | 82 | 19.6 |
| X497227 | | 165 | 0.7 | 7.7 | 150 | 15.7 |
| X497228 | | 172 | 1.3 | 8.9 | 143 | 32.4 |
| X497229 | | 143 | 1.5 | 11.0 | 63 | 19.5 |
| X497230 | | 82 | 17.5 | 10.5 | 847 | 51.7 |
| X497231 | | 138 | 1.5 | 10.3 | 46 | 20.3 |
| X497232 | | 172 | 1.0 | 7.9 | 65 | 19.5 |
| X497233 | | 173 | 1.1 | 10.7 | 75 | 20.1 |
| X497234 | | 105 | 1.9 | 10.0 | 34 | 37.1 |
| X497235 | | 126 | 0.9 | 23.5 | 121 | 138.0 |
| X497236 | | 126 | 0.8 | 23.2 | 122 | 146.0 |
| X497237 | | 165 | 1.6 | 12.8 | 293 | 40.8 |
| X497238 | | 190 | 1.1 | 11.9 | 94 | 20.6 |
| X497239 | | 175 | 1.0 | 11.1 | 72 | 19.1 |
| X497240 | | 177 | 1.4 | 10.6 | 68 | 24.5 |
| X497241 | | 154 | 1.3 | 10.6 | 59 | 50.1 |
| X497242 | | 191 | 1.6 | 11.4 | 65 | 43.6 |
| X497243 | | 162 | 1.2 | 11.3 | 67 | 33.9 |
| X497244 | | 134 | 1.1 | 24.0 | 116 | 164.0 |
| X497245 | | 149 | 0.9 | 22.2 | 119 | 138.5 |
| X497246 | | 131 | 0.6 | 24.9 | 123 | 156.0 |
| X497247 | | 183 | 1.3 | 14.1 | 61 | 34.9 |
| X497248 | | 186 | 1.4 | 13.2 | 75 | 34.2 |

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

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Finalized Date: 20- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18301687

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

| Applies to Method: | | | |
|---|---|---|---|
| BAG- 01 | CRU- 31 | CRU- QC | LOG- 21 |
| LOG- 23 | PUL- 32 | PUL- QC | SPL- 21 |
| WEI- 21 | | | |

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

Applies to Method: Au- AA26 ME- MS61

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

# CERTIFICATE KL18305155

Project: Snip
P.O. No.: S- C18- 130
This report is for 100 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 30- NOV- 2018.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI- 21 | Received Sample Weight |
| LOG- 21 | Sample logging - ClientBarCode |
| CRU- QC | Crushing QC Test |
| PUL- QC | Pulverizing QC Test |
| CRU- 31 | Fine crushing - 70% <2mm |
| SPL- 21 | Split sample - riffle splitter |
| PUL- 32 | Pulverize 1000g to 85% < 75 um |
| BAG- 01 | Bulk Master for Storage |
| LOG- 23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au- AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME- MS61 | 48 element four acid ICP- MS | |
| Ag- OG62 | Ore Grade Ag - Four Acid | |
| ME- OG62 | Ore Grade Elements - Four Acid | ICP- AES |

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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Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description / Method | WEI- 21 | Au- AA26 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| LOD | 0.02 | 0.01 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| X497249 | 3.86 | 0.08 | 0.25 | 7.04 | 11.4 | 2990 | 0.98 | 0.28 | 3.36 | 0.34 | 26.5 | 4.7 | 7 | 1.52 | 10.8 |
| X497250 | 0.13 | 1.89 | 37.7 | 8.04 | 105.5 | 910 | 0.98 | 2.15 | 4.00 | 6.85 | 25.5 | 14.9 | 27 | 0.78 | 234 |
| X497251 | 3.50 | 0.03 | 0.41 | 7.17 | 13.9 | 4260 | 1.09 | 0.26 | 2.53 | 0.28 | 25.9 | 4.3 | 9 | 1.43 | 24.9 |
| X497252 | 4.41 | 0.06 | 0.50 | 6.53 | 13.7 | 4570 | 1.17 | 0.31 | 3.04 | 2.56 | 30.2 | 3.7 | 9 | 1.74 | 42.6 |
| X497253 | 3.77 | 0.03 | 0.15 | 6.48 | 8.6 | 2380 | 1.48 | 0.15 | 3.23 | 0.19 | 28.6 | 3.2 | 6 | 1.73 | 10.0 |
| X497254 | 3.88 | <0.01 | 0.09 | 7.18 | 4.6 | 2490 | 1.57 | 0.05 | 2.32 | 0.11 | 26.9 | 3.1 | 7 | 2.00 | 11.7 |
| X497255 | 4.07 | 0.02 | 0.11 | 7.15 | 8.0 | 1910 | 1.60 | 0.16 | 2.84 | 0.15 | 28.5 | 3.4 | 6 | 1.69 | 7.1 |
| X497256 | 4.40 | 0.03 | 0.21 | 6.79 | 16.4 | 1820 | 1.24 | 0.12 | 2.46 | 0.09 | 22.7 | 3.0 | 8 | 1.60 | 6.8 |
| X497257 | 2.48 | 0.17 | 1.66 | 6.53 | 18.1 | 1500 | 1.35 | 1.05 | 3.04 | 1.92 | 32.2 | 2.8 | 9 | 1.63 | 22.5 |
| X497258 | 4.13 | 0.02 | 0.42 | 6.87 | 7.1 | 2260 | 1.36 | 0.10 | 3.01 | 0.20 | 23.1 | 2.8 | 6 | 1.82 | 9.1 |
| X497259 | 4.18 | 0.01 | 0.40 | 6.27 | 8.7 | 2020 | 1.13 | 0.35 | 3.22 | 0.14 | 23.0 | 3.2 | 9 | 1.80 | 14.3 |
| X497260 | 1.09 | <0.01 | <0.01 | 0.08 | <0.2 | 20 | 0.07 | 0.03 | 34.0 | <0.02 | 1.06 | 0.6 | 2 | <0.05 | 1.0 |
| X497261 | 3.49 | 0.03 | 0.22 | 6.26 | 5.8 | 2180 | 1.21 | 0.08 | 3.36 | 0.27 | 21.9 | 2.8 | 8 | 1.91 | 8.1 |
| X497262 | 3.83 | 0.01 | 0.24 | 6.66 | 6.1 | 1790 | 1.27 | 0.16 | 2.76 | 0.12 | 23.1 | 2.9 | 7 | 1.54 | 6.6 |
| X497263 | 4.27 | <0.01 | 0.36 | 6.70 | 3.9 | 2110 | 1.27 | 0.06 | 2.87 | 0.13 | 25.6 | 2.7 | 7 | 1.17 | 6.8 |
| X497264 | 2.63 | 0.01 | 0.49 | 5.97 | 3.4 | 2130 | 1.12 | 0.05 | 2.78 | 0.30 | 17.00 | 1.8 | 9 | 0.75 | 11.5 |
| X497265 | 4.08 | 0.03 | 0.52 | 6.71 | 7.3 | 2010 | 1.14 | 0.35 | 2.70 | 0.24 | 23.7 | 2.6 | 9 | 0.96 | 15.4 |
| X497266 | 1.73 | 0.05 | 0.56 | 4.97 | 17.8 | 1310 | 0.89 | 0.31 | 2.14 | 0.28 | 22.3 | 3.2 | 15 | 0.58 | 27.4 |
| X497267 | 3.60 | 0.01 | 0.28 | 7.10 | 20.7 | 1070 | 1.20 | 0.18 | 3.91 | 0.24 | 25.8 | 14.0 | 83 | 1.01 | 67.2 |
| X497268 | 4.14 | 0.02 | 0.30 | 7.47 | 19.8 | 960 | 1.45 | 0.37 | 4.62 | 0.65 | 45.1 | 19.8 | 41 | 3.17 | 115.0 |
| X497269 | 4.26 | 0.01 | 0.26 | 6.67 | 14.2 | 910 | 1.52 | 0.39 | 7.05 | 1.07 | 48.5 | 21.0 | 15 | 3.31 | 160.5 |
| X497270 | 0.13 | 5.02 | >100 | 1.49 | 54.7 | 220 | 3.43 | 0.90 | 10.15 | 10.50 | 11.95 | 2.4 | 13 | 2.28 | 103.0 |
| X497271 | 4.07 | 0.01 | 0.16 | 7.12 | 9.9 | 1080 | 1.59 | 0.21 | 4.97 | 0.07 | 48.6 | 21.2 | 15 | 4.22 | 124.0 |
| X497272 | 1.66 | 0.01 | 0.30 | 7.58 | 12.1 | 1340 | 1.69 | 0.34 | 4.57 | 0.16 | 46.9 | 17.4 | 12 | 3.30 | 117.0 |
| X497273 | 2.37 | 0.02 | 1.30 | 8.18 | 30.6 | 1250 | 1.79 | 0.65 | 3.11 | 24.0 | 35.2 | 33.8 | 17 | 1.99 | 259 |
| X497274 | 3.05 | 0.01 | 0.39 | 7.62 | 18.2 | 1130 | 1.94 | 0.58 | 5.47 | 0.16 | 55.0 | 36.9 | 17 | 2.82 | 267 |
| X497275 | 2.05 | 0.01 | 0.37 | 7.13 | 22.0 | 720 | 1.72 | 0.73 | 5.74 | 0.16 | 50.8 | 40.5 | 16 | 2.19 | 390 |
| X497276 | 3.51 | 0.01 | 0.29 | 7.36 | 13.8 | 1390 | 1.64 | 0.38 | 4.93 | 0.27 | 49.4 | 26.3 | 14 | 3.87 | 219 |
| X497277 | 4.34 | <0.01 | 0.39 | 7.74 | 14.6 | 620 | 1.75 | 0.79 | 5.07 | 0.41 | 51.2 | 21.9 | 15 | 3.27 | 157.5 |
| X497278 | 2.70 | 0.01 | 0.25 | 7.91 | 11.5 | 600 | 1.74 | 0.45 | 5.33 | 0.07 | 49.1 | 17.1 | 15 | 3.75 | 98.4 |
| X497279 | 2.33 | 0.08 | 3.76 | 5.81 | 49.4 | 740 | 1.36 | 7.04 | 11.65 | 6.32 | 41.0 | 20.2 | 8 | 1.00 | 398 |
| X497280 | 2.13 | 0.04 | 0.80 | 7.41 | 32.5 | 800 | 2.58 | 1.39 | 4.86 | 0.28 | 54.4 | 42.7 | 21 | 1.55 | 523 |
| X497281 | 2.58 | 0.05 | 1.24 | 7.29 | 28.3 | 510 | 1.58 | 1.33 | 5.10 | 0.43 | 48.6 | 43.8 | 20 | 1.66 | 564 |
| X497282 | 4.32 | 0.01 | 0.71 | 7.47 | 30.5 | 840 | 1.64 | 1.40 | 6.31 | 3.38 | 52.2 | 35.3 | 21 | 2.87 | 356 |
| X497283 | 4.22 | <0.01 | 0.30 | 7.39 | 12.9 | 890 | 1.82 | 0.33 | 5.91 | 0.17 | 53.2 | 20.8 | 16 | 3.27 | 108.5 |
| X497284 | 3.67 | 0.01 | 0.31 | 7.65 | 17.2 | 1170 | 2.05 | 0.34 | 5.43 | 0.16 | 55.6 | 27.3 | 14 | 3.12 | 159.0 |
| X497285 | 4.35 | 0.02 | 0.58 | 7.41 | 20.2 | 690 | 1.88 | 0.98 | 6.44 | 0.19 | 59.6 | 25.8 | 13 | 2.90 | 284 |
| X497286 | 4.46 | 0.01 | 0.23 | 7.79 | 15.6 | 820 | 2.03 | 0.65 | 5.55 | 0.14 | 56.2 | 20.7 | 12 | 2.93 | 170.0 |
| X497287 | 4.31 | 0.01 | 0.24 | 7.65 | 16.0 | 900 | 2.07 | 0.82 | 4.80 | 0.12 | 53.8 | 22.1 | 13 | 3.41 | 180.0 |
| X497288 | 3.57 | <0.01 | 0.54 | 7.97 | 18.7 | 790 | 2.10 | 1.36 | 4.37 | 0.82 | 52.9 | 20.4 | 12 | 4.42 | 116.0 |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Fe<br>%<br>0.01 | ME- MS61<br>Ga<br>ppm<br>0.05 | ME- MS61<br>Ge<br>ppm<br>0.05 | ME- MS61<br>Hf<br>ppm<br>0.1 | ME- MS61<br>In<br>ppm<br>0.005 | ME- MS61<br>K<br>%<br>0.01 | ME- MS61<br>La<br>ppm<br>0.5 | ME- MS61<br>Li<br>ppm<br>0.2 | ME- MS61<br>Mg<br>%<br>0.01 | ME- MS61<br>Mn<br>ppm<br>5 | ME- MS61<br>Mo<br>ppm<br>0.05 | ME- MS61<br>Na<br>%<br>0.01 | ME- MS61<br>Nb<br>ppm<br>0.1 | ME- MS61<br>Ni<br>ppm<br>0.2 | ME- MS61<br>P<br>ppm<br>10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497249 | | 3.20 | 17.30 | 0.08 | 0.5 | 0.022 | 5.40 | 11.7 | 6.3 | 0.90 | 1460 | 3.00 | 0.73 | 4.5 | 2.6 | 790 |
| X497250 | | 4.54 | 16.95 | 0.11 | 1.3 | 0.129 | 1.34 | 11.7 | 9.0 | 1.34 | 1000 | 5.86 | 2.54 | 4.7 | 14.9 | 550 |
| X497251 | | 3.18 | 18.45 | 0.09 | 0.6 | 0.024 | 5.32 | 11.2 | 6.3 | 0.66 | 922 | 2.16 | 1.18 | 5.2 | 3.2 | 820 |
| X497252 | | 3.50 | 16.65 | 0.10 | 0.5 | 0.037 | 4.74 | 13.2 | 6.0 | 0.74 | 1390 | 2.94 | 1.01 | 4.7 | 4.9 | 770 |
| X497253 | | 2.41 | 16.75 | 0.09 | 0.6 | 0.022 | 4.23 | 12.2 | 5.3 | 0.51 | 884 | 6.72 | 0.59 | 4.9 | 3.2 | 760 |
| X497254 | | 2.32 | 18.75 | 0.08 | 0.7 | 0.026 | 4.31 | 12.1 | 6.8 | 0.47 | 689 | 3.88 | 0.44 | 5.3 | 8.8 | 830 |
| X497255 | | 2.55 | 17.00 | 0.10 | 0.6 | 0.024 | 4.09 | 12.9 | 6.2 | 0.60 | 985 | 9.45 | 0.34 | 4.9 | 4.6 | 790 |
| X497256 | | 2.63 | 16.70 | 0.07 | 0.5 | 0.020 | 4.60 | 10.0 | 5.5 | 0.53 | 977 | 11.25 | 0.92 | 4.8 | 5.4 | 770 |
| X497257 | | 2.71 | 16.00 | 0.08 | 0.5 | 0.040 | 4.44 | 15.4 | 5.9 | 0.80 | 1350 | 56.3 | 0.46 | 3.6 | 3.4 | 670 |
| X497258 | | 2.10 | 19.35 | 0.12 | 0.6 | 0.024 | 5.13 | 9.8 | 5.6 | 0.37 | 915 | 13.10 | 1.13 | 5.7 | 2.8 | 820 |
| X497259 | | 2.47 | 16.45 | 0.10 | 0.5 | 0.022 | 4.50 | 10.4 | 5.1 | 0.45 | 958 | 6.53 | 0.92 | 4.8 | 2.6 | 720 |
| X497260 | | 0.13 | 0.40 | 0.26 | <0.1 | <0.005 | 0.03 | 1.2 | 1.3 | 2.19 | 123 | 0.10 | 0.03 | 0.1 | 0.7 | 70 |
| X497261 | | 2.26 | 17.25 | 0.21 | 0.6 | 0.025 | 4.64 | 9.5 | 4.3 | 0.36 | 885 | 11.70 | 1.49 | 5.5 | 2.1 | 760 |
| X497262 | | 2.45 | 17.45 | 0.15 | 0.6 | 0.025 | 4.93 | 10.1 | 6.0 | 0.67 | 1120 | 18.95 | 0.97 | 4.9 | 2.4 | 770 |
| X497263 | | 2.11 | 15.30 | 0.07 | 0.5 | 0.046 | 4.76 | 10.5 | 5.3 | 0.45 | 804 | 6.26 | 1.31 | 4.7 | 2.8 | 750 |
| X497264 | | 1.70 | 14.50 | 0.06 | 0.4 | 0.031 | 5.00 | 6.3 | 4.3 | 0.26 | 676 | 8.12 | 1.45 | 4.1 | 2.1 | 680 |
| X497265 | | 2.23 | 15.50 | 0.07 | 0.4 | 0.036 | 4.78 | 9.8 | 5.4 | 0.38 | 709 | 6.68 | 1.40 | 4.5 | 2.3 | 750 |
| X497266 | | 2.31 | 10.45 | 0.07 | 0.2 | 0.037 | 2.75 | 10.5 | 4.5 | 0.54 | 681 | 8.92 | 1.12 | 2.6 | 3.8 | 570 |
| X497267 | | 3.33 | 16.55 | 0.09 | 0.3 | 0.048 | 3.96 | 10.9 | 10.6 | 1.49 | 703 | 59.7 | 2.53 | 4.5 | 66.0 | 1270 |
| X497268 | | 5.71 | 19.05 | 0.10 | 0.3 | 0.087 | 3.50 | 17.1 | 17.0 | 1.71 | 1460 | 61.5 | 2.09 | 8.8 | 22.3 | 1930 |
| X497269 | | 6.50 | 18.15 | 0.14 | 0.6 | 0.090 | 3.34 | 21.2 | 19.1 | 2.13 | 1670 | 284 | 1.42 | 6.8 | 10.3 | 2100 |
| X497270 | | 2.21 | 3.47 | 0.05 | 0.4 | 0.710 | 1.17 | 6.3 | 55.8 | 0.10 | 2090 | 7.43 | 0.03 | 2.2 | 9.5 | 110 |
| X497271 | | 6.87 | 19.45 | 0.12 | 0.3 | 0.092 | 3.44 | 19.6 | 25.9 | 2.97 | 1170 | 45.4 | 2.05 | 9.1 | 9.4 | 2300 |
| X497272 | | 5.76 | 20.6 | 0.13 | 0.2 | 0.089 | 3.66 | 18.3 | 25.3 | 2.51 | 1000 | 13.30 | 2.54 | 10.0 | 10.0 | 2190 |
| X497273 | | 5.66 | 21.2 | 0.11 | 0.5 | 0.091 | 4.47 | 14.7 | 17.8 | 1.45 | 612 | 16.75 | 2.93 | 11.7 | 62.4 | 2620 |
| X497274 | | 7.95 | 21.5 | 0.14 | 0.9 | 0.086 | 3.21 | 22.0 | 15.2 | 2.87 | 1300 | 26.3 | 1.94 | 10.2 | 10.9 | 2540 |
| X497275 | | 8.34 | 19.10 | 0.15 | 0.8 | 0.070 | 2.95 | 20.6 | 15.5 | 2.63 | 1240 | 39.0 | 1.82 | 10.2 | 11.4 | 2570 |
| X497276 | | 7.34 | 20.1 | 0.14 | 0.5 | 0.076 | 4.17 | 20.2 | 16.3 | 2.92 | 1220 | 46.0 | 1.67 | 9.8 | 10.0 | 2380 |
| X497277 | | 7.10 | 21.1 | 0.12 | 0.5 | 0.072 | 2.57 | 21.0 | 14.0 | 2.83 | 1160 | 53.0 | 2.74 | 9.6 | 8.8 | 2230 |
| X497278 | | 7.20 | 20.5 | 0.14 | 0.5 | 0.063 | 2.83 | 20.2 | 14.0 | 2.85 | 1360 | 24.8 | 2.49 | 9.3 | 6.7 | 2270 |
| X497279 | | 4.71 | 13.90 | 0.12 | 0.4 | 0.083 | 3.32 | 16.5 | 5.8 | 0.86 | 2860 | 53.8 | 1.68 | 7.1 | 9.9 | 1590 |
| X497280 | | 7.94 | 18.05 | 0.13 | 0.8 | 0.064 | 3.47 | 22.0 | 8.9 | 1.38 | 1000 | 74.5 | 2.25 | 11.7 | 8.2 | 2670 |
| X497281 | | 7.63 | 17.30 | 0.15 | 0.6 | 0.066 | 3.69 | 20.9 | 9.4 | 1.36 | 890 | 16.90 | 1.78 | 10.3 | 8.6 | 2070 |
| X497282 | | 8.08 | 20.5 | 0.17 | 0.8 | 0.092 | 3.31 | 21.8 | 12.0 | 2.21 | 1280 | 31.5 | 2.12 | 10.2 | 20.0 | 2290 |
| X497283 | | 7.49 | 19.90 | 0.13 | 0.5 | 0.085 | 2.90 | 21.7 | 13.7 | 2.99 | 1460 | 15.80 | 2.08 | 10.5 | 8.5 | 2330 |
| X497284 | | 7.47 | 21.5 | 0.12 | 0.6 | 0.076 | 3.01 | 22.6 | 13.3 | 3.04 | 1440 | 18.65 | 2.48 | 12.2 | 10.3 | 2670 |
| X497285 | | 7.41 | 21.0 | 0.16 | 1.0 | 0.105 | 2.86 | 25.5 | 12.8 | 2.61 | 1330 | 80.4 | 2.05 | 11.7 | 6.8 | 2830 |
| X497286 | | 7.08 | 22.2 | 0.15 | 0.8 | 0.102 | 2.80 | 22.4 | 13.6 | 2.32 | 1180 | 24.5 | 2.64 | 12.3 | 6.4 | 2480 |
| X497287 | | 6.66 | 21.7 | 0.13 | 0.6 | 0.068 | 2.74 | 21.5 | 13.0 | 2.25 | 1080 | 40.5 | 2.67 | 11.9 | 6.9 | 2310 |
| X497288 | | 5.95 | 20.3 | 0.16 | 0.3 | 0.066 | 2.40 | 21.7 | 13.3 | 2.12 | 1120 | 8.92 | 2.79 | 11.4 | 10.5 | 2390 |

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

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Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 Pb ppm 0.5 | ME- MS61 Rb ppm 0.1 | ME- MS61 Re ppm 0.002 | ME- MS61 S % 0.01 | ME- MS61 Sb ppm 0.05 | ME- MS61 Sc ppm 0.1 | ME- MS61 Se ppm 1 | ME- MS61 Sn ppm 0.2 | ME- MS61 Sr ppm 0.2 | ME- MS61 Ta ppm 0.05 | ME- MS61 Te ppm 0.05 | ME- MS61 Th ppm 0.01 | ME- MS61 Ti % 0.005 | ME- MS61 Tl ppm 0.02 | ME- MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497249 | | 33.6 | 71.0 | <0.002 | 0.94 | 1.16 | 6.7 | 1 | 0.9 | 414 | 0.24 | 0.09 | 3.55 | 0.205 | 0.63 | 1.3 |
| X497250 | | 701 | 25.9 | 0.002 | 0.31 | 19.60 | 14.5 | 2 | 1.7 | 429 | 0.30 | 0.27 | 2.81 | 0.288 | 0.44 | 1.2 |
| X497251 | | 49.9 | 62.8 | <0.002 | 1.02 | 1.18 | 6.9 | 1 | 1.0 | 470 | 0.26 | 0.14 | 3.29 | 0.223 | 0.60 | 1.3 |
| X497252 | | 23.5 | 77.2 | <0.002 | 0.87 | 1.79 | 7.4 | <1 | 0.9 | 472 | 0.25 | 0.07 | 3.44 | 0.212 | 0.59 | 1.3 |
| X497253 | | 13.1 | 75.5 | 0.003 | 0.46 | 1.71 | 6.3 | <1 | 0.9 | 392 | 0.27 | 0.05 | 3.27 | 0.222 | 0.62 | 1.3 |
| X497254 | | 5.3 | 82.1 | 0.003 | 0.22 | 4.15 | 6.6 | <1 | 1.0 | 277 | 0.30 | <0.05 | 3.80 | 0.239 | 0.61 | 1.4 |
| X497255 | | 5.9 | 83.5 | 0.004 | 0.49 | 2.17 | 7.3 | <1 | 1.0 | 286 | 0.26 | 0.05 | 3.76 | 0.218 | 0.56 | 1.3 |
| X497256 | | 19.0 | 74.3 | 0.006 | 0.55 | 1.50 | 6.3 | <1 | 0.9 | 366 | 0.26 | <0.05 | 3.33 | 0.217 | 0.58 | 1.3 |
| X497257 | | 176.0 | 98.3 | 0.074 | 0.89 | 2.14 | 6.4 | <1 | 0.8 | 334 | 0.19 | 0.59 | 3.71 | 0.164 | 0.54 | 1.4 |
| X497258 | | 38.7 | 80.1 | 0.004 | 0.38 | 1.54 | 6.7 | <1 | 1.0 | 458 | 0.31 | <0.05 | 3.29 | 0.232 | 0.63 | 1.2 |
| X497259 | | 18.2 | 86.8 | <0.002 | 0.61 | 1.65 | 6.1 | 1 | 0.9 | 475 | 0.25 | 0.06 | 3.39 | 0.211 | 0.58 | 1.3 |
| X497260 | | 0.5 | 1.0 | <0.002 | <0.01 | 0.07 | 0.3 | 1 | <0.2 | 82.1 | <0.05 | 0.06 | 0.08 | 0.005 | 0.02 | 0.2 |
| X497261 | | 24.7 | 85.8 | 0.005 | 0.29 | 1.36 | 6.3 | 1 | 0.9 | 607 | 0.28 | <0.05 | 2.95 | 0.229 | 0.54 | 1.0 |
| X497262 | | 17.2 | 80.3 | 0.007 | 0.36 | 1.84 | 6.3 | <1 | 0.9 | 396 | 0.26 | <0.05 | 3.34 | 0.219 | 0.56 | 1.6 |
| X497263 | | 15.1 | 96.7 | 0.002 | 0.20 | 1.63 | 5.9 | 1 | 0.8 | 522 | 0.26 | <0.05 | 4.16 | 0.226 | 0.59 | 1.3 |
| X497264 | | 36.4 | 69.7 | 0.003 | 0.33 | 2.36 | 5.0 | 1 | 0.8 | 545 | 0.25 | <0.05 | 2.82 | 0.217 | 0.48 | 1.1 |
| X497265 | | 26.2 | 93.5 | 0.003 | 0.58 | 2.35 | 6.2 | 1 | 0.7 | 536 | 0.24 | 0.13 | 3.71 | 0.228 | 0.54 | 1.2 |
| X497266 | | 30.8 | 63.9 | 0.009 | 0.89 | 6.48 | 4.3 | 1 | 0.6 | 457 | 0.14 | 0.08 | 2.90 | 0.142 | 0.32 | 0.8 |
| X497267 | | 14.9 | 85.1 | 0.084 | 0.93 | 11.50 | 10.0 | 2 | 0.7 | 712 | 0.27 | 0.07 | 2.90 | 0.304 | 0.58 | 1.0 |
| X497268 | | 23.8 | 110.0 | 0.086 | 1.68 | 3.27 | 20.0 | 3 | 1.6 | 538 | 0.51 | 0.07 | 3.49 | 0.580 | 0.70 | 0.9 |
| X497269 | | 18.6 | 121.0 | 0.172 | 1.97 | 2.47 | 23.6 | 4 | 1.6 | 640 | 0.39 | 0.09 | 3.05 | 0.632 | 0.70 | 1.0 |
| X497270 | | 5520 | 67.0 | 0.003 | 0.28 | 51.3 | 1.5 | 3 | 3.0 | 328 | 0.20 | 0.65 | 4.10 | 0.027 | 0.95 | 1.5 |
| X497271 | | 9.3 | 123.0 | 0.082 | 1.27 | 1.54 | 27.7 | 3 | 1.3 | 500 | 0.51 | 0.05 | 3.35 | 0.746 | 0.85 | 0.8 |
| X497272 | | 9.5 | 103.5 | 0.019 | 1.14 | 1.18 | 24.1 | 2 | 1.4 | 393 | 0.54 | 0.08 | 3.32 | 0.685 | 0.93 | 0.8 |
| X497273 | | 193.0 | 94.8 | 0.028 | 2.85 | 4.04 | 27.5 | 4 | 1.8 | 351 | 0.64 | 0.19 | 3.35 | 0.841 | 0.87 | 2.2 |
| X497274 | | 7.3 | 107.0 | 0.037 | 2.17 | 3.80 | 33.8 | 4 | 1.6 | 731 | 0.57 | 0.17 | 3.76 | 0.817 | 0.73 | 1.2 |
| X497275 | | 6.5 | 89.3 | 0.058 | 3.32 | 4.52 | 31.0 | 5 | 1.7 | 676 | 0.56 | 0.17 | 3.72 | 0.860 | 0.68 | 1.5 |
| X497276 | | 6.6 | 138.0 | 0.059 | 1.87 | 2.29 | 29.5 | 3 | 1.5 | 521 | 0.54 | 0.14 | 3.47 | 0.781 | 0.92 | 1.3 |
| X497277 | | 9.0 | 102.0 | 0.084 | 1.44 | 2.20 | 27.0 | 3 | 1.5 | 496 | 0.55 | 0.09 | 3.79 | 0.761 | 0.83 | 1.7 |
| X497278 | | 10.6 | 112.5 | 0.029 | 0.90 | 1.77 | 26.5 | 3 | 1.4 | 598 | 0.54 | 0.05 | 3.62 | 0.761 | 1.02 | 1.5 |
| X497279 | | 448 | 74.1 | 0.084 | 2.78 | 2.10 | 16.4 | 5 | 1.5 | 411 | 0.40 | 0.34 | 2.76 | 0.478 | 0.61 | 1.2 |
| X497280 | | 15.4 | 72.4 | 0.089 | 4.03 | 4.37 | 26.6 | 8 | 2.9 | 804 | 0.65 | 0.19 | 3.72 | 0.803 | 0.89 | 1.8 |
| X497281 | | 16.7 | 91.1 | 0.026 | 4.15 | 4.40 | 26.4 | 7 | 2.7 | 722 | 0.60 | 0.18 | 3.34 | 0.693 | 0.86 | 1.4 |
| X497282 | | 43.5 | 114.5 | 0.041 | 2.82 | 2.63 | 31.0 | 6 | 2.7 | 573 | 0.55 | 0.14 | 3.79 | 0.765 | 1.08 | 1.6 |
| X497283 | | 37.3 | 100.5 | 0.019 | 1.06 | 2.51 | 26.4 | 3 | 1.7 | 795 | 0.58 | <0.05 | 3.73 | 0.727 | 0.83 | 1.5 |
| X497284 | | 6.9 | 86.5 | 0.025 | 1.54 | 2.07 | 27.6 | 3 | 1.6 | 790 | 0.63 | 0.07 | 4.02 | 0.749 | 0.67 | 2.3 |
| X497285 | | 13.7 | 102.5 | 0.094 | 2.25 | 2.43 | 30.1 | 4 | 2.4 | 846 | 0.63 | 0.14 | 4.08 | 0.773 | 0.71 | 1.9 |
| X497286 | | 5.6 | 88.0 | 0.023 | 1.61 | 2.25 | 25.0 | 3 | 2.9 | 979 | 0.71 | 0.10 | 3.82 | 0.761 | 0.65 | 1.6 |
| X497287 | | 6.1 | 89.6 | 0.056 | 1.56 | 2.36 | 22.9 | 4 | 2.1 | 987 | 0.63 | 0.12 | 3.90 | 0.705 | 0.66 | 1.4 |
| X497288 | | 30.8 | 97.3 | 0.008 | 0.93 | 1.75 | 23.2 | 2 | 1.4 | 541 | 0.61 | 0.07 | 3.99 | 0.727 | 0.78 | 1.3 |

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

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Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>V<br>ppm<br>1 | ME- MS61<br>W<br>ppm<br>0.1 | ME- MS61<br>Y<br>ppm<br>0.1 | ME- MS61<br>Zn<br>ppm<br>2 | ME- MS61<br>Zr<br>ppm<br>0.5 | Ag- OG62<br>Ag<br>ppm<br>1 |
|---|---|---|---|---|---|---|---|
| X497249 | | 114 | 5.2 | 8.3 | 50 | 10.5 | |
| X497250 | | 112 | 5.7 | 18.5 | 1160 | 31.0 | |
| X497251 | | 115 | 3.7 | 8.4 | 79 | 10.9 | |
| X497252 | | 118 | 2.8 | 8.3 | 211 | 9.4 | |
| X497253 | | 101 | 4.4 | 8.1 | 41 | 11.7 | |
| X497254 | | 106 | 5.2 | 6.9 | 36 | 12.4 | |
| X497255 | | 99 | 5.1 | 7.7 | 31 | 11.0 | |
| X497256 | | 94 | 5.2 | 6.9 | 30 | 10.1 | |
| X497257 | | 85 | 5.9 | 7.3 | 163 | 8.9 | |
| X497258 | | 104 | 4.2 | 7.5 | 36 | 11.9 | |
| X497259 | | 110 | 2.9 | 7.4 | 34 | 9.5 | |
| X497260 | | 1 | <0.1 | 2.4 | 3 | 1.4 | |
| X497261 | | 95 | 3.3 | 7.8 | 49 | 9.9 | |
| X497262 | | 92 | 3.6 | 6.5 | 32 | 10.9 | |
| X497263 | | 98 | 2.9 | 6.8 | 37 | 8.2 | |
| X497264 | | 88 | 4.1 | 5.8 | 44 | 6.1 | |
| X497265 | | 112 | 4.4 | 7.1 | 43 | 6.3 | |
| X497266 | | 70 | 6.4 | 5.5 | 41 | 4.1 | |
| X497267 | | 133 | 2.2 | 9.8 | 56 | 8.5 | |
| X497268 | | 231 | 4.1 | 15.2 | 136 | 7.0 | |
| X497269 | | 302 | 3.3 | 16.6 | 191 | 13.8 | |
| X497270 | | 29 | 2.7 | 3.8 | 891 | 11.0 | 122 |
| X497271 | | 330 | 2.7 | 18.2 | 75 | 5.0 | |
| X497272 | | 292 | 2.6 | 18.4 | 70 | 3.5 | |
| X497273 | | 356 | 7.4 | 10.9 | 3300 | 8.1 | |
| X497274 | | 352 | 1.9 | 22.9 | 76 | 10.9 | |
| X497275 | | 357 | 2.5 | 21.9 | 68 | 11.3 | |
| X497276 | | 336 | 2.9 | 20.0 | 85 | 8.5 | |
| X497277 | | 334 | 2.1 | 19.9 | 97 | 8.6 | |
| X497278 | | 338 | 2.5 | 19.5 | 76 | 7.1 | |
| X497279 | | 209 | 4.4 | 15.2 | 871 | 7.3 | |
| X497280 | | 309 | 3.7 | 21.4 | 79 | 12.8 | |
| X497281 | | 276 | 5.0 | 19.6 | 85 | 9.3 | |
| X497282 | | 331 | 5.1 | 20.9 | 654 | 12.7 | |
| X497283 | | 327 | 1.4 | 20.1 | 113 | 8.2 | |
| X497284 | | 330 | 1.7 | 21.4 | 100 | 9.3 | |
| X497285 | | 337 | 1.5 | 21.4 | 79 | 16.3 | |
| X497286 | | 319 | 1.6 | 21.0 | 69 | 12.0 | |
| X497287 | | 300 | 1.2 | 19.4 | 66 | 8.6 | |
| X497288 | | 310 | 3.6 | 18.7 | 152 | 4.9 | |

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

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Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description / Method / Analyte / Units / LOD | WEI-21 Recvd Wt. kg 0.02 | Au-AA26 Au ppm 0.01 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497289 | 1.78 | 0.01 | 0.52 | 5.44 | 37.5 | 400 | 1.08 | 0.68 | 8.89 | 0.13 | 34.1 | 20.1 | 7 | 2.25 | 209 |
| X497290 | 0.13 | 12.10 | 32.7 | 5.53 | 5740 | 750 | 1.14 | 10.20 | 4.38 | 7.61 | 32.4 | 25.3 | 58 | 3.76 | 359 |
| X497291 | 2.96 | 0.04 | 1.28 | 6.43 | 59.5 | 610 | 1.11 | 2.33 | 4.74 | 4.68 | 37.2 | 36.4 | 11 | 1.20 | 537 |
| X497292 | 3.09 | 0.02 | 0.68 | 7.82 | 26.3 | 1050 | 2.45 | 1.64 | 4.34 | 0.56 | 64.1 | 31.6 | 14 | 2.86 | 276 |
| X497293 | 3.77 | 0.03 | 0.63 | 7.62 | 20.4 | 480 | 1.91 | 1.04 | 5.75 | 0.38 | 47.8 | 25.3 | 11 | 2.52 | 291 |
| X497294 | 4.27 | 0.02 | 0.29 | 7.56 | 14.9 | 940 | 1.61 | 1.17 | 5.59 | 0.17 | 48.2 | 13.6 | 10 | 2.36 | 160.0 |
| X497295 | 3.57 | 0.02 | 0.86 | 7.73 | 16.5 | 1080 | 1.82 | 11.30 | 4.25 | 0.16 | 51.4 | 18.0 | 11 | 2.32 | 211 |
| X497296 | 3.85 | 0.03 | 0.62 | 7.19 | 19.8 | 650 | 1.94 | 1.54 | 6.05 | 0.21 | 66.8 | 26.2 | 13 | 2.72 | 300 |
| X497297 | 2.62 | 0.02 | 0.52 | 7.41 | 16.1 | 960 | 1.87 | 0.75 | 5.98 | 0.16 | 57.3 | 22.5 | 18 | 2.77 | 190.5 |
| X497298 | 1.63 | 0.02 | 0.61 | 7.23 | 23.6 | 710 | 1.53 | 2.79 | 4.55 | 0.13 | 55.7 | 35.9 | 17 | 4.02 | 215 |
| X497299 | 4.02 | 0.01 | 0.26 | 7.37 | 13.7 | 1090 | 1.63 | 2.95 | 4.96 | 0.09 | 46.5 | 19.2 | 11 | 4.14 | 105.0 |
| X497300 | 0.98 | <0.01 | 0.02 | 0.08 | 2.0 | 30 | 0.07 | 0.17 | 35.3 | 0.69 | 1.23 | 0.6 | 1 | <0.05 | 7.4 |
| X497301 | 4.80 | <0.01 | 0.26 | 7.72 | 11.0 | 990 | 1.59 | 0.81 | 5.05 | 0.08 | 49.1 | 23.0 | 12 | 4.38 | 101.0 |
| X497302 | 1.36 | 0.01 | 0.22 | 7.43 | 9.8 | 700 | 1.49 | 0.60 | 5.87 | 0.09 | 51.5 | 23.8 | 14 | 4.98 | 108.5 |
| X497303 | 3.92 | 0.02 | 0.29 | 7.69 | 15.3 | 1420 | 1.48 | 0.55 | 4.31 | 0.11 | 41.2 | 20.9 | 13 | 3.64 | 168.5 |
| X497304 | 4.02 | 0.02 | 0.23 | 7.15 | 16.4 | 990 | 1.60 | 0.35 | 6.02 | 0.14 | 50.5 | 23.9 | 14 | 4.43 | 139.0 |
| X497305 | 4.07 | 0.02 | 0.25 | 6.95 | 15.7 | 940 | 1.48 | 0.60 | 6.22 | 0.10 | 52.8 | 23.6 | 15 | 5.14 | 144.5 |
| X497306 | 4.00 | 0.01 | 0.40 | 7.80 | 14.7 | 840 | 1.50 | 0.73 | 5.29 | 0.21 | 51.6 | 28.1 | 17 | 5.86 | 179.5 |
| X497307 | 2.69 | 0.01 | 0.29 | 7.51 | 15.8 | 770 | 1.57 | 0.45 | 5.48 | 0.88 | 47.8 | 18.6 | 16 | 4.47 | 153.5 |
| X497308 | 2.85 | 0.03 | 0.92 | 7.20 | 23.9 | 470 | 2.98 | 0.82 | 5.92 | 0.27 | 49.6 | 40.1 | 20 | 2.89 | 458 |
| X497309 | 3.12 | 0.01 | 0.31 | 7.56 | 12.8 | 740 | 2.42 | 0.58 | 6.61 | 0.11 | 48.9 | 20.4 | 20 | 1.62 | 181.5 |
| X497310 | 0.21 | 22.5 | 3.22 | 6.69 | 38.0 | 110 | 1.42 | 0.55 | 1.18 | 0.20 | 18.10 | 10.5 | 33 | 14.35 | 66.4 |
| X497311 | 1.73 | 0.01 | 0.16 | 6.86 | 13.2 | 760 | 2.89 | 0.67 | 5.13 | 0.08 | 40.5 | 18.2 | 17 | 2.09 | 77.6 |
| X497312 | 2.82 | <0.01 | 0.24 | 7.78 | 10.3 | 770 | 1.97 | 0.32 | 5.79 | 0.09 | 50.5 | 16.3 | 17 | 2.97 | 112.0 |
| X497313 | 1.35 | <0.01 | 0.14 | 7.48 | 8.8 | 930 | 1.62 | 0.10 | 4.72 | 0.05 | 41.8 | 17.0 | 16 | 4.16 | 67.7 |
| X497314 | 1.53 | 0.03 | 7.58 | 7.09 | 62.6 | 320 | 1.95 | 3.45 | 5.23 | 22.6 | 40.6 | 17.7 | 16 | 2.59 | 277 |
| X497315 | 2.46 | 0.01 | 1.41 | 7.72 | 13.6 | 950 | 2.06 | 0.44 | 6.70 | 4.23 | 48.9 | 15.2 | 16 | 2.44 | 140.0 |
| X497316 | 4.18 | 0.02 | 0.93 | 7.08 | 17.8 | 300 | 2.02 | 0.68 | 4.94 | 0.33 | 42.7 | 37.3 | 16 | 1.70 | 515 |
| X497317 | 3.76 | 0.01 | 0.37 | 7.67 | 11.8 | 1240 | 1.92 | 0.51 | 5.22 | 0.16 | 47.3 | 19.7 | 15 | 1.79 | 217 |
| X497318 | 4.12 | 0.01 | 0.41 | 7.38 | 13.2 | 1070 | 2.20 | 0.52 | 4.89 | 0.20 | 35.7 | 22.7 | 15 | 1.60 | 305 |
| X497319 | 4.00 | 0.04 | 4.28 | 7.51 | 27.2 | 400 | 1.49 | 1.50 | 4.55 | 42.1 | 44.7 | 20.0 | 10 | 1.87 | 506 |
| X497320 | 1.23 | <0.01 | 0.01 | 0.12 | <0.2 | 40 | 0.07 | 0.04 | 34.4 | 0.09 | 1.28 | 0.6 | 1 | <0.05 | 3.4 |
| X497321 | 4.19 | 0.02 | 1.73 | 7.35 | 21.3 | 1530 | 1.03 | 2.90 | 3.58 | 22.1 | 39.7 | 15.2 | 8 | 2.16 | 322 |
| X497322 | 4.08 | 0.01 | 0.93 | 7.42 | 17.7 | 1560 | 1.62 | 1.72 | 5.00 | 7.00 | 32.3 | 14.0 | 11 | 1.61 | 199.5 |
| X497323 | 2.25 | 0.02 | 0.71 | 7.68 | 25.6 | 820 | 3.05 | 0.35 | 4.00 | 0.41 | 29.4 | 31.4 | 13 | 1.84 | 416 |
| X497324 | 2.88 | 0.02 | 0.77 | 8.78 | 32.6 | 800 | 3.42 | 0.29 | 1.06 | 0.26 | 42.2 | 47.4 | 14 | 2.64 | 498 |
| X497325 | 1.82 | 0.02 | 0.54 | 6.78 | 1130 | 80 | 3.05 | 0.14 | 1.72 | 0.13 | 35.6 | 29.9 | 16 | 1.33 | 376 |
| X497326 | 1.85 | 0.01 | 0.39 | 6.05 | 1570 | 70 | 1.45 | 0.35 | 3.81 | 0.15 | 35.8 | 18.9 | 6 | 1.33 | 201 |
| X497327 | 2.27 | 0.02 | 0.35 | 8.19 | 13.8 | 1480 | 1.46 | 0.74 | 1.59 | 0.45 | 43.3 | 21.3 | 6 | 2.61 | 188.5 |
| X497328 | 1.94 | 0.01 | 0.50 | 6.94 | 14.4 | 1270 | 1.35 | 0.83 | 4.82 | 0.43 | 44.2 | 14.0 | 5 | 1.26 | 96.3 |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method / Analyte / Units / LOD | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497289 | | 5.57 | 14.25 | 0.11 | 0.4 | 0.038 | 1.84 | 15.2 | 12.0 | 2.84 | 1180 | 4.83 | 0.66 | 7.8 | 6.0 | 1460 |
| X497290 | | 10.35 | 14.95 | 0.08 | 1.6 | 1.545 | 1.38 | 15.9 | 18.6 | 1.05 | 1040 | 45.3 | 0.98 | 4.7 | 29.4 | 630 |
| X497291 | | 6.46 | 16.65 | 0.12 | 0.4 | 0.064 | 3.49 | 15.2 | 10.7 | 0.80 | 883 | 42.7 | 1.20 | 10.5 | 18.1 | 2110 |
| X497292 | | 6.69 | 21.7 | 0.17 | 0.6 | 0.081 | 4.32 | 29.1 | 10.1 | 1.22 | 768 | 65.1 | 2.21 | 12.3 | 7.6 | 2560 |
| X497293 | | 6.45 | 19.65 | 0.17 | 0.6 | 0.064 | 2.88 | 20.3 | 10.9 | 1.72 | 922 | 77.4 | 2.51 | 10.2 | 5.3 | 2560 |
| X497294 | | 5.24 | 18.00 | 0.14 | 0.5 | 0.045 | 3.61 | 19.7 | 10.3 | 1.81 | 1090 | 31.6 | 2.43 | 10.2 | 4.4 | 2150 |
| X497295 | | 5.12 | 18.90 | 0.14 | 0.6 | 0.042 | 4.74 | 22.1 | 10.2 | 1.69 | 854 | 55.4 | 2.15 | 11.4 | 5.0 | 2320 |
| X497296 | | 6.04 | 19.55 | 0.16 | 0.7 | 0.066 | 3.53 | 35.5 | 10.0 | 2.14 | 1020 | 52.9 | 2.03 | 11.1 | 7.1 | 2450 |
| X497297 | | 6.28 | 19.25 | 0.15 | 0.9 | 0.074 | 3.47 | 26.1 | 11.3 | 2.64 | 1160 | 19.60 | 2.05 | 12.1 | 10.5 | 2690 |
| X497298 | | 8.33 | 20.2 | 0.18 | 1.0 | 0.063 | 3.86 | 23.1 | 15.1 | 2.85 | 1140 | 66.2 | 1.67 | 11.5 | 16.5 | 2580 |
| X497299 | | 6.58 | 21.0 | 0.12 | 0.4 | 0.064 | 4.54 | 22.3 | 14.6 | 2.82 | 1200 | 59.2 | 1.79 | 11.3 | 7.9 | 2780 |
| X497300 | | 0.13 | 0.30 | 0.11 | <0.1 | 0.020 | 0.02 | 1.3 | 1.0 | 1.55 | 111 | 0.25 | 0.03 | 0.2 | 0.7 | 70 |
| X497301 | | 6.61 | 21.0 | 0.11 | 0.3 | 0.067 | 4.31 | 23.9 | 12.6 | 2.65 | 1280 | 44.1 | 2.30 | 12.0 | 7.8 | 2770 |
| X497302 | | 7.25 | 20.4 | 0.11 | 0.5 | 0.086 | 3.85 | 25.2 | 13.6 | 2.75 | 1460 | 23.3 | 2.22 | 10.6 | 9.5 | 2540 |
| X497303 | | 6.32 | 20.7 | 0.12 | 0.5 | 0.049 | 4.81 | 19.4 | 12.2 | 2.46 | 1240 | 78.0 | 2.19 | 10.7 | 7.6 | 2480 |
| X497304 | | 7.99 | 21.6 | 0.12 | 0.6 | 0.098 | 3.79 | 24.5 | 14.5 | 2.94 | 1580 | 48.5 | 1.62 | 10.5 | 10.2 | 2510 |
| X497305 | | 8.49 | 21.7 | 0.13 | 0.6 | 0.109 | 3.92 | 25.6 | 15.7 | 3.43 | 1840 | 29.3 | 1.40 | 10.2 | 10.1 | 2740 |
| X497306 | | 9.23 | 23.6 | 0.14 | 0.3 | 0.098 | 4.22 | 24.3 | 19.8 | 3.56 | 1600 | 68.1 | 1.97 | 12.1 | 11.9 | 2980 |
| X497307 | | 6.79 | 19.65 | 0.12 | 0.3 | 0.063 | 3.34 | 23.8 | 12.0 | 2.76 | 1280 | 25.6 | 2.54 | 9.2 | 11.0 | 2240 |
| X497308 | | 7.90 | 18.55 | 0.12 | 0.5 | 0.074 | 3.23 | 25.5 | 7.6 | 1.48 | 1180 | 59.2 | 2.28 | 9.1 | 13.7 | 2170 |
| X497309 | | 5.36 | 21.8 | 0.13 | 0.9 | 0.091 | 2.59 | 24.4 | 8.3 | 1.85 | 1110 | 70.9 | 2.56 | 9.1 | 8.5 | 2190 |
| X497310 | | 4.56 | 22.1 | 0.08 | 2.9 | 0.029 | 3.43 | 4.8 | 67.1 | 0.62 | 361 | 2220 | 0.69 | 2.1 | 22.5 | 280 |
| X497311 | | 4.89 | 17.65 | 0.08 | 0.5 | 0.064 | 2.53 | 20.4 | 8.6 | 1.36 | 927 | 124.5 | 2.34 | 8.1 | 8.2 | 1690 |
| X497312 | | 5.96 | 22.3 | 0.12 | 0.7 | 0.112 | 2.76 | 23.5 | 10.0 | 2.30 | 1240 | 71.6 | 2.61 | 9.9 | 12.1 | 1950 |
| X497313 | | 6.37 | 20.8 | 0.11 | 0.4 | 0.051 | 3.57 | 19.3 | 13.0 | 2.66 | 1440 | 33.3 | 2.53 | 9.7 | 12.3 | 2060 |
| X497314 | | 7.36 | 18.55 | 0.14 | 0.4 | 0.070 | 4.07 | 19.5 | 7.3 | 1.77 | 1460 | 53.7 | 2.05 | 9.1 | 11.6 | 1870 |
| X497315 | | 5.30 | 22.0 | 0.10 | 0.7 | 0.100 | 2.86 | 24.9 | 8.4 | 2.07 | 1340 | 52.6 | 2.52 | 9.2 | 10.1 | 1880 |
| X497316 | | 7.35 | 18.05 | 0.13 | 0.6 | 0.050 | 2.98 | 20.4 | 7.1 | 1.15 | 908 | 84.7 | 2.34 | 9.4 | 13.6 | 1890 |
| X497317 | | 6.04 | 20.5 | 0.14 | 0.8 | 0.103 | 3.08 | 22.3 | 8.9 | 1.44 | 1080 | 26.3 | 2.63 | 11.2 | 10.5 | 2150 |
| X497318 | | 5.67 | 21.0 | 0.10 | 0.6 | 0.085 | 3.04 | 15.3 | 9.8 | 1.38 | 974 | 130.5 | 2.86 | 9.6 | 12.0 | 1810 |
| X497319 | | 5.51 | 18.60 | 0.12 | 0.3 | 0.060 | 3.35 | 21.4 | 9.5 | 1.18 | 1240 | 136.0 | 2.53 | 10.1 | 10.1 | 1850 |
| X497320 | | 0.12 | 0.32 | <0.05 | 0.1 | <0.005 | 0.03 | 1.4 | 0.8 | 1.12 | 105 | 0.43 | 0.05 | 0.2 | 0.4 | 70 |
| X497321 | | 5.36 | 19.10 | 0.10 | 0.3 | 0.052 | 3.80 | 18.5 | 8.6 | 1.54 | 1450 | 76.4 | 2.27 | 11.1 | 7.4 | 2030 |
| X497322 | | 3.86 | 18.70 | 0.11 | 0.4 | 0.041 | 4.35 | 15.1 | 7.1 | 1.23 | 927 | 24.1 | 2.49 | 9.0 | 8.5 | 1680 |
| X497323 | | 5.70 | 20.2 | 0.10 | 0.4 | 0.040 | 4.14 | 13.4 | 7.6 | 0.96 | 842 | 82.4 | 2.30 | 9.0 | 17.9 | 1540 |
| X497324 | | 6.47 | 24.1 | 0.13 | 0.8 | 0.061 | 3.70 | 19.4 | 13.3 | 1.21 | 533 | 64.7 | 2.15 | 9.9 | 25.7 | 2030 |
| X497325 | | 9.23 | 18.75 | 0.11 | 0.5 | 0.033 | 3.54 | 15.9 | 11.8 | 0.90 | 718 | 186.0 | 1.07 | 8.8 | 22.8 | 1600 |
| X497326 | | 8.65 | 16.20 | 0.12 | 0.4 | 0.036 | 3.59 | 16.6 | 8.3 | 1.44 | 820 | 44.4 | 1.15 | 9.0 | 14.6 | 1550 |
| X497327 | | 4.98 | 20.7 | 0.12 | 0.4 | 0.068 | 3.99 | 20.6 | 10.6 | 1.30 | 725 | 202 | 2.46 | 11.7 | 10.1 | 2140 |
| X497328 | | 4.83 | 18.50 | 0.11 | 0.3 | 0.041 | 3.51 | 20.2 | 7.4 | 1.74 | 1940 | 150.0 | 2.52 | 10.4 | 6.5 | 1830 |

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

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Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Pb<br>ppm<br>0.5 | ME- MS61<br>Rb<br>ppm<br>0.1 | ME- MS61<br>Re<br>ppm<br>0.002 | ME- MS61<br>S<br>%<br>0.01 | ME- MS61<br>Sb<br>ppm<br>0.05 | ME- MS61<br>Sc<br>ppm<br>0.1 | ME- MS61<br>Se<br>ppm<br>1 | ME- MS61<br>Sn<br>ppm<br>0.2 | ME- MS61<br>Sr<br>ppm<br>0.2 | ME- MS61<br>Ta<br>ppm<br>0.05 | ME- MS61<br>Te<br>ppm<br>0.05 | ME- MS61<br>Th<br>ppm<br>0.01 | ME- MS61<br>Ti<br>%<br>0.005 | ME- MS61<br>Tl<br>ppm<br>0.02 | ME- MS61<br>U<br>ppm<br>0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497289 | | 10.5 | 61.8 | 0.007 | 1.71 | 2.90 | 15.0 | 3 | 1.5 | 967 | 0.42 | 0.09 | 2.68 | 0.463 | 0.41 | 1.1 |
| X497290 | | 304 | 59.6 | 0.015 | 2.64 | 9.90 | 9.9 | 2 | 7.1 | 338 | 0.29 | 9.27 | 4.52 | 0.225 | 1.27 | 9.4 |
| X497291 | | 41.6 | 49.8 | 0.053 | 4.17 | 3.77 | 18.3 | 8 | 2.3 | 491 | 0.58 | 0.39 | 2.98 | 0.615 | 0.71 | 1.1 |
| X497292 | | 34.8 | 112.5 | 0.091 | 3.53 | 2.62 | 23.5 | 6 | 2.9 | 841 | 0.66 | 0.20 | 4.16 | 0.692 | 0.77 | 1.7 |
| X497293 | | 15.2 | 105.0 | 0.081 | 2.88 | 2.91 | 18.5 | 5 | 1.8 | 1115 | 0.59 | 0.13 | 3.91 | 0.591 | 0.69 | 2.2 |
| X497294 | | 13.2 | 120.0 | 0.036 | 1.43 | 1.58 | 17.2 | 3 | 1.3 | 580 | 0.55 | 0.07 | 3.73 | 0.569 | 0.77 | 1.4 |
| X497295 | | 23.3 | 115.0 | 0.064 | 1.84 | 1.87 | 16.4 | 4 | 1.8 | 721 | 0.66 | 0.32 | 3.97 | 0.611 | 0.81 | 1.5 |
| X497296 | | 8.1 | 114.0 | 0.086 | 2.46 | 1.98 | 24.6 | 5 | 3.8 | 871 | 0.61 | 0.13 | 4.16 | 0.680 | 0.77 | 1.6 |
| X497297 | | 6.7 | 128.5 | 0.027 | 1.77 | 1.84 | 25.4 | 4 | 2.3 | 930 | 0.66 | 0.10 | 4.12 | 0.666 | 0.81 | 1.3 |
| X497298 | | 8.6 | 175.0 | 0.051 | 3.30 | 2.09 | 26.0 | 5 | 1.9 | 624 | 0.65 | 0.44 | 4.04 | 0.681 | 1.19 | 1.8 |
| X497299 | | 8.8 | 143.5 | 0.058 | 1.10 | 1.34 | 25.7 | 2 | 1.5 | 594 | 0.62 | 0.11 | 3.13 | 0.728 | 1.23 | 1.7 |
| X497300 | | 8.2 | 0.7 | <0.002 | 0.01 | 0.23 | 0.2 | 1 | <0.2 | 83.4 | <0.05 | <0.05 | 0.11 | 0.007 | 0.02 | 0.5 |
| X497301 | | 8.7 | 135.5 | 0.056 | 1.00 | 0.95 | 22.4 | 2 | 1.3 | 688 | 0.65 | 0.07 | 3.51 | 0.681 | 0.91 | 1.4 |
| X497302 | | 5.8 | 155.5 | 0.026 | 1.06 | 0.87 | 28.8 | 2 | 1.4 | 642 | 0.54 | 0.07 | 3.37 | 0.763 | 1.01 | 1.1 |
| X497303 | | 6.1 | 101.0 | 0.113 | 1.47 | 1.18 | 18.8 | 3 | 1.5 | 1195 | 0.61 | 0.12 | 2.76 | 0.656 | 0.88 | 1.5 |
| X497304 | | 7.1 | 134.0 | 0.082 | 1.20 | 2.20 | 29.6 | 3 | 1.9 | 2030 | 0.57 | 0.10 | 3.24 | 0.764 | 0.83 | 1.2 |
| X497305 | | 5.6 | 145.0 | 0.044 | 1.42 | 1.99 | 32.8 | 2 | 2.2 | 1130 | 0.53 | 0.08 | 3.17 | 0.849 | 0.84 | 1.3 |
| X497306 | | 8.4 | 138.0 | 0.083 | 1.55 | 1.24 | 31.0 | 3 | 2.0 | 1210 | 0.63 | 0.09 | 3.37 | 0.894 | 0.99 | 1.5 |
| X497307 | | 9.4 | 112.5 | 0.031 | 1.16 | 0.81 | 21.5 | 2 | 1.6 | 577 | 0.52 | 0.05 | 3.54 | 0.668 | 0.75 | 1.5 |
| X497308 | | 16.8 | 88.9 | 0.071 | 3.75 | 1.32 | 21.4 | 5 | 2.0 | 517 | 0.53 | 0.14 | 3.16 | 0.706 | 0.61 | 1.8 |
| X497309 | | 6.4 | 67.0 | 0.072 | 1.65 | 2.55 | 23.2 | 3 | 2.0 | 941 | 0.51 | 0.06 | 3.61 | 0.691 | 0.39 | 1.9 |
| X497310 | | 27.4 | 72.9 | 0.169 | 3.54 | 74.8 | 5.7 | 5 | 4.2 | 286 | 0.14 | 1.94 | 1.47 | 0.189 | 17.50 | 0.6 |
| X497311 | | 9.5 | 72.8 | 0.174 | 1.57 | 2.55 | 16.0 | 3 | 1.6 | 691 | 0.50 | 0.09 | 3.34 | 0.518 | 0.48 | 1.5 |
| X497312 | | 10.0 | 91.2 | 0.098 | 1.10 | 2.24 | 24.1 | 3 | 2.0 | 876 | 0.57 | <0.05 | 3.44 | 0.694 | 0.59 | 1.6 |
| X497313 | | 16.2 | 106.5 | 0.058 | 0.66 | 1.07 | 22.1 | 1 | 1.2 | 478 | 0.55 | <0.05 | 2.79 | 0.687 | 0.79 | 1.3 |
| X497314 | | 5520 | 85.1 | 0.108 | 3.71 | 8.20 | 22.9 | 7 | 1.1 | 411 | 0.51 | 0.59 | 2.79 | 0.637 | 0.67 | 1.3 |
| X497315 | | 720 | 80.9 | 0.072 | 1.40 | 2.96 | 22.5 | 3 | 1.9 | 1075 | 0.54 | 0.14 | 3.26 | 0.678 | 0.52 | 1.8 |
| X497316 | | 27.2 | 60.1 | 0.115 | 4.01 | 2.20 | 19.2 | 7 | 1.8 | 1070 | 0.57 | 0.22 | 3.13 | 0.614 | 0.38 | 1.5 |
| X497317 | | 11.9 | 63.2 | 0.035 | 1.99 | 2.35 | 22.1 | 3 | 2.2 | 1305 | 0.65 | 0.15 | 3.49 | 0.696 | 0.44 | 1.5 |
| X497318 | | 13.4 | 56.0 | 0.205 | 2.54 | 1.72 | 19.1 | 4 | 2.2 | 1065 | 0.53 | 0.16 | 2.49 | 0.649 | 0.49 | 1.1 |
| X497319 | | 4810 | 75.0 | 0.221 | 2.99 | 4.92 | 17.2 | 4 | 1.4 | 585 | 0.57 | 0.29 | 3.23 | 0.550 | 0.50 | 1.2 |
| X497320 | | 5.9 | 0.6 | <0.002 | 0.01 | <0.05 | 0.4 | 1 | <0.2 | 83.6 | <0.05 | <0.05 | 0.08 | 0.011 | <0.02 | 0.2 |
| X497321 | | 516 | 80.6 | 0.122 | 1.94 | 1.21 | 15.3 | 2 | 1.2 | 461 | 0.65 | 0.11 | 3.03 | 0.554 | 0.63 | 1.1 |
| X497322 | | 133.0 | 76.7 | 0.037 | 1.55 | 1.76 | 14.6 | 3 | 1.3 | 1160 | 0.51 | 0.08 | 2.39 | 0.529 | 0.65 | 0.9 |
| X497323 | | 49.3 | 75.3 | 0.126 | 3.31 | 2.24 | 14.2 | 4 | 1.6 | 994 | 0.51 | 0.10 | 2.36 | 0.518 | 0.64 | 0.8 |
| X497324 | | 17.8 | 86.2 | 0.104 | 3.99 | 2.71 | 21.9 | 9 | 2.3 | 559 | 0.56 | 0.12 | 3.00 | 0.681 | 0.81 | 1.3 |
| X497325 | | 9.5 | 69.2 | 0.297 | 7.80 | 91.6 | 16.6 | 5 | 1.8 | 373 | 0.50 | 0.14 | 2.61 | 0.523 | 6.20 | 1.4 |
| X497326 | | 7.4 | 71.5 | 0.058 | 8.24 | 134.5 | 10.6 | 3 | 1.1 | 435 | 0.52 | 0.10 | 2.56 | 0.421 | 9.25 | 1.4 |
| X497327 | | 18.0 | 92.6 | 0.349 | 1.86 | 1.73 | 15.8 | 3 | 2.2 | 555 | 0.69 | 0.15 | 3.61 | 0.552 | 0.74 | 1.7 |
| X497328 | | 30.4 | 71.7 | 0.245 | 0.90 | 1.68 | 14.0 | 2 | 1.1 | 630 | 0.58 | 0.11 | 2.95 | 0.484 | 0.52 | 1.3 |

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

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 | Ag- OG62 Ag ppm 1 |
|---|---|---|---|---|---|---|---|
| X497289 | | 200 | 9.3 | 15.3 | 60 | 7.1 | |
| X497290 | | 87 | 18.4 | 11.7 | 904 | 49.0 | |
| X497291 | | 236 | 7.8 | 13.6 | 511 | 6.6 | |
| X497292 | | 279 | 1.6 | 20.9 | 203 | 9.4 | |
| X497293 | | 264 | 4.3 | 19.0 | 131 | 10.5 | |
| X497294 | | 240 | 4.0 | 16.7 | 70 | 6.0 | |
| X497295 | | 230 | 1.8 | 17.5 | 62 | 8.6 | |
| X497296 | | 277 | 3.7 | 20.2 | 50 | 11.1 | |
| X497297 | | 256 | 2.2 | 18.5 | 58 | 7.6 | |
| X497298 | | 264 | 5.8 | 19.0 | 69 | 14.0 | |
| X497299 | | 312 | 3.1 | 19.3 | 76 | 7.0 | |
| X497300 | | 2 | <0.1 | 2.4 | 47 | 2.0 | |
| X497301 | | 292 | 2.1 | 19.1 | 73 | 6.1 | |
| X497302 | | 313 | 1.3 | 21.8 | 83 | 4.3 | |
| X497303 | | 278 | 2.9 | 16.9 | 68 | 8.1 | |
| X497304 | | 325 | 2.0 | 20.9 | 94 | 9.6 | |
| X497305 | | 365 | 3.6 | 21.4 | 96 | 21.3 | |
| X497306 | | 370 | 1.7 | 21.9 | 116 | 6.1 | |
| X497307 | | 272 | 1.3 | 18.5 | 136 | 8.1 | |
| X497308 | | 270 | 2.6 | 19.5 | 75 | 9.4 | |
| X497309 | | 277 | 2.6 | 22.1 | 47 | 15.4 | |
| X497310 | | 574 | 40.6 | 4.5 | 102 | 105.5 | |
| X497311 | | 223 | 4.4 | 16.3 | 50 | 11.0 | |
| X497312 | | 286 | 1.2 | 20.8 | 65 | 13.1 | |
| X497313 | | 279 | 0.8 | 20.0 | 116 | 6.5 | |
| X497314 | | 249 | 1.3 | 18.1 | 2880 | 5.2 | |
| X497315 | | 285 | 1.5 | 19.1 | 596 | 14.3 | |
| X497316 | | 239 | 2.1 | 18.2 | 88 | 12.4 | |
| X497317 | | 276 | 1.6 | 20.6 | 73 | 16.1 | |
| X497318 | | 251 | 2.3 | 17.9 | 50 | 13.4 | |
| X497319 | | 210 | 3.0 | 18.5 | 5110 | 7.1 | |
| X497320 | | 3 | <0.1 | 2.4 | 14 | 2.5 | |
| X497321 | | 225 | 3.8 | 15.6 | 2730 | 6.1 | |
| X497322 | | 204 | 3.1 | 15.1 | 795 | 8.5 | |
| X497323 | | 196 | 7.9 | 12.3 | 92 | 7.7 | |
| X497324 | | 265 | 26.1 | 17.2 | 78 | 12.7 | |
| X497325 | | 216 | 14.3 | 15.6 | 50 | 13.0 | |
| X497326 | | 160 | 7.2 | 18.6 | 48 | 10.0 | |
| X497327 | | 210 | 11.2 | 16.7 | 93 | 8.1 | |
| X497328 | | 196 | 5.5 | 21.4 | 83 | 6.4 | |

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650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method<br>Analyte<br>Units<br>LOD | WEI- 21<br>Recvd Wt.<br>kg<br>0.02 | Au- AA26<br>Au<br>ppm<br>0.01 | ME- MS61<br>Ag<br>ppm<br>0.01 | ME- MS61<br>Al<br>%<br>0.01 | ME- MS61<br>As<br>ppm<br>0.2 | ME- MS61<br>Ba<br>ppm<br>10 | ME- MS61<br>Be<br>ppm<br>0.05 | ME- MS61<br>Bi<br>ppm<br>0.01 | ME- MS61<br>Ca<br>%<br>0.01 | ME- MS61<br>Cd<br>ppm<br>0.02 | ME- MS61<br>Ce<br>ppm<br>0.01 | ME- MS61<br>Co<br>ppm<br>0.1 | ME- MS61<br>Cr<br>ppm<br>1 | ME- MS61<br>Cs<br>ppm<br>0.05 | ME- MS61<br>Cu<br>ppm<br>0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497329 | | 1.28 | 0.02 | 0.29 | 3.60 | 3160 | 100 | 2.22 | 0.21 | 7.99 | 2.19 | 26.3 | 12.2 | 3 | 1.21 | 45.7 |
| X497330 | | 0.21 | 22.6 | 3.11 | 6.41 | 38.2 | 90 | 1.42 | 0.58 | 1.14 | 0.19 | 18.75 | 10.2 | 33 | 14.30 | 64.8 |
| X497331 | | 1.86 | 0.02 | 0.27 | 6.86 | 277 | 1120 | 1.32 | 0.24 | 4.34 | 1.37 | 40.2 | 14.4 | 3 | 1.02 | 89.2 |
| X497332 | | 1.73 | 0.01 | 0.24 | 7.99 | 69.2 | 1500 | 1.62 | 0.33 | 2.57 | 0.09 | 42.9 | 17.5 | 4 | 1.17 | 134.5 |
| X497333 | | 3.72 | 0.02 | 0.24 | 8.48 | 17.1 | 1310 | 1.77 | 1.93 | 1.85 | 0.12 | 42.8 | 16.0 | 5 | 1.76 | 96.7 |
| X497334 | | 3.68 | 0.01 | 0.16 | 7.47 | 8.3 | 1450 | 1.46 | 0.36 | 4.16 | 0.10 | 42.7 | 19.9 | 12 | 3.20 | 87.9 |
| X497335 | | 3.83 | 0.03 | 0.36 | 8.48 | 12.5 | 1510 | 1.73 | 0.57 | 3.99 | 0.23 | 48.9 | 25.2 | 8 | 3.15 | 213 |
| X497336 | | 4.13 | 0.02 | 0.29 | 8.12 | 10.5 | 1110 | 1.70 | 1.04 | 3.78 | 0.12 | 43.9 | 19.5 | 7 | 2.59 | 160.0 |
| X497337 | | 3.95 | 0.01 | 0.17 | 8.45 | 7.2 | 1340 | 1.73 | 0.69 | 4.29 | 0.11 | 46.8 | 17.5 | 6 | 2.55 | 98.3 |
| X497338 | | 4.02 | 0.02 | 0.23 | 7.92 | 13.9 | 1290 | 1.62 | 0.69 | 4.04 | 0.11 | 43.1 | 20.2 | 9 | 2.22 | 154.0 |
| X497339 | | 4.21 | 0.02 | 0.34 | 8.51 | 10.4 | 1070 | 1.73 | 0.60 | 3.74 | 0.13 | 41.2 | 23.1 | 21 | 1.68 | 265 |
| X497340 | | 4.24 | 0.02 | 0.31 | 8.26 | 13.9 | 1160 | 1.56 | 0.54 | 4.71 | 0.19 | 48.0 | 25.1 | 16 | 2.38 | 203 |
| X497341 | | 2.55 | 0.04 | 0.49 | 7.97 | 5.9 | 1280 | 1.78 | 0.73 | 3.87 | 0.25 | 36.4 | 22.1 | 16 | 3.12 | 111.0 |
| X497342 | | 3.26 | 0.03 | 0.24 | 7.93 | 19.2 | 1640 | 1.39 | 0.57 | 7.67 | 0.50 | 36.8 | 18.9 | 12 | 0.86 | 20.8 |
| X497343 | | 3.43 | 0.02 | 0.22 | 7.77 | 7.1 | 1060 | 1.52 | 0.19 | 4.27 | 0.22 | 40.6 | 18.1 | 20 | 2.22 | 118.5 |
| X497344 | | 3.96 | 0.01 | 0.37 | 8.04 | 6.9 | 800 | 1.46 | 0.27 | 5.40 | 0.13 | 50.2 | 18.0 | 14 | 2.62 | 130.0 |
| X497345 | | 4.31 | 0.02 | 0.50 | 7.76 | 7.7 | 910 | 1.67 | 0.51 | 4.27 | 0.20 | 38.7 | 19.9 | 22 | 2.43 | 165.5 |
| X497346 | | 3.82 | 0.03 | 0.77 | 7.13 | 5.8 | 840 | 1.31 | 0.20 | 6.49 | 1.07 | 47.4 | 12.4 | 8 | 2.49 | 264 |
| X497347 | | 3.69 | 0.01 | 0.34 | 7.97 | 10.5 | 1090 | 1.61 | 0.26 | 5.06 | 3.14 | 48.6 | 16.9 | 6 | 2.70 | 115.5 |
| X497348 | | 3.95 | 0.04 | 0.29 | 7.98 | 11.2 | 1040 | 1.62 | 0.14 | 5.15 | 0.16 | 44.4 | 16.6 | 8 | 1.65 | 178.5 |

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

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650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Method | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 | ME- MS61 |
| Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| LOD | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| X497329 | 13.95 | 9.67 | 0.10 | 0.2 | 0.022 | 1.49 | 12.6 | 7.2 | 3.52 | 801 | 19.95 | 0.69 | 4.8 | 21.8 | 810 |
| X497330 | 4.42 | 21.5 | 0.08 | 2.8 | 0.030 | 3.38 | 4.8 | 61.1 | 0.61 | 358 | 2170 | 0.67 | 2.1 | 22.9 | 260 |
| X497331 | 5.41 | 16.60 | 0.09 | 0.4 | 0.054 | 3.25 | 19.6 | 9.2 | 1.24 | 1800 | 36.6 | 1.78 | 10.2 | 6.7 | 2020 |
| X497332 | 5.31 | 22.0 | 0.11 | 0.6 | 0.070 | 3.25 | 19.6 | 8.8 | 0.85 | 1520 | 37.2 | 2.78 | 13.9 | 5.2 | 2450 |
| X497333 | 4.92 | 19.95 | 0.09 | 0.4 | 0.053 | 3.45 | 19.0 | 7.4 | 0.89 | 1000 | 47.3 | 3.45 | 12.5 | 7.1 | 2190 |
| X497334 | 5.58 | 18.80 | 0.10 | 0.3 | 0.053 | 3.54 | 20.1 | 11.2 | 1.78 | 1120 | 26.9 | 2.76 | 10.4 | 7.7 | 2040 |
| X497335 | 6.00 | 21.3 | 0.17 | 0.5 | 0.088 | 4.07 | 22.8 | 10.6 | 1.54 | 1060 | 36.8 | 3.11 | 12.8 | 8.0 | 2200 |
| X497336 | 5.87 | 21.0 | 0.16 | 0.5 | 0.061 | 3.33 | 19.6 | 10.6 | 1.68 | 1050 | 61.2 | 3.17 | 12.3 | 5.3 | 2000 |
| X497337 | 5.67 | 21.7 | 0.15 | 0.4 | 0.060 | 3.81 | 21.5 | 11.4 | 1.83 | 1030 | 70.9 | 2.99 | 12.1 | 5.4 | 2290 |
| X497338 | 5.54 | 20.6 | 0.16 | 0.3 | 0.063 | 3.57 | 19.1 | 11.3 | 1.65 | 899 | 84.3 | 3.00 | 11.7 | 9.5 | 2170 |
| X497339 | 5.96 | 21.4 | 0.17 | 0.4 | 0.056 | 2.98 | 19.2 | 10.4 | 1.37 | 818 | 105.0 | 3.56 | 10.9 | 12.9 | 1860 |
| X497340 | 7.05 | 24.1 | 0.17 | 0.5 | 0.090 | 3.62 | 22.5 | 13.8 | 1.93 | 1080 | 54.8 | 2.65 | 10.9 | 11.3 | 1960 |
| X497341 | 6.98 | 23.1 | 0.16 | 0.1 | 0.051 | 3.98 | 16.0 | 19.7 | 2.55 | 1020 | 141.5 | 2.23 | 6.5 | 12.5 | 1880 |
| X497342 | 5.96 | 21.7 | 0.15 | 0.1 | 0.051 | 3.04 | 18.0 | 16.1 | 2.21 | 1600 | 77.3 | 2.11 | 5.8 | 10.0 | 1500 |
| X497343 | 5.94 | 21.2 | 0.15 | 0.4 | 0.041 | 3.15 | 18.7 | 14.0 | 2.01 | 976 | 41.2 | 2.88 | 10.6 | 13.7 | 1920 |
| X497344 | 6.45 | 21.3 | 0.18 | 0.4 | 0.059 | 3.04 | 24.4 | 15.2 | 2.33 | 1050 | 69.4 | 2.64 | 10.9 | 12.0 | 1910 |
| X497345 | 5.20 | 19.85 | 0.16 | 0.3 | 0.038 | 3.20 | 18.7 | 12.8 | 1.69 | 763 | 169.5 | 3.05 | 9.3 | 15.8 | 1550 |
| X497346 | 4.99 | 17.10 | 0.16 | 0.4 | 0.065 | 3.30 | 23.3 | 11.5 | 1.79 | 1560 | 46.7 | 2.22 | 10.2 | 6.7 | 1810 |
| X497347 | 5.75 | 21.3 | 0.17 | 0.4 | 0.066 | 3.96 | 23.0 | 13.6 | 1.82 | 1220 | 82.2 | 2.79 | 12.2 | 6.2 | 2070 |
| X497348 | 4.93 | 19.60 | 0.17 | 0.4 | 0.062 | 3.48 | 20.8 | 10.8 | 1.52 | 968 | 248 | 3.01 | 11.9 | 6.5 | 2100 |

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

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 28- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 Pb ppm 0.5 | ME- MS61 Rb ppm 0.1 | ME- MS61 Re ppm 0.002 | ME- MS61 S % 0.01 | ME- MS61 Sb ppm 0.05 | ME- MS61 Sc ppm 0.1 | ME- MS61 Se ppm 1 | ME- MS61 Sn ppm 0.2 | ME- MS61 Sr ppm 0.2 | ME- MS61 Ta ppm 0.05 | ME- MS61 Te ppm 0.05 | ME- MS61 Th ppm 0.01 | ME- MS61 Ti % 0.005 | ME- MS61 Tl ppm 0.02 | ME- MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497329 | | 169.0 | 38.9 | 0.030 | >10.0 | 161.5 | 6.3 | 1 | 0.8 | 555 | 0.26 | 0.06 | 1.93 | 0.251 | 8.00 | 1.5 |
| X497330 | | 28.1 | 72.5 | 0.172 | 3.45 | 74.2 | 5.6 | 4 | 4.2 | 275 | 0.14 | 1.84 | 1.55 | 0.185 | 17.85 | 0.7 |
| X497331 | | 94.2 | 56.9 | 0.057 | 2.11 | 13.60 | 12.5 | 2 | 1.1 | 587 | 0.62 | 0.06 | 2.67 | 0.536 | 1.12 | 2.2 |
| X497332 | | 9.0 | 56.9 | 0.052 | 1.64 | 4.08 | 16.9 | 2 | 1.7 | 596 | 0.82 | 0.07 | 3.19 | 0.648 | 0.62 | 2.9 |
| X497333 | | 11.9 | 77.5 | 0.073 | 0.96 | 2.50 | 15.4 | 1 | 1.3 | 453 | 0.75 | 0.07 | 3.61 | 0.588 | 0.63 | 2.1 |
| X497334 | | 11.0 | 95.0 | 0.031 | 0.98 | 2.00 | 17.3 | 2 | 1.3 | 915 | 0.58 | 0.06 | 3.28 | 0.584 | 0.64 | 1.3 |
| X497335 | | 15.6 | 110.5 | 0.047 | 1.66 | 2.02 | 18.1 | 4 | 1.9 | 961 | 0.69 | 0.10 | 3.73 | 0.601 | 0.73 | 1.6 |
| X497336 | | 10.7 | 88.5 | 0.065 | 1.44 | 2.20 | 18.9 | 2 | 1.7 | 1150 | 0.67 | 0.09 | 3.20 | 0.595 | 0.64 | 1.7 |
| X497337 | | 9.0 | 98.0 | 0.102 | 0.87 | 1.70 | 18.0 | 2 | 1.4 | 1585 | 0.66 | 0.08 | 3.59 | 0.596 | 0.65 | 1.4 |
| X497338 | | 6.1 | 84.8 | 0.093 | 1.40 | 1.31 | 17.7 | 2 | 1.5 | 1230 | 0.63 | 0.16 | 3.16 | 0.571 | 0.60 | 1.3 |
| X497339 | | 8.9 | 75.3 | 0.147 | 2.20 | 1.81 | 17.5 | 4 | 1.5 | 1395 | 0.58 | 0.21 | 3.10 | 0.583 | 0.56 | 1.4 |
| X497340 | | 13.9 | 95.9 | 0.070 | 2.03 | 2.44 | 22.7 | 4 | 2.0 | 1545 | 0.55 | 0.13 | 3.26 | 0.686 | 0.64 | 1.6 |
| X497341 | | 33.1 | 91.5 | 0.211 | 1.48 | 0.83 | 22.2 | 2 | 1.3 | 1110 | 0.31 | 0.11 | 2.53 | 0.572 | 0.75 | 1.0 |
| X497342 | | 38.3 | 58.5 | 0.114 | 1.54 | 1.70 | 17.6 | 2 | 1.2 | 1115 | 0.29 | 0.09 | 2.70 | 0.417 | 0.30 | 1.2 |
| X497343 | | 16.2 | 73.6 | 0.050 | 1.10 | 2.04 | 18.5 | 2 | 1.3 | 2180 | 0.57 | 0.07 | 3.10 | 0.574 | 0.52 | 1.4 |
| X497344 | | 6.7 | 98.8 | 0.103 | 1.08 | 2.20 | 21.8 | 2 | 1.7 | 2740 | 0.58 | 0.08 | 3.17 | 0.670 | 0.61 | 1.4 |
| X497345 | | 4.9 | 93.8 | 0.207 | 1.47 | 1.07 | 16.0 | 3 | 1.5 | 1300 | 0.50 | 0.15 | 2.88 | 0.493 | 0.62 | 1.1 |
| X497346 | | 251 | 103.5 | 0.079 | 1.29 | 1.58 | 16.6 | 2 | 1.5 | 980 | 0.58 | 0.07 | 3.32 | 0.494 | 0.59 | 1.3 |
| X497347 | | 64.9 | 111.5 | 0.100 | 1.63 | 1.19 | 17.1 | 2 | 1.5 | 867 | 0.65 | 0.06 | 3.77 | 0.550 | 0.66 | 1.5 |
| X497348 | | 7.7 | 76.4 | 0.254 | 1.02 | 2.49 | 16.2 | 3 | 1.6 | 1790 | 0.65 | 0.07 | 3.41 | 0.563 | 0.46 | 1.5 |

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VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 | Ag- OG62 Ag ppm 1 |
|---|---|---|---|---|---|---|---|
| X497329 | | 96 | 2.4 | 19.2 | 189 | 12.2 | |
| X497330 | | 565 | 40.2 | 4.5 | 99 | 103.5 | |
| X497331 | | 231 | 5.8 | 24.2 | 174 | 10.6 | |
| X497332 | | 285 | 8.8 | 20.9 | 103 | 13.1 | |
| X497333 | | 239 | 9.8 | 15.2 | 85 | 8.2 | |
| X497334 | | 232 | 2.4 | 16.7 | 88 | 6.1 | |
| X497335 | | 232 | 1.4 | 19.5 | 85 | 9.4 | |
| X497336 | | 231 | 2.8 | 17.9 | 73 | 9.2 | |
| X497337 | | 231 | 1.3 | 19.6 | 73 | 7.4 | |
| X497338 | | 222 | 2.0 | 18.6 | 59 | 6.4 | |
| X497339 | | 230 | 1.3 | 18.4 | 54 | 7.8 | |
| X497340 | | 270 | 1.6 | 20.7 | 72 | 8.6 | |
| X497341 | | 280 | 1.1 | 12.4 | 221 | 3.4 | |
| X497342 | | 235 | 1.7 | 17.3 | 178 | 3.0 | |
| X497343 | | 239 | 1.1 | 17.7 | 100 | 6.0 | |
| X497344 | | 268 | 1.5 | 21.6 | 64 | 6.4 | |
| X497345 | | 199 | 5.2 | 17.7 | 52 | 7.2 | |
| X497346 | | 190 | 3.4 | 17.6 | 178 | 10.9 | |
| X497347 | | 212 | 3.0 | 18.7 | 241 | 8.5 | |
| X497348 | | 216 | 2.4 | 17.8 | 50 | 7.0 | |

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

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VANCOUVER BC V6E 0C3


Finalized Date: 28- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305155

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

| Applies to Method: | | | |
|---|---|---|---|
| BAG- 01 | CRU- 31 | CRU- QC | LOG- 21 |
| LOG- 23 | PUL- 32 | PUL- QC | SPL- 21 |
| WEI- 21 | | | |

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

| Applies to Method: | | | |
|---|---|---|---|
| Ag- OG62 | Au- AA26 | ME- MS61 | ME- OG62 |

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
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Finalized Date: 21- DEC- 2018
Account: SKERES

# CERTIFICATE KL18305161

Project: Snip
P.O. No.: S- C18- 131
This report is for 72 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 30- NOV- 2018.
The following have access to data associated with this certificate:

| | | |
|---|---|---|
| PAUL GEDDES<br>ADRIAN NEWTON | RAEGAN MARKEL<br>COLIN RUSSELL | MIKE MAYER |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI- 21 | Received Sample Weight |
| LOG- 21 | Sample logging - ClientBarCode |
| CRU- QC | Crushing QC Test |
| PUL- QC | Pulverizing QC Test |
| CRU- 31 | Fine crushing - 70% <2mm |
| SPL- 21 | Split sample - riffle splitter |
| PUL- 32 | Pulverize 1000g to 85% < 75 um |
| BAG- 01 | Bulk Master for Storage |
| LOG- 23 | Pulp Login - Rcvd with Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au- AA26 | Ore Grade Au 50g FA AA finish | AAS |
| ME- MS61 | 48 element four acid ICP- MS | |
| Ag- OG62 | Ore Grade Ag - Four Acid | |
| ME- OG62 | Ore Grade Elements - Four Acid | ICP- AES |

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 *****

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description / Method / Analyte / Units / LOD | WEI- 21 Recvd Wt. kg 0.02 | Au- AA26 Au ppm 0.01 | ME- MS61 Ag ppm 0.01 | ME- MS61 Al % 0.01 | ME- MS61 As ppm 0.2 | ME- MS61 Ba ppm 10 | ME- MS61 Be ppm 0.05 | ME- MS61 Bi ppm 0.01 | ME- MS61 Ca % 0.01 | ME- MS61 Cd ppm 0.02 | ME- MS61 Ce ppm 0.01 | ME- MS61 Co ppm 0.1 | ME- MS61 Cr ppm 1 | ME- MS61 Cs ppm 0.05 | ME- MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497349 | 3.99 | 0.01 | 0.21 | 8.33 | 4.6 | 1430 | 1.52 | 0.23 | 3.61 | 0.10 | 45.8 | 20.1 | 13 | 1.94 | 167.0 |
| X497350 | 0.13 | 1.89 | 37.9 | 7.58 | 102.5 | 880 | 0.80 | 1.54 | 3.85 | 6.74 | 23.7 | 15.1 | 25 | 0.73 | 223 |
| X497351 | 4.19 | 0.02 | 0.19 | 8.07 | 3.8 | 1210 | 1.77 | 0.31 | 3.58 | 0.11 | 46.2 | 18.9 | 9 | 2.35 | 123.5 |
| X497352 | 3.81 | 0.01 | 0.19 | 8.27 | 2.5 | 1150 | 1.46 | 0.17 | 3.96 | 0.08 | 43.1 | 18.2 | 6 | 2.54 | 112.5 |
| X497353 | 4.23 | 0.01 | 0.15 | 8.05 | 3.4 | 900 | 1.32 | 0.16 | 4.50 | 0.07 | 43.4 | 22.8 | 10 | 2.90 | 112.5 |
| X497354 | 3.80 | 0.02 | 0.11 | 7.92 | 3.6 | 1230 | 1.48 | 0.26 | 3.38 | 0.06 | 41.4 | 25.5 | 8 | 2.29 | 56.6 |
| X497355 | 4.26 | 0.01 | 0.11 | 8.77 | 5.0 | 1090 | 1.93 | 0.28 | 4.50 | 0.14 | 50.5 | 19.6 | 7 | 2.75 | 53.2 |
| X497356 | 4.09 | 0.01 | 0.20 | 8.37 | 6.0 | 1330 | 1.53 | 0.51 | 4.56 | 0.10 | 48.2 | 27.5 | 7 | 2.13 | 124.5 |
| X497357 | 4.18 | 0.03 | 0.12 | 7.99 | 5.5 | 1050 | 1.69 | 0.23 | 5.33 | 0.12 | 48.2 | 21.3 | 6 | 2.21 | 75.2 |
| X497358 | 3.93 | 0.02 | 0.13 | 8.48 | 3.6 | 1220 | 1.58 | 0.24 | 5.86 | 0.12 | 49.7 | 17.8 | 6 | 2.40 | 72.2 |
| X497359 | 4.13 | 0.03 | 0.20 | 8.35 | 5.5 | 1300 | 1.58 | 0.27 | 4.66 | 0.13 | 48.9 | 19.1 | 7 | 2.21 | 120.0 |
| X497360 | 1.57 | <0.01 | 0.01 | 0.21 | <0.2 | 30 | 0.10 | 0.02 | 34.8 | <0.02 | 1.26 | 0.6 | 1 | <0.05 | 2.2 |
| X497361 | 4.01 | 0.03 | 0.18 | 8.33 | 11.1 | 960 | 1.64 | 0.58 | 4.44 | 0.09 | 42.0 | 20.1 | 7 | 1.87 | 104.0 |
| X497362 | 4.16 | 0.04 | 0.21 | 8.65 | 10.9 | 1110 | 1.58 | 9.71 | 3.87 | 0.15 | 50.4 | 21.1 | 7 | 2.73 | 117.0 |
| X497363 | 4.11 | 0.03 | 0.14 | 8.97 | 5.1 | 1200 | 1.61 | 0.30 | 3.87 | 0.21 | 49.7 | 18.9 | 7 | 2.42 | 85.1 |
| X497364 | 2.69 | 0.02 | 0.20 | 8.32 | 3.8 | 1120 | 1.45 | 0.19 | 4.17 | 0.15 | 47.7 | 22.0 | 9 | 3.07 | 112.5 |
| X497365 | 2.61 | 0.03 | 0.23 | 8.45 | 6.2 | 1020 | 1.46 | 0.24 | 4.26 | 0.19 | 46.5 | 20.2 | 9 | 2.64 | 151.0 |
| X497366 | 2.95 | 0.02 | 0.12 | 7.71 | 5.6 | 1050 | 1.69 | 0.25 | 9.06 | 0.29 | 46.3 | 18.3 | 7 | 2.05 | 53.7 |
| X497367 | 3.37 | 0.03 | 0.23 | 8.22 | 4.6 | 970 | 1.54 | 0.30 | 4.77 | 0.30 | 48.9 | 20.9 | 14 | 2.61 | 115.5 |
| X497368 | 4.01 | 0.01 | 0.13 | 8.13 | 4.2 | 1030 | 1.64 | 0.19 | 4.91 | 0.12 | 45.4 | 21.8 | 9 | 2.51 | 95.9 |
| X497369 | 3.79 | 0.01 | 0.22 | 8.20 | 4.6 | 1170 | 1.56 | 0.19 | 4.93 | 0.13 | 47.2 | 17.6 | 9 | 2.07 | 197.0 |
| X497370 | 0.13 | 4.58 | >100 | 1.56 | 51.8 | 230 | 2.73 | 0.88 | 10.40 | 10.85 | 11.50 | 2.3 | 14 | 2.16 | 106.0 |
| X497371 | 3.89 | 0.01 | 0.29 | 8.51 | 4.3 | 1190 | 1.59 | 0.19 | 4.45 | 0.08 | 47.6 | 19.4 | 9 | 2.34 | 132.5 |
| X497372 | 4.21 | 0.01 | 0.27 | 8.32 | 8.7 | 1070 | 1.65 | 0.21 | 5.06 | 0.14 | 47.6 | 19.9 | 8 | 2.55 | 208 |
| X497373 | 4.12 | 0.02 | 0.30 | 8.14 | 5.1 | 1050 | 1.39 | 0.22 | 4.98 | 0.14 | 43.5 | 22.8 | 9 | 2.43 | 205 |
| X497374 | 4.01 | 0.01 | 0.25 | 8.31 | 4.1 | 1150 | 1.55 | 0.22 | 4.87 | 0.14 | 44.6 | 20.1 | 9 | 2.81 | 146.0 |
| X497375 | 3.81 | 0.01 | 0.25 | 8.26 | 4.8 | 1010 | 1.52 | 0.27 | 4.63 | 0.17 | 45.0 | 20.1 | 13 | 2.79 | 149.5 |
| X497376 | 2.73 | 0.03 | 0.47 | 7.78 | 8.9 | 890 | 1.45 | 0.44 | 4.20 | 0.12 | 38.4 | 35.9 | 17 | 2.13 | 398 |
| X497377 | 2.65 | 0.04 | 0.51 | 7.76 | 16.0 | 820 | 1.33 | 0.53 | 3.82 | 0.19 | 33.7 | 26.7 | 34 | 1.85 | 433 |
| X497378 | 3.92 | 0.02 | 0.37 | 7.68 | 13.4 | 920 | 1.57 | 0.30 | 4.48 | 0.27 | 31.6 | 25.8 | 43 | 1.64 | 273 |
| X497379 | 1.63 | 0.02 | 0.61 | 6.43 | 24.2 | 570 | 1.04 | 0.23 | 3.11 | 0.56 | 24.2 | 23.0 | 94 | 1.16 | 390 |
| X497380 | 3.66 | 0.04 | 0.77 | 7.09 | 28.5 | 680 | 1.33 | 0.29 | 4.97 | 0.86 | 24.9 | 31.0 | 23 | 0.82 | 411 |
| X497381 | 4.13 | 0.02 | 0.57 | 8.13 | 15.4 | 810 | 1.38 | 0.62 | 5.39 | 1.72 | 39.1 | 17.1 | 37 | 2.12 | 201 |
| X497382 | 3.87 | <0.01 | 0.23 | 8.24 | 7.0 | 950 | 1.74 | 0.74 | 4.50 | 0.15 | 46.8 | 16.2 | 7 | 2.11 | 124.5 |
| X497383 | 3.84 | <0.01 | 0.16 | 8.47 | 6.0 | 960 | 1.64 | 0.27 | 4.34 | 0.06 | 43.7 | 19.0 | 6 | 1.43 | 133.0 |
| X497384 | 4.04 | <0.01 | 0.13 | 8.15 | 6.5 | 870 | 1.70 | 0.34 | 4.36 | 0.07 | 41.9 | 16.0 | 8 | 1.47 | 109.5 |
| X497385 | 4.32 | <0.01 | 0.24 | 8.18 | 7.9 | 1030 | 1.88 | 0.37 | 3.76 | 0.20 | 41.8 | 17.7 | 9 | 1.85 | 159.5 |
| X497386 | 4.01 | <0.01 | 0.53 | 8.07 | 10.6 | 1060 | 1.51 | 1.00 | 4.71 | 0.85 | 51.3 | 22.6 | 8 | 2.43 | 191.0 |
| X497387 | 4.25 | <0.01 | 0.24 | 8.14 | 8.1 | 970 | 1.72 | 0.45 | 4.66 | 0.09 | 49.9 | 20.9 | 7 | 2.68 | 159.5 |
| X497388 | 4.06 | <0.01 | 0.20 | 7.67 | 8.0 | 970 | 1.63 | 0.27 | 4.34 | 0.07 | 47.1 | 18.4 | 8 | 2.36 | 117.5 |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 Fe % 0.01 | ME- MS61 Ga ppm 0.05 | ME- MS61 Ge ppm 0.05 | ME- MS61 Hf ppm 0.1 | ME- MS61 In ppm 0.005 | ME- MS61 K % 0.01 | ME- MS61 La ppm 0.5 | ME- MS61 Li ppm 0.2 | ME- MS61 Mg % 0.01 | ME- MS61 Mn ppm 5 | ME- MS61 Mo ppm 0.05 | ME- MS61 Na % 0.01 | ME- MS61 Nb ppm 0.1 | ME- MS61 Ni ppm 0.2 | ME- MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497349 | | 5.83 | 19.15 | 0.17 | 0.4 | 0.054 | 4.26 | 21.1 | 12.7 | 1.62 | 845 | 105.5 | 2.55 | 10.1 | 7.7 | 2090 |
| X497350 | | 4.38 | 15.50 | 0.13 | 1.0 | 0.126 | 1.27 | 9.7 | 8.8 | 1.28 | 980 | 5.89 | 2.49 | 4.1 | 16.2 | 540 |
| X497351 | | 5.69 | 19.60 | 0.15 | 0.3 | 0.046 | 3.88 | 18.9 | 13.9 | 1.67 | 882 | 91.3 | 2.94 | 9.8 | 6.8 | 2260 |
| X497352 | | 5.43 | 18.70 | 0.16 | 0.3 | 0.055 | 3.45 | 20.4 | 14.1 | 1.79 | 1050 | 128.5 | 3.20 | 9.4 | 7.3 | 2080 |
| X497353 | | 6.42 | 18.60 | 0.16 | 0.3 | 0.076 | 3.27 | 21.2 | 15.2 | 2.43 | 1360 | 42.8 | 2.78 | 9.0 | 9.3 | 2380 |
| X497354 | | 5.70 | 19.90 | 0.15 | 0.2 | 0.056 | 3.36 | 18.7 | 16.6 | 2.05 | 920 | 102.0 | 3.20 | 8.2 | 8.9 | 2340 |
| X497355 | | 5.70 | 22.0 | 0.17 | 0.2 | 0.054 | 3.25 | 22.6 | 17.0 | 1.92 | 1240 | 128.5 | 3.48 | 10.9 | 9.4 | 2020 |
| X497356 | | 6.03 | 20.6 | 0.16 | 0.4 | 0.050 | 2.86 | 22.2 | 13.5 | 1.93 | 1230 | 74.2 | 3.18 | 10.5 | 12.5 | 2050 |
| X497357 | | 5.95 | 18.90 | 0.14 | 0.2 | 0.060 | 2.83 | 22.0 | 13.4 | 1.89 | 1390 | 67.5 | 3.09 | 9.6 | 7.6 | 2010 |
| X497358 | | 5.84 | 18.35 | 0.14 | 0.2 | 0.056 | 3.25 | 24.2 | 12.7 | 1.99 | 1450 | 40.5 | 2.80 | 9.7 | 6.2 | 2080 |
| X497359 | | 6.00 | 18.80 | 0.15 | 0.2 | 0.068 | 2.91 | 21.7 | 13.0 | 2.04 | 1290 | 36.0 | 3.14 | 9.8 | 6.1 | 2000 |
| X497360 | | 0.12 | 0.66 | 0.11 | 0.1 | <0.005 | 0.07 | 1.2 | 1.2 | 1.26 | 106 | 0.28 | 0.09 | 0.4 | 0.3 | 60 |
| X497361 | | 6.01 | 20.6 | 0.12 | 0.4 | 0.058 | 2.55 | 19.0 | 11.1 | 1.88 | 1220 | 8.44 | 3.27 | 10.7 | 6.2 | 1930 |
| X497362 | | 6.43 | 20.4 | 0.15 | 0.3 | 0.070 | 3.07 | 21.2 | 13.8 | 2.04 | 1220 | 29.1 | 3.56 | 11.3 | 6.3 | 2240 |
| X497363 | | 5.92 | 20.3 | 0.15 | 0.1 | 0.068 | 3.39 | 23.8 | 12.2 | 1.90 | 1140 | 27.7 | 2.96 | 11.0 | 5.4 | 2240 |
| X497364 | | 6.50 | 21.0 | 0.15 | 0.1 | 0.063 | 3.53 | 21.1 | 15.1 | 2.14 | 1280 | 37.1 | 3.15 | 10.1 | 7.4 | 2350 |
| X497365 | | 6.37 | 19.50 | 0.14 | 0.3 | 0.066 | 3.20 | 22.5 | 13.9 | 2.02 | 1240 | 23.8 | 3.44 | 9.6 | 7.1 | 2420 |
| X497366 | | 6.16 | 17.75 | 0.16 | 0.3 | 0.079 | 3.18 | 21.9 | 14.4 | 2.16 | 1880 | 58.7 | 2.15 | 8.2 | 5.6 | 2060 |
| X497367 | | 6.04 | 18.70 | 0.14 | 0.3 | 0.082 | 3.10 | 22.5 | 13.3 | 1.97 | 1260 | 58.4 | 3.23 | 9.3 | 6.9 | 2340 |
| X497368 | | 6.27 | 18.95 | 0.14 | 0.2 | 0.069 | 3.10 | 23.1 | 14.3 | 1.92 | 1320 | 130.5 | 3.23 | 9.3 | 6.5 | 2320 |
| X497369 | | 6.18 | 19.05 | 0.13 | 0.3 | 0.094 | 2.99 | 21.9 | 13.6 | 1.89 | 1220 | 8.28 | 3.00 | 8.9 | 7.1 | 2320 |
| X497370 | | 2.27 | 3.35 | 0.09 | 0.4 | 0.688 | 1.21 | 6.3 | 41.9 | 0.10 | 2110 | 6.16 | 0.04 | 2.0 | 9.8 | 120 |
| X497371 | | 6.14 | 18.25 | 0.17 | 0.3 | 0.062 | 3.06 | 23.8 | 13.1 | 1.83 | 1210 | 418 | 3.47 | 8.5 | 6.9 | 2300 |
| X497372 | | 6.07 | 18.80 | 0.18 | 0.3 | 0.077 | 3.27 | 23.6 | 12.2 | 1.78 | 1200 | 24.7 | 2.56 | 8.3 | 7.4 | 2230 |
| X497373 | | 6.07 | 18.25 | 0.14 | 0.4 | 0.066 | 3.20 | 20.5 | 11.1 | 1.84 | 1080 | 312 | 2.92 | 8.1 | 7.4 | 2240 |
| X497374 | | 5.81 | 18.55 | 0.14 | 0.3 | 0.064 | 3.51 | 21.4 | 12.5 | 1.89 | 1120 | 166.0 | 2.85 | 7.5 | 7.3 | 2330 |
| X497375 | | 5.49 | 20.0 | 0.14 | 0.4 | 0.066 | 3.71 | 21.2 | 12.7 | 2.16 | 900 | 50.0 | 2.80 | 8.5 | 10.8 | 2280 |
| X497376 | | 6.60 | 18.20 | 0.14 | 0.4 | 0.039 | 3.93 | 18.4 | 12.9 | 2.05 | 703 | 25.9 | 2.26 | 7.1 | 18.6 | 1980 |
| X497377 | | 6.70 | 17.45 | 0.15 | 0.3 | 0.029 | 4.97 | 15.3 | 12.9 | 1.93 | 678 | 87.6 | 1.52 | 6.5 | 36.1 | 1800 |
| X497378 | | 6.14 | 17.55 | 0.15 | 0.2 | 0.050 | 4.32 | 17.0 | 11.6 | 1.47 | 781 | 64.4 | 2.30 | 4.3 | 36.9 | 1420 |
| X497379 | | 6.40 | 14.85 | 0.12 | 0.4 | 0.050 | 4.66 | 13.8 | 5.9 | 0.69 | 684 | 34.3 | 1.19 | 2.9 | 55.3 | 980 |
| X497380 | | 6.52 | 18.10 | 0.13 | 0.3 | 0.037 | 4.95 | 13.1 | 8.8 | 0.85 | 865 | 211 | 1.23 | 3.7 | 23.6 | 1410 |
| X497381 | | 5.71 | 18.35 | 0.15 | 0.4 | 0.078 | 3.60 | 20.5 | 9.7 | 1.70 | 1030 | 76.1 | 2.23 | 5.9 | 22.3 | 1740 |
| X497382 | | 5.63 | 18.75 | 0.14 | 0.3 | 0.060 | 3.15 | 19.9 | 11.0 | 1.97 | 1000 | 24.6 | 2.84 | 9.6 | 4.8 | 2250 |
| X497383 | | 5.87 | 21.5 | 0.15 | 0.4 | 0.058 | 2.50 | 18.4 | 12.2 | 2.21 | 1080 | 3.58 | 3.43 | 10.9 | 4.9 | 1990 |
| X497384 | | 5.44 | 21.1 | 0.17 | 0.6 | 0.072 | 2.85 | 17.7 | 10.7 | 2.10 | 1010 | 19.45 | 3.03 | 13.2 | 5.5 | 2130 |
| X497385 | | 5.75 | 20.5 | 0.17 | 0.7 | 0.067 | 3.31 | 17.5 | 10.8 | 2.13 | 1070 | 21.6 | 2.98 | 13.2 | 6.2 | 2050 |
| X497386 | | 6.26 | 19.30 | 0.17 | 0.6 | 0.084 | 3.53 | 23.4 | 10.6 | 2.15 | 1420 | 20.9 | 2.59 | 12.1 | 5.9 | 2340 |
| X497387 | | 6.35 | 19.85 | 0.19 | 0.6 | 0.080 | 3.24 | 23.8 | 10.0 | 2.15 | 1400 | 11.55 | 2.68 | 11.6 | 6.1 | 2360 |
| X497388 | | 6.29 | 18.90 | 0.16 | 0.6 | 0.090 | 2.83 | 21.0 | 9.8 | 2.06 | 1350 | 4.42 | 2.51 | 11.6 | 5.8 | 2400 |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description | Method / Analyte / Units / LOD | ME- MS61 Pb ppm 0.5 | ME- MS61 Rb ppm 0.1 | ME- MS61 Re ppm 0.002 | ME- MS61 S % 0.01 | ME- MS61 Sb ppm 0.05 | ME- MS61 Sc ppm 0.1 | ME- MS61 Se ppm 1 | ME- MS61 Sn ppm 0.2 | ME- MS61 Sr ppm 0.2 | ME- MS61 Ta ppm 0.05 | ME- MS61 Te ppm 0.05 | ME- MS61 Th ppm 0.01 | ME- MS61 Ti % 0.005 | ME- MS61 Tl ppm 0.02 | ME- MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497349 | | 5.8 | 103.0 | 0.133 | 1.59 | 2.31 | 16.5 | 1 | 1.7 | 1435 | 0.61 | 0.06 | 3.64 | 0.571 | 0.56 | 1.4 |
| X497350 | | 694 | 22.7 | 0.003 | 0.30 | 17.60 | 14.1 | 1 | 1.7 | 421 | 0.28 | 0.22 | 1.99 | 0.279 | 0.37 | 0.9 |
| X497351 | | 6.6 | 96.2 | 0.094 | 1.40 | 1.80 | 16.6 | 2 | 1.4 | 1400 | 0.59 | 0.10 | 3.05 | 0.563 | 0.54 | 1.3 |
| X497352 | | 7.3 | 86.4 | 0.167 | 0.97 | 1.31 | 16.4 | 2 | 1.2 | 1070 | 0.59 | <0.05 | 2.94 | 0.573 | 0.48 | 1.2 |
| X497353 | | 7.6 | 96.1 | 0.057 | 0.86 | 1.61 | 23.1 | 1 | 1.4 | 1010 | 0.50 | <0.05 | 2.88 | 0.687 | 0.51 | 1.3 |
| X497354 | | 27.5 | 80.6 | 0.132 | 1.13 | 2.21 | 17.8 | 2 | 1.2 | 1085 | 0.47 | 0.10 | 2.88 | 0.544 | 0.47 | 1.1 |
| X497355 | | 17.1 | 94.4 | 0.229 | 0.90 | 2.01 | 19.5 | 1 | 1.6 | 1525 | 0.59 | 0.05 | 2.95 | 0.589 | 0.55 | 1.3 |
| X497356 | | 5.6 | 81.3 | 0.095 | 1.42 | 2.41 | 20.1 | 3 | 1.4 | 1570 | 0.55 | 0.08 | 2.90 | 0.608 | 0.46 | 1.3 |
| X497357 | | 5.7 | 88.6 | 0.110 | 1.21 | 1.91 | 19.4 | 2 | 1.3 | 1415 | 0.51 | 0.05 | 2.90 | 0.595 | 0.49 | 1.2 |
| X497358 | | 6.4 | 93.7 | 0.052 | 0.82 | 1.39 | 18.7 | 2 | 1.3 | 1405 | 0.57 | <0.05 | 3.12 | 0.618 | 0.56 | 1.1 |
| X497359 | | 9.3 | 88.7 | 0.027 | 1.15 | 1.69 | 18.5 | 1 | 1.3 | 1245 | 0.57 | <0.05 | 2.83 | 0.621 | 0.48 | 1.3 |
| X497360 | | 0.9 | 2.0 | <0.002 | 0.01 | 0.11 | 0.2 | 1 | <0.2 | 89.3 | <0.05 | <0.05 | 0.15 | 0.007 | 0.02 | 0.2 |
| X497361 | | 10.4 | 64.8 | 0.012 | 0.82 | 2.86 | 17.0 | 2 | 1.5 | 1780 | 0.63 | <0.05 | 2.75 | 0.618 | 0.43 | 1.1 |
| X497362 | | 8.1 | 94.1 | 0.044 | 0.86 | 1.47 | 20.4 | 1 | 1.6 | 966 | 0.62 | 0.08 | 3.00 | 0.683 | 0.55 | 1.2 |
| X497363 | | 9.8 | 89.7 | 0.046 | 0.75 | 1.11 | 17.9 | 1 | 1.5 | 957 | 0.65 | <0.05 | 3.33 | 0.644 | 0.52 | 1.2 |
| X497364 | | 8.2 | 91.4 | 0.061 | 0.82 | 1.17 | 21.1 | 1 | 1.4 | 967 | 0.62 | 0.05 | 2.81 | 0.706 | 0.59 | 1.3 |
| X497365 | | 9.8 | 87.8 | 0.027 | 0.95 | 1.46 | 20.8 | 1 | 1.5 | 825 | 0.57 | <0.05 | 3.35 | 0.671 | 0.53 | 1.3 |
| X497366 | | 15.3 | 87.1 | 0.099 | 1.09 | 1.81 | 18.4 | 1 | 1.4 | 1175 | 0.50 | <0.05 | 3.14 | 0.551 | 0.45 | 1.2 |
| X497367 | | 11.9 | 85.0 | 0.099 | 1.07 | 1.34 | 19.8 | 2 | 1.4 | 1030 | 0.54 | 0.05 | 3.32 | 0.603 | 0.50 | 1.2 |
| X497368 | | 7.6 | 83.0 | 0.150 | 0.96 | 1.73 | 19.4 | 2 | 1.4 | 1330 | 0.57 | 0.05 | 3.27 | 0.620 | 0.48 | 1.3 |
| X497369 | | 6.9 | 76.9 | 0.009 | 1.36 | 2.63 | 18.7 | 2 | 1.5 | 1765 | 0.53 | 0.05 | 3.32 | 0.617 | 0.41 | 1.4 |
| X497370 | | 5700 | 64.5 | 0.002 | 0.29 | 51.7 | 1.4 | 1 | 3.0 | 341 | 0.19 | 0.62 | 3.41 | 0.027 | 0.95 | 1.2 |
| X497371 | | 6.9 | 85.7 | 0.751 | 1.09 | 1.76 | 18.5 | 2 | 1.5 | 1310 | 0.52 | <0.05 | 3.36 | 0.603 | 0.48 | 1.1 |
| X497372 | | 4.8 | 100.5 | 0.042 | 1.42 | 1.39 | 17.9 | 3 | 1.5 | 992 | 0.50 | <0.05 | 3.40 | 0.553 | 0.50 | 1.0 |
| X497373 | | 7.0 | 82.1 | 0.595 | 2.22 | 1.30 | 16.6 | 3 | 1.4 | 1315 | 0.46 | 0.09 | 3.22 | 0.579 | 0.55 | 1.1 |
| X497374 | | 7.8 | 105.0 | 0.229 | 1.43 | 1.57 | 17.9 | 2 | 1.5 | 1355 | 0.47 | 0.07 | 3.34 | 0.564 | 0.62 | 1.0 |
| X497375 | | 12.6 | 103.5 | 0.055 | 1.42 | 1.70 | 18.3 | 2 | 1.7 | 1180 | 0.52 | <0.05 | 3.47 | 0.587 | 0.67 | 1.1 |
| X497376 | | 7.2 | 102.0 | 0.035 | 3.31 | 1.57 | 18.2 | 4 | 3.5 | 762 | 0.42 | 0.11 | 2.88 | 0.561 | 0.63 | 0.9 |
| X497377 | | 10.3 | 110.0 | 0.106 | 3.74 | 1.88 | 15.2 | 4 | 4.7 | 743 | 0.36 | 0.15 | 2.44 | 0.489 | 0.59 | 0.9 |
| X497378 | | 15.5 | 97.3 | 0.063 | 2.98 | 1.64 | 12.9 | 5 | 2.1 | 588 | 0.27 | 0.08 | 2.21 | 0.405 | 0.54 | 0.9 |
| X497379 | | 25.9 | 88.5 | 0.043 | 4.12 | 1.80 | 9.7 | 4 | 1.8 | 523 | 0.17 | 0.07 | 1.60 | 0.300 | 0.48 | 0.8 |
| X497380 | | 49.4 | 70.5 | 0.285 | 4.22 | 1.89 | 10.5 | 5 | 2.0 | 599 | 0.22 | 0.10 | 2.13 | 0.364 | 0.40 | 1.0 |
| X497381 | | 15.3 | 110.5 | 0.096 | 2.26 | 1.31 | 15.6 | 3 | 1.8 | 1150 | 0.34 | 0.06 | 2.63 | 0.483 | 0.60 | 1.0 |
| X497382 | | 5.2 | 83.5 | 0.042 | 1.10 | 2.09 | 17.5 | 2 | 1.5 | 1575 | 0.56 | 0.08 | 2.86 | 0.619 | 0.63 | 1.2 |
| X497383 | | 3.3 | 58.3 | 0.004 | 1.10 | 2.65 | 18.6 | 2 | 1.5 | 2130 | 0.65 | 0.07 | 2.50 | 0.627 | 0.42 | 1.1 |
| X497384 | | 3.6 | 67.3 | 0.031 | 0.94 | 2.18 | 18.7 | 2 | 1.6 | 1585 | 0.74 | 0.07 | 2.80 | 0.646 | 0.54 | 1.3 |
| X497385 | | 23.2 | 77.8 | 0.028 | 1.30 | 1.81 | 18.7 | 3 | 1.8 | 1175 | 0.77 | 0.06 | 2.79 | 0.658 | 0.63 | 1.3 |
| X497386 | | 165.0 | 96.9 | 0.032 | 1.63 | 2.28 | 23.3 | 3 | 1.9 | 811 | 0.65 | 0.09 | 3.45 | 0.676 | 0.76 | 1.6 |
| X497387 | | 11.8 | 93.0 | 0.013 | 1.38 | 1.63 | 21.8 | 2 | 1.7 | 926 | 0.68 | 0.07 | 3.52 | 0.644 | 0.62 | 1.7 |
| X497388 | | 4.4 | 77.6 | 0.006 | 0.84 | 1.85 | 20.9 | 1 | 1.7 | 1180 | 0.66 | 0.05 | 3.18 | 0.640 | 0.62 | 1.4 |

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

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>V<br>ppm<br>1 | ME- MS61<br>W<br>ppm<br>0.1 | ME- MS61<br>Y<br>ppm<br>0.1 | ME- MS61<br>Zn<br>ppm<br>2 | ME- MS61<br>Zr<br>ppm<br>0.5 | Ag- OG62<br>Ag<br>ppm<br>1 |
|---|---|---|---|---|---|---|---|
| X497349 | | 225 | 1.4 | 18.6 | 57 | 7.3 | |
| X497350 | | 111 | 4.3 | 18.0 | 1100 | 28.2 | |
| X497351 | | 238 | 1.4 | 17.1 | 70 | 6.4 | |
| X497352 | | 233 | 1.8 | 16.7 | 66 | 5.1 | |
| X497353 | | 281 | 1.3 | 20.0 | 85 | 5.8 | |
| X497354 | | 238 | 1.2 | 16.6 | 123 | 4.1 | |
| X497355 | | 225 | 1.7 | 18.7 | 99 | 3.7 | |
| X497356 | | 248 | 1.6 | 20.6 | 81 | 7.7 | |
| X497357 | | 251 | 1.6 | 19.3 | 87 | 4.5 | |
| X497358 | | 255 | 2.5 | 20.1 | 80 | 2.9 | |
| X497359 | | 247 | 1.6 | 17.6 | 87 | 3.5 | |
| X497360 | | 2 | 0.1 | 2.7 | 4 | 2.8 | |
| X497361 | | 244 | 0.9 | 16.5 | 79 | 7.2 | |
| X497362 | | 269 | 4.9 | 19.1 | 105 | 5.4 | |
| X497363 | | 257 | 4.4 | 17.2 | 110 | 2.4 | |
| X497364 | | 281 | 1.0 | 20.2 | 111 | 3.4 | |
| X497365 | | 265 | 1.2 | 20.9 | 114 | 9.0 | |
| X497366 | | 223 | 2.3 | 20.0 | 119 | 4.0 | |
| X497367 | | 239 | 1.2 | 20.1 | 110 | 6.0 | |
| X497368 | | 249 | 1.4 | 19.9 | 93 | 5.3 | |
| X497369 | | 250 | 1.4 | 19.3 | 75 | 6.2 | |
| X497370 | | 30 | 2.5 | 3.6 | 873 | 12.7 | 126 |
| X497371 | | 247 | 1.4 | 21.4 | 80 | 6.2 | |
| X497372 | | 225 | 3.7 | 20.4 | 84 | 5.9 | |
| X497373 | | 228 | 2.8 | 19.2 | 68 | 7.9 | |
| X497374 | | 240 | 3.4 | 19.2 | 79 | 5.8 | |
| X497375 | | 240 | 2.4 | 19.6 | 67 | 8.0 | |
| X497376 | | 222 | 3.7 | 20.9 | 41 | 8.2 | |
| X497377 | | 192 | 4.8 | 18.1 | 43 | 8.3 | |
| X497378 | | 162 | 3.0 | 16.9 | 59 | 6.5 | |
| X497379 | | 133 | 4.1 | 11.8 | 85 | 9.2 | |
| X497380 | | 140 | 5.1 | 12.2 | 125 | 9.2 | |
| X497381 | | 196 | 4.1 | 21.5 | 143 | 9.9 | |
| X497382 | | 256 | 4.3 | 18.1 | 63 | 7.1 | |
| X497383 | | 253 | 1.8 | 18.2 | 63 | 7.1 | |
| X497384 | | 255 | 1.4 | 17.5 | 63 | 10.4 | |
| X497385 | | 257 | 1.6 | 17.6 | 101 | 11.5 | |
| X497386 | | 274 | 2.9 | 20.6 | 226 | 14.3 | |
| X497387 | | 266 | 3.3 | 20.8 | 106 | 12.4 | |
| X497388 | | 258 | 1.4 | 19.5 | 111 | 11.6 | |

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To: **SKEENA RESOURCES**
**650 - 1021 WEST HASTINGS STREET**
**VANCOUVER BC V6E 0C3**


**Finalized Date: 21- DEC- 2018**
**Account: SKERES**

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description | Method / Analyte / Units / LOD | WEI-21 Recvd Wt. kg 0.02 | Au-AA26 Au ppm 0.01 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497389 | | 4.24 | <0.01 | 0.16 | 8.45 | 8.6 | 1040 | 1.75 | 0.18 | 5.01 | 0.09 | 52.3 | 23.6 | 9 | 2.20 | 121.0 |
| X497390 | | 0.13 | 11.30 | 33.9 | 5.30 | 5590 | 530 | 0.93 | 9.51 | 4.21 | 5.97 | 30.4 | 24.2 | 53 | 3.64 | 339 |
| X497391 | | 1.38 | <0.01 | 0.13 | 7.88 | 7.3 | 910 | 1.78 | 0.18 | 3.69 | 0.11 | 31.0 | 10.6 | 13 | 1.65 | 55.8 |
| X497392 | | 4.00 | <0.01 | 0.23 | 7.88 | 6.4 | 760 | 1.73 | 0.12 | 4.00 | 0.06 | 29.9 | 16.4 | 12 | 2.00 | 100.5 |
| X497393 | | 3.99 | <0.01 | 0.28 | 7.93 | 6.3 | 790 | 1.74 | 0.20 | 4.21 | 0.39 | 28.3 | 13.6 | 9 | 1.76 | 103.5 |
| X497394 | | 4.03 | <0.01 | 0.23 | 8.31 | 4.6 | 1020 | 1.88 | 0.10 | 4.54 | 0.08 | 40.1 | 18.2 | 7 | 2.53 | 105.5 |
| X497395 | | 2.81 | <0.01 | 0.22 | 8.44 | 2.9 | 830 | 1.70 | 0.07 | 4.87 | 0.08 | 50.1 | 18.2 | 8 | 3.93 | 118.5 |
| X497396 | | 1.53 | 0.02 | 0.37 | 7.09 | 11.4 | 320 | 1.75 | 0.27 | 6.03 | 0.07 | 37.9 | 81.2 | 5 | 2.89 | 217 |
| X497397 | | 4.13 | <0.01 | 0.17 | 8.43 | 5.4 | 980 | 1.84 | 0.21 | 5.92 | 0.08 | 49.4 | 20.5 | 6 | 3.57 | 96.1 |
| X497398 | | 4.30 | <0.01 | 0.17 | 8.09 | 2.0 | 880 | 1.79 | 0.18 | 5.98 | 0.07 | 47.8 | 18.6 | 6 | 3.53 | 116.5 |
| X497399 | | 4.10 | <0.01 | 0.23 | 8.11 | 2.7 | 630 | 1.79 | 0.16 | 5.28 | 0.16 | 51.8 | 22.4 | 6 | 4.81 | 105.5 |
| X497400 | | 1.36 | <0.01 | 0.01 | 0.29 | <0.2 | 30 | 0.16 | 0.02 | 33.2 | <0.02 | 1.14 | 0.8 | 1 | 0.09 | 3.1 |
| X497401 | | 3.88 | 0.01 | 0.65 | 7.64 | 14.4 | 900 | 1.97 | 0.36 | 5.96 | 0.79 | 46.3 | 22.9 | 7 | 3.11 | 236 |
| X497402 | | 2.65 | 0.01 | 0.58 | 7.03 | 5.9 | 470 | 1.93 | 0.51 | 7.95 | 0.18 | 42.4 | 28.9 | 6 | 2.80 | 376 |
| X497403 | | 3.08 | 0.01 | 0.34 | 6.09 | 14.4 | 550 | 1.62 | 0.29 | 8.99 | 0.13 | 41.1 | 16.9 | 5 | 1.00 | 168.5 |
| X497404 | | 3.94 | 0.02 | 0.24 | 4.74 | 3.0 | 350 | 1.22 | 0.18 | 12.35 | 0.10 | 34.4 | 11.8 | 3 | 2.39 | 69.6 |
| X497405 | | 4.16 | 0.01 | 0.20 | 7.00 | 4.0 | 550 | 1.64 | 0.23 | 7.23 | 0.04 | 42.4 | 17.6 | 6 | 3.04 | 73.8 |
| X497406 | | 4.14 | 0.02 | 0.38 | 7.18 | 3.2 | 630 | 2.18 | 0.56 | 7.19 | 0.08 | 45.1 | 16.3 | 6 | 3.39 | 103.0 |
| X497407 | | 3.74 | <0.01 | 0.21 | 7.60 | 2.4 | 720 | 1.87 | 0.22 | 7.32 | 0.13 | 45.1 | 20.3 | 7 | 3.82 | 140.0 |
| X497408 | | 4.12 | <0.01 | 0.24 | 7.67 | 7.4 | 750 | 1.72 | 0.27 | 6.21 | 0.26 | 46.9 | 21.1 | 7 | 3.82 | 155.0 |
| X497409 | | 4.12 | <0.01 | 0.20 | 7.95 | 6.8 | 780 | 1.71 | 0.24 | 5.94 | 0.17 | 47.3 | 21.0 | 8 | 3.49 | 154.5 |
| X497410 | | 0.21 | 22.3 | 3.29 | 6.15 | 32.8 | 590 | 1.45 | 0.48 | 1.08 | 0.03 | 16.25 | 10.4 | 30 | 13.45 | 61.6 |
| X497411 | | 3.95 | 0.01 | 0.14 | 7.76 | 5.3 | 770 | 1.71 | 0.17 | 4.95 | 0.15 | 44.6 | 22.0 | 8 | 3.75 | 118.0 |
| X497412 | | 3.65 | 0.02 | 0.24 | 7.71 | 11.2 | 910 | 1.75 | 0.23 | 5.11 | 0.27 | 45.9 | 21.6 | 9 | 3.47 | 196.5 |
| X497413 | | 3.66 | 0.08 | 0.15 | 7.49 | 10.6 | 650 | 1.56 | 0.28 | 5.19 | 0.13 | 40.3 | 20.7 | 8 | 2.52 | 98.9 |
| X497414 | | 4.14 | 0.01 | 0.25 | 7.66 | 4.3 | 840 | 1.62 | 0.48 | 4.78 | 0.12 | 43.2 | 17.5 | 8 | 3.73 | 108.5 |
| X497415 | | 3.77 | 0.01 | 0.36 | 7.87 | 5.9 | 980 | 1.66 | 0.85 | 4.46 | 0.25 | 41.0 | 24.3 | 8 | 3.96 | 154.5 |
| X497416 | | 3.93 | 0.01 | 0.31 | 8.32 | 3.6 | 1090 | 1.56 | 0.27 | 4.66 | 0.13 | 46.3 | 20.2 | 8 | 3.77 | 125.0 |
| X497417 | | 3.85 | 0.01 | 0.30 | 7.42 | 4.1 | 1000 | 1.61 | 0.24 | 4.25 | 0.16 | 42.3 | 18.4 | 10 | 3.33 | 105.5 |
| X497418 | | 1.98 | 0.01 | 0.28 | 7.73 | 8.3 | 880 | 1.44 | 0.51 | 3.44 | 0.10 | 30.8 | 14.0 | 22 | 2.58 | 78.7 |
| X497419 | | 2.18 | 0.01 | 0.18 | 7.74 | 6.3 | 960 | 1.53 | 0.13 | 2.87 | 0.04 | 39.0 | 14.9 | 17 | 2.11 | 57.3 |
| X497420 | | 1.52 | <0.01 | 0.01 | 0.06 | <0.2 | 10 | 0.06 | 0.02 | 31.6 | 0.02 | 0.91 | 1.0 | 2 | <0.05 | 5.5 |

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Fe<br>%<br>0.01 | ME- MS61<br>Ga<br>ppm<br>0.05 | ME- MS61<br>Ge<br>ppm<br>0.05 | ME- MS61<br>Hf<br>ppm<br>0.1 | ME- MS61<br>In<br>ppm<br>0.005 | ME- MS61<br>K<br>%<br>0.01 | ME- MS61<br>La<br>ppm<br>0.5 | ME- MS61<br>Li<br>ppm<br>0.2 | ME- MS61<br>Mg<br>%<br>0.01 | ME- MS61<br>Mn<br>ppm<br>5 | ME- MS61<br>Mo<br>ppm<br>0.05 | ME- MS61<br>Na<br>%<br>0.01 | ME- MS61<br>Nb<br>ppm<br>0.1 | ME- MS61<br>Ni<br>ppm<br>0.2 | ME- MS61<br>P<br>ppm<br>10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497389 | | 6.34 | 19.60 | 0.17 | 0.6 | 0.076 | 2.92 | 24.8 | 10.9 | 2.20 | 1410 | 1.43 | 2.91 | 11.8 | 6.5 | 2490 |
| X497390 | | 9.87 | 13.45 | 0.11 | 1.7 | 1.630 | 1.33 | 15.0 | 17.1 | 1.01 | 985 | 43.0 | 0.93 | 4.2 | 31.4 | 620 |
| X497391 | | 4.36 | 17.15 | 0.10 | 0.2 | 0.052 | 2.51 | 13.1 | 10.3 | 1.52 | 1000 | 2.79 | 3.30 | 10.1 | 6.4 | 1700 |
| X497392 | | 5.54 | 19.30 | 0.13 | 0.2 | 0.050 | 2.33 | 12.3 | 11.4 | 1.63 | 1200 | 15.10 | 3.31 | 9.0 | 8.5 | 1580 |
| X497393 | | 4.40 | 18.75 | 0.11 | 0.2 | 0.050 | 2.41 | 11.2 | 9.5 | 0.80 | 972 | 24.9 | 3.66 | 9.2 | 7.0 | 1430 |
| X497394 | | 5.07 | 20.0 | 0.14 | 0.3 | 0.065 | 2.71 | 16.4 | 10.6 | 0.97 | 1140 | 14.00 | 3.42 | 12.2 | 6.4 | 2060 |
| X497395 | | 6.07 | 19.60 | 0.16 | 0.8 | 0.062 | 2.76 | 23.1 | 14.4 | 1.75 | 1420 | 3.95 | 3.20 | 12.4 | 4.9 | 2160 |
| X497396 | | 8.82 | 17.40 | 0.17 | 0.3 | 0.062 | 2.69 | 17.4 | 10.1 | 1.22 | 1380 | 6.70 | 2.51 | 10.8 | 7.1 | 1990 |
| X497397 | | 5.36 | 20.0 | 0.20 | 0.2 | 0.059 | 3.27 | 23.1 | 10.2 | 1.20 | 1330 | 8.94 | 2.78 | 12.3 | 5.3 | 2240 |
| X497398 | | 6.21 | 18.75 | 0.16 | 0.4 | 0.083 | 3.34 | 21.9 | 11.0 | 1.43 | 1500 | 1.93 | 1.96 | 11.3 | 4.7 | 2170 |
| X497399 | | 6.37 | 20.8 | 0.14 | 0.5 | 0.076 | 2.97 | 24.0 | 11.8 | 2.22 | 1420 | 2.38 | 2.45 | 12.1 | 6.0 | 2430 |
| X497400 | | 0.17 | 1.00 | 0.06 | 0.1 | <0.005 | 0.12 | 1.1 | 2.5 | 2.01 | 122 | 0.30 | 0.12 | 0.9 | 0.4 | 70 |
| X497401 | | 6.17 | 19.75 | 0.15 | 0.6 | 0.138 | 3.12 | 20.8 | 10.1 | 1.09 | 1290 | 30.9 | 2.48 | 12.4 | 5.5 | 2320 |
| X497402 | | 7.75 | 17.05 | 0.18 | 0.6 | 0.148 | 2.50 | 19.6 | 7.9 | 1.13 | 1710 | 45.8 | 2.39 | 10.5 | 6.5 | 2040 |
| X497403 | | 6.95 | 15.20 | 0.14 | 0.4 | 0.085 | 2.61 | 19.4 | 14.8 | 0.97 | 1880 | 17.20 | 0.41 | 9.0 | 4.7 | 1800 |
| X497404 | | 6.51 | 12.35 | 0.12 | 0.5 | 0.066 | 2.42 | 15.6 | 8.1 | 1.13 | 2430 | 3.34 | 0.49 | 6.6 | 3.3 | 1250 |
| X497405 | | 6.47 | 16.70 | 0.17 | 0.3 | 0.075 | 3.05 | 19.6 | 9.1 | 1.35 | 1620 | 12.85 | 1.49 | 9.9 | 5.2 | 2070 |
| X497406 | | 9.59 | 17.00 | 0.14 | 0.6 | 0.069 | 2.94 | 20.2 | 9.7 | 0.85 | 1960 | 3.30 | 0.97 | 10.3 | 7.1 | 2200 |
| X497407 | | 6.70 | 18.65 | 0.13 | 0.4 | 0.176 | 4.07 | 21.4 | 11.8 | 1.17 | 1820 | 2.13 | 0.80 | 10.4 | 6.2 | 2200 |
| X497408 | | 6.47 | 18.40 | 0.15 | 0.4 | 0.140 | 3.11 | 21.4 | 12.1 | 1.27 | 1900 | 2.31 | 2.38 | 10.3 | 6.0 | 2260 |
| X497409 | | 5.95 | 18.75 | 0.15 | 0.4 | 0.108 | 2.99 | 21.6 | 11.6 | 1.27 | 1670 | 20.9 | 2.83 | 10.7 | 6.5 | 2260 |
| X497410 | | 4.18 | 19.00 | 0.14 | 2.7 | 0.026 | 3.10 | 3.6 | 65.0 | 0.57 | 330 | 2060 | 0.62 | 1.9 | 22.6 | 260 |
| X497411 | | 6.20 | 17.65 | 0.15 | 0.3 | 0.092 | 2.49 | 20.2 | 13.2 | 1.64 | 1620 | 14.60 | 2.88 | 10.3 | 6.6 | 2210 |
| X497412 | | 6.69 | 18.05 | 0.15 | 0.4 | 0.137 | 2.54 | 21.2 | 14.4 | 1.67 | 2170 | 3.76 | 2.51 | 9.8 | 6.4 | 2230 |
| X497413 | | 5.85 | 16.80 | 0.10 | 0.3 | 0.071 | 2.13 | 18.7 | 13.5 | 1.53 | 1630 | 4.57 | 2.95 | 9.0 | 5.7 | 2200 |
| X497414 | | 5.46 | 17.65 | 0.12 | 0.3 | 0.082 | 2.85 | 20.2 | 12.7 | 1.53 | 1340 | 25.9 | 2.70 | 9.2 | 6.3 | 2070 |
| X497415 | | 6.11 | 18.70 | 0.14 | 0.3 | 0.096 | 3.18 | 18.7 | 13.4 | 1.62 | 1250 | 8.89 | 2.54 | 9.7 | 7.3 | 2220 |
| X497416 | | 5.87 | 19.25 | 0.17 | 0.4 | 0.075 | 2.92 | 21.4 | 13.1 | 1.66 | 1200 | 5.39 | 2.98 | 9.2 | 6.4 | 2230 |
| X497417 | | 5.33 | 18.00 | 0.12 | 0.3 | 0.052 | 2.79 | 19.6 | 13.8 | 1.73 | 1040 | 11.40 | 2.61 | 8.7 | 9.5 | 2050 |
| X497418 | | 4.42 | 16.75 | 0.11 | 0.2 | 0.038 | 2.73 | 14.1 | 11.8 | 1.60 | 827 | 5.70 | 2.75 | 5.9 | 17.4 | 1460 |
| X497419 | | 4.28 | 17.15 | 0.13 | 0.2 | 0.040 | 2.98 | 17.3 | 13.5 | 1.59 | 750 | 6.67 | 2.96 | 9.0 | 14.7 | 1920 |
| X497420 | | 0.12 | 0.30 | 0.09 | <0.1 | 0.006 | 0.01 | 1.1 | 1.0 | 2.51 | 118 | 0.59 | 0.03 | 0.1 | 0.8 | 80 |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME- MS61<br>Pb<br>ppm<br>0.5 | ME- MS61<br>Rb<br>ppm<br>0.1 | ME- MS61<br>Re<br>ppm<br>0.002 | ME- MS61<br>S<br>%<br>0.01 | ME- MS61<br>Sb<br>ppm<br>0.05 | ME- MS61<br>Sc<br>ppm<br>0.1 | ME- MS61<br>Se<br>ppm<br>1 | ME- MS61<br>Sn<br>ppm<br>0.2 | ME- MS61<br>Sr<br>ppm<br>0.2 | ME- MS61<br>Ta<br>ppm<br>0.05 | ME- MS61<br>Te<br>ppm<br>0.05 | ME- MS61<br>Th<br>ppm<br>0.01 | ME- MS61<br>Ti<br>%<br>0.005 | ME- MS61<br>Tl<br>ppm<br>0.02 | ME- MS61<br>U<br>ppm<br>0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X497389 | | 4.0 | 85.1 | <0.002 | 1.18 | 1.80 | 22.7 | 2 | 1.7 | 1125 | 0.67 | <0.05 | 3.55 | 0.668 | 0.58 | 1.5 |
| X497390 | | 291 | 52.9 | 0.012 | 2.53 | 9.69 | 9.2 | 2 | 7.2 | 317 | 0.28 | 9.37 | 3.95 | 0.199 | 1.28 | 7.9 |
| X497391 | | 10.5 | 63.0 | 0.003 | 0.39 | 1.44 | 15.2 | <1 | 1.1 | 1035 | 0.55 | 0.05 | 2.61 | 0.524 | 0.54 | 1.1 |
| X497392 | | 6.5 | 54.6 | 0.013 | 0.87 | 1.53 | 13.8 | 2 | 1.3 | 1405 | 0.51 | <0.05 | 2.16 | 0.514 | 0.67 | 0.9 |
| X497393 | | 11.9 | 56.3 | 0.023 | 0.88 | 1.15 | 12.2 | 2 | 1.3 | 1090 | 0.54 | 0.10 | 2.04 | 0.474 | 0.67 | 0.9 |
| X497394 | | 6.1 | 76.6 | 0.008 | 0.92 | 1.17 | 19.0 | 1 | 1.5 | 1155 | 0.68 | 0.05 | 2.89 | 0.614 | 0.74 | 1.4 |
| X497395 | | 5.9 | 88.3 | 0.004 | 0.59 | 1.03 | 18.2 | 1 | 1.6 | 1455 | 0.69 | <0.05 | 3.43 | 0.631 | 0.77 | 1.5 |
| X497396 | | 7.0 | 69.2 | 0.004 | 5.50 | 1.34 | 15.5 | 7 | 1.7 | 910 | 0.58 | 0.16 | 2.64 | 0.552 | 0.73 | 1.2 |
| X497397 | | 7.3 | 106.5 | 0.008 | 0.85 | 0.86 | 20.0 | 2 | 1.5 | 709 | 0.70 | <0.05 | 3.37 | 0.643 | 0.79 | 1.2 |
| X497398 | | 7.4 | 117.0 | <0.002 | 0.94 | 0.67 | 19.8 | 1 | 1.5 | 841 | 0.62 | <0.05 | 3.20 | 0.647 | 0.91 | 1.1 |
| X497399 | | 9.0 | 112.5 | <0.002 | 0.82 | 0.89 | 22.6 | 2 | 1.7 | 742 | 0.69 | 0.09 | 3.42 | 0.685 | 0.91 | 1.2 |
| X497400 | | 0.6 | 3.9 | <0.002 | <0.01 | 0.07 | 0.3 | 1 | 0.2 | 79.2 | 0.08 | <0.05 | 0.15 | 0.006 | 0.05 | 0.4 |
| X497401 | | 18.0 | 101.5 | 0.020 | 2.48 | 1.30 | 20.4 | 2 | 2.2 | 602 | 0.69 | 0.20 | 3.16 | 0.663 | 0.99 | 1.2 |
| X497402 | | 13.0 | 93.3 | 0.019 | 3.35 | 1.60 | 21.2 | 3 | 2.6 | 577 | 0.57 | 0.19 | 2.81 | 0.658 | 0.87 | 1.4 |
| X497403 | | 9.7 | 68.4 | 0.016 | 2.17 | 3.43 | 17.3 | 2 | 2.1 | 323 | 0.50 | 0.09 | 2.45 | 0.549 | 0.47 | 1.2 |
| X497404 | | 4.9 | 86.3 | 0.002 | 1.79 | 0.57 | 13.8 | 1 | 1.2 | 353 | 0.35 | <0.05 | 1.66 | 0.407 | 0.65 | 0.7 |
| X497405 | | 5.8 | 109.5 | 0.012 | 1.63 | 0.63 | 19.3 | 1 | 1.5 | 345 | 0.56 | <0.05 | 3.00 | 0.595 | 0.85 | 1.2 |
| X497406 | | 12.4 | 108.0 | 0.006 | 2.89 | 0.91 | 20.4 | 2 | 1.5 | 579 | 0.54 | 0.09 | 3.15 | 0.588 | 0.90 | 1.4 |
| X497407 | | 7.0 | 145.5 | 0.003 | 1.20 | 0.93 | 19.7 | 1 | 1.8 | 407 | 0.58 | 0.06 | 3.60 | 0.589 | 1.22 | 1.7 |
| X497408 | | 7.8 | 112.0 | <0.002 | 1.34 | 1.19 | 19.3 | 2 | 1.8 | 631 | 0.58 | 0.13 | 3.80 | 0.599 | 0.97 | 1.7 |
| X497409 | | 6.5 | 95.3 | 0.011 | 1.27 | 1.46 | 19.2 | 2 | 1.7 | 549 | 0.60 | 0.10 | 3.68 | 0.599 | 0.83 | 1.6 |
| X497410 | | 25.7 | 69.7 | 0.157 | 3.23 | 72.6 | 5.2 | 3 | 4.2 | 262 | 0.12 | 1.70 | 1.33 | 0.169 | 16.85 | 0.6 |
| X497411 | | 5.5 | 76.5 | 0.026 | 0.99 | 1.46 | 18.9 | 1 | 1.6 | 1010 | 0.58 | 0.08 | 3.58 | 0.584 | 0.70 | 1.5 |
| X497412 | | 5.4 | 75.0 | 0.006 | 1.67 | 2.56 | 18.7 | 2 | 1.9 | 1305 | 0.54 | 0.09 | 3.59 | 0.570 | 0.63 | 1.8 |
| X497413 | | 4.7 | 55.2 | 0.007 | 1.12 | 2.23 | 16.5 | 2 | 1.5 | 1150 | 0.49 | 0.06 | 3.10 | 0.536 | 0.48 | 1.3 |
| X497414 | | 6.7 | 85.5 | 0.018 | 0.94 | 0.75 | 17.6 | 1 | 1.4 | 896 | 0.48 | <0.05 | 3.39 | 0.553 | 0.71 | 1.1 |
| X497415 | | 8.7 | 89.5 | 0.007 | 1.62 | 0.99 | 17.8 | 2 | 1.7 | 915 | 0.55 | 0.08 | 3.33 | 0.576 | 0.81 | 1.1 |
| X497416 | | 7.6 | 82.0 | 0.005 | 1.14 | 0.88 | 17.8 | 2 | 1.4 | 1135 | 0.49 | 0.08 | 3.62 | 0.561 | 0.72 | 1.1 |
| X497417 | | 6.8 | 79.5 | 0.017 | 1.02 | 0.82 | 17.7 | 2 | 1.2 | 1035 | 0.47 | 0.06 | 3.32 | 0.521 | 0.62 | 1.1 |
| X497418 | | 10.2 | 73.9 | 0.005 | 0.97 | 1.41 | 11.6 | 1 | 0.8 | 778 | 0.35 | 0.06 | 2.73 | 0.348 | 0.57 | 0.7 |
| X497419 | | 6.3 | 70.2 | 0.010 | 0.64 | 0.88 | 11.6 | 1 | 1.0 | 786 | 0.52 | <0.05 | 3.40 | 0.426 | 0.52 | 0.9 |
| X497420 | | 1.3 | 0.4 | <0.002 | <0.01 | 0.14 | 0.2 | 1 | <0.2 | 74.9 | <0.05 | <0.05 | 0.42 | 0.005 | <0.02 | 0.3 |

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

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To: SKEENA RESOURCES
650 - 1021 WEST HASTINGS STREET
VANCOUVER BC V6E 0C3


Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

| Sample Description / Method / Analyte / Units / LOD | ME- MS61 V ppm 1 | ME- MS61 W ppm 0.1 | ME- MS61 Y ppm 0.1 | ME- MS61 Zn ppm 2 | ME- MS61 Zr ppm 0.5 | Ag- OG62 Ag ppm 1 |
|---|---|---|---|---|---|---|
| X497389 | 273 | 1.3 | 21.8 | 114 | 13.3 | |
| X497390 | 80 | 16.3 | 10.2 | 874 | 54.4 | |
| X497391 | 192 | 1.6 | 14.5 | 82 | 4.0 | |
| X497392 | 201 | 2.3 | 16.0 | 75 | 4.2 | |
| X497393 | 178 | 3.1 | 12.8 | 102 | 3.6 | |
| X497394 | 246 | 3.4 | 16.5 | 57 | 4.9 | |
| X497395 | 252 | 1.5 | 20.6 | 89 | 5.9 | |
| X497396 | 226 | 4.4 | 14.8 | 50 | 5.7 | |
| X497397 | 258 | 3.5 | 19.5 | 58 | 5.1 | |
| X497398 | 259 | 2.9 | 18.0 | 82 | 10.4 | |
| X497399 | 283 | 3.3 | 20.4 | 97 | 6.9 | |
| X497400 | 1 | <0.1 | 3.4 | 6 | 3.5 | |
| X497401 | 261 | 5.4 | 17.6 | 104 | 13.6 | |
| X497402 | 258 | 4.8 | 17.4 | 62 | 14.5 | |
| X497403 | 218 | 6.8 | 18.8 | 47 | 9.3 | |
| X497404 | 164 | 3.1 | 16.0 | 52 | 4.2 | |
| X497405 | 245 | 3.5 | 17.3 | 59 | 8.5 | |
| X497406 | 235 | 4.5 | 19.4 | 57 | 6.0 | |
| X497407 | 240 | 4.6 | 19.6 | 89 | 8.6 | |
| X497408 | 241 | 2.4 | 20.0 | 117 | 9.2 | |
| X497409 | 240 | 2.2 | 20.1 | 112 | 8.4 | |
| X497410 | 533 | 36.0 | 4.3 | 94 | 98.2 | |
| X497411 | 233 | 2.2 | 20.2 | 135 | 7.6 | |
| X497412 | 230 | 2.1 | 19.2 | 156 | 9.4 | |
| X497413 | 216 | 2.3 | 16.8 | 105 | 9.6 | |
| X497414 | 221 | 2.5 | 16.6 | 91 | 9.1 | |
| X497415 | 231 | 5.1 | 16.2 | 98 | 10.4 | |
| X497416 | 230 | 3.6 | 18.8 | 84 | 8.6 | |
| X497417 | 214 | 2.5 | 17.5 | 72 | 8.8 | |
| X497418 | 140 | 2.0 | 14.7 | 72 | 6.0 | |
| X497419 | 164 | 2.1 | 15.9 | 56 | 7.7 | |
| X497420 | 2 | 0.1 | 2.0 | 5 | 1.3 | |

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

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Finalized Date: 21- DEC- 2018
Account: SKERES

Project: Snip

# CERTIFICATE OF ANALYSIS KL18305161

## CERTIFICATE COMMENTS

### ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

### LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

| | | | | |
|---|---|---|---|---|
| Applies to Method: | BAG- 01 | CRU- 31 | CRU- QC | LOG- 21 |
| | LOG- 23 | PUL- 32 | PUL- QC | SPL- 21 |
| | WEI- 21 | | | |

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

| | | | | |
|---|---|---|---|---|
| Applies to Method: | Ag- OG62 | Au- AA26 | ME- MS61 | ME- OG62 |