BC Geological Survey
Assessment Report
38205

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
2018 Core Drilling Program & Archaeological Impact Assessment	$551,711.00

AUTHOR(S) A. Koffyberg, PGeo SIGNATURE(S) A. Koffyberg

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-10-199 YEAR OF WORK 2018

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event 5732271 (Feb 27, 2019)

PROPERTY NAME Spanish Mountain Gold Property

CLAIM NAME(S) (on which work was done) all 44 claims - see report

COMMODITIES SOUGHT Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 093A 043

MINING DIVISION Cariboo NTS 093A/11W

LATITUDE 52 ° 35 ' 19 " LONGITUDE 121 ° 27 ' 18 " (at centre of work)

OWNER(S)

1) Spanish Mountain Gold Ltd 2)

MAILING ADDRESS

1120 - 1095 West Pender Street

Vancouver BC, V1T 5A6

OPERATOR(S) [who paid for the work]

1) same as above 2)

MAILING ADDRESS

same as above

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

Nicola Group, Late Triassic, phyllitic argillite, carbonate, graphite, pyrite, visible gold, disseminated gold, sediment-hosted vein deposit

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 34080, 33272, 32368, 30144, 29105, 28457, 28133, 27415, 26477, 26473, 26210, 24729, 17636, 15880, 14682, 11822, 9762, 8636, 6935, 6460

(OVER)

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	1061 m, 6 holes, HQ	204667, 510115, 517485, 537371	304,326.00
Non-core			
RELATED TECHNICAL			
Sampling/assaying	278 samples. Au fire assay, multi-element	204667, 510115, 517485, 537371	45,474.00
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	Archaeological Impact Assessment	all 44 claims	201,911.00
		TOTAL COST	551,711.00

ASSESSMENT REPORT

on the

2018 CORE DRILLING PROGRAM

and

ARCHAEOLOGICAL IMPACT ASSESSMENT

on the

SPANISH MOUNTAIN PROPERTY

Cariboo Mining Division, BC
BCGS 093A.053, 063

For
Owner/Operator

SPANISH MOUNTAIN GOLD LTD.
1120 – 1095 West Pender Street
Vancouver, British Columbia
V6E 2M6

By

A. Koffyberg, PGeo

Discovery Consultants
2916 29th Street
Vernon, BC, V1T 5A6

Exploration on Mineral Titles: all 44 titles (Table 1)

Work filed on: all 44 titles (Table 1)

NTS:	093A/11W
LATITUDE:	52° 35' N
LONGITUDE:	121° 26' W
AUTHORS:	A. Koffyberg, PGeo
CONSULTANT:	Discovery Consultants
DATE:	February 28, 2019

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1.0 SUMMARY

A 6-hole core drill program was carried out on the Spanish Mountain Property, which is owned by Spanish Mountain Gold Ltd ("SMG"). The work was carried out in July 2018 under the Mines Act Permit MX-10-199.

SMG's Property is located in the Cariboo region of central British Columbia, approximately 10 km southeast of Likely and 68 km northeast of Williams Lake. Access from Williams Lake is via a paved secondary road that leaves Highway 97 at 150 Mile House, approximately 16 km east-southeast of Williams Lake, and continues for 87 km to Likely. From Likely, access is to the east and southeast via the Spanish Lake Road and the Cedar Creek / Winkley Creek Road.

Physiographically, the area is situated within the Quesnel Highland, which is transitional between the gently undulating topography of the Cariboo Plateau to the west, and the steeper, sub-alpine to alpine terrain of the Cariboo Mountains to the east. The terrain is moderately mountainous with rounded ridge tops and U-shaped valleys. Elevations range from 916 m at Spanish Lake to 1,600 m along the northern edge of the Property to 1,480 m along a ridge south of Spanish Lake.

The Property consists of 44 MTO mineral titles that form a contiguous block covering an area of approximately 7,621 hectares. The titles lie on BCGS Map Sheets 093A.053 and 063. All titles are 100% owned by SMG.

The earliest recorded work on the deposit occurred in 1933 when two prospectors discovered lode gold in quartz veins on the central part of the Property and staked the ground as the MARINER claim. From 1976 to 1986, numerous companies explored the area with rock and soil sampling, along with diamond drilling. The target of exploration at the time was high-grade gold-bearing quartz veins within greywacke sequences. In 1995, Cyprus Resources Limited optioned the property and focussed their exploration towards a larger, disseminated gold, bulk-mineable target.

Skygold Ventures Ltd. explored the Property from 1993 until 2009 with large, yearly exploration programs consisting of diamond and reverse circulation (RC) drilling, rock and soil sampling, and airborne geophysics. In January 2010, the company's name was changed to Spanish Mountain Gold Ltd. The company continued exploration with large diamond drilling programs and calculated a mineral resource estimate in 2011. This resource estimate was updated in 2012. A Preliminary Economic Assessment was completed in 2017. A Measured and Indicated Resource of 306,530,000 tonnes of 0.39 g/t Au and 0.61 g/t Ag, at a cut-off grade of 0.15 g/t Au, was calculated, resulting in a contained metal resource of 3,880,000 ounces Au and 6,280,000 ounces Ag.

The Property lies within the Quesnel Terrane of the Intermontane Belt, predominantly sedimentary and volcanic rocks of the middle to upper Triassic Nicola Group, representing an

island arc and marginal basin assemblage. East of the Property, the regional, southwesterly dipping Eureka Thrust marks the western extent of pre-Quesnel Terrane rocks. Recent work reassigns the Nicola Group rocks north of Spanish Lake to the middle to upper Triassic Slocan Group, with rocks to the south remaining as Nicola Group.

The SMG lode gold deposit is a bulk-tonnage, gold system of finely disseminated gold within interbedded slaty to phyllitic argillite, dark grey to black siltstone, carbonaceous mudstone, greywacke, tuff and minor conglomerate. The main host of the gold mineralization is black graphitic phyllitic argillite. Gold grain size is typically less than 30 µm, and is often associated with pyrite. As well, local high-grade, gold-bearing quartz veins occur within siltstones, greywackes and tuff.

In this report, SMG carried out an 2-stage core drilling program: the first stage comprised three metallurgical HQ holes on the Main Zone; followed by three exploratory HQ holes on the Phoenix Zone. Diamond drill holes 18-DH-1217 to 12DH-1219 were drilled as vertical holes in the Main Zone for confirmatory metallurgical test-work related to proposed flow-sheet and gold recovery. Subsequently, diamond drill holes 18-CCR-040 to 18-CCR-042 were drilled as exploration holes in the Phoenix Zone. The holes were drilled to test the continuity of mineralization along a one-kilometer wide corridor outlined by previous work. Field work took place from July 2 to 27, 2018.

An extensive archaeological impact assessment was done throughout the entire claim block by Terra Archaeology Ltd in 2018. Work was carried out from June 23-30; July 4-15; and August 1-10, 2018. A field crew of five explored the claim block outside of the Main zone, as this area has a previously completed archaeological impact assessment.

The archaeological assessment states that “no further archaeological work is recommended prior to development provided the project footprint is not expanded to include un-assessed areas”.

Core throughout the length of the three holes in the Phoenix Zone is typically crumbly, rubbley and broken, even at depths of 200 metres. The rubbley, soft, broken nature of the bedrock in the Phoenix zone may be due to glacial thrusting. Overburden depths are also a challenge, as thicknesses ranged from 12 to 64 m.

In general, the three Phoenix drill holes encountered sequences of argillite ± siltstone, cut by narrower units of felsic tuff. The argillite sequences contained quartz veins with occasional arsenopyrite, or with galena and pyrite. Gold is commonly associated with these sulphides. Pyrite is much less common within the argillite -siltstone units compared to similar units in the Main Zone. Best intercepts are 11.0 m of 0.36 g/t Au in hole 18-CCR-040; 0.21 g/t Au over 18 m in hole 18-CCR-041; and 11.49 m of 0.20 g/t Au in hole 18-CCR-042.

The lithology and alteration of the Phoenix Zone differs from the Main Zone in several ways. The argillite sequences in the Phoenix Zone are less competent and have less pyrite and silicification than in the Main Zone. The core is generally more soft and broken, and underlies areas of deep overburden. Pyrite is less common, fine-grained and generally disseminated; in contrast, pyrite is often ubiquitous in the Main Zone and displays several phases, including fine disseminations, blebs with quartz veins, and late-stage euhedral cubes.

The lithologies of the three holes drilled in the Phoenix Zone are typically alternating sequences of black argillite with grey to greenish felsic tuffs and dykes. All lithologies are weakly competent, with soft, gougey textures and broken core. Core lengths are typically less than 20 cm in length. Greywackes units are more common in the Main Zone.

In the Phoenix Zone, quartz veins are generally less common; arsenopyrite has been observed in several holes and appears to be more common; and visible gold has not been observed within the quartz veins to date. By way of comparison, in the Main Zone, mineralization typically includes pyrite, galena, sphalerite and chalcopyrite. Visible gold within quartz veins and stringers is common.

2.0 INTRODUCTION

This assessment report has been prepared at the request of Judy Stoeterau, Vice-president of Exploration of Spanish Mountain Gold Ltd ("SMG"). This report describes the 2018 core drill program, sampling procedures, analytical program and conclusions. This program was part of a larger exploration program in 2018 that also included an 11-hole reverse circulation drill hole program in September, and a metallurgical study on the selected holes from the core drill program. The report text was written by A. Koffyberg, PGeo, of Discovery Consultants, Vernon BC. QA/QC procedures and monitoring were done by W.R. Gilmour, PGeo, of Discovery Consultants. Figures were prepared by K. Litke, exploration manager on the Property.

Permitting included Mines Act Permit MX-10-199 with the BC Ministry of Energy, Mines and Petroleum Resources (“MEMPR”), and a reclamation bond has been posted by SMG. Reclamation work on the 2018 core drill sites has been completed on the Property. The Property lies within the Prescribed Mountain Pine Beetle affected area, and qualifies for an extra credit under the British Columbia Mining Exploration Tax Credit.

3.0 LOCATION AND ACCESS

The Property is located in the Cariboo region of south-central British Columbia, approximately 10 km southeast of the village of Likely and 66 km northeast of the City of Williams Lake (Figure 1). The centre of the Property lies at latitude 52˚35' N, and longitude 121˚28' W and the Property is situated between Quesnel Lake and Spanish Lake. The main mineral resource, termed the Main Zone, is located west of the northwest end of Spanish Lake, and is centred at approximate UTM coordinates 604400 East and 5827800 North (Datum NAD83, Zone 10). The Property stretches in general 9.8 km north to south, and 9.5 km east to west.

The Property can be reached from the town of Williams Lake via a paved secondary road that leaves Highway 97 at 150 Mile House, approximately 16 km east-southeast of Williams Lake, and continues for 87 km to Likely (Figure 1). From Likely, the central and northern part of the Property is accessed via the Spanish Lake Forest Service Road (FSR 1300), which begins east of Likely and continues through the centre of the Property. The southern portion of the Property is accessed from Likely along the Cedar Creek / Winkley Creek Forest Service Road (FSR 3900), for a distance of about 10 km. Numerous logging roads offer fair access to areas south of Spanish Lake. North of the lake access is poor.

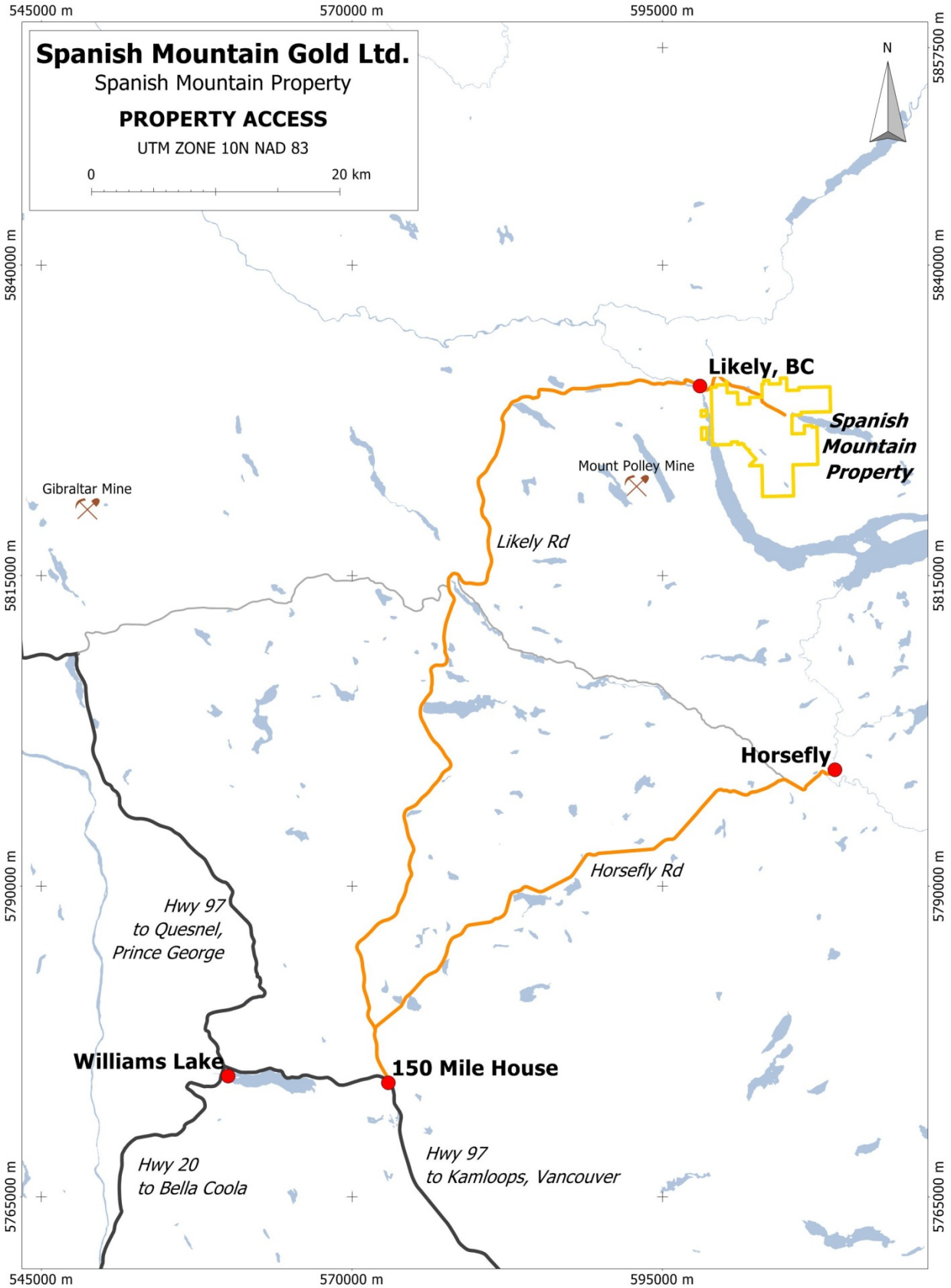


Figure 1 Property Location and Access

4.0 TOPOGRAPHY, VEGETATION & CLIMATE

Physiographically, the area is situated within the Quesnel Highland, which is transitional between the gently undulating topography of the Cariboo Plateau to the west, and the steeper, sub-alpine to alpine terrain of the Cariboo Mountains to the east. The terrain is moderately mountainous with rounded ridge tops and U-shaped valleys. Within the Property, elevations range from 910 m above sea level ("asl") at Spanish Lake to 1470 m asl near the summit of Spanish Mountain. Drainage is via Spanish Creek, which drains north into Cariboo Creek, and via Cedar Creek, which drains west into Quesnel Lake. Quesnel Lake flows into Quesnel River, and, joined by Cariboo Creek, flows west to eventually join the Fraser River near the town of Quesnel.

Overburden depths are quite variable, ranging from one to ten metres in most of the Main Zone, to over 50 m further west in the Phoenix area. During the last glacial period, the ice advanced in a northwesterly direction (Tipper, 1971; Eyles and Kocsis, 1988). Rock outcroppings are scarce and are typically found along the crest of ridges, in incised river and creek gullies, and along shorelines.

Vegetation in the area consists of hemlock, balsam, cedar, fir and cottonwood in valley bottoms, and spruce, fir and pine at higher elevations. Alder, willow and devil's club grow as part of the underbrush, which can be locally thick. Parts of the Property have been logged at various times, resulting in areas having open hillsides with younger forest growth. In addition, large sections of the pine forest have been recently affected by mountain pine beetle infestation.

The climate of the Likely area is modified continental with cold snowy winters and warm summers. Likely has an annual average precipitation of approximately 70 cm. Snowfall in the region averages approximately 200 cm between the months of October and April. Most small drainages tend to dry up in the late summer.

5.0 PROPERTY DESCRIPTION

The Property consists of 44 MTO mineral titles, of which 20 are legacy claims, which form a contiguous block covering an area of approximately 7,621 hectares (Figure 2). The titles lie on BCGS Map Sheets 093A.053 and 063. All titles are 100% owned by SMG. Four underlying option agreements pertain to certain of the titles:

1. A 2.5% net smelter return (NSR) royalty payable to R.E. Mickle on 12 mineral titles
2. A 2.5% NSR royalty payable to D.E. Wallster and J.P. McMillan on one mineral title
3. A 2.5% NSR royalty payable to G. Richmond on two mineral titles
4. A 4% NSR royalty payable to Acrex Ventures Ltd on 11 mineral titles

Details of the four underlying agreements are given in the 2017 Preliminary Economic

Assessment Report (Schulte et al., 2017).

Table 1 lists the details of the 44 mineral titles. The 2018 core drilling for assessment was done on four of these titles (204667, 510115, 537371, 517485), as shown with an asterisk. SMG also owns seven overlying placer claims in the area.

TABLE 1: Mineral Tenure Description

Tenure Number	Claim Name	Area (ha)	Map Number	Registered Owner	Good To Date**
204021	PESO	225.00	093A.053	Spanish Mountain Gold Ltd.	2029/FEB/27
204224	DON 1	25.00	093A.053	"	2029/FEB/27
204225	DON 2	25.00	093A.053	"	2029/FEB/27
204226	DON 3	25.00	093A.053	"	2029/FEB/27
204227	DON 4	25.00	093A.053/063	"	2029/FEB/27
204274	MARCH 1	500.00	093A.053/063	"	2029/FEB/27
204275	MARCH 2	100.00	093A.053/063	"	2029/FEB/27
204334	JUL 2	225.00	093A.053/063	"	2029/FEB/27
204667*	CPW	100.00	093A.053	"	2029/FEB/27
205151	MEY 1	500.00	093A.053/063	"	2029/FEB/27
373355	ARMADA	450.00	093A.053	"	2029/FEB/27
373415	N.R.1	25.00	093A.053	"	2029/FEB/27
399410	ARMADA 2	500.00	093A.053	"	2029/FEB/27
399411	ARMADA 4	500.00	093A.053	"	2029/FEB/27
399412	ARMADA 5	500.00	093A.053	"	2029/FEB/27
399413	ARMADA 6	25.00	093A.053	"	2029/FEB/27
399415	ARMADA 8	25.00	093A.053	"	2029/FEB/27
399417	ARMADA 10	25.00	093A.053	"	2029/FEB/27
399419	ARMADA 12	25.00	093A.053	"	2029/FEB/27
404303	AG 2	25.00	093A.053	"	2029/FEB/27
502372	SPANISH 1	491.33	093A.053/054	"	2029/FEB/27
502608	SPANISH 2	157.23	093A.053/054	"	2029/FEB/27
503338	SPANISH 3	196.58	093A.053/054	"	2029/FEB/27
510115*	GOLDEN AIRPORT	274.82	093A.063	"	2029/FEB/27
512541		117.89	093A.053	"	2029/FEB/27
512542		78.58	093A.053	"	2029/FEB/27
512544		78.58	093A.053	"	2029/FEB/27
512547		19.65	093A.053	"	2029/FEB/27
512549		78.58	093A.053	"	2029/FEB/27
512572	FISCHER CREEK	196.34	093A.063	"	2029/FEB/27
514947	GOLD TREND	117.76	093A.063	"	2029/FEB/27
517007	GOLD	19.64	093A.063	"	2029/FEB/27
517056	GOLDIE	58.90	093A.063	"	2029/FEB/27
517098	GOLD3	39.26	093A.063	"	2029/FEB/27
517446		19.65	093A.053	"	2029/FEB/27
517485*		1335.78	093A.053	"	2029/FEB/27
521302	AKV	58.94	093A.053	"	2029/FEB/27
537371*	MOOREHEAD 12	78.52	093A.063	"	2029/FEB/27
537372	MOOREHEAD 13	39.27	093A.063	"	2029/FEB/27
538658	MOREHEAD 14	117.86	093A.053	"	2029/FEB/27
603743	LIKELY GULCH	78.52	093A.063	"	2029/FEB/27
810602	SPAN 3	19.63	093A.063	"	2029/FEB/27
822682 Δ		78.56	093A.053	"	2029/FEB/27

844711	SPAN 4	19.63	093A.063	"	2029/FEB/27
Total:		**7621.50**			

Claims in **red** are subject to the Mickle option agreement
Claim in **blue** is subject to the Wallster and McMillan option agreement
Claims in **green** are subject to the Cedar Creek option agreement
Claims in **purple** are subject to the Acrex purchase agreement

***** Titles on which drilling was done
****** Good To Date is dependent on the acceptance of this report
Δ Claim 822682 is converted from legacy claim 204727, which is subject to the Mickle option agreement

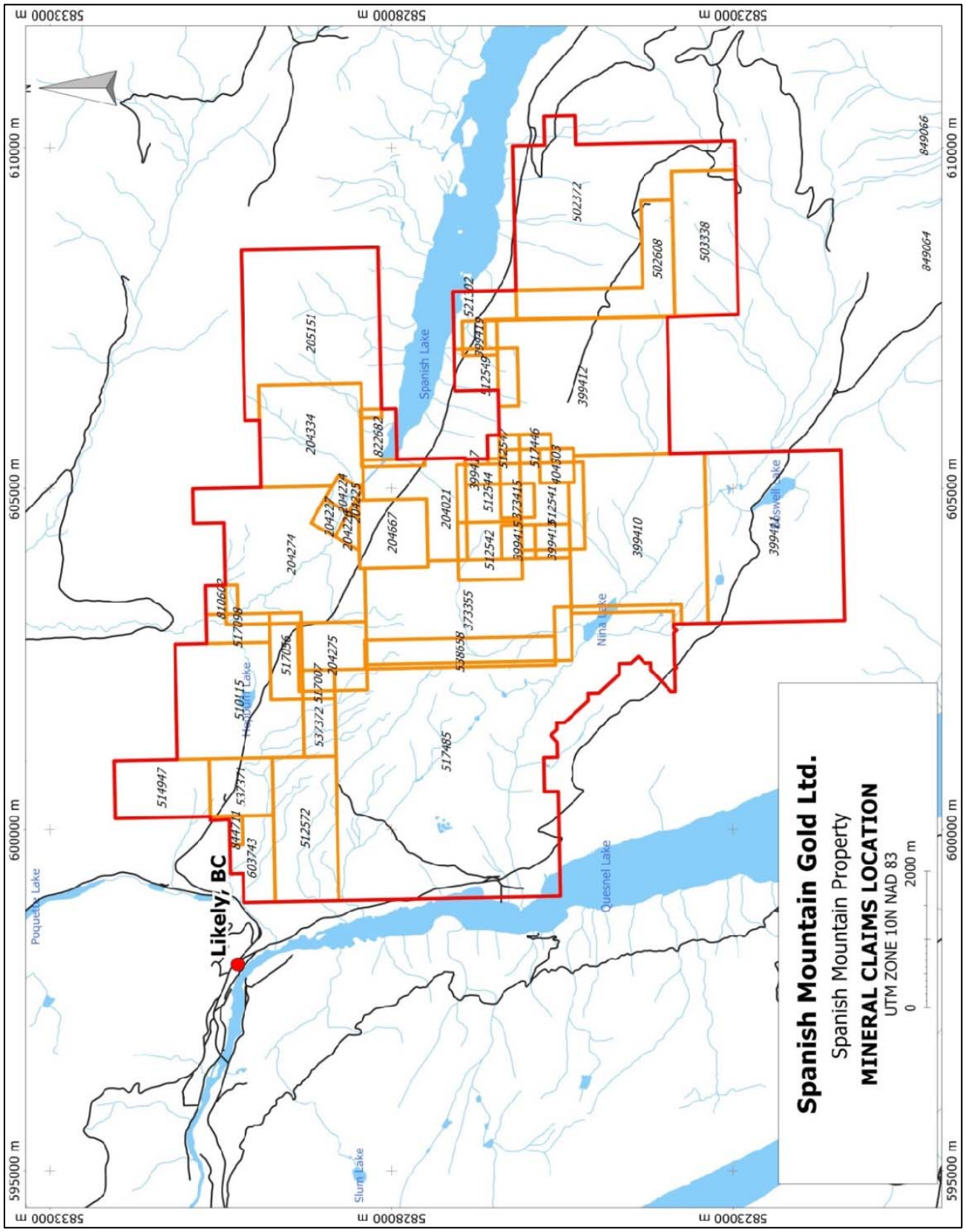


Figure 2 Claim Locations

6.0 EXPLORATION HISTORY

The history of the Property has been summarized by Page (2003), Johnston (2006) and by Singh and Stevens (2008), and the following section incorporates much of their work. A Preliminary Economic Assessment has been completed on the Spanish Mountain Gold deposit (Schulte et al., 2017).

The Spanish Mountain area was first explored during the historic Cariboo Gold Rush of 1859, when placer gold was discovered in the Quesnel and Horsefly rivers. The following year, placer gold was found in Keithley, Showshoe and Harvey Creeks (Holland, 1950). Although minor production was recorded on Cedar Creek in the early 1880s, richer placer deposits were not found until 1921, on the creek bed at higher elevations than the present valley bottom. This creek is located about 4 kilometres southwest of the deposit of the Property. It is estimated that 37,784 ounces of gold were mined from Cedar Creek between 1881 and 1945; and 3,706 ounces of gold from Spanish Creek between 1886 and 1945 (Holland, 1950). Spanish Creek is located less than one km east of the deposit.

In 1933, F. Dickson and J. Bayley discovered lode gold in quartz veins on the northwest side of Spanish Mountain and staked the MARINER claim. Between 1933 and 1938, stripping, prospecting and two short adits were driven into the footwall of two large quartz veins. From 1946 to 1947, El Toro BC Mines drilled eight holes and hand-cobbed four tons of ore, which was sent to the Tacoma, Washington smelter for processing.

No further work was recorded until 1976, when the historical showings were staked as the MARINER II claim, along with six PESO claims. Aquarius Resources Ltd. (a private company) carried out a regional exploration program in the area from 1979 to 1981, consisting of geochemical and geophysical work. In 1982, the MARINER II claim lapsed and was re-staked as the CPW claim by the Mariner Joint Venture. The corner post of this claim (currently known as MTO legacy claim 204667) was legally surveyed in 1983.

From 1983 to 1986, numerous companies continued to explore the area; work included geological mapping, soil sampling, IP surveying, trenching and RC drilling. In 1986, Pundata Gold Corporation consolidated much of the ground of what is currently the Property through option agreements, and undertook a comprehensive exploration program in 1987-1988. Focussing on the Madre Zone [currently termed the Main Zone], work consisted of: diamond drilling (37 holes; 3,273 m); RC drilling (15 holes; 1,237 m); trenching (848 m); geological mapping; rock sampling (5,350 samples); metallurgical testing (11 samples); and a preliminary resource estimate (Honsinger and Campbell, 1988).

In 1992, Eastfield Resources Limited ("Eastfield") consolidated much of the property through option agreements with various individuals and through staking. The company sub-leased the ground to Renoble Holdings Incorporated, which mined and stockpiled 635 tonnes from a small

open pit on the Madre Zone (CPW claim); of which some of the ore was sent to the Premier mill and some to the Bow Mines mill in Greenwood. It is estimated that a total of 4,697 grams gold (151 troy ounces) was recovered (Minfile 093A043 production report).

The target of exploration up to this time had been high-grade gold mineralization hosted in quartz veins within greywacke sequences. In 1995, Cyprus Resources Limited ("Cyprus") optioned the property and focussed its exploration towards a larger, disseminated gold, bulk-mineable target. The following year the company undertook a large trenching program of semi-continuous trenches (2,590 m) and 76 m of test pits. Because of a corporate decision to shut down Canadian operations, Cyprus returned the property to Eastfield.

In 1997, Eastfield was re-organized into two companies: Wildrose Resources Limited ("Wildrose") and Eastfield Resources Limited, through a Plan of Arrangement. Wildrose was allocated a 100% interest in the Spanish Mountain property and optioned it in 1999 to Imperial Metals Corporation, which was interested in determining whether low grade gold within the sedimentary rocks of Spanish Mountain could be added to their mill feed at the Mount Polley mine, located 15 km to the west, as a "sweetener" for their copper-gold ore. The company drilled 464 air-track percussion drill holes in five areas to extract a bulk sample, each to a maximum depth of 13 metres, for a total of 2,542 m. The area of the final blast encompassed 103 of the holes, and the blasted material averaged a gold assay of 2.20 g/t gold. In total, 1,908 dry tonnes, in 64 truckloads, was sent to Mount Polley and fed into the mill over a 2-day period. It was determined that, although the gold recovery grade was good, the high concentration of pyrite had a negative effect on the copper grade, and the material was thus deemed unsuitable for mixing with the Mount Polley mill feed (Robertson, 2001).

Skygold Ventures Ltd ("Skygold") became involved in 2003 when the company optioned the property from Wildrose and staked the ARMADA 2, and ARMADA 4-12 claims to the south. With Wildrose as operator, work consisted of 30 excavator trenches totaling 2,419 m. The following year, an RC drilling program was conducted to follow up the 2003 trench results and other soil and geophysical anomalies. In total, 2,506 m was drilled in 34 holes. This drilling was successful in intersecting several wide zones of mineralization assaying >1 g/t gold, hosted primarily in black argillite. A limited soil sampling program was also carried out.

In 2005, Skygold began diamond drilling and continued with RC drilling with joint venture partner Wildrose. A program totalling 7,746 m of diamond drilling (35 holes) and 3,377 m of RC drilling (30 holes) was carried out, along with geological mapping, rock sampling and soil sampling (Singh, 2008).

In 2006, Skygold expanded its exploration work by drilling 21,881 m of diamond drilling in 88 holes on the Main Zone and the North Zone. In addition, 5,008 m of RC drilling in 50 holes were drilled in the Placer Creek, East and the Cedar Creek areas. Grid soil sampling (1,515 samples), and regional and property scale geological mapping were also completed. Rock samples,

totaling 465 collected on a regional scale, led to the discovery of the Oscar showing north of Spanish Creek. Geophysical work comprised an airborne EM and magnetic survey over the Property. Other airborne work included orthophotography taken from an aircraft flying over the Property, from which were produced 1:1000 scale, 0.30 m resolution orthophotos and topography maps (Singh, 2008).

In addition, Knight Piésold Consulting Ltd. was contracted to perform environmental baseline studies, which included meteorological studies, surface water hydrology and quality studies, preliminary waste characterization and fisheries sampling (Singh and Stevens, 2008).

The following year, 2007, Skygold conducted 26,993 metres of diamond drilling in 126 holes, focusing on infill drilling on the Main Zone for geological resource modeling, but also tested outlying areas (Singh, 2008). Limited geological mapping, soil sampling (1,100 samples) and rock sampling (127 samples) were also performed. Metallurgical testing involved the analysis of four composite samples by various flotation techniques to determine preliminary gold recoveries. In addition, a 30-person camp and core logging facility was built on Skygold's private property located within the village of Likely.

A large drilling program consisting of 40,449 m of NQ and NQ2 diamond drilling in 161 holes was done in 2008 (Peatfield et al., 2009). Drilling focused on the lateral extent of the Main Zone, to the northwest and to the north at depth, and the lateral extent of the North Zone, for a total of 140 holes. Drilling also tested the ROG area where high grade trench and rock sampling was targeted with 18 drill holes; the Cedar Creek area, termed the CCR, where 2 drill holes tested anomalous gold in soils; and the Placer area where one drill hole tested an area of an anomalous rock sample.

Geological mapping was done in the Main Zone, primarily on newly exposed outcrop from pad building. Mapping was also done in the ROG and Cedar Creek areas. In total, 341 soil samples were collected between the Main Zone and the ROG area to the south. Environmental baseline studies were limited to monitoring weather stations.

In 2009, Skygold continued definition drilling in the Main Zone with a program of 62 diamond drill holes, totalling 13,769 m. (AGP Mining Consultants, 2010). Of these holes, 33 HQ holes were done on the Main Zone, along with 4 twinned NQ holes, to test whether there was any apparent bias in assay grades in NQ versus HQ size core. The results were inconclusive, since the HQ samples were analysed at a different lab from the NQ samples. In addition, three deep holes were drilled below the Main Zone, ranging in depth from 450 m to 650 m, totalling 1,705 m. The holes were collared about 200 m apart along a fence oriented from 119° to 289°. The drill holes intersected thick sequences of sedimentary strata with generally low gold values at depth.

Outside drilling targets were also drilled, including the ROG, Cedar Creek, Placer, North Zone

step-out and Black Bear Mountain, for a total of 6,849 m in 21 holes (Montgomery, 2009). Other work included reconnaissance geological mapping, rock sampling (41 rock grab samples) and preliminary re-interpretation of historic data. The Imperial Metals pit and neighbouring trenches on the Main Zone were re-excavated, mapped and chip sampled. A limited soil sampling program was carried out in the south part of the Property within the ROG area (121 samples) and the Cedar Creek – Mt Warren area (28 samples).

Skygold Ventures Ltd. formally changed its name to Spanish Mountain Gold Ltd., effective January 14, 2010.

The 2010 exploration program consisted of 20 core diamond drill holes within and peripheral to the Main and North Zones of the deposit, for a total of 6,834 m (Koffyberg, 2011). Seven of the holes were geotechnical holes of HQ3 size within the Main and North Zones. The sites targeted areas of potential waste rock, which will potentially form the pit walls. Four metallurgical (HQ) holes were drilled in the Main and North Zones. These holes were designed to provide information for the on-going metallurgical testing program dealing with gold recoveries. One HQ3 hole, located in the Main Zone, was selected for both geotechnical and metallurgical analysis. The remaining eight NQ holes were exploration holes drilled outside of the boundary of the Main and North Zones, to determine the potential for expansion of the Main/North Zone gold resource.

Baseline environmental studies conducted by Knight Piésold Ltd continued in 2010 as part of a long-term data collection and monitoring program. The 2010 work included meteorology, surface hydrology, stream water quality analysis, and flora and fauna studies. The size of the Property was increased with the acquisition of the Cedar Creek property to the west.

In 2011, SMG carried out an infill diamond drilling program on the Main and North Zones, for a total of 82 holes. This work totalled 8,869 m of core diamond drilling from 31 holes in the Main Zone, and 10,568 m of core diamond drilling from 51 holes in the North Zone. The program was designed to provide additional information to enable a re-classification from the Inferred to Measured and Indicated categories. Included in the Main Zone were three deep holes (11-DDH-986,987,988), drilled to test for mineralization at depth. These holes reached depths of 444 m, 566 m and 517 m. One of the holes encountered 23.5 m of 0.58 g/t Au at a depth of 484.5 m; a second hole carried 9.0 m of 1.32 g/t Au at a depth of 489 m, indicating that gold mineralization continues with depth. In addition, four of the holes were geotechnical holes, designed to provide information for open pit designs. An updated resource estimation gave a measured and indicated resource of 138,030,000 tonnes grading 0.49 g/t Au at a 0.20 g/t Au cut-off (Giroux and Koffyberg, 2011).

A diamond drilling program was undertaken in the North Cedar area where 32 diamond drill holes in a grid-like pattern at intervals of roughly 500 m. Within this area, a new zone of gold mineralization was discovered in late 2011 and termed the Phoenix Zone. This zone is located

about two kilometres west of the Main Zone. Gold intercepts included 92 m grading 0.58 g/t Au, and 55 m grading 0.82 g/t Au (Giroux and Koffyberg, 2012).

Exploration work was also performed in the southwest part of the Cedar Creek area with a grid soil survey, which outlined a copper-in-soil anomaly. A drill program, consisting of 17 diamond drill holes, resulted in sub-economic concentrations of copper over wide intervals, with narrow intervals having higher values over the range of 0.11 to 0.44% copper. Other work included an airborne geophysical survey, which was carried out over the Property in late 2011. This involved a magnetic and DIGHEM V electromagnetic airborne survey, which was carried out by Fugro Airborne Surveys Ltd. Baseline environmental studies continued throughout the year (Giroux and Koffyberg, 2012).

SMG continued definition drilling in 2012, with an infill core drilling program on the Main and North Zones, which comprised 144 core drill holes for a total of 27,310 m. Work focused on 131 NQ core drill holes, for a total of 24,290 m to determine the potential for expansion of the Main/North gold resource. This work totalled 19,970 m of core drilling from 98 holes in the Main Zone, and 4,320 m of core drilling from 33 holes in the North Zone and was used for an updated 2012 resource estimate (Giroux and Koffyberg, 2012). In addition, 12 geotechnical (HQ) drill holes on the Main and North Zones provided information on rock competencies to aid in the design of a potential open pit.

Exploration drilling continued in the North Cedar area to better define the Phoenix Zone, resulting in seven core drill holes totalling 2,012m.

In 2013, the focus switched to RC drilling after a review by M. Beattie, P.Eng and CEO of SMG, who did a comparison study of gold grades from core drilling (2005 to 2012) versus RC drilling (2004 to 2005). The study concluded that the smaller sample size of NQ drill core had understated the gold grade of the SMG deposit, and that larger sample sizes produced by RC drilling should be expected to give a more accurate gold grade since the larger volume of rock gives more representative samples of gold grains than split, half-core samples. Furthermore, gold grades are also expected to be more accurate due to significantly better recovery in gouge and fault zones.

A test block within the deposit of the main Zone was drilled in 56 RC holes. The following year, additional RC drilling was carried out on the Main and North Zones, totalling 2,621 m in 18 holes.

A 2017 Preliminary Economic Assessment calculated a Measured and Indicated Resource of 306,530,000 tonnes of 0.39 g/t Au, at a cut-off grade of 0.15 g/t Au, resulting in contained gold of 3,880,000 ounces Au (Schulte et al., 2017).

7.0 GEOLOGY

7.1 Regional Geology

The Property lies within the Quesnel Terrane of the Intermontane Belt. The rocks of the Quesnel Terrane are predominantly sedimentary and volcanic rocks of the middle to upper Triassic Nicola Group, representing an island arc and marginal basin assemblage. East of the Property, the regional, southwesterly dipping Eureka Thrust marks the western extent of pre-Quesnel Terrane rocks; notably the intensely deformed, variably metamorphosed Proterozoic and Paleozoic pericratonic rocks of the Snowshoe Group. This region also includes the Crooked Amphibolite unit of the Slide Mountain Terrane, of Carboniferous to Permian age, which overlie the rocks of the Snowshoe Group in thrust fault contact; and Quesnel Lake gneiss, of Late Devonian to Carboniferous age.

The stratigraphy of the Quesnel Terrane in the Spanish Mountain area has been examined by Campbell (1978), Struik (1983, 1988), Bloodgood (1988), and more recently by Schiarizza (2016, 2017, 2018). Panteleyev et al. (1996) produced a geological compilation of the Quesnel River - Horsefly area. The Quesnel Terrane in the region consists mainly of a sedimentary package of black graphitic argillites, phyllitic siltstones, sandstones, limestones and banded tuffs of the Nicola Group, and is weakly metamorphosed. The age of the Nicola Group, based on conodont fossils found south of Quesnel Lake, is Middle to Late Triassic.

Schiarizza (2018) subdivided the Nicola Group rocks in the Spanish Mountain area into three assemblages, two of which occur on the Property. Assemblage One, of Middle Triassic age, consists of siltstone and argillite with lenses of pillowed basalt and volcanic sandstone. These rocks form a northwest trending belt that dips steeply to the southwest and is stratigraphically overlain by Late Triassic Nicola Group Assemblage Two, which comprises volcanic sandstone, conglomerate and siltstone.

The overlying Nicola Group volcanic rocks of Assemblage Three are in depositional contact with the metasedimentary rocks of Assemblage Two. This unit consists of pyroxene-phyric basalt, pillowed basalt and basalt breccia, and is exposed in the southwest part of the map area.

In addition, Schiarizza (2016, 2017) re-assigned what was Nicola Group rocks north of Spanish Lake to the middle to upper Triassic Slocan Group. An inferred fault under Spanish Lake and along Spanish Creek marks the new boundary between these units. These two units are of the same age, trend to the northwest, and have very similar lithologies, with the exception of volcaniclastic sediments being restricted to the Nicola Group rocks. However, the structural domains differ. The eastern domain of Slocan Group and underlying Paleozoic rocks is represented by a series of northeast verging folds, cut by younger southwest verging structures. In contrast, the western Nicola Group assemblages are part of the forelimb of a major southwest-verging fold (Schiarizza, 2018). Figure 3 shows the regional geology.

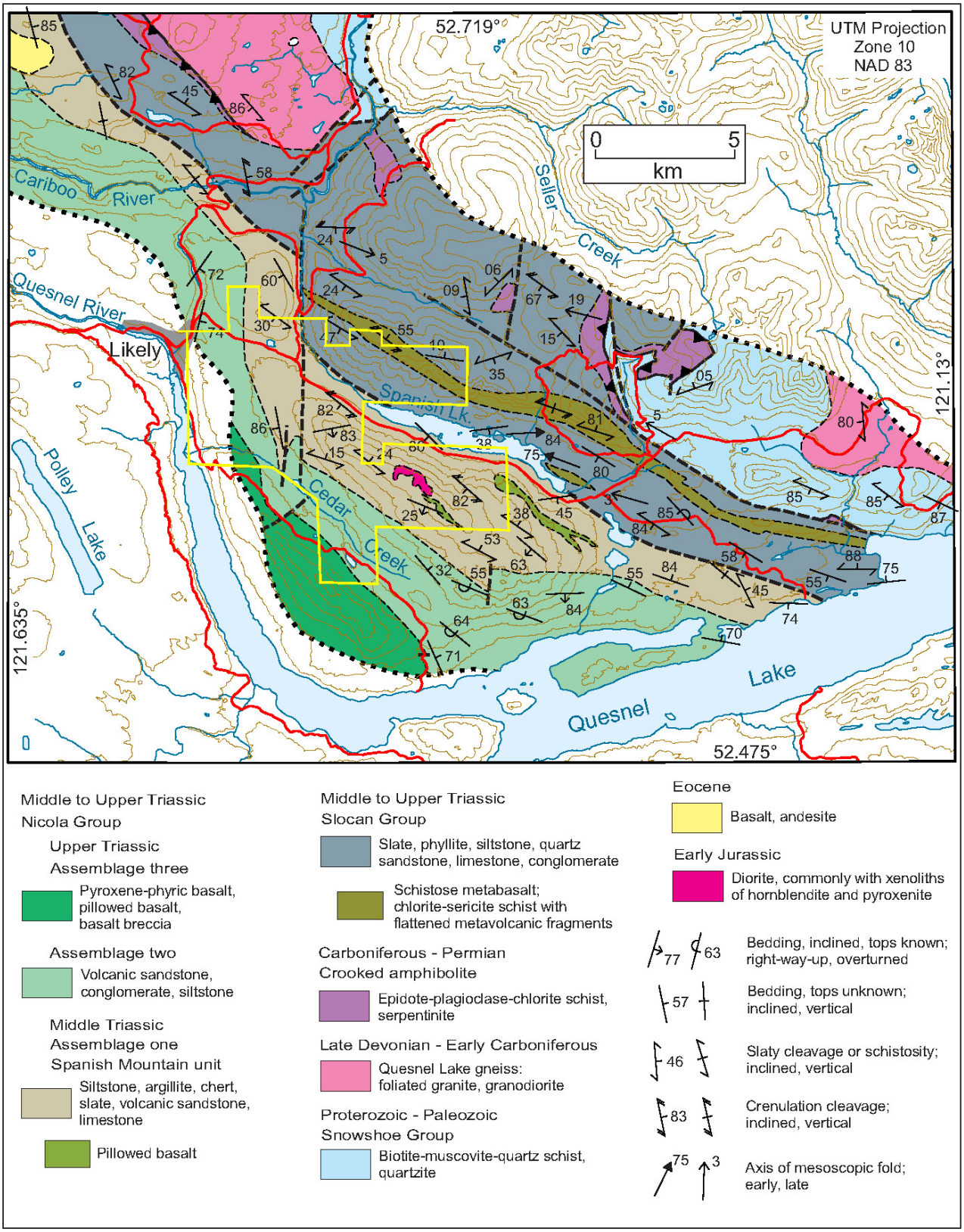


Figure 3 Regional Geology, from Schiarizza (2018)

7.2 Property Geology

Much of the information on the Property geology has been taken from Singh (2008). The SMG deposit is within Nicola Group metasediments of the Quesnel Terrane and are situated within the Assemblage One rocks defined by Schiarizza (2017). The deposit is a bulk-tonnage, gold system of finely disseminated gold within interbedded slaty to phyllitic argillite, dark grey to black siltstone, carbonaceous mudstone, greywacke, tuff and minor conglomerate. The main host of the gold mineralization is black, graphitic phyllitic argillite. As well, local high-grade, gold-bearing quartz veins occur within siltstones, greywackes and tuff. The largest zone carrying significant gold mineralization is called the Main Zone, which has been traced by drilling over a length of approximately 900 m north-south and a width of 800 m. The stratigraphy of the smaller North Zone is less well understood, but consists of argillites, siltstones and lesser mafic volcanic dykes and sills, covering an area of about 400 m north-south, with similar width as the Main Zone. The boundary between the North and Main Zones is roughly defined by the 1300 FSR, and is underlain by silicified siltstone with mafic dykes.

Statigraphy

The stratigraphy of the SMG deposit has been summarized by Singh (2008). Slightly revised, it comprises the following stratigraphic sequence from northeast to southwest, and stratigraphically higher to lower:

- **North Zone Argillite**: fine-grained, black argillite with siltstone interbeds, generally 30 to 100 m thick. Interbeds of altered tuff also occur. This unit hosts wide zones of disseminated gold mineralization. Alteration consists of ankerite, sericite, pyrite, silicification, and quartz veining.
- **Altered (Upper) Siltstone** (with mafic dykes): medium to light grey, finely laminated, up to 130 m thick. Several altered mafic dykes are present. Visible gold has been noted in quartz veins in several locations. Alteration consists of chromium-rich sericite, ankerite, silicification and quartz veining.
- **Main Zone (Upper) Argillite**: Black, graphitic, locally finely laminated. The unit is up to 100 m thick, with contorted bedding (cataclastic deformation) and is locally friable and faulted. Alteration consists of occasional ankerite and minor quartz veins. The bulk of the disseminated gold mineralization (>65%) is hosted in this unit.
- **Lower Tuff - Greywacke** (with mafic dykes): Often mottled, light to dark grey, fine to coarse-grained tuffs with lesser siltstones, greywackes and minor felsic dykes. Local argillite horizons are also present. The unit is often strongly silicified, and sometimes pervasive alteration (sericite–ankerite–silica) has made identification of the original rock type very difficult. Visible gold is often found in quartz veins. It also contains thin sills of a probable mafic intrusion.
- **Conglomerate**: medium–grained, angular to sub-rounded, clast supported. Clasts are commonly siltstone, tuff and greywacke. The unit is narrow (<1m), however, it is useful as a marker horizon at the base of the Lower Tuff – Greywacke sequences.

- **Lower Argillite** (with tuffs and siltstone): black to dark grey, interbedded argillite, tuff and siltstone, with minor felsic dykes. This unit exhibits ankerite and silica alteration and only minor graphite. Pyrite content is generally <2%. The unit hosts lesser to minor amounts of gold mineralization.

The narrow intrusive felsic sills and dykes, as seen in drill core, have also been noted in outcrop outside of the deposit to the southwest, within siltstone-greywacke sequences along the top of the ridge.

Outside of the Main and North Zones, other lithological units have been identified in drill core. These include amygdaloidal basalt to the northwest of the Main Zone in the Placer area, quartz porphyry rhyolite, diorite, and quartz-feldspar porphyry, as seen in drill core in the “Ropes of Gold” (ROG) area, situated south of the Main Zone.

Alteration

The sedimentary package has undergone widespread alteration. The most extensive alteration consists of ankerite-sericite-pyrite, with accessory rutile. Ankerite typically occurs as porphyroblasts up to 10 mm in diameter, which are sometimes stretched parallel to foliation within the black argillite. Within the tuffs/greywackes and intrusive sills, the ankerite is more pervasive, and along with silica alteration, sometimes completely alters the original composition of the rock. Sericite alteration is also locally intense, resulting in a bleached appearance. Silicification has affected the siltstone and tuff units and varies in intensity from weak to strong and pervasive. Bright green chrome mica (fuchsite) occurs as isolated grains within tuffs/ greywackes and within intrusive sills, where it also appears as a pervasive green alteration.

Pyrite is typically 1 to 2% within the argillite but can be up to 6% locally, and occurs as fine disseminations, as cubes up to 1.5 cm, along veins as blebs, and as fracture fill. Within siltstones, tuffs and greywackes, it forms larger cubes up to 15 mm, but is generally less abundant.

Mineralization

Gold mineralization occurs as two main types:

1. Disseminated within the black, graphitic argillite. This is the most economically significant form. Gold grain size is typically less than 30 µm, and is often, but not always, associated with pyrite. Disseminated gold has also been associated with quartz veins within fault zones in the argillite.
2. Within quartz veins in the siltstone/tuff/greywacke sequences. It occurs as free, fine to coarse (visible) gold and can also be associated with sulphides including galena, chalcopyrite and sphalerite. Highest grades have come from coarse gold within quartz veins.

Disseminated gold within the argillite units is by far the most potentially economically important

type of mineralization, and has been traced for over 2 km, occurring in multiple stratigraphic horizons. From drill core, elevated gold content has been noted within fault zones as well as within quartz veins in fault zones. However, the influence of fault zones in relation to the gold content of the deposit is not certain.

Although a lesser component, quartz veins carrying free gold have yielded the highest grade individual samples on the Property. These veins tend to occur in the more competent facies such as siltstone and tuff/greywacke. The veins are discontinuous on surface and exhibit a strong nugget effect. Gold is often associated with base metals in these veins. In particular, sphalerite, galena and chalcopyrite are commonly associated with free gold. Economically, the base metals are insignificant, but mineralogically they are a good indicator of gold mineralization. It is thought that gold and base metals may have been re-mobilized into these veins.

These veins typically crosscut all foliation fabrics and thus appear to have been emplaced late in the tectonic history. From work done by geological mapping and on oriented core data, it is known that the veins generally strike between 010° and 050°, and dip at various angles to the southeast and northwest. Several "blow-out" veins, which are 1 to 5 m thick, have been identified on the Main Zone.

Deposit Type

The deposit has been classified as a Sediment-hosted Vein (SHV) deposit, as defined by Klipfel (2005). Key characteristics of SHV deposits include the following:

- Hosted in extensive belts of shale and siltstone sedimentary rocks of up to thousands of square kilometres
- Rocks originally deposited in sequences along the edges of continents known as passive margin settings
- The sedimentary belts have typically undergone fold/thrust deformation
- Other important tectonic and structural indicators include proximity to continental basement, the presence of cross structures and multiple episodes of alteration
- The presence of quartz and quartz-carbonate veins
- Wide spread regional carbonate alteration is common. The carbonate alteration is typically ankerite, dolomite or siderite, as porphyroblasts and/or as pervasive, fine-grained carbonate
- Widespread sericitic alteration in both argillite and siltstone
- Knots and “nests” of pyrite along with large pyrite cubes and fine-grained disseminated pyrite throughout the host rocks, and in argillites in particular
- They are often simple gold systems. Sometimes trace elements associated with SHV deposits are arsenic (as arsenopyrite), tungsten, bismuth and tellurium. Generally there is a paucity of copper, lead and zinc sulphides, but minor amounts occur in a few deposits
- The deposits can be associated with prolific placer gold fields

- Granitic rocks commonly, but not always, occur in spatial association with the deposit. The timing of granitic intrusion can be before or after mineralization.

SHV deposits are some of the largest in the world with many of the largest located in Asia, such as the Muruntau deposit in Russia. In North America, small to medium deposits occur in the Meguma Terrane of Nova Scotia and in the southern half of the Seward Peninsula in Alaska (Klipfel, 2005).

The SMG deposits shows many of the features common to these deposits (Klipfel, 2007), including some of the structural characteristics, regional extent of alteration, alteration mineralogy, mineralization style and gold grade. In addition, the metal chemistry is gold without an association of other trace elements. There is also a lack of significant base metal sulphides.

Recent $^{40}Ar/^{39}Ar$ age dating has been done by Mortensen et al. (2011) on micas within gold bearing veins and barren veins from the deposit. Muscovites have indicated an age of 152-160 Ma, which likely represents the age of formation of the veins and not a deformation age. U-Pb isotope dating of zircons within the intrusive sills and dykes to the southwest of the deposit has yielded ages of 185.6±1.5 to 187±0.08 Ma, that is, Early Jurassic age (Rhys et al., 2009). Despite its close spatial relationship to the quartz veins, the gold mineralization is about 35 m.y. younger than the intrusions, and there is thus no genetic relationship between them (Mortensen et al., 2011).

The geology of the Property is shown on Figure 4.

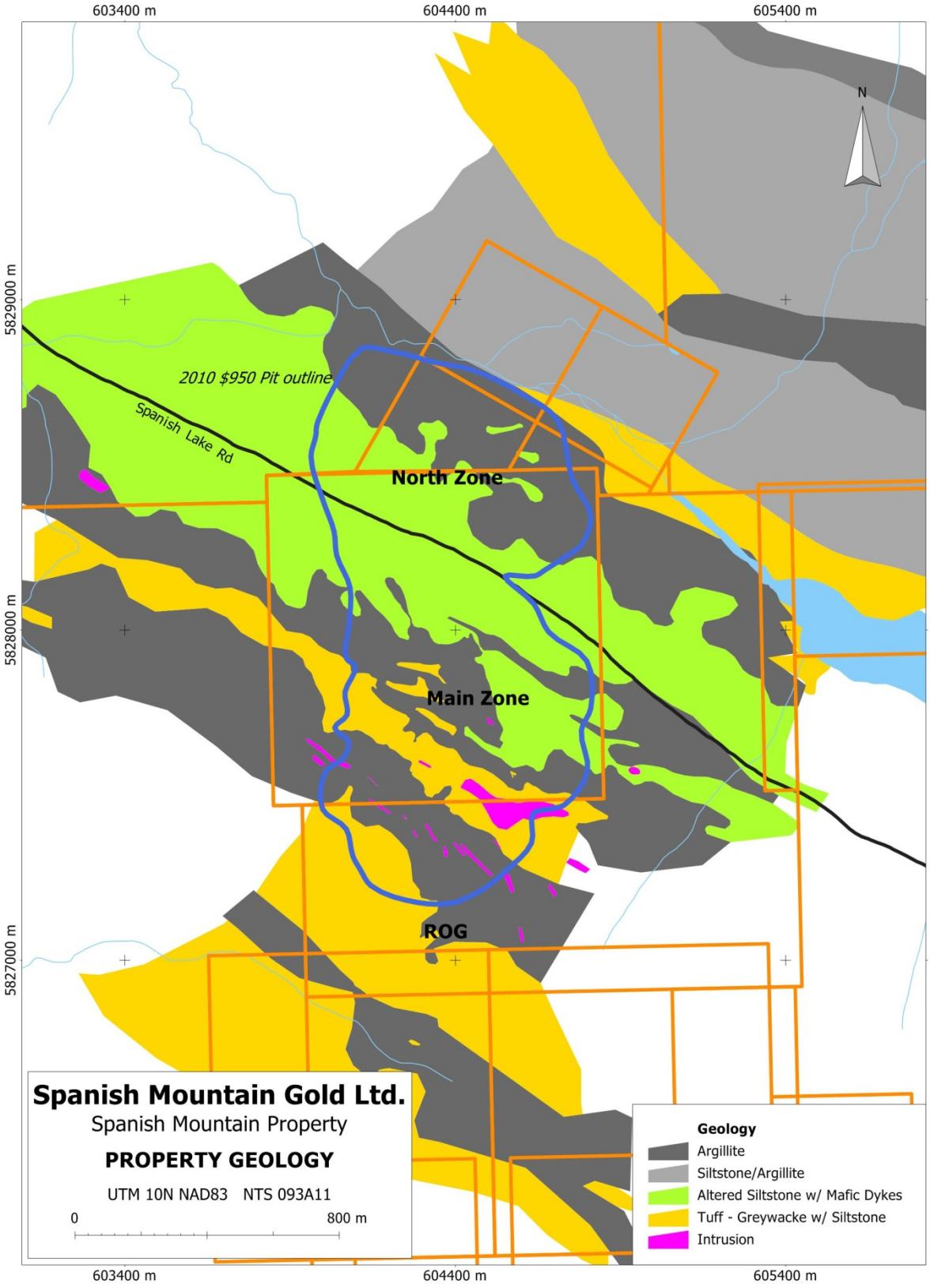


Figure 4 Property Geology

8.0 2018 CORE DRILLING PROGRAM

In July 2018, SMG carried out a two-stage core diamond drilling program: the first stage comprised three metallurgical HQ holes on the Main Zone; followed by three exploratory HQ holes on the Phoenix Zone. Diamond drill holes 18-DH-1217 to 18-DH-1219 were drilled as vertical holes in the Main Zone for confirmatory metallurgical test-work related to proposed flow-sheet and gold recovery. Subsequently, diamond drill holes 18-CCR-040 to 18-CCR-042 were drilled as exploration holes in the Phoenix Zone. The holes were drilled to test the continuity of mineralization along a one-km wide corridor outlined by previous work. Fieldwork took place from July 2 to 27, 2018.

8.1 Sampling Method and Approach

Drilling was contracted to Atlas Drilling Company of Kamloops, BC. Downhole measurements including azimuth and dip were measured using a Reflex EZ-Shot® tool. The measurements were collected every 50 m down hole.

The metallurgical holes in the Main Zone were transported to SMG's core logging facility, where rock quality designation (RQD) procedures and core logging were completed.

The exploration holes from the Phoenix Zone were transported to SMG's core logging facility, where RQD procedures, core logging, and core sampling and splitting were done. The entire length of the core was sampled. Core was generally sampled in 1.5 metre intervals with shorter lengths given for lithological changes or the presence of visible gold.

Core splitting on the Phoenix core was done using diamond bladed rock saws operated by company personnel. Half of the core was sent for analysis; the other half was returned to the core box for a permanent record. All core is stored on racks in the vicinity of the core logging facility on the company's privately-owned property in Likely. In total, 305 drill core samples were placed in rice bags and shipped through contract personnel (private courier) to ALS Chemex Labs ("ALS") in Kamloops, BC, for sample preparation, which were subsequently sent internally to the ALS lab in North Vancouver, BC, for analysis.

Drill collar locations were surveyed in-house using Trimble R8R2K Survey GPS equipment supplied by Cansel Survey Equipment Inc.

Figures 5 and 6 show the locations of the 6 drill holes. The location and parameters pertaining to the logged core are summarized in Table 2.

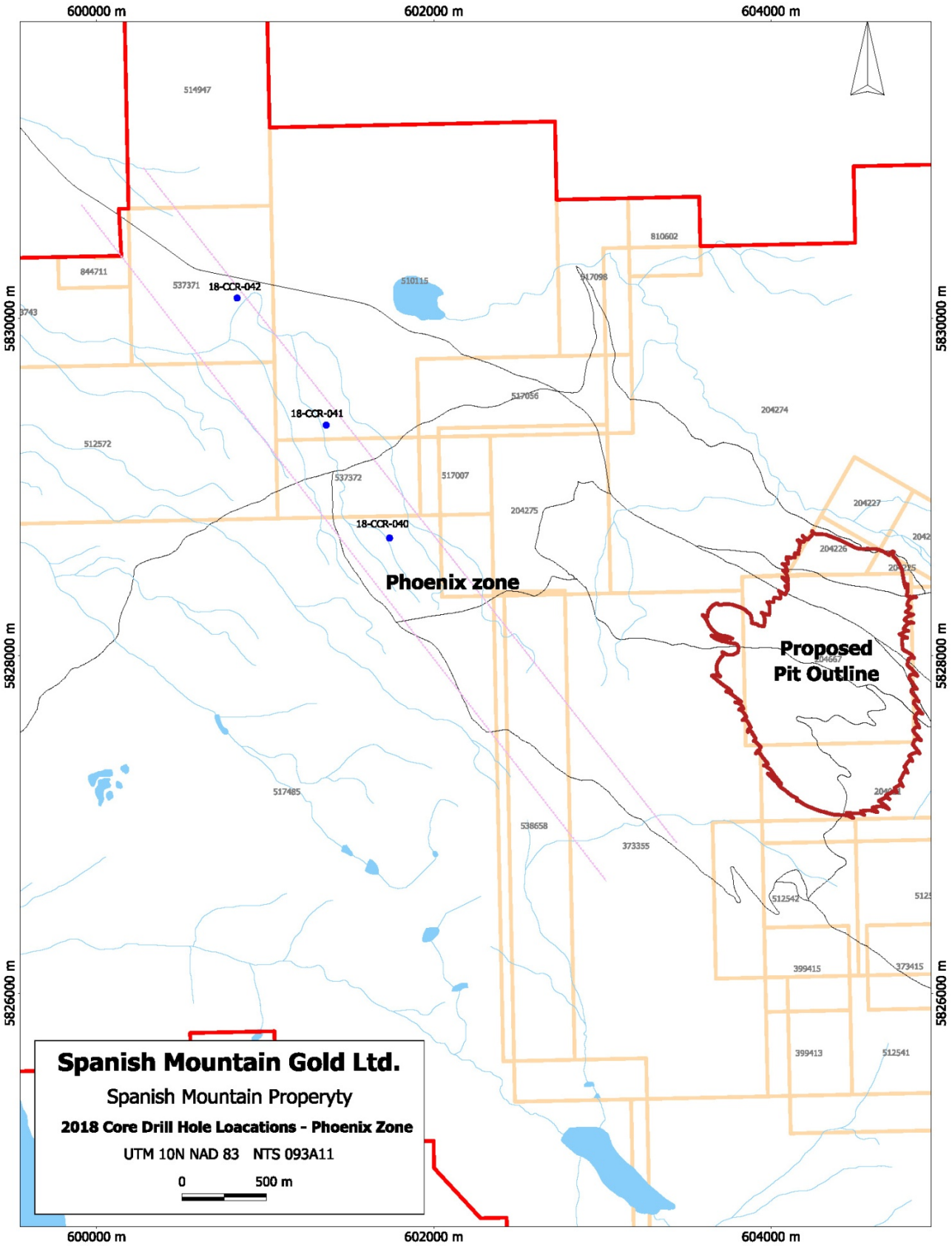


Figure 5 2018 Core Drill Hole Locations - Phoenix Zone

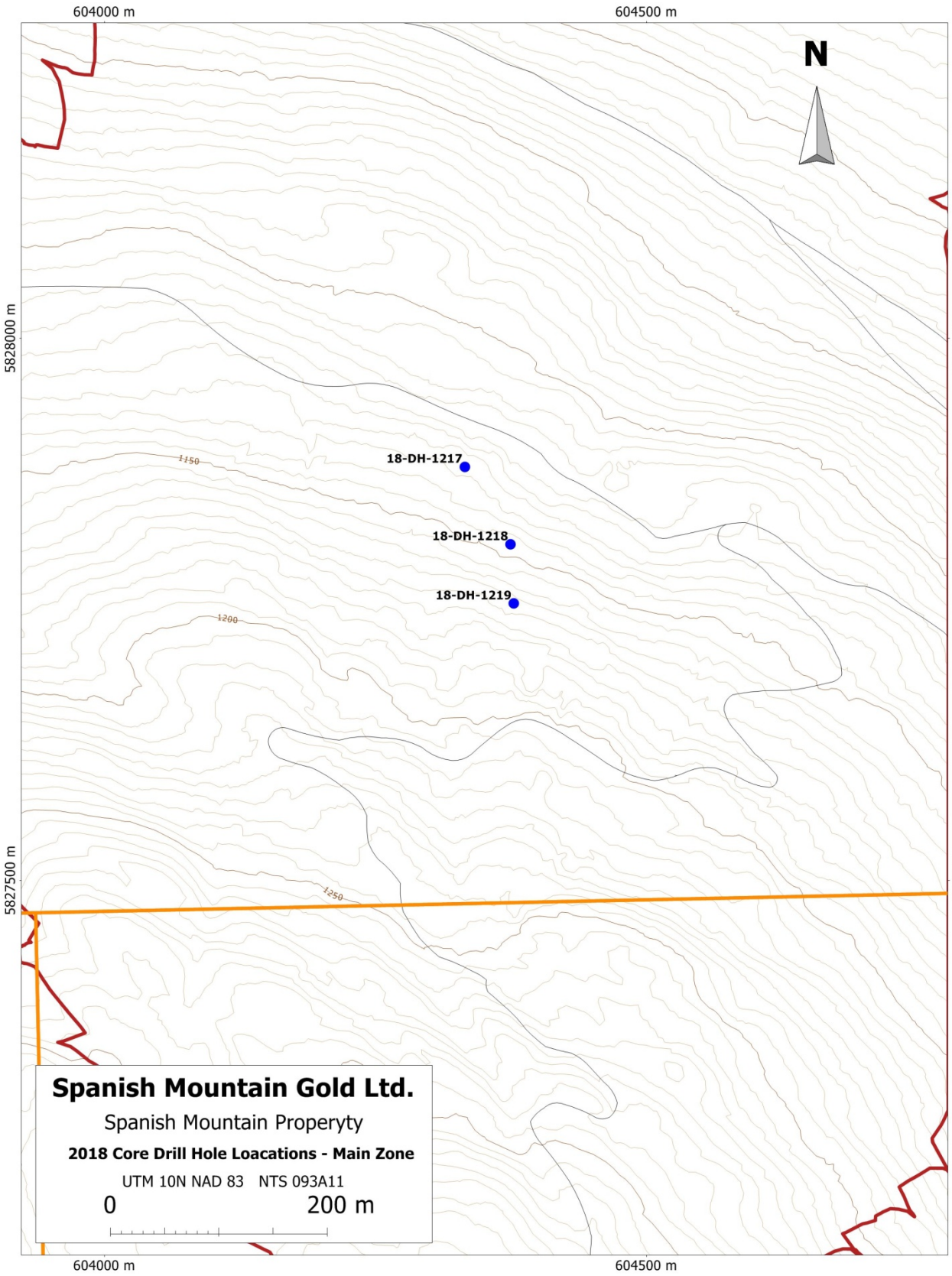


Figure 6 2018 Core Drill Hole Locations - Main Zone

TABLE 2: 2018 Drill holes Parameters

Drill hole #	Core Size	Location	UTM Location	Length (m)	Azimuth	Dip	Casing (m)	Type
18-DH-1217	HQ	Main Zone	5827881 604332	212.45	0	-90	7.59	metallurgy
18-DH-1218	HQ	Main Zone	5827810 604374	149.96	0	-90	12.20	metallurgy
18-DH-1219	HQ	Main Zone	5827755 604378	149.96	0	-90	6..84	metallurgy
18-CCR-040	HQ	Phoenix Zone	5828699 601741	154.53	0	-90	64.01	exploration
18-CCR-041	HQ	Phoenix Zone	5829371 601361	194.16	0	-90	12.19	exploration
18-CCR-042	HQ	Phoenix Zone	5830122 600835	200.25	0	-90	64.01	exploration
			Total metres=	**1,061.31**				

8.2 Sample Preparation, Analysis, QC/QA

At ALS, both gold and multi-elemental analyses were performed on the sample. Gold determination was performed using the standard 1 kg screen metallic method (ALS's Au-SCR21 method). Sample preparation involved crushing the entire sample in an oscillating steel jaw crusher for 70% to pass -2 mm. A 1,000 g split was then passing through a 150 mesh (100 micron grain size), producing a plus fraction (i.e., >100 micron) and minus fraction (i.e., <100 micron). Two 30 g sub-samples of the finer screened material were analysed by fire assay with AAS finish. The entire amount of coarser material was also assayed by the fire assay procedure, with a gravimetric finish. The gold assays from the two fines were weight averaged, and this assay was then weight averaged with the assay from the coarser fraction, giving an overall assay for the sample.

Multi-elemental analysis was done using the ultra-trace 4-acid ICP-ES technique (ALS's ME-ICP61 method). Sample preparation involved taking a 0.25 g sub-sample of the finer material and digesting the sample using an HF-HNO_3-$HClO_4$ acid digestion with an HCl leach. The solution is then analysed by inductively-coupled plasma atomic emission spectrometry ("ICP-AES") for a 33 multi-elemental analysis. All analytical results are given in Appendix I, and Certificates are presented in Appendix II.

QA/QC

The QA/QC protocol established for the currently advanced stage of exploration at Spanish Mountain was set up and monitored by Discovery Consultants. At the core facility, a sub-batch was set at 20 samples, and four sub-batches were sent at a time to ALS for analysis. Each sub-batch consisted of: one field blank, one standard, and one duplicate.

Field blanks consisted of sand collected from a gravel pit near the community of Big Lake Ranch, 30 km west of the Property. Samples of the sand were initially routinely checked by sending 15 samples for analysis to Eco-Tech labs in Kamloops, BC. This sand was routinely found to be "clean" or devoid of gold mineralization. Analysis of the blank material sent to ALS

with the core samples gave results within acceptable tolerances.

Field standards consisted of gold standards having varying gold content: OREAS 901 – 0.363 g/t Au ±0.036; CDN GS-1P5K - 1.44g/t Au ± 0.13; and CDN GS-3L - 3.18g/t Au ± 0.22. One of three standards was added randomly within a sub-batch of 20 samples, with each standard added within every 60 samples. Standards are produced by CDN Resources Labs Ltd. of Langley, BC, and by Ore Research and Exploration of Australia. The standards are certified to 2 standard deviations by a Certified Assayer and by a Professional Geochemist.

Field duplicates alternated between a preparation duplicate and a core duplicate sample. The preparation duplicate consisted of a second cut of crushed material taken at the lab. The sample bag with accompanying tag was added randomly within a group of 20 samples at the core facility and the material was added to the bag at the lab prior to analysis. In effect, prep duplicates are duplicates of the reject material. The prep duplicate underwent both a second metallic screen determination for gold and a multi-element analysis. The core duplicate consisted of the second half of the core.

At ALS, quality control samples from the lab include analytical blanks, pulp duplicates and standards. An analytical blank sample was inserted at the beginning of the batch, then every 40 samples. A pulp duplicate was inserted randomly in both the gold sample stream and the multi-element sample stream; with the duplicates for gold analysis being at a rate of about four times that of the multi-element analysis. Two lab standards were inserted per 40 samples. Four lab standards were used for the metallic screen analysis and four other standards were used for the multi-elemental analysis. If any results fell beyond the control limits established for the specific analytical method, they were automatically red flagged by the computer system and were reviewed by the department managers.

8.3 Results - Phoenix Zone Drilling

For the Phoenix and Main Zones, drill logs and RQD are given in Appendix III, and drill sections are presented in Appendix IV. Geochemical results for the Phoenix Zone are presented below. Table 3 summarizes the best mineralized intercepts obtained in the Phoenix Zone.

Core throughout the length of the three holes is typically crumbly, rubblely and broken, even at the bottom at depths of 200 metres. The rubblely, soft, broken nature of the bedrock in the Phoenix zone may be due to glacial thrusting. Overburden depths are also a challenge, as thicknesses ranged from 12 to 64 m.

In general, the three Phoenix drill holes encountered sequences of argillite ± siltstone, cut by narrower units of felsic tuff. The argillite sequences contained quartz veins with occasional arsenopyrite, or with galena and pyrite. Gold is commonly associated with these sulphides. Pyrite is much less common within the argillite-siltstone units compared to similar units in the Main Zone.

TABLE 3: 2018 Phoenix Zone Drilling Highlights

DDH	From (m)	To (m)	Length (m)	Au (g/t)
18-CCR-040	64.00	65.50	1.50	0.36
	81.38	83.00	1.62	0.28
	119.15	147.50	28.35	0.25
including	136.50	147.50	11.00	0.36
and	146.00	147.50	1.50	0.78
18-CCR-041	51.50	57.90	6.40	0.18
including	54.50	57.90	3.40	0.21
	99.50	103.15	3.65	0.16
	129.00	135.00	6.00	0.29
	142.50	151.50	9.00	0.30
including	150.00	151.50	1.50	0.49
18-CCR-042	64.01	75.50	11.49	0.20
including	72.00	75.50	3.50	0.32
	147.50	150.50	3.00	0.24
	156.50	158.00	1.50	0.22

Hole 18-CRR-040

Hole 18-CCR-040 is located about 200 m northwest of 11-CCR-30, which ran 99.96 m of 0.54 g/t Au. Broken core of less of 10 cm, rubble and soft gouge is typical of the argillite and siltstone units in the hole. Multiple felsic and mafic dykes intruded the siltstone-argillite rocks, ranging from 1 to 17 m in width. Core from these lithologies is generally broken, although slightly more competent than core in the argillite units.

Siltstone was encountered at the top of bedrock, after 64 m of overburden. A lower unit of pyritic argillite/siltstone with quartz veining and fault gouge has gold mineralization of 0.22 g/t Au over 14.35 m from 119.50 - 133.50 m; and 0.36 g/t Au over 11.00 m from 136.50 - 147.50 m. The highest gold values are associated with arsenopyrite mineralization within quartz veinlets.

Hole 18-CRR-041

Hole 18-CCR-041 is located about 175 m north of the historic hole SpM1004, drilled by Acrex Ventures in 2007. Overburden thickness is 12 m, although there was several sections of core loss to a depth of 48 m. Gold mineralization occurs within argillite-siltstone units in several locations including: at a depth of 129 m, grading 0.29 g/t Au over 6m; and at a depth of 142.50 m, grading 0.21 g/t Au over 18 m. In both zones, gold is associated with semi-massive galena/pyrite seams and blebs in quartz veins.

Hole 18-CRR-042

Hole 18-CCR-042 is located about 170 m southeast of the historic hole SpM1006. Bedrock is suspected to have been intersected at a depth of 57.9 m as the cuttings were black, however because the rock was very soft and faulted, casing was set to a depth of 64 m. As in the previous holes, the core is broken and strongly fractured with several sections of gouge. Gold mineralization was intersected at a depth of the top of bedrock for 11.49 m of 0.20 g/t Au in graphitic, gougey, weakly pyritic argillite-siltstone with thin quartz veinlets. No sulphides such as arsenopyrite or galena were noted within this hole.

8.4 Results - Main Zone Drilling

Three core diamond drill holes were drilled in the Main Zone. In general, the three holes encountered sequences of argillite ± siltstone, followed by a sequence of greywacke. The argillite sequences contained quartz veins that are typically pyrite rich and contain occasional galena, chalcopyrite and sphalerite. If present, gold is typically associated with these sulphides.

18-DH-1217

18-DH-1217 was drilled into siltstone at the top of the hole to 7 m. It is a medium grey, homogeneous unit , sometimes graphitic with disseminated 1% pyrite and occasional rounded ankerite blebs. Quartz veins and stringers are common. Below this is a unit of argillite to 65 m, having a strong network of quartz stringers and fine-grained pyrite. Quartz veins range from 4 cm to 10 cm; traces of pyrite, galena and chalcopyrite are present. This is followed by a large interval of greywacke to 192 m. The greywacke unit contained several large quartz veins, with local galena, chalcopyrite and sphalerite. Alteration consists of mariposite and ankerite blebs within the greywacke unit. A lower unit of argillite-siltstone, from 192 m to 212 m, is fairly well broken, faulted in sections and has a small brecciated section. The main mineralization is disseminated pyrite, along with traces of galena, chalcopyrite and possibly bornite. Visible gold was found within quartz veins at 192.4 m, 193.4 m, and 200.6 m. Late stage euhedral pyrite is common throughout the more argillaceous sections. The hole was drilled to 212 m.

18-DH-1218

18-DH-1218 encountered pyritiferous argillite-siltstone at the top of the hole to a depth of 35 m. The unit has numerous quartz veins and veinlets of different generations, along with zones of silicification. Below this is a narrow unit of greywacke, followed by interbedded argillite-siltstone from 47 to 117 m. The upper contact with the greywacke is highly faulted and fractured, containing gouge and significant zones of core loss. Mineralization is mainly pyrite, although trace sphalerite is noted in lower late veining. The bottom unit is a large unit of altered greywacke that is strongly silicified. Late phase quartz-carbonate veins near the end of hole at 149.96 m, contain chalcopyrite.

18-DH-1219

18-DH-1219 encountered greywacke at the top of the hole to 14 m, followed by siltstone to 29 m. A fairly competent unit of argillite occurs from 29 to 65 m, with occasional narrow quartz

veins with pyrite. Siltstone occurs below this to 141 m, having graphitic sections and intervals of altered greywacke. Quartz veins are sometime mineralized, having blebs of galena and sphalerite. The hole was drilled to 149.96 m, finishing within a unit of greywacke displaying ankerite alteration.

9.0 ARCHAEOLOGICAL IMPACT ASSESSMENT

An extensive archaeological impact assessment was done throughout the Property in 2018. Work was carried out from June 23-30; July 4-15; and August 1-10, 2018. A field crew of five explored the claim block outside of the Main zone, as this area has a previously completed archaeological impact assessment. Terra Archaeology Ltd was contracted for the assessment work. Field personnel included individuals representing the Williams Lake Indian Band and from the Lhtako Dene and Xatsull First Nations. Detailed reviews and recommendations are presented in the reports by Terra Archaeology Ltd in Appendix V.

The assessment states that “no further archaeological work is recommended prior to development provided the project footprint is not expanded to include un-assessed areas".

10.0 DISCUSSION AND CONCLUSIONS

The lithology and alteration of the Phoenix Zone differs from the Main Zone in several ways. The argillite sequences in the Phoenix Zone are less competent and have less pyrite and silicification than in the Main Zone. The core is generally more soft and broken, and underlies areas of deep overburden. Pyrite is less common, fine-grained and generally disseminated; in contrast, pyrite is often ubiquitous in the Main Zone and displays several phases, including fine disseminations, blebs with quartz veins, and late-stage euhedral cubes.

The lithologies of the three holes drilled in the Phoenix Zone are typically alternating sequences of black argillite with grey to greenish felsic tuffs and dykes. All lithologies are weakly competent, with soft, gougey textures and broken core. Core lengths are typically less than 20 cm in length. Greywackes units are more common in the Main Zone.

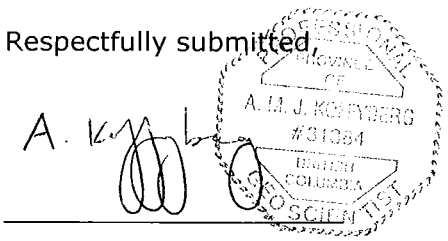
Carbonate alteration in the form of ankerite porphyroblasts is common in the argillite-siltstone units in the Main Zone. It also occurs less commonly as quartz-carbonate stringers. Silicification and sericitization are also common. In contrast, the argillite sequences in the Phoenix Zone rarely display this type of alteration. However, mariposite alteration is present in both areas. It likely reflects a volcanic component in the altered greywackes in the Main Zone, and is present as an alteration product in the volcanic rocks in the Phoenix Zone.

In the Phoenix Zone, quartz veins are generally less common; arsenopyrite has been observed in several holes and appears to be more common; and visible gold has not been observed within the quartz veins to date. By way of comparison, in the Main Zone, mineralization

typically includes pyrite, galena, sphalerite and chalcopyrite. Visible gold within quartz veins and stringers is common.

The archaeological assessment states that "no further archaeological work is recommended prior to development provided the project footprint is not expanded to include un-assessed areas".

Respectfully submitted,



A. Koffyberg, PGeo

Discovery Consultants
February 28, 2019

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12.0 STATEMENT OF COSTS

1.	**Professional Services**					
	W.R. Gilmour, PGeo					
	Program planning, Report writing, QA/QC monitoring					
	25 hrs @	$100 /hr			$2,500.00	
	J. Stoeterau, PGeo	(July 1 - 31, 2018)				
	Program planning and Supervision					
	30 days @	$800 /day			24,000.00	
	A. Koffyberg, PGeo	(July 2 - 10, 13 - 27, 2018)				
	Supervision, core logging					
	24 days @	$750 /day			18,000.00	
	Report writing					
	46 hrs @	$100 /hr			4,600.00	
	T.H. Carpenter, PGeo	(July 9 - 14)				
	Supervision					
	6 days @	$750 /day			4,500.00	
	D. Main, GIT	(July 2 - 27, 2018)				
	Core logging					
	26 days @	$600 /day			15,600.00	
					---	$69,200.00
2.	**Personnel**					
	Field					
	L. Balderas	(July 2 - 27)				
	Core Logging					
	26 days @	$350 /day		$9,100.00		
	E. Lucas	(July 1 - 31)				
	First Aid Attendant					
	31 days @	$400 /day		$12,400.00		
	E. McDonald	(July 1 - 31)				
	Camp Cook					
	31 days @	$400 /day		$12,400.00		
	B. Nickerson	(July 1 - 31)				
	Core Cutter, Camp Maintenance					
	20 days @	$180 /day		$3,600.00		
				---	37,500.00	
	Office					
	Data Compilation			$240.00		
	Secretarial			105.00		
				---	345.00	
					---	37,845.00

3. **Expenses**

Analysis	***- ALS Chemex***			
drill core Au-SCR21 fire assay, 30g				
278 sample @	$48.12 /sample	$13,377.36		
drill core - Four acid ICP-AES				
310 sample @	$12.88 /sample	3,992.80		
Sample Prep for both analyses				
278 sample @	$10.22 /sample	2,841.16		
Field Standards		844.04		
Freight		1,077.30		
		---	$22,132.66	
Subcontactors				
Terra Archaeology Ltd	(July 3 to Aug 31, 2018)			
Archaeological study		186,411.07		
Atlas Drilling				
1061 m of diamond drilling		150,936.12		
Roymac Contracting				
digging sumps		400.00		
		---	337,747.19	
Office			10.58	
Lodging & Meals	10 people, 31 days ($100/person/day)		31,000.00	
Field Supplies			3,620.72	
Travel (not included)			0.00	
Transportation (not included)			0.00	
			---	$394,511.15

			Exploration Expenditure:	$501,556.15
4. **Corporate Management Fee (10%)**				50,155.62

			Total Expenditure:	**$551,711.77**

13.0 STATEMENTS OF QUALIFICATIONS

I, Agnes Koffyberg, of Discovery Consultants, Vernon, British Columbia,

do hereby certify that:

1) I am a Geologist with Discovery Consultants, with a business address of 2916 - 29th Street, Vernon, BC, V1T 5A6.
2) I am a graduate of Brock University of Ontario with a 1987 Bachelor of Science degree in combined Geological Sciences / Chemistry. In addition, I have obtained a M.Sc. degree in Geology at the University of Alberta in 1994.
3) I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (membership #31384).
4) I have been practicing my profession for 20 years since graduation, with experience in mineral exploration in a variety of base and precious metals.
5) On the Spanish Mountain Gold Project, I have worked on the 2011, 2013 and 2014 and 2018 drill programs, and have written several assessment reports on the Property.
6) I am independent of Spanish Mountain Gold Ltd.

Dated this 28th day of February, 2019

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
M. J. KOFFYBERG
#31384

Agnes Koffyberg, PGeo
Discovery Consultants

APPENDIX I

Drill Core

Analytical Results

SPANISH MOUNTAIN GOLD LTD.

Project: 886 - Spanish Mountain

Phoenix Zone - 2018 Core Drilling Results

QC/QA Monitoring Program

SAMPLE ID	Hole ID	Intercept			Method -> Analyte-> Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)	kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974051	18-CCR-040	64.00	65.50	1.50	5.75	KL18185472	2018.08.28	**0.36**	0.37	0.36	0.016	43.80	1071.5	0.36	0.35
N974052	18-CCR-040	65.50	67.00	1.50	4.56	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	26.72	1030.0	0.03	0.02
N974053	18-CCR-040	67.00	68.50	1.50	4.99	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	24.81	1060.0	<0.01	<0.01
N974054	18-CCR-040	68.50	70.00	1.50	6.19	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	43.08	970.7	<0.01	<0.01
N974056	18-CCR-040	70.00	71.50	1.50	6.90	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	73.91	1058.5	<0.01	<0.01
N974057	18-CCR-040	71.50	73.00	1.50	5.90	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	63.84	1032.5	<0.01	0.01
N974058	18-CCR-040	73.00	74.50	1.50	5.90	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	67.12	971.6	<0.01	<0.01
N974060	18-CCR-040	74.50	76.37	1.87	5.43	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	72.54	1152.5	<0.01	<0.01
N974061	18-CCR-040	76.37	78.33	1.96	9.15	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	57.69	1042.0	<0.01	<0.01
N974062	18-CCR-040	78.33	80.00	1.67	5.67	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	25.22	898.5	<0.01	<0.01
N974063	18-CCR-040	80.00	81.38	1.38	5.60	KL18185472	2018.08.28	**0.05**	<0.05	0.05	<0.001	16.67	911.9	0.06	0.04
N974064	18-CCR-040	81.38	83.00	1.62	6.86	KL18185472	2018.08.28	**0.28**	1.77	0.24	0.041	23.21	926.6	0.19	0.29
N974065	18-CCR-040	83.00	84.50	1.50	5.64	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	15.42	903.4	<0.01	<0.01
N974067	18-CCR-040	84.50	86.00	1.50	5.79	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	13.36	910.5	<0.01	<0.01
N974068	18-CCR-040	86.00	87.50	1.50	6.19	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	9.77	910.9	<0.01	<0.01
N974069	18-CCR-040	87.50	89.00	1.50	6.41	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	10.31	909.4	0.01	<0.01
N974070	18-CCR-040	89.00	90.53	1.53	5.84	KL18185472	2018.08.28	**0.11**	<0.05	0.11	<0.001	14.24	909.2	0.17	0.05
N974071	18-CCR-040	90.53	92.00	1.47	6.39	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	15.78	911.9	<0.01	<0.01
N974072	18-CCR-040	92.00	93.50	1.50	5.98	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	26.27	901.7	<0.01	<0.01
N974073	18-CCR-040	93.50	95.00	1.50	6.32	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	16.38	889.6	<0.01	<0.01
N974075	18-CCR-040	95.00	96.91	1.91	8.00	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	39.34	898.4	<0.01	<0.01
N974076	18-CCR-040	96.91	98.50	1.59	5.16	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	49.98	866.3	<0.01	<0.01
N974077	18-CCR-040	98.50	100.00	1.50	5.69	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	33.95	896.8	<0.01	<0.01
N974078	18-CCR-040	100.00	101.50	1.50	4.75	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.10	878.6	<0.01	<0.01
N974080	18-CCR-040	101.50	103.00	1.50	5.41	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	33.89	891.2	<0.01	<0.01
N974081	18-CCR-040	103.00	104.50	1.50	6.10	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	59.44	847.4	<0.01	<0.01
N974082	18-CCR-040	104.50	105.90	1.40	5.38	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	63.66	885.8	<0.01	<0.01

SAMPLE ID	Hole ID	Intercept			Method -> Analyte-> Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)	kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974083	18-CCR-040	105.90	107.02	1.12	4.81	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	53.66	866.9	<0.01	<0.01
N974084	18-CCR-040	107.02	108.50	1.48	6.82	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	67.18	840.8	<0.01	<0.01
N974085	18-CCR-040	108.50	110.00	1.50	4.79	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	47.05	879.5	<0.01	<0.01
N974087	18-CCR-040	110.00	111.00	1.00	4.69	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	68.31	857.8	<0.01	<0.01
N974088	18-CCR-040	111.00	112.00	1.00	2.92	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	68.20	852.6	<0.01	<0.01
N974089	18-CCR-040	112.00	113.50	1.50	6.45	KL18185472	2018.08.28	**<0.05**	0.05	<0.05	0.002	41.85	905.4	0.01	<0.01
N974090	18-CCR-040	113.50	115.00	1.50	5.18	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	33.57	896.4	0.01	0.01
N974091	18-CCR-040	115.00	116.50	1.50	5.80	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	88.06	820.3	<0.01	<0.01
N974092	18-CCR-040	116.50	117.50	1.00	2.92	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	83.27	820.4	<0.01	<0.01
N974093	18-CCR-040	117.50	119.15	1.65	6.38	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	72.21	827.4	<0.01	<0.01
N974094	18-CCR-040	119.15	120.50	1.35	6.49	KL18185472	2018.08.28	**0.28**	0.44	0.28	0.013	29.81	903.4	0.27	0.28
N974096	18-CCR-040	120.50	122.00	1.50	5.69	KL18185472	2018.08.28	**0.10**	0.08	0.11	0.003	38.14	868.7	0.11	0.10
N974097	18-CCR-040	122.00	123.50	1.50	4.36	KL18185472	2018.08.28	**0.21**	1.18	0.17	0.051	43.35	871.0	0.19	0.14
N974098	18-CCR-040	123.50	125.00	1.50	5.23	KL18185472	2018.08.28	**0.05**	0.22	0.05	0.005	23.05	880.9	0.05	0.05
N974099	18-CCR-040	125.00	126.50	1.50	5.29	KL18185472	2018.08.28	**0.07**	0.07	0.07	0.004	61.44	848.6	0.06	0.08
N974100	18-CCR-040	126.50	127.75	1.25	4.88	KL18185472	2018.08.28	**0.11**	0.28	0.10	0.011	39.10	885.5	0.09	0.11
N974101	18-CCR-040	127.75	129.00	1.25	5.25	KL18185472	2018.08.28	**0.51**	3.32	0.39	0.124	37.37	905.0	0.37	0.41
N974103	18-CCR-040	129.00	130.50	1.50	6.03	KL18185472a	2018.08.28	**0.17**	1.73	0.14	0.028	16.16	891.5	0.15	0.13
N974104	18-CCR-040	130.50	132.50	2.00	6.53	KL18185472	2018.08.28	**0.42**	0.32	0.43	0.017	52.48	840.3	0.41	0.44
N974105	18-CCR-040	132.50	133.50	1.00	6.05	KL18185472	2018.08.28	**0.24**	0.31	0.24	0.017	55.32	852.0	0.23	0.25
N974107	18-CCR-040	133.50	135.00	1.50	6.07	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	33.99	898.2	0.01	0.01
N974108	18-CCR-040	135.00	136.50	1.50	5.71	KL18185472	2018.08.28	**<0.05**	0.10	<0.05	0.003	31.05	891.9	0.04	0.04
N974109	18-CCR-040	136.50	138.00	1.50	5.80	KL18185472	2018.08.28	**0.27**	0.53	0.26	0.028	53.02	848.2	0.23	0.28
N974110	18-CCR-040	138.00	139.50	1.50	6.18	KL18185472	2018.08.28	**0.90**	4.81	0.73	0.196	40.75	890.4	0.76	0.69
N974111	18-CCR-040	139.50	141.00	1.50	6.69	KL18185472	2018.08.28	**0.30**	0.63	0.28	0.028	44.59	889.3	0.27	0.29
N974112	18-CCR-040	141.00	142.50	1.50	4.44	KL18185472	2018.08.28	**0.25**	0.30	0.25	0.016	52.74	892.3	0.24	0.25
N974113	18-CCR-040	142.50	144.26	1.76	5.78	KL18185472	2018.08.28	**0.05**	0.23	0.05	0.011	48.08	856.8	0.04	0.05
N974114	18-CCR-040	144.26	146.00	1.74	7.40	KL18185472	2018.08.28	**0.08**	0.76	0.05	0.037	48.73	860.3	0.04	0.05
N974116	18-CCR-040	146.00	147.50	1.50	6.74	KL18185472	2018.08.28	**0.78**	20.70	0.17	0.571	27.64	895.9	0.18	0.15
N974117	18-CCR-040	147.50	149.00	1.50	5.98	KL18185472	2018.08.28	**<0.05**	0.06	<0.05	0.002	34.68	882.3	0.04	0.02
N974118	18-CCR-040	149.00	150.50	1.50	4.90	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	29.29	894.4	<0.01	<0.01

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974119	18-CCR-040	150.50	152.00	1.50		5.53	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	51.37	878.9	0.01	<0.01
N974120	18-CCR-040	152.00	153.50	1.50		5.56	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	75.21	839.8	<0.01	<0.01
N974122	18-CCR-040	153.50	154.53	1.03		4.45	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.38	852.8	<0.01	<0.01
N974123	18-CCR-041	13.30	14.50	1.20		4.63	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.14	892.2	<0.01	<0.01
N974124	18-CCR-041	14.50	16.00	1.50		3.62	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	64.26	869.0	<0.01	<0.01
N974125	18-CCR-041	16.00	18.00	2.00		4.73	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.25	894.3	0.01	<0.01
N974126	18-CCR-041	18.00	20.00	2.00		4.66	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	30.78	885.5	<0.01	<0.01
N974127	18-CCR-041	20.00	22.00	2.00		3.55	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.13	895.3	<0.01	<0.01
N974129	18-CCR-041	22.00	24.00	2.00		4.39	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	40.94	885.4	<0.01	<0.01
N974130	18-CCR-041	24.00	25.50	1.50		4.43	KL18185472	2018.08.28	**<0.05**	0.46	<0.05	0.019	41.06	878.6	0.01	0.02
N974131	18-CCR-041	25.50	27.00	1.50		5.73	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	38.41	895.5	0.01	0.01
N974132	18-CCR-041	27.00	29.00	2.00		5.24	KL18185473	2018.08.28	**<0.05**	<0.05	0.05	<0.001	38.87	856.4	0.04	0.05
N974133	18-CCR-041	29.00	36.58	7.58		2.90	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.85	913.7	0.02	0.02
N974134	18-CCR-041	36.58	38.50	1.92		5.87	KL18185473	2018.08.28	**0.14**	0.23	0.14	0.009	39.39	908.2	0.14	0.14
N974135	18-CCR-041	38.50	40.00	1.50		4.66	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	40.33	916.6	0.03	0.02
N974137	18-CCR-041	40.00	41.50	1.50		5.94	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	42.70	985.3	0.01	0.01
N974138	18-CCR-041	41.50	43.20	1.70		7.07	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.58	757.4	0.04	0.04
N974140	18-CCR-041	43.20	44.20	1.00		3.39	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.94	850.9	0.01	0.01
N974141	18-CCR-041	44.20	45.75	1.55		7.53	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	42.62	829.4	0.01	0.01
N974142	18-CCR-041	45.75	47.00	1.25		2.81	KL18185473	2018.08.28	**0.14**	0.25	0.13	0.011	43.57	722.9	0.15	0.11
N974143	18-CCR-041	47.00	48.50	1.50		5.35	KL18185473	2018.08.28	**0.14**	0.15	0.14	0.007	45.52	969.1	0.15	0.13
N974144	18-CCR-041	48.50	50.00	1.50		5.78	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	48.58	981.0	0.02	0.01
N974145	18-CCR-041	50.00	51.50	1.50		5.10	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	43.65	949.0	0.02	0.01
N974146	18-CCR-041	51.50	53.50	2.00		6.78	KL18185473	2018.08.28	**0.20**	0.19	0.20	0.007	36.39	844.0	0.15	0.25
N974148	18-CCR-041	53.50	54.50	1.00		4.44	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	0.001	43.99	975.8	0.02	0.03
N974149	18-CCR-041	54.50	55.90	1.40		4.11	KL18185473	2018.08.28	**0.22**	0.25	0.22	0.009	36.14	1008.0	0.22	0.21
N974150	18-CCR-041	55.90	57.90	2.00		8.06	KL18185473	2018.08.28	**0.21**	0.38	0.20	0.015	39.65	962.4	0.21	0.19
N974151	18-CCR-041	57.90	59.50	1.60		6.34	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	0.001	35.74	967.3	0.04	0.03
N974152	18-CCR-041	59.50	61.00	1.50		5.86	KL18185473	2018.08.28	**0.06**	0.05	0.06	0.002	37.64	959.3	0.07	0.05
N974153	18-CCR-041	61.00	62.50	1.50		6.06	KL18185473	2018.08.28	**0.12**	0.26	0.12	0.011	41.90	987.0	0.14	0.09
N974154	18-CCR-041	62.50	64.00	1.50		6.06	KL18185473	2018.08.28	**0.09**	0.11	0.09	0.004	37.61	955.8	0.10	0.08

SAMPLE ID	Hole ID	Intercept			Method -> Analyte-> Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)	kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974155	18-CCR-041	64.00	65.60	1.60	4.83	KL18185473	2018.08.28	**0.09**	0.13	0.09	0.005	37.87	943.3	0.09	0.09
N974157	18-CCR-041	65.60	67.50	1.90	7.07	KL18185473	2018.08.28	**0.10**	0.09	0.10	0.004	46.34	999.7	0.10	0.10
N974158	18-CCR-041	67.50	69.00	1.50	6.72	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	42.55	980.8	0.01	0.01
N974159	18-CCR-041	69.00	70.50	1.50	5.96	KL18185473	2018.08.28	**<0.05**	<0.05	0.05	<0.001	43.76	1002.0	0.05	0.04
N974160	18-CCR-041	70.50	72.00	1.50	6.00	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	43.70	953.8	0.03	0.03
N974162	18-CCR-041	72.00	73.50	1.50	6.10	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.80	973.9	<0.01	0.01
N974163	18-CCR-041	73.50	75.30	1.80	7.73	KL18185473	2018.08.28	**<0.05**	0.05	<0.05	0.002	40.28	809.6	0.01	0.01
N974164	18-CCR-041	75.30	76.50	1.20	5.20	KL18185473	2018.08.28	**0.05**	<0.05	0.05	0.001	36.96	627.7	0.05	0.05
N974165	18-CCR-041	76.50	78.00	1.50	4.97	KL18185473	2018.08.28	**0.08**	0.11	0.08	0.005	44.05	1100.0	0.10	0.05
N974166	18-CCR-041	78.00	79.50	1.50	5.70	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	0.001	44.89	890.9	0.01	0.02
N974168	18-CCR-041	79.50	81.00	1.50	5.63	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	40.52	943.2	0.01	<0.01
N974169	18-CCR-041	81.00	82.50	1.50	5.47	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	40.91	990.7	0.01	0.01
N974170	18-CCR-041	82.50	83.50	1.00	3.95	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	45.95	959.9	0.01	0.01
N974171	18-CCR-041	83.50	85.00	1.50	5.86	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.88	893.8	0.02	0.01
N974172	18-CCR-041	85.00	86.50	1.50	4.57	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.51	897.3	0.02	0.02
N974173	18-CCR-041	86.50	87.50	1.00	4.27	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.16	898.3	0.02	<0.01
N974174	18-CCR-041	87.50	88.85	1.35	5.85	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.40	992.7	0.01	0.01
N974175	18-CCR-041	88.85	90.50	1.65	5.87	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	38.47	973.9	0.01	0.01
N974176	18-CCR-041	90.50	92.00	1.50	5.95	KL18185473	2018.08.28	**0.07**	0.13	0.07	0.005	38.11	939.9	0.07	0.07
N974177	18-CCR-041	92.00	93.50	1.50	6.13	KL18185473	2018.08.28	**0.07**	0.30	0.06	0.011	37.15	953.0	0.06	0.06
N974178	18-CCR-041	93.50	95.00	1.50	5.42	KL18185473	2018.08.28	**<0.05**	0.05	<0.05	0.002	40.91	953.6	0.03	0.02
N974180	18-CCR-041	95.00	96.50	1.50	6.73	KL18185473	2018.08.28	**0.06**	<0.05	0.06	0.002	44.75	1077.5	0.06	0.06
N974181	18-CCR-041	96.50	98.00	1.50	6.67	KL18185473	2018.08.28	**0.10**	0.10	0.10	0.004	40.12	915.4	0.09	0.10
N974182	18-CCR-041	98.00	99.50	1.50	6.17	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	0.001	42.11	947.7	0.04	0.04
N974183	18-CCR-041	99.50	101.00	1.50	5.97	KL18185473	2018.08.28	**0.18**	0.15	0.19	0.006	38.82	912.6	0.19	0.18
N974184	18-CCR-041	101.00	102.00	1.00	4.05	KL18185473	2018.08.28	**0.20**	0.17	0.21	0.008	46.89	942.7	0.22	0.19
N974185	18-CCR-041	102.00	103.15	1.15	5.06	KL18185473	2018.08.28	**0.11**	0.15	0.11	0.006	39.03	966.0	0.10	0.11
N974187	18-CCR-041	103.15	*105.00*	1.85	7.91	KL18185473	2018.08.28	**0.05**	0.09	0.05	0.004	44.90	1008.5	0.04	0.06
N974189	18-CCR-041	105.00	106.90	1.90	8.22	KL18185473	2018.08.28	**<0.05**	0.05	<0.05	0.002	44.15	1003.5	0.01	0.01
N974190	18-CCR-041	106.90	108.50	1.60	6.86	KL18185473	2018.08.28	**0.18**	0.07	0.19	0.003	40.63	944.1	0.19	0.18
N974191	18-CCR-041	108.50	110.00	1.50	5.87	KL18185473	2018.08.28	**0.07**	0.13	0.07	0.006	47.57	927.6	0.06	0.07

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974192	18-CCR-041	110.00	111.50	1.50		6.35	KL18185473	2018.08.28	**0.05**	0.05	0.05	0.002	39.23	909.8	0.04	0.05
N974193	18-CCR-041	111.50	113.00	1.50		4.57	KL18185473	2018.08.28	**<0.05**	0.11	<0.05	0.004	37.83	915.8	0.04	0.04
N974195	18-CCR-041	113.00	114.50	1.50		3.76	KL18185473	2018.08.28	**0.05**	0.09	0.05	0.004	45.53	937.9	0.05	0.05
N974196	18-CCR-041	114.50	115.90	1.40		5.83	KL18185473	2018.08.28	**0.12**	0.09	0.12	0.004	42.76	945.6	0.12	0.12
N974197	18-CCR-041	115.90	117.00	1.10		4.94	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	48.47	931.0	0.03	0.03
N974199	18-CCR-041	117.00	118.50	1.50		6.12	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.81	1000.5	0.02	0.02
N974200	18-CCR-041	118.50	120.00	1.50		6.39	KL18185473	2018.08.28	**0.06**	0.18	0.06	0.009	49.32	920.9	0.06	0.05
N974201	18-CCR-041	120.00	121.50	1.50		6.02	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	42.45	945.0	<0.01	<0.01
N974203	18-CCR-041	121.50	123.00	1.50		6.28	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	42.97	946.9	<0.01	<0.01
N974204	18-CCR-041	123.00	124.50	1.50		6.56	KL18185473	2018.08.28	**0.06**	0.87	<0.05	0.038	43.82	905.7	0.02	0.02
N974205	18-CCR-041	124.50	126.00	1.50		6.17	KL18185473	2018.08.28	**0.07**	0.05	0.07	0.002	40.93	928.3	0.07	0.07
N974206	18-CCR-041	126.00	127.50	1.50		5.77	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	35.92	930.0	0.01	0.01
N974207	18-CCR-041	127.50	129.00	1.50		6.13	KL18185473	2018.08.28	**<0.05**	0.08	<0.05	0.003	38.33	959.2	0.03	0.03
N974208	18-CCR-041	129.00	130.50	1.50		5.78	KL18185473	2018.08.28	**0.19**	0.17	0.20	0.007	41.37	950.7	0.21	0.18
N974209	18-CCR-041	130.50	131.00	0.50		6.04	KL18185473	2018.08.28	**0.29**	0.61	0.28	0.024	39.65	944.0	0.33	0.22
N974210	18-CCR-041	131.00	133.50	2.50		5.79	KL18185473	2018.08.28	**0.35**	0.44	0.35	0.017	39.07	956.4	0.35	0.35
N974211	18-CCR-041	133.50	135.00	1.50		5.69	KL18185477	2018.08.26	**0.30**	1.48	0.27	0.042	28.36	946.7	0.30	0.23
N974212	18-CCR-041	135.00	136.50	1.50		6.43	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	26.96	812.6	0.02	0.03
N974213	18-CCR-041	136.50	138.00	1.50		5.68	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	31.28	815.1	0.04	0.04
N974214	18-CCR-041	138.00	139.50	1.50		6.12	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	0.001	32.49	868.3	0.03	0.03
N974216	18-CCR-041	139.50	141.00	1.50		5.10	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	44.56	945.9	0.01	<0.01
N974217	18-CCR-041	141.00	142.50	1.50		2.95	KL18185477	2018.08.26	**0.07**	<0.05	0.07	<0.001	46.56	749.1	0.07	0.07
N974219	18-CCR-041	142.50	144.15	1.65		6.55	KL18185477	2018.08.26	**0.20**	0.37	0.19	0.018	48.69	839.6	0.17	0.20
N974220	18-CCR-041	144.15	145.50	1.35		5.07	KL18185477	2018.08.26	**0.08**	0.13	0.08	0.006	47.39	826.0	0.08	0.07
N974221	18-CCR-041	145.50	147.00	1.50		6.59	KL18185477	2018.08.26	**0.73**	2.94	0.63	0.139	47.25	1039.5	0.63	0.62
N974222	18-CCR-041	147.00	148.50	1.50		5.60	KL18185477	2018.08.26	**0.17**	0.10	0.18	0.004	40.22	844.5	0.17	0.18
N974224	18-CCR-041	148.50	150.00	1.50		5.10	KL18185477	2018.08.26	**0.11**	0.16	0.11	0.007	44.40	842.4	0.09	0.12
N974225	18-CCR-041	150.00	151.50	1.50		5.44	KL18185477	2018.08.26	**0.49**	0.56	0.49	0.029	51.64	821.0	0.44	0.53
N974226	18-CCR-041	151.50	153.00	1.50		5.00	KL18185477	2018.08.26	**0.16**	0.35	0.16	0.013	37.57	1031.5	0.16	0.15
N974227	18-CCR-041	153.00	154.50	1.50		7.31	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	47.08	983.7	<0.01	<0.01
N974228	18-CCR-041	154.50	156.00	1.50		4.83	KL18185477	2018.08.26	**0.11**	0.08	0.11	0.004	49.16	845.9	0.14	0.08

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974229	18-CCR-041	156.00	157.50	1.50		5.85	KL18185477	2018.08.26	**0.15**	0.15	0.16	0.006	39.02	915.1	0.17	0.14
N974230	18-CCR-041	157.50	159.00	1.50		6.06	KL18185477	2018.08.26	**0.09**	0.06	0.10	0.003	49.52	833.2	0.08	0.11
N974231	18-CCR-041	159.00	160.50	1.50		5.84	KL18185477	2018.08.26	**0.20**	0.23	0.20	0.011	47.35	867.6	0.16	0.23
N974232	18-CCR-041	160.50	161.50	1.00		3.94	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	44.40	917.7	0.02	0.01
N974233	18-CCR-041	161.50	163.00	1.50		4.60	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	46.16	994.2	0.01	<0.01
N974235	18-CCR-041	163.00	164.50	1.50		7.58	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	33.57	796.4	0.01	<0.01
N974236	18-CCR-041	164.50	166.00	1.50		5.85	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	44.66	669.8	0.01	<0.01
N974238	18-CCR-041	166.00	167.50	1.50		5.80	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	36.79	793.3	0.01	<0.01
N974239	18-CCR-041	167.50	169.00	1.50		5.00	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	47.27	807.9	<0.01	<0.01
N974240	18-CCR-041	169.00	170.50	1.50		4.82	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	43.92	848.0	<0.01	<0.01
N974242	18-CCR-041	170.50	172.00	1.50		6.16	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	48.05	782.2	<0.01	<0.01
N974243	18-CCR-041	172.00	173.50	1.50		6.40	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	33.70	782.3	0.02	<0.01
N974244	18-CCR-041	173.50	175.00	1.50		3.13	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	46.03	825.0	<0.01	<0.01
N974245	18-CCR-041	175.00	176.75	1.75		5.51	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	39.15	796.4	<0.01	<0.01
N974246	18-CCR-041	176.75	178.00	1.25		3.48	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	49.58	689.3	0.01	<0.01
N974247	18-CCR-041	178.00	179.50	1.50		3.29	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	43.81	845.5	0.01	<0.01
N974248	18-CCR-041	179.50	181.00	1.50		6.32	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	40.35	788.1	0.01	<0.01
N974249	18-CCR-041	181.00	182.00	1.00		3.75	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	49.74	542.0	0.01	<0.01
N974250	18-CCR-041	182.00	184.00	2.00		4.92	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	45.98	801.4	<0.01	<0.01
N974251	18-CCR-041	184.00	185.60	1.60		6.36	KL18185477	2018.08.26	**<0.05**	0.05	<0.05	0.002	42.83	713.0	0.01	<0.01
N974252	18-CCR-041	185.60	187.00	1.40		5.20	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	46.88	859.2	<0.01	<0.01
N974253	18-CCR-041	187.00	189.00	2.00		7.95	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	39.07	795.2	<0.01	<0.01
N974254	18-CCR-041	189.00	190.50	1.50		4.85	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	37.72	921.5	<0.01	<0.01
N974255	18-CCR-041	190.50	191.50	1.00		4.33	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	48.08	820.4	<0.01	<0.01
N974256	18-CCR-041	191.50	192.00	0.50		4.38	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	47.72	824.9	<0.01	<0.01
N974257	18-CCR-041	192.00	194.16	2.16		4.58	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	47.50	948.5	<0.01	<0.01
N974258	18-CCR-042	64.01	66.00	1.99		4.23	KL18185477	2018.08.26	**0.15**	0.16	0.15	0.006	38.13	909.5	0.16	0.13
N974259	18-CCR-042	66.00	67.50	1.50		5.79	KL18185477	2018.08.26	**0.18**	0.17	0.18	0.008	46.02	922.6	0.19	0.17
N974261	18-CCR-042	67.50	69.00	1.50		5.67	KL18185477	2018.08.26	**0.19**	0.31	0.19	0.011	35.92	1010.0	0.19	0.19
N974262	18-CCR-042	69.00	70.50	1.50		4.91	KL18185477	2018.08.26	**0.16**	0.21	0.16	0.010	47.47	784.7	0.16	0.16
N974263	18-CCR-042	70.50	72.00	1.50		4.72	KL18185477	2018.08.26	**0.08**	0.08	0.08	0.004	48.09	770.5	0.07	0.08

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974265	18-CCR-042	72.00	73.50	1.50		5.36	KL18185477	2018.08.26	**0.40**	0.58	0.39	0.028	47.99	787.8	0.39	0.39
N974266	18-CCR-042	73.50	75.50	2.00		6.10	KL18185477	2018.08.26	**0.26**	0.28	0.26	0.011	39.03	726.0	0.26	0.26
N974268	18-CCR-042	75.50	77.50	2.00		3.78	KL18185477	2018.08.26	**0.05**	0.10	0.05	0.005	48.22	715.8	0.05	0.04
N974269	18-CCR-042	77.50	79.50	2.00		6.15	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	45.67	894.6	0.03	0.03
N974270	18-CCR-042	79.50	81.00	1.50		5.31	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	47.64	805.0	0.02	<0.01
N974271	18-CCR-042	81.00	82.70	1.70		5.93	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	44.11	771.8	0.03	0.01
N974272	18-CCR-042	82.70	84.50	1.80		5.83	KL18185477	2018.08.26	**0.09**	0.08	0.09	0.003	38.84	832.1	0.10	0.08
N974273	18-CCR-042	84.50	86.00	1.50		5.10	KL18185477	2018.08.26	**0.06**	0.06	0.06	0.002	34.53	699.0	0.06	0.06
N974274	18-CCR-042	86.00	87.50	1.50		6.12	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	34.61	780.9	0.04	0.03
N974276	18-CCR-042	87.50	89.00	1.50		4.66	KL18185477	2018.08.26	**0.08**	<0.05	0.09	0.002	48.07	672.1	0.09	0.08
N974277	18-CCR-042	89.00	91.00	2.00		4.72	KL18185477	2018.08.26	**0.08**	0.16	0.08	0.008	49.27	884.0	0.08	0.08
N974278	18-CCR-042	91.00	93.00	2.00		7.94	KL18185477	2018.08.26	**0.07**	<0.05	0.08	0.002	46.64	749.0	0.08	0.07
N974279	18-CCR-042	93.00	95.40	2.40		4.04	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	46.60	785.6	0.04	0.04
N974280	18-CCR-042	95.40	96.50	1.10		4.78	KL18185477	2018.08.26	**0.07**	0.05	0.08	0.002	39.51	841.2	0.08	0.07
N974281	18-CCR-042	96.50	98.00	1.50		4.76	KL18185477	2018.08.26	**0.12**	0.05	0.12	0.002	40.86	737.1	0.12	0.12
N974283	18-CCR-042	98.00	99.50	1.50		4.32	KL18185477	2018.08.26	**0.12**	<0.05	0.13	0.002	48.49	857.2	0.12	0.13
N974284	18-CCR-042	99.50	101.00	1.50		5.38	KL18185477	2018.08.26	**0.08**	0.32	0.07	0.015	46.59	703.8	0.08	0.05
N974285	18-CCR-042	101.00	103.00	2.00		5.25	KL18185477	2018.08.26	**<0.05**	<0.05	0.05	0.002	47.11	771.9	0.05	0.04
N974287	18-CCR-042	103.00	104.50	1.50		5.78	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	0.001	46.63	831.1	0.03	0.01
N974288	18-CCR-042	104.50	106.00	1.50		4.22	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	0.001	44.14	756.9	0.04	0.04
N974289	18-CCR-042	106.00	107.50	1.50		4.70	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	38.70	952.6	0.01	0.01
N974290	18-CCR-042	107.50	109.00	1.50		4.89	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	48.82	694.8	0.01	0.01
N974291	18-CCR-042	109.00	110.50	1.50		4.46	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	47.49	897.3	0.02	0.02
N974292	18-CCR-042	110.50	112.00	1.50		5.03	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.35	883.9	0.02	0.05
N974293	18-CCR-042	112.00	113.50	1.50		5.73	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.77	909.8	0.02	0.01
N974295	18-CCR-042	113.50	115.00	1.50		4.92	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.28	911.2	0.03	0.03
N974296	18-CCR-042	115.00	117.00	2.00		5.32	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.74	927.0	0.04	0.03
N974297	18-CCR-042	117.00	118.50	1.50		6.05	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.66	911.6	0.02	0.01
N974298	18-CCR-042	118.50	120.50	2.00		5.90	KL18185478	2018.08.28	**0.14**	0.49	0.12	0.019	38.59	914.0	0.07	0.17
N974299	18-CCR-042	120.50	122.00	1.50		5.88	KL18185478	2018.08.28	**0.08**	0.14	0.08	0.006	42.61	904.9	0.07	0.08
N974300	18-CCR-042	122.00	124.00	2.00		4.95	KL18185478	2018.08.28	**0.11**	0.08	0.11	0.004	48.62	903.7	0.11	0.11

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974301	18-CCR-042	124.00	126.00	2.00		6.59	KL18185478	2018.08.28	**0.06**	0.09	0.06	0.004	46.50	897.8	0.06	0.05
N974302	18-CCR-042	126.00	128.00	2.00		5.03	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	38.39	915.2	0.02	0.02
N974303	18-CCR-042	128.00	130.00	2.00		7.70	KL18185478	2018.08.28	**0.05**	0.05	0.05	0.002	42.03	902.7	0.05	0.04
N974305	18-CCR-042	130.00	131.50	1.50		5.77	KL18185478	2018.08.28	**<0.05**	<0.05	0.05	<0.001	47.40	896.9	0.04	0.05
N974306	18-CCR-042	131.50	133.00	1.50		5.07	KL18185478	2018.08.28	**0.05**	<0.05	0.05	0.001	34.08	906.4	0.05	0.05
N974308	18-CCR-042	133.00	135.00	2.00		6.67	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	0.001	38.06	915.3	0.04	0.04
N974309	18-CCR-042	135.00	136.50	1.50		4.56	KL18185478	2018.08.28	**0.09**	0.36	0.08	0.013	36.51	915.5	0.08	0.07
N974310	18-CCR-042	136.50	138.00	1.50		6.23	KL18185478	2018.08.28	**0.11**	0.05	0.11	0.002	38.32	914.0	0.11	0.11
N974311	18-CCR-042	138.00	139.50	1.50		5.80	KL18185478	2018.08.28	**0.13**	0.14	0.13	0.005	35.45	916.6	0.13	0.12
N974312	18-CCR-042	139.50	141.00	1.50		5.43	KL18185478	2018.08.28	**0.10**	0.05	0.11	0.002	39.44	901.6	0.11	0.10
N974313	18-CCR-042	141.00	142.50	1.50		4.80	KL18185478	2018.08.28	**0.10**	0.09	0.10	0.004	42.56	907.1	0.10	0.10
N974314	18-CCR-042	142.50	143.75	1.25		4.14	KL18185478	2018.08.28	**0.17**	0.44	0.16	0.018	41.30	911.3	0.12	0.19
N974315	18-CCR-042	143.75	145.75	2.00		8.06	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	41.34	902.9	0.03	0.01
N974317	18-CCR-042	145.75	147.50	1.75		6.57	KL18185478	2018.08.28	**<0.05**	0.35	<0.05	0.014	39.63	903.7	0.01	0.01
N974318	18-CCR-042	147.50	149.00	1.50		5.43	KL18185478	2018.08.28	**0.18**	0.41	0.18	0.015	36.79	917.0	0.19	0.16
N974319	18-CCR-042	149.00	150.50	1.50		5.58	KL18185478	2018.08.28	**0.30**	0.23	0.30	0.011	47.78	901.5	0.29	0.31
N974320	18-CCR-042	150.50	152.00	1.50		5.73	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	34.76	913.8	0.04	0.02
N974321	18-CCR-042	152.00	153.50	1.50		5.97	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	38.27	901.6	<0.01	0.01
N974322	18-CCR-042	153.50	155.10	1.60		5.76	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	40.42	907.4	<0.01	<0.01
N974323	18-CCR-042	155.10	156.50	1.40		6.17	KL18185478	2018.08.28	**0.19**	0.30	0.19	0.013	43.82	907.1	0.21	0.16
N974325	18-CCR-042	156.50	158.00	1.50		6.34	KL18185478	2018.08.28	**0.22**	0.65	0.20	0.031	47.61	892.2	0.25	0.15
N974326	18-CCR-042	158.00	159.50	1.50		4.82	KL18185478	2018.08.28	**0.07**	0.16	0.07	0.006	38.30	902.5	0.07	0.06
N974327	18-CCR-042	159.50	161.00	1.50		5.52	KL18185478	2018.08.28	**0.15**	0.82	0.13	0.029	35.35	908.3	0.11	0.14
N974329	18-CCR-042	161.00	162.50	1.50		5.74	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.01	917.8	0.03	0.02
N974330	18-CCR-042	162.50	164.00	1.50		5.91	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.44	905.4	<0.01	<0.01
N974331	18-CCR-042	164.00	165.50	1.50		6.09	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.66	886.0	<0.01	<0.01
N974332	18-CCR-042	165.50	166.50	1.00		5.40	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	45.13	909.3	<0.01	<0.01
N974333	18-CCR-042	166.50	168.00	1.50		5.21	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	37.33	906.4	0.02	0.01
N974334	18-CCR-042	168.00	169.50	1.50		6.08	KL18185478	2018.08.28	**0.09**	0.27	0.08	0.012	44.25	898.3	0.07	0.09
N974336	18-CCR-042	169.50	171.00	1.50		5.55	KL18185478	2018.08.28	**0.08**	0.16	0.08	0.006	36.45	886.1	0.07	0.09
N974337	18-CCR-042	171.00	172.50	1.50		5.83	KL18185478	2018.08.28	**0.06**	<0.05	0.06	<0.001	44.98	838.3	0.05	0.07

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974338	18-CCR-042	172.50	174.00	1.50		5.80	KL18185478	2018.08.28	**0.10**	0.09	0.10	0.003	34.48	840.3	0.10	0.10
N974339	18-CCR-042	174.00	175.50	1.50		6.86	KL18185478	2018.08.28	**0.07**	0.07	0.08	0.003	44.88	904.6	0.08	0.07
N974341	18-CCR-042	175.50	177.00	1.50		6.54	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	0.002	47.62	899.6	0.02	0.02
N974342	18-CCR-042	177.00	178.50	1.50		5.79	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.82	865.5	<0.01	<0.01
N974343	18-CCR-042	178.50	180.00	1.50		5.52	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.79	796.9	<0.01	<0.01
N974344	18-CCR-042	180.00	181.50	1.50		4.82	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.65	891.7	<0.01	0.01
N974346	18-CCR-042	181.50	183.00	1.50		5.68	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.60	755.8	<0.01	<0.01
N974347	18-CCR-042	183.00	184.50	1.50		6.57	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.37	853.6	<0.01	<0.01
N974348	18-CCR-042	184.50	186.50	2.00		6.59	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	0.001	39.77	683.5	0.02	0.01
N974349	18-CCR-042	186.50	188.00	1.50		6.38	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	35.30	871.9	<0.01	<0.01
N974350	18-CCR-042	188.00	189.50	1.50		4.90	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.90	717.8	<0.01	<0.01
N974351	18-CCR-042	189.50	191.00	1.50		5.97	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.12	869.8	<0.01	<0.01
N974353	18-CCR-042	191.00	192.50	1.50		5.21	KL18185478	2018.08.28	**<0.05**	0.05	<0.05	0.002	36.70	778.5	0.03	0.03
N974354	18-CCR-042	192.50	194.00	1.50		5.71	KL18185478	2018.08.28	**0.06**	0.05	0.06	0.002	38.09	860.6	0.06	0.06
N974356	18-CCR-042	194.00	195.50	1.50		4.84	KL18185478	2018.08.28	**0.15**	0.12	0.15	0.004	33.78	725.0	0.15	0.15
N974357	18-CCR-042	195.50	197.00	1.50		6.01	KL18185478	2018.08.28	**0.17**	0.16	0.17	0.006	36.95	791.2	0.18	0.16
N974359	18-CCR-042	197.00	198.50	1.50		6.06	KL18185478	2018.08.28	**0.13**	0.24	0.13	0.008	33.75	776.5	0.13	0.12
N974360	18-CCR-042	198.50	200.25	1.75		6.80	KL18185478	2018.08.28	**0.13**	0.15	0.13	0.007	45.21	821.4	0.13	0.12

SMG QC/QA

Field Blanks

N974066 sample excluded from gold analysis sample stream by lab in error

N974079 sample excluded from gold analysis sample stream by lab in error

N974106 sample excluded from gold analysis sample stream by lab in error

N974121 sample excluded from gold analysis sample stream by lab in error

N974136 sample excluded from gold analysis sample stream by lab in error

N974161 sample excluded from gold analysis sample stream by lab in error

N974186 sample excluded from gold analysis sample stream by lab in error

N974198 sample excluded from gold analysis sample stream by lab in error

N974218 sample excluded from gold analysis sample stream by lab in error

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
N974241	sample excluded from gold analysis sample stream by lab in error															
N974260	sample excluded from gold analysis sample stream by lab in error															
N974282	sample excluded from gold analysis sample stream by lab in error															
N974294	sample excluded from gold analysis sample stream by lab in error															
N974316	sample excluded from gold analysis sample stream by lab in error															
N974335	sample excluded from gold analysis sample stream by lab in error															
N974355	sample excluded from gold analysis sample stream by lab in error															
Field Duplicates																
N974054	18-CCR-040	68.50	70.00	1.50		6.19	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	43.08	970.7	<0.01	<0.01
N974055	18-CCR-040	68.50	70.00	1.50		6.24	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	25.36	951.4	<0.01	<0.01
N974094	18-CCR-040	119.15	120.50	1.35		6.49	KL18185472	2018.08.28	**0.28**	0.44	0.28	0.013	29.81	903.4	0.27	0.28
N974095	18-CCR-040	119.15	120.50	1.35		6.54	KL18185472	2018.08.28	**0.22**	0.48	0.20	0.035	73.39	844.0	0.21	0.19
N974138	18-CCR-041	41.50	43.20	1.70		7.07	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	36.58	757.4	0.04	0.04
N974139	18-CCR-041	41.50	43.20	1.70		6.88	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	44.60	909.4	0.03	0.02
N974178	18-CCR-041	93.50	95.00	1.50		5.42	KL18185473	2018.08.28	**<0.05**	0.05	<0.05	0.002	40.91	953.6	0.03	0.02
N974179	18-CCR-041	93.50	95.00	1.50		5.22	KL18185473	2018.08.28	**0.05**	<0.05	0.05	0.001	47.26	925.7	0.05	0.05
N974214	18-CCR-041	138.00	139.50	1.50		6.12	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	0.001	32.49	868.3	0.03	0.03
N974215	18-CCR-041	138.00	139.50	1.50		5.79	KL18185477	2018.08.26	**<0.05**	0.51	<0.05	0.024	47.28	996.4	0.01	0.02
N974263	18-CCR-042	70.50	72.00	1.50		4.72	KL18185477	2018.08.26	**0.08**	0.08	0.08	0.004	48.09	770.5	0.07	0.08
N974264	18-CCR-042	70.50	72.00	1.50		5.22	KL18185477	2018.08.26	**0.07**	<0.05	0.07	<0.001	47.95	769.5	0.08	0.06
N974303	18-CCR-042	128.00	130.00	2.00		7.70	KL18185478	2018.08.28	**0.05**	0.05	0.05	0.002	42.03	902.7	0.05	0.04
N974304	18-CCR-042	128.00	130.00	2.00		7.37	KL18185478	2018.08.28	**0.05**	0.05	0.06	0.002	38.68	898.8	0.05	0.06
N974339	18-CCR-042	174.00	175.50	1.50		6.86	KL18185478	2018.08.28	**0.07**	0.07	0.08	0.003	44.88	904.6	0.08	0.07
N974340	18-CCR-042	174.00	175.50	1.50		6.83	KL18185478	2018.08.28	**0.06**	<0.05	0.07	0.001	32.01	878.5	0.07	0.06
Prep Duplicates																

SAMPLE ID	Hole ID	Intercept			Method -> Analyte-> Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)	kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974073	18-CCR-040	93.50	95.00	1.50	6.32	KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	16.38	889.6	<0.01	<0.01
N974074	18-CCR-040	93.50	95.00	1.50		KL18185472	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	29.82	893.8	<0.01	<0.01
N974114	18-CCR-040	144.26	146.00	1.74	7.40	KL18185472	2018.08.28	**0.08**	0.76	0.05	0.037	48.73	860.3	0.04	0.05
N974115	18-CCR-040	144.26	146.00	1.74		KL18185472	2018.08.28	**0.05**	0.41	<0.05	0.017	41.49	871.0	0.03	0.03
N974166	18-CCR-041	78.00	79.50	1.50	5.70	KL18185473	2018.08.28	**<0.05**	<0.05	<0.05	0.001	44.89	890.9	0.01	0.02
N974167	18-CCR-041	78.00	79.50	1.50		KL18185473	2018.08.28	**<0.05**	0.07	<0.05	0.003	43.43	970.8	0.01	0.01
N974193	18-CCR-041	111.50	113.00	1.50	4.57	KL18185473	2018.08.28	**<0.05**	0.11	<0.05	0.004	37.83	915.8	0.04	0.04
N974194	18-CCR-041	111.50	113.00	1.50		KL18185473	2018.08.28	**0.05**	0.08	0.05	0.004	48.16	975.8	0.05	0.05
N974233	18-CCR-041	161.50	163.00	1.50	4.60	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	46.16	994.2	0.01	<0.01
N974234	18-CCR-041	161.50	163.00	1.50		KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	45.17	771.1	0.01	<0.01
N974274	18-CCR-042	86.00	87.50	1.50	6.12	KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	34.61	780.9	0.04	0.03
N974275	18-CCR-042	86.00	87.50	1.50		KL18185477	2018.08.26	**<0.05**	<0.05	<0.05	<0.001	45.34	835.8	0.04	0.03
N974327	18-CCR-042	159.50	161.00	1.50	5.52	KL18185478	2018.08.28	**0.15**	0.82	0.13	0.029	35.35	908.3	0.11	0.14
N974328	18-CCR-042	159.50	161.00	1.50		KL18185478	2018.08.28	**0.16**	0.51	0.15	0.020	39.33	908.2	0.12	0.18
N974351	18-CCR-042	189.50	191.00	1.50	5.97	KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	46.12	869.8	<0.01	<0.01
N974352	18-CCR-042	189.50	191.00	1.50		KL18185478	2018.08.28	**<0.05**	<0.05	<0.05	<0.001	48.10	883.4	<0.01	<0.01

Standards

GS1P5K

N974086 sample excluded from gold analysis sample stream by lab in error

N974128 sample excluded from gold analysis sample stream by lab in error

N974188 sample excluded from gold analysis sample stream by lab in error

N974237 sample excluded from gold analysis sample stream by lab in error

N974307 sample excluded from gold analysis sample stream by lab in error

N974358 sample excluded from gold analysis sample stream by lab in error

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
GS3L																
N974102	sample excluded from gold analysis sample stream by lab in error															
N974156	sample excluded from gold analysis sample stream by lab in error															
N974223	sample excluded from gold analysis sample stream by lab in error															
N974286	sample excluded from gold analysis sample stream by lab in error															
N974345	sample excluded from gold analysis sample stream by lab in error															
Oreas 901																
N974059	sample excluded from gold analysis sample stream by lab in error															
N974147	sample excluded from gold analysis sample stream by lab in error															
N974202	sample excluded from gold analysis sample stream by lab in error															
N974267	sample excluded from gold analysis sample stream by lab in error															
N974324	sample excluded from gold analysis sample stream by lab in error															
ALS QC/QA																
Pulp Duplicates																
N974063							KL18185472	2018.08.28							0.06	
N974063-DUP							KL18185472QC	2018.08.28							0.05	
N974067							KL18185472	2018.08.28							<0.01	
N974067-DUP							KL18185472QC	2018.08.28							<0.01	
N974085							KL18185472	2018.08.28							<0.01	
N974085-DUP							KL18185472QC	2018.08.28							<0.01	
N974086																
N974086-DUP																
N974089							KL18185472	2018.08.28							0.01	
N974089-DUP							KL18185472QC	2018.08.28							0.01	
N974097							KL18185472	2018.08.28							0.14	

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
N974097-DUP							KL18185472QC	2018.08.28							0.15	
N974108							KL18185472	2018.08.28							0.04	
N974108-DUP							KL18185472QC	2018.08.28							0.05	
N974114							KL18185472	2018.08.28							0.04	
N974114-DUP							KL18185472QC	2018.08.28							0.04	
N974122																
N974122-DUP																
N974063							KL18185472	2018.08.28							0.06	
N974063-DUP							KL18185472QC	2018.08.28							0.05	
N974067							KL18185472	2018.08.28							<0.01	
N974067-DUP							KL18185472QC	2018.08.28							<0.01	
N974085							KL18185472	2018.08.28							<0.01	
N974085-DUP							KL18185472QC	2018.08.28							<0.01	
N974086																
N974086-DUP																
N974089							KL18185472	2018.08.28							0.01	
N974089-DUP							KL18185472QC	2018.08.28							0.01	
N974097							KL18185472	2018.08.28							0.14	
N974097-DUP							KL18185472QC	2018.08.28							0.15	
N974108							KL18185472	2018.08.28							0.04	
N974108-DUP							KL18185472QC	2018.08.28							0.05	
N974114							KL18185472	2018.08.28							0.04	
N974114-DUP							KL18185472QC	2018.08.28							0.04	
N974122																
N974122-DUP																

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
N974133																
N974133-DUP																
N974140							KL18185473	2018.08.28							0.01	
N974140-DUP							KL18185473QC	2018.08.28							0.01	
N974144							KL18185473	2018.08.28							0.02	
N974144-DUP							KL18185473QC	2018.08.28							0.01	
N974169																
N974169-DUP																
N974172							KL18185473	2018.08.28							0.02	
N974172-DUP							KL18185473QC	2018.08.28							0.01	
N974181							KL18185473	2018.08.28							0.09	
N974181-DUP							KL18185473QC	2018.08.28							0.09	
N974194							KL18185473	2018.08.28							0.05	
N974194-DUP							KL18185473QC	2018.08.28							0.04	
N974205							KL18185473	2018.08.28							0.07	
N974205-DUP							KL18185473QC	2018.08.28							0.07	
N974215							KL18185477	2018.08.26							0.01	
N974215-DUP							KL18185477QC	2018.08.26							0.01	
N974238							KL18185477	2018.08.26							0.01	
N974238-DUP							KL18185477QC	2018.08.26							<0.01	
N974259							KL18185477	2018.08.26							0.19	
N974259-DUP							KL18185477QC	2018.08.26							0.16	
N974263							KL18185477	2018.08.26							0.07	
N974263-DUP							KL18185477QC	2018.08.26							0.08	

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->		Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		Sample Weight kg			ppm	ppm	ppm	mg	g	g	ppm 0.01	ppm 0.01
N974276																
N974276-DUP																
N974308							KL18185478	2018.08.28							0.04	
N974308-DUP							KL18185478QC	2018.08.28							0.04	
N974310							KL18185478	2018.08.28							0.11	
N974310-DUP							KL18185478QC	2018.08.28							0.12	
N974316																
N974316-DUP																
N974330							KL18185478	2018.08.28							<0.01	
N974330-DUP							KL18185478QC	2018.08.28							<0.01	
N974332							KL18185478	2018.08.28							<0.01	
N974332-DUP							KL18185478QC	2018.08.28							0.02	
N974351																
N974351-DUP																
N974354							KL18185478	2018.08.28							0.06	
N974354-DUP							KL18185478QC	2018.08.28							0.06	
Blanks																
BLANK							KL18185472QC	2018.08.28							<0.01	
BLANK							KL18185472QC	2018.08.28							0.01	
BLANK							KL18185472QC	2018.08.28							<0.01	
BLANK							KL18185472QC	2018.08.28							<0.01	
BLANK							KL18185472QC	2018.08.28							<0.01	
BLANK							KL18185473QC	2018.08.28							<0.01	
BLANK							KL18185473QC	2018.08.28							<0.01	
BLANK							KL18185473QC	2018.08.28							<0.01	
BLANK							KL18185473QC	2018.08.28							0.01	

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
BLANK							KL18185477QC	2018.08.26							<0.01	
BLANK							KL18185477QC	2018.08.26							<0.01	
BLANK							KL18185477QC	2018.08.26							<0.01	
BLANK							KL18185477QC	2018.08.26							0.02	
BLANK							KL18185477QC	2018.08.26							<0.01	
BLANK							KL18185478QC	2018.08.28							0.01	
BLANK							KL18185478QC	2018.08.28							<0.01	
BLANK							KL18185478QC	2018.08.28							<0.01	
BLANK							KL18185478QC	2018.08.28							<0.01	
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BLANK																
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BLANK																
BLANK																
Standards																
Target: 0.68 - 0.79																
CDN-GS-P6A							KL18185477QC	2018.08.26							0.70	
CDN-GS-P6A							KL18185477QC	2018.08.26							0.70	
CDN-GS-P6A							KL18185472QC	2018.08.28							0.74	
CDN-GS-P6A							KL18185473QC	2018.08.28							0.75	
CDN-GS-P6A							KL18185478QC	2018.08.28							0.74	
CDN-GS-P6A							KL18185478QC	2018.08.28							0.67	

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
Target 6.65 - 7.53																
G913-10							KL18185477QC	2018.08.26							7.14	
G913-10							KL18185477QC	2018.08.26							7.01	
G913-10							KL18185472QC	2018.08.28							6.97	
G913-10							KL18185472QC	2018.08.28							7.36	
G913-10							KL18185473QC	2018.08.28							6.97	
G913-10							KL18185473QC	2018.08.28							7.25	
G913-10							KL18185478QC	2018.08.28							7.10	
G913-10							KL18185478QC	2018.08.28							7.36	
Target: 1.87 - 2.13																
JK-17							KL18185477QC	2018.08.26							2.00	
JK-17							KL18185473QC	2018.08.28							1.99	
JK-17							KL18185472QC	2018.08.28							1.83	
JK-17							KL18185472QC	2018.08.28							1.92	
JK-17							KL18185472QC	2018.08.28							1.95	
JK-17							KL18185473QC	2018.08.28							1.95	
JK-17							KL18185477QC	2018.08.26							1.83	
JK-17							KL18185478QC	2018.08.28							1.92	
JK-17							KL18185478QC	2018.08.28							1.95	
Target: 14.20 - 16.05																
OxP133							KL18185477QC	2018.08.26							14.85	
OxP133							KL18185477QC	2018.08.26							15.10	
OxP133							KL18185477QC	2018.08.26							14.90	
OxP133							KL18185472QC	2018.08.28							14.90	
OxP133							KL18185472QC	2018.08.28							15.45	
OxP133							KL18185472QC	2018.08.28							15.05	
OxP133							KL18185473QC	2018.08.28							15.15	
OxP133							KL18185473QC	2018.08.28							15.45	

SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01
OxP133							KL18185478QC	2018.08.28							15.45	
OxP133							KL18185478QC	2018.08.28							15.05	
CDN-CM-34																
CDN-CM-34																
CDN-CM-34																
CDN-CM-34																
CDN-CM-34																
CDN-CM-34																
MRGeo08																
MRGeo08																
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SAMPLE ID	Hole ID	Intercept			Method -> Analyte->	Sample Weight	Lab Report	Completion Date	Au-SCR21--> Au Total (+)(-) Combined	Au (+) Fraction	Au (-) Fraction	Au (+)	Weight (+) Fraction	Weight (-) Fraction	Au-AA25--> Au 1st analysis	Au 2nd analysis
		from (m)	to (m)	Length (m)		kg			ppm	ppm	ppm	mg	g	g	ppm	ppm
															0.01	0.01

Discovery Consultants
W.R. Gilmour, PGeo
November 7, 2018

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974051	KL18185425	2018.08.27	<0.5	6.55	98	650	0.9	<2	5.22	0.8	16	29	52	5.02	20	2.00	10
N974052	KL18185425	2018.08.27	<0.5	6.44	55	810	0.8	<2	7.39	0.7	17	12	35	4.82	20	1.95	10
N974053	KL18185425	2018.08.27	<0.5	6.63	38	580	0.8	<2	6.11	0.5	18	12	35	4.82	20	1.84	10
N974054	KL18185425	2018.08.27	<0.5	6.54	23	580	0.8	<2	6.27	0.6	14	11	46	4.36	20	1.60	10
N974056	KL18185425	2018.08.27	<0.5	7.18	19	480	0.8	2	5.30	0.5	15	11	41	5.08	20	1.34	10
N974057	KL18185425	2018.08.27	<0.5	7.18	19	440	0.7	<2	4.72	<0.5	16	11	36	5.22	20	1.19	10
N974058	KL18185425	2018.08.27	<0.5	7.49	9	440	0.8	<2	4.54	0.6	16	12	43	5.27	20	1.25	10
N974060	KL18185425	2018.08.27	<0.5	7.42	27	680	0.9	<2	4.51	0.6	17	11	43	5.53	20	1.62	20
N974061	KL18185425	2018.08.27	<0.5	7.36	18	470	0.8	<2	4.73	0.7	15	18	46	5.64	20	1.37	10
N974062	KL18185425	2018.08.27	<0.5	7.91	12	360	0.9	<2	5.44	0.7	17	18	55	6.01	20	0.99	10
N974063	KL18185425	2018.08.27	<0.5	6.88	41	160	0.7	<2	6.37	0.8	26	55	120	5.72	20	0.62	10
N974064	KL18185425	2018.08.27	<0.5	6.96	92	570	0.9	<2	5.83	0.6	25	144	69	4.78	20	1.51	<10
N974065	KL18185425	2018.08.27	<0.5	7.53	78	1170	0.9	<2	3.38	<0.5	8	98	18	1.86	20	2.25	<10
N974067	KL18185425	2018.08.27	<0.5	7.34	10	990	0.8	<2	3.35	<0.5	8	99	10	1.86	20	2.07	<10
N974068	KL18185425	2018.08.27	<0.5	7.53	5	1350	0.8	<2	3.07	<0.5	9	93	14	1.84	20	2.68	<10
N974069	KL18185425	2018.08.27	<0.5	8.04	63	1160	0.9	<2	4.26	0.6	11	104	32	2.61	20	2.47	<10
N974070	KL18185425	2018.08.27	<0.5	7.99	69	1390	0.9	<2	4.43	<0.5	13	91	39	3.10	20	3.66	<10
N974071	KL18185425	2018.08.27	<0.5	7.85	35	1410	0.7	<2	4.29	<0.5	15	116	32	3.17	20	3.51	<10
N974072	KL18185425	2018.08.27	<0.5	8.02	18	1200	0.7	<2	3.81	0.6	18	218	40	3.62	20	2.52	<10
N974073	KL18185425	2018.08.27	<0.5	8.00	6	1210	0.7	<2	4.85	0.5	19	148	60	4.12	20	2.38	<10
N974075	KL18185425	2018.08.27	<0.5	7.57	16	390	0.7	<2	6.86	0.9	35	150	98	7.08	20	0.59	10
N974076	KL18185425	2018.08.27	<0.5	7.96	13	500	0.7	<2	5.02	0.8	18	17	40	6.02	20	1.04	10
N974077	KL18185425	2018.08.27	<0.5	7.55	7	480	0.8	<2	4.40	0.5	15	13	41	5.63	20	1.20	10
N974078	KL18185425	2018.08.27	<0.5	7.01	9	520	0.8	<2	4.81	<0.5	12	10	28	4.40	20	1.23	10
N974080	KL18185425	2018.08.27	<0.5	7.55	9	270	0.7	<2	5.09	0.6	17	28	53	5.79	20	0.68	10
N974081	KL18185425	2018.08.27	<0.5	7.08	17	580	0.7	<2	5.35	0.5	17	22	43	5.36	20	1.31	10
N974082	KL18185425	2018.08.27	<0.5	6.90	18	770	0.7	2	5.76	1.3	25	51	95	5.81	20	1.59	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974083	KL18185425	2018.08.27	<0.5	6.64	31	430	0.5	3	8.22	0.7	37	166	115	6.61	10	0.90	10
N974084	KL18185425	2018.08.27	<0.5	7.46	<5	880	0.7	<2	3.17	0.6	25	66	116	6.13	20	1.97	10
N974085	KL18185425	2018.08.27	<0.5	7.66	13	750	0.6	2	5.68	0.6	23	34	112	5.23	20	1.07	10
N974087	KL18185425	2018.08.27	<0.5	7.86	42	630	0.6	<2	4.71	0.7	23	37	102	5.50	20	1.13	10
N974088	KL18185425	2018.08.27	<0.5	7.83	14	560	<0.5	<2	3.75	0.6	25	33	82	5.90	20	1.14	<10
N974089	KL18185425	2018.08.27	<0.5	7.17	57	340	<0.5	<2	6.78	0.6	20	29	61	4.82	20	1.47	<10
N974090	KL18185425	2018.08.27	<0.5	7.59	45	230	0.5	2	6.35	0.5	24	33	76	4.96	20	1.34	<10
N974091	KL18185425	2018.08.27	<0.5	7.66	36	360	<0.5	3	6.59	0.6	26	98	92	5.67	20	1.22	<10
N974092	KL18185425	2018.08.27	<0.5	7.55	26	380	<0.5	<2	7.09	0.7	22	32	69	5.32	20	1.35	<10
N974093	KL18185425	2018.08.27	<0.5	7.81	21	170	<0.5	2	4.55	0.5	20	22	110	4.79	20	0.29	10
N974094	KL18185425	2018.08.27	1.0	7.50	172	740	0.8	<2	5.76	1.2	26	31	111	4.85	20	2.63	<10
N974096	KL18185425	2018.08.27	<0.5	7.38	150	550	0.8	<2	5.34	0.7	23	81	73	5.28	20	1.69	10
N974097	KL18185425	2018.08.27	<0.5	7.45	984	960	1.1	<2	5.53	0.8	18	40	73	4.84	20	3.13	10
N974098	KL18185425	2018.08.27	<0.5	6.83	123	930	1.0	<2	4.30	0.7	21	45	87	4.80	20	2.10	10
N974099	KL18185425	2018.08.27	0.5	6.90	177	1240	1.2	<2	3.35	<0.5	12	17	73	4.06	20	2.30	20
N974100	KL18185425	2018.08.27	<0.5	6.75	343	1280	1.4	<2	3.27	0.5	8	6	46	3.38	20	2.31	20
N974101	KL18185425	2018.08.27	<0.5	6.70	333	1170	1.4	<2	3.19	0.6	8	6	51	3.39	20	2.21	20
N974103	KL18185425	2018.08.27	<0.5	6.70	181	610	1.1	<2	3.36	0.5	9	8	42	3.69	10	2.09	20
N974104	KL18185425	2018.08.27	0.9	5.98	1100	670	0.9	<2	3.18	0.7	14	24	84	4.17	10	2.11	10
N974105	KL18185425	2018.08.27	0.9	6.89	606	760	0.9	2	4.86	0.9	26	83	93	5.59	20	2.38	10
N974107	KL18185425	2018.08.27	<0.5	6.79	123	470	0.8	2	4.02	0.5	21	62	118	4.80	10	0.98	10
N974108	KL18185425	2018.08.27	0.6	7.20	437	370	0.8	3	4.15	0.7	22	52	127	5.52	20	1.46	10
N974109	KL18185425	2018.08.27	0.7	6.02	597	390	0.7	<2	4.20	0.5	19	45	98	4.74	10	1.36	10
N974110	KL18185425	2018.08.27	0.6	7.55	4890	480	1.0	<2	4.53	0.8	21	38	77	4.86	20	1.88	10
N974111	KL18185425	2018.08.27	0.8	7.27	1780	430	0.9	<2	3.91	0.8	20	39	89	4.52	20	1.57	10
N974112	KL18185425	2018.08.27	0.5	7.04	279	270	0.7	<2	3.70	<0.5	19	34	93	4.61	20	0.98	10
N974113	KL18185425	2018.08.27	0.7	7.66	141	790	0.7	<2	4.84	0.7	22	35	92	5.44	20	2.30	10
N974114	KL18185425	2018.08.27	<0.5	7.71	448	510	0.6	<2	4.43	0.8	27	42	55	5.54	20	1.91	<10
N974116	KL18185425	2018.08.27	<0.5	7.77	105	400	0.5	<2	4.91	0.8	27	45	61	5.63	20	1.43	<10
N974117	KL18185425	2018.08.27	<0.5	7.70	556	440	0.5	2	4.61	0.6	30	42	62	5.59	20	1.86	<10
N974118	KL18185425	2018.08.27	<0.5	7.59	99	680	0.7	<2	4.20	0.6	20	88	53	4.50	20	2.15	<10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974119	KL18185425	2018.08.27	<0.5	7.53	117	460	0.6	2	5.63	0.8	29	101	79	5.49	10	1.21	10
N974120	KL18185425	2018.08.27	<0.5	7.40	51	430	<0.5	3	5.03	0.7	29	82	82	5.76	10	0.75	<10
N974122	KL18185425	2018.08.27	<0.5	7.75	19	160	<0.5	<2	6.72	0.7	27	63	95	5.51	20	0.21	<10
N974123	KL18185425	2018.08.27	<0.5	5.86	12	1740	1.1	<2	1.22	<0.5	6	7	3	2.82	10	2.34	10
N974124	KL18185425	2018.08.27	<0.5	6.80	14	2160	1.0	<2	1.21	<0.5	5	7	16	2.34	20	2.48	10
N974125	KL18185425	2018.08.27	<0.5	6.24	13	1840	0.8	2	1.51	<0.5	7	9	16	2.48	10	2.15	10
N974126	KL18185425	2018.08.27	<0.5	7.71	201	980	0.8	3	3.88	0.6	16	108	36	4.25	20	1.55	10
N974127	KL18185425	2018.08.27	<0.5	4.82	10	970	0.5	<2	1.25	<0.5	6	10	12	3.10	10	1.15	10
N974129	KL18185425	2018.08.27	<0.5	6.24	8	1700	0.8	<2	1.12	<0.5	4	7	8	2.63	10	2.21	10
N974130	KL18185425	2018.08.27	<0.5	7.30	124	1450	1.6	<2	3.32	0.5	10	59	29	3.04	20	3.11	<10
N974131	KL18185420	2018.08.27	<0.5	6.04	57	1720	1.3	<2	1.38	<0.5	11	17	39	2.89	10	2.46	10
N974132	KL18185420	2018.08.27	<0.5	4.09	131	910	1.1	<2	1.56	<0.5	18	34	60	3.48	10	1.31	20
N974133	KL18185420	2018.08.27	<0.5	3.65	121	640	0.9	<2	1.53	<0.5	13	30	65	3.40	10	1.33	10
N974134	KL18185420	2018.08.27	<0.5	4.44	98	540	1.2	<2	2.01	<0.5	14	24	62	2.89	10	1.72	10
N974135	KL18185420	2018.08.27	<0.5	3.69	58	430	1.1	<2	2.21	<0.5	11	16	42	2.04	10	1.34	10
N974137	KL18185420	2018.08.27	<0.5	5.12	36	680	1.3	2	2.63	<0.5	8	11	27	2.31	10	2.08	20
N974138	KL18185420	2018.08.27	<0.5	5.12	133	720	1.2	<2	2.37	<0.5	19	21	38	2.93	10	2.17	20
N974140	KL18185420	2018.08.27	<0.5	7.97	86	1070	1.5	2	2.62	<0.5	7	15	64	2.43	20	2.90	<10
N974141	KL18185420	2018.08.27	<0.5	5.96	91	910	1.1	<2	2.22	<0.5	16	22	39	2.67	20	2.53	20
N974142	KL18185420	2018.08.27	<0.5	7.80	73	1150	1.8	<2	3.25	<0.5	7	19	41	2.72	20	2.71	<10
N974143	KL18185420	2018.08.27	<0.5	7.96	100	1040	1.5	<2	4.14	<0.5	19	27	57	4.13	20	3.39	10
N974144	KL18185420	2018.08.27	<0.5	4.63	100	640	1.1	2	1.75	<0.5	14	25	52	3.36	10	1.93	20
N974145	KL18185420	2018.08.27	<0.5	4.25	149	540	1.0	<2	1.87	<0.5	19	34	65	3.42	10	1.76	20
N974146	KL18185420	2018.08.27	0.5	4.05	188	630	1.0	<2	1.83	<0.5	19	32	57	3.60	10	1.64	20
N974148	KL18185420	2018.08.27	<0.5	8.18	74	1570	2.0	<2	2.75	<0.5	8	22	52	2.63	20	3.52	<10
N974149	KL18185420	2018.08.27	<0.5	4.21	215	660	1.1	<2	2.15	0.5	25	34	61	3.25	10	1.78	10
N974150	KL18185420	2018.08.27	<0.5	5.89	132	920	1.7	<2	2.22	<0.5	17	28	65	2.80	10	2.60	10
N974151	KL18185420	2018.08.27	0.5	4.56	110	660	1.4	<2	1.77	<0.5	16	31	95	2.99	10	2.09	10
N974152	KL18185420	2018.08.27	<0.5	3.46	128	420	1.0	<2	1.23	<0.5	17	40	27	3.43	10	1.56	10
N974153	KL18185420	2018.08.27	0.7	4.66	167	520	1.4	<2	1.77	<0.5	17	41	59	4.29	10	2.00	20
N974154	KL18185420	2018.08.27	0.5	3.67	163	420	1.1	<2	2.09	<0.5	21	35	62	2.97	10	1.55	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974155	KL18185420	2018.08.27	0.5	3.53	135	420	1.0	<2	2.19	<0.5	17	30	63	3.21	10	1.49	10
N974157	KL18185420	2018.08.27	<0.5	7.87	208	910	1.8	<2	4.57	<0.5	18	94	77	4.27	20	3.45	<10
N974158	KL18185420	2018.08.27	<0.5	7.78	242	840	1.4	<2	4.65	0.5	18	127	41	4.51	10	3.57	<10
N974159	KL18185420	2018.08.27	<0.5	8.14	126	940	1.3	<2	4.38	0.5	15	58	63	4.41	10	3.35	<10
N974160	KL18185420	2018.08.27	<0.5	8.06	120	910	1.3	<2	4.52	0.6	16	51	50	4.28	20	3.23	<10
N974162	KL18185420	2018.08.27	<0.5	5.72	15	820	1.0	<2	1.62	<0.5	7	12	6	2.69	10	2.45	10
N974163	KL18185420	2018.08.27	<0.5	6.47	20	1160	1.2	<2	1.26	0.5	8	12	10	2.52	20	2.79	10
N974164	KL18185420	2018.08.27	<0.5	8.00	98	1010	1.7	<2	2.57	1.2	6	18	49	2.67	20	3.24	<10
N974165	KL18185420	2018.08.27	<0.5	7.00	148	900	1.6	<2	4.29	0.7	14	77	71	4.22	20	3.22	10
N974166	KL18185420	2018.08.27	<0.5	8.04	182	1080	1.5	2	4.25	0.6	16	114	35	3.35	20	3.28	<10
N974168	KL18185420	2018.08.27	<0.5	6.07	51	850	0.9	<2	2.70	0.5	8	32	21	3.32	10	2.51	10
N974169	KL18185420	2018.08.27	<0.5	7.31	60	1230	1.5	<2	3.31	0.5	8	30	34	3.53	20	3.40	10
N974170	KL18185420	2018.08.27	<0.5	7.34	170	1080	1.4	<2	4.06	0.7	12	81	34	3.93	20	3.18	<10
N974171	KL18185420	2018.08.27	<0.5	3.84	39	590	0.9	<2	2.33	0.5	5	23	24	2.45	10	1.59	10
N974172	KL18185420	2018.08.27	<0.5	7.25	100	1140	1.7	<2	3.31	<0.5	9	23	35	2.77	20	2.76	<10
N974173	KL18185420	2018.08.27	<0.5	8.13	58	1260	1.8	<2	2.69	2.4	7	19	24	3.18	20	3.36	10
N974174	KL18185420	2018.08.27	<0.5	6.49	522	820	1.1	<2	4.77	1.1	29	369	51	4.64	10	2.95	<10
N974175	KL18185420	2018.08.27	<0.5	5.27	125	1000	1.5	<2	1.43	0.9	15	40	107	3.68	10	2.44	10
N974176	KL18185420	2018.08.27	<0.5	7.46	144	1130	1.9	<2	3.38	0.6	9	30	58	2.89	20	2.91	10
N974177	KL18185420	2018.08.27	<0.5	4.75	77	390	1.3	<2	2.90	1.0	18	35	32	3.41	10	1.86	10
N974178	KL18185420	2018.08.27	<0.5	7.53	83	900	2.1	<2	3.39	0.7	9	25	12	3.00	20	2.36	<10
N974180	KL18185420	2018.08.27	0.5	6.15	99	480	1.6	<2	3.62	1.3	16	33	27	3.91	10	1.58	10
N974181	KL18185420	2018.08.27	0.8	4.93	118	380	1.4	<2	3.57	1.4	16	39	34	4.01	10	1.94	10
N974182	KL18185420	2018.08.27	<0.5	3.36	58	400	1.0	<2	3.58	0.9	14	31	33	3.06	10	1.24	10
N974183	KL18185420	2018.08.27	0.6	3.10	193	420	1.0	<2	2.39	2.3	16	36	34	3.71	10	1.30	10
N974184	KL18185420	2018.08.27	0.9	5.67	214	450	1.7	<2	2.30	1.3	49	40	67	4.81	20	2.59	20
N974185	KL18185420	2018.08.27	<0.5	4.03	167	560	1.2	<2	2.53	0.8	40	31	26	3.16	10	1.86	10
N974187	KL18185420	2018.08.27	<0.5	7.42	160	1300	1.7	<2	3.06	0.7	8	60	50	2.56	20	3.19	<10
N974189	KL18185420	2018.08.27	<0.5	7.97	85	1320	1.7	<2	2.95	0.5	5	27	46	2.48	20	3.14	<10
N974190	KL18185420	2018.08.27	0.9	3.90	150	620	1.4	<2	2.67	0.5	13	30	58	2.66	10	1.78	10
N974191	KL18185420	2018.08.27	<0.5	4.11	208	540	1.4	<2	3.71	0.7	22	36	46	3.01	10	1.56	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974192	KL18185420	2018.08.27	<0.5	4.57	158	690	1.4	<2	3.23	0.8	27	32	82	2.94	10	2.00	10
N974193	KL18185420	2018.08.27	<0.5	4.84	121	760	1.7	<2	3.19	0.7	18	33	59	2.90	10	2.10	10
N974195	KL18185420	2018.08.27	0.5	3.26	134	550	1.2	<2	2.42	0.9	12	33	27	2.47	10	1.37	10
N974196	KL18185420	2018.08.27	1.0	5.71	174	170	1.7	<2	3.39	2.9	16	48	34	4.54	10	2.12	20
N974197	KL18185420	2018.08.27	<0.5	6.64	109	580	1.8	<2	4.01	0.9	13	45	25	3.91	20	2.43	10
N974199	KL18185420	2018.08.27	<0.5	6.26	57	1020	1.4	<2	1.54	1.1	9	34	23	3.19	10	2.38	20
N974200	KL18185420	2018.08.27	2.3	6.54	26	1250	2.0	3	1.39	1.0	6	9	16	2.48	10	2.96	10
N974201	KL18185420	2018.08.27	<0.5	5.26	26	1000	1.9	<2	1.52	0.6	6	10	9	2.85	10	2.41	10
N974203	KL18185420	2018.08.27	<0.5	5.26	27	1060	1.3	<2	1.01	0.7	6	10	8	2.80	10	2.15	10
N974204	KL18185420	2018.08.27	<0.5	7.42	79	1740	1.3	<2	1.40	0.5	5	23	15	2.62	20	3.02	10
N974205	KL18185420	2018.08.27	0.9	5.29	109	2150	1.5	<2	1.79	1.6	8	42	29	2.63	10	2.05	10
N974206	KL18185420	2018.08.27	<0.5	3.54	88	1770	1.5	<2	1.57	0.7	9	31	142	2.60	10	1.54	20
N974207	KL18185420	2018.08.27	0.7	2.89	106	1410	1.4	<2	0.99	0.6	9	30	110	2.81	10	1.22	20
N974208	KL18185420	2018.08.27	1.5	3.31	230	1620	1.6	<2	1.51	0.7	8	39	104	2.83	10	1.34	20
N974209	KL18185420	2018.08.27	2.6	3.46	194	1440	1.7	<2	1.93	0.6	9	32	97	2.93	10	1.54	20
N974210	KL18185420	2018.08.27	4.9	2.10	155	820	1.1	<2	1.59	6.4	8	32	77	2.37	10	0.90	20
N974211	KL18185436	2018.08.28	4.0	2.54	84	1140	1.1	<2	0.95	1.0	6	28	21	2.05	10	1.11	10
N974212	KL18185436	2018.08.28	<0.5	5.62	62	2850	2.4	<2	1.35	<0.5	6	33	16	2.16	10	2.65	10
N974213	KL18185436	2018.08.28	<0.5	4.64	72	2170	1.8	<2	1.18	0.5	5	32	35	2.55	10	2.06	20
N974214	KL18185436	2018.08.28	0.9	6.00	86	2890	2.1	<2	1.42	1.0	8	35	50	2.75	20	2.73	20
N974216	KL18185436	2018.08.28	<0.5	3.69	88	1490	1.1	<2	1.21	<0.5	7	25	65	2.67	10	1.37	10
N974217	KL18185436	2018.08.28	0.8	4.20	116	280	1.6	<2	2.64	1.4	14	30	56	2.91	10	1.71	10
N974219	KL18185436	2018.08.28	0.6	6.34	239	400	1.9	<2	3.31	1.8	15	82	38	3.91	10	2.86	10
N974220	KL18185436	2018.08.28	<0.5	7.60	106	1260	1.8	<2	4.03	0.7	6	41	47	2.87	20	3.81	<10
N974221	KL18185436	2018.08.28	6.6	7.57	139	1240	1.6	4	4.07	1.3	8	50	27	2.96	20	3.76	10
N974222	KL18185436	2018.08.28	0.8	6.48	175	1080	1.6	2	3.06	1.5	10	40	74	3.06	20	2.68	10
N974224	KL18185436	2018.08.28	<0.5	7.70	175	1060	1.6	<2	4.09	0.9	11	48	71	3.78	10	2.87	10
N974225	KL18185436	2018.08.28	1.0	6.42	174	290	1.6	<2	3.08	1.2	13	56	40	3.93	10	2.41	10
N974226	KL18185436	2018.08.28	0.6	6.66	215	620	1.3	3	3.87	1.5	14	28	87	3.98	10	2.49	10
N974227	KL18185436	2018.08.28	<0.5	5.54	583	470	1.0	<2	4.17	0.8	31	340	131	4.25	10	2.55	10
N974228	KL18185436	2018.08.28	0.5	5.47	268	460	1.4	<2	3.70	1.4	20	125	78	3.93	10	2.28	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974229	KL18185436	2018.08.28	0.6	5.38	226	400	1.3	<2	3.52	1.7	17	46	38	3.71	10	2.37	10
N974230	KL18185436	2018.08.28	<0.5	6.70	544	860	1.0	<2	3.72	1.4	18	42	74	4.27	10	1.54	10
N974231	KL18185436	2018.08.28	<0.5	5.97	89	370	0.9	<2	3.05	1.4	11	31	70	3.33	10	1.21	10
N974232	KL18185436	2018.08.28	<0.5	7.83	62	1140	0.9	<2	5.76	1.0	17	36	74	4.37	20	1.57	10
N974233	KL18185436	2018.08.28	<0.5	7.75	61	1360	0.9	<2	6.71	1.0	20	33	67	4.64	20	1.35	10
N974235	KL18185436	2018.08.28	<0.5	7.11	127	830	0.8	<2	4.66	1.1	20	65	84	5.27	10	1.32	10
N974236	KL18185436	2018.08.28	<0.5	5.51	157	520	0.6	<2	6.92	0.7	36	268	83	6.31	10	0.94	10
N974238	KL18185436	2018.08.28	<0.5	6.15	114	790	0.9	<2	2.66	<0.5	17	46	116	4.38	10	2.02	10
N974239	KL18185436	2018.08.28	<0.5	7.43	47	1770	0.8	<2	2.22	0.5	18	51	85	4.80	20	1.79	10
N974240	KL18185436	2018.08.28	<0.5	6.20	45	760	0.6	<2	3.51	<0.5	20	62	96	4.61	10	0.77	10
N974242	KL18185436	2018.08.28	<0.5	6.63	56	900	0.6	<2	3.73	<0.5	22	55	58	4.70	10	0.78	10
N974243	KL18185436	2018.08.28	<0.5	7.88	46	980	0.6	<2	4.24	<0.5	23	65	91	5.66	20	0.83	10
N974244	KL18185436	2018.08.28	<0.5	8.24	41	2210	0.8	<2	2.85	0.8	19	51	90	5.23	20	1.73	10
N974245	KL18185436	2018.08.28	<0.5	7.79	93	1540	0.7	<2	3.80	5.0	20	40	85	5.62	20	1.52	10
N974246	KL18185436	2018.08.28	<0.5	4.40	49	580	<0.5	<2	2.40	12.9	7	44	42	2.40	10	1.28	10
N974247	KL18185436	2018.08.28	<0.5	7.59	47	1820	0.7	<2	3.29	1.3	13	28	60	3.83	20	1.95	10
N974248	KL18185436	2018.08.28	<0.5	6.97	114	860	0.7	4	2.93	4.7	15	45	108	4.26	10	1.93	10
N974249	KL18185436	2018.08.28	<0.5	7.16	157	210	0.8	<2	3.39	4.5	21	46	89	4.97	10	1.87	20
N974250	KL18185436	2018.08.28	<0.5	8.07	41	940	0.7	<2	5.20	0.6	22	33	61	5.40	20	0.96	10
N974251	KL18185436	2018.08.28	<0.5	5.85	25	800	0.6	<2	5.57	<0.5	13	34	59	2.96	10	1.05	10
N974252	KL18185436	2018.08.28	<0.5	8.14	14	800	0.9	<2	2.54	<0.5	12	19	32	4.32	20	1.12	10
N974253	KL18185436	2018.08.28	<0.5	7.19	12	840	0.8	4	2.74	<0.5	7	15	37	2.83	20	1.21	10
N974254	KL18185436	2018.08.28	<0.5	8.12	39	1340	0.8	<2	3.25	<0.5	14	122	44	3.77	20	1.70	<10
N974255	KL18185436	2018.08.28	<0.5	8.36	39	1590	0.8	<2	2.94	<0.5	15	107	50	3.85	20	1.92	<10
N974256	KL18185436	2018.08.28	<0.5	7.37	15	720	0.8	<2	3.19	<0.5	9	18	37	3.41	20	1.09	10
N974257	KL18185436	2018.08.28	<0.5	8.09	9	690	0.8	3	2.97	<0.5	9	13	51	3.68	20	0.91	10
N974258	KL18185436	2018.08.28	0.9	5.40	67	90	1.2	<2	3.39	3.3	16	47	80	4.50	10	1.94	20
N974259	KL18185436	2018.08.28	1.0	5.14	63	80	1.2	<2	3.11	2.8	15	48	81	4.18	10	1.94	20
N974261	KL18185436	2018.08.28	1.2	5.04	75	70	1.1	<2	2.99	3.1	15	53	70	4.51	10	1.87	20
N974262	KL18185436	2018.08.28	1.0	5.76	76	130	1.1	<2	3.49	1.8	18	48	77	4.75	10	1.80	20
N974263	KL18185436	2018.08.28	0.7	6.45	72	280	1.2	<2	4.67	1.4	17	51	112	4.24	20	1.78	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974265	KL18185436	2018.08.28	2.7	4.92	101	90	1.2	<2	3.74	3.8	18	77	101	4.72	10	1.88	20
N974266	KL18185436	2018.08.28	1.5	4.72	68	120	1.2	<2	3.12	3.9	15	48	104	3.99	10	1.79	20
N974268	KL18185436	2018.08.28	<0.5	6.39	79	310	1.3	<2	4.70	1.8	15	39	89	4.42	10	2.22	20
N974269	KL18185436	2018.08.28	<0.5	6.91	90	490	1.3	<2	4.48	1.8	18	43	87	4.39	10	2.45	10
N974270	KL18185436	2018.08.28	<0.5	7.64	189	980	1.2	<2	3.72	<0.5	10	92	41	2.71	20	2.34	10
N974271	KL18185436	2018.08.28	<0.5	7.79	168	890	1.2	<2	3.37	<0.5	11	78	33	2.81	20	2.23	10
N974272	KL18185436	2018.08.28	1.0	4.24	134	300	1.1	<2	3.23	4.9	16	54	110	3.98	10	1.71	20
N974273	KL18185436	2018.08.28	0.5	3.36	46	620	0.9	<2	2.96	2.9	9	40	65	2.64	10	1.27	20
N974274	KL18185436	2018.08.28	<0.5	6.74	58	560	1.4	<2	5.34	1.7	17	36	91	4.05	20	2.34	10
N974276	KL18185436	2018.08.28	0.7	6.27	63	270	1.4	2	4.92	2.0	17	50	76	4.62	10	2.12	20
N974277	KL18185436	2018.08.28	0.7	6.51	52	190	1.3	<2	4.79	1.0	18	37	74	5.30	10	2.02	10
N974278	KL18185436	2018.08.28	0.6	7.04	67	410	1.4	<2	4.72	1.8	17	46	86	4.68	10	2.14	20
N974279	KL18185436	2018.08.28	<0.5	6.11	41	660	1.1	<2	5.18	1.9	15	39	61	4.10	10	1.96	10
N974280	KL18185436	2018.08.28	1.0	5.30	66	330	1.1	<2	4.10	1.9	15	46	85	3.99	10	1.81	20
N974281	KL18185436	2018.08.28	1.2	5.32	73	320	1.2	<2	3.89	3.4	14	44	99	4.05	10	1.96	20
N974283	KL18185436	2018.08.28	0.9	5.83	83	320	1.2	<2	3.97	1.9	14	37	118	4.12	10	2.00	20
N974284	KL18185436	2018.08.28	<0.5	8.03	36	1180	1.2	<2	3.53	1.5	19	34	56	5.30	20	2.80	10
N974285	KL18185436	2018.08.28	<0.5	6.83	48	920	1.2	<2	5.42	1.0	17	31	78	4.37	10	2.25	10
N974287	KL18185436	2018.08.28	<0.5	7.06	41	880	1.1	<2	4.88	0.7	17	30	58	4.41	10	1.99	10
N974288	KL18185436	2018.08.28	<0.5	7.54	36	1060	1.0	4	3.25	0.9	16	28	44	4.55	10	1.85	10
N974289	KL18185436	2018.08.28	<0.5	8.15	51	1280	1.1	<2	3.02	0.9	21	34	50	4.87	20	2.06	10
N974290	KL18185436	2018.08.28	<0.5	7.81	41	1310	1.1	<2	3.03	1.3	17	28	45	4.98	20	1.96	10
N974291	KL18185416	2018.08.30	<0.5	7.78	44	1090	1.2	<2	4.13	0.9	19	35	51	4.95	10	1.56	10
N974292	KL18185416	2018.08.30	<0.5	8.02	57	1340	1.3	2	4.50	0.9	16	35	75	4.94	20	1.87	10
N974293	KL18185416	2018.08.30	<0.5	8.01	45	1220	1.1	<2	3.53	0.5	19	34	39	5.45	20	1.74	10
N974295	KL18185416	2018.08.30	<0.5	7.94	58	1440	1.3	2	3.31	0.6	21	41	59	4.74	20	1.90	10
N974296	KL18185416	2018.08.30	<0.5	5.13	103	520	0.9	<2	3.82	1.1	17	53	88	4.25	10	1.13	10
N974297	KL18185416	2018.08.30	<0.5	6.37	151	800	0.9	<2	4.84	0.8	21	69	90	4.89	10	1.20	10
N974298	KL18185416	2018.08.30	<0.5	8.01	59	1220	1.1	2	3.54	0.6	17	32	112	4.88	20	1.66	10
N974299	KL18185416	2018.08.30	0.5	6.76	100	320	1.1	<2	5.29	0.7	18	56	58	4.87	10	1.60	10
N974300	KL18185416	2018.08.30	1.0	7.26	103	390	1.2	<2	4.57	0.8	21	54	103	5.11	20	1.86	20

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974301	KL18185416	2018.08.30	0.6	6.59	66	380	1.3	<2	5.34	1.2	15	38	64	4.45	10	1.61	10
N974302	KL18185416	2018.08.30	<0.5	7.44	60	610	1.2	<2	5.19	1.7	18	42	73	4.60	20	1.77	10
N974303	KL18185416	2018.08.30	0.6	5.00	97	460	1.0	<2	4.04	1.3	15	46	91	3.98	10	1.30	20
N974305	KL18185416	2018.08.30	<0.5	6.61	68	380	1.3	<2	4.39	1.7	19	44	56	4.45	10	1.46	10
N974306	KL18185416	2018.08.30	0.6	6.83	88	280	1.3	<2	4.90	1.5	24	51	83	5.33	10	1.50	20
N974308	KL18185416	2018.08.30	0.6	6.24	67	510	1.3	<2	4.82	2.2	19	44	60	4.49	10	1.44	20
N974309	KL18185416	2018.08.30	0.9	4.55	59	610	1.2	<2	3.52	3.0	13	41	77	3.31	10	1.42	20
N974310	KL18185416	2018.08.30	1.1	4.56	67	670	1.3	<2	4.09	3.8	19	47	99	3.93	10	1.39	20
N974311	KL18185416	2018.08.30	1.3	4.47	75	400	1.2	<2	3.46	5.6	19	56	141	4.17	10	1.46	20
N974312	KL18185416	2018.08.30	1.1	4.31	75	500	1.2	<2	4.05	6.0	16	49	102	3.85	10	1.36	20
N974313	KL18185416	2018.08.30	1.3	4.97	94	440	1.3	<2	3.87	4.0	17	47	132	4.06	10	1.63	20
N974314	KL18185416	2018.08.30	0.8	4.78	100	510	1.2	<2	3.65	3.4	18	54	111	4.43	10	1.41	20
N974315	KL18185416	2018.08.30	<0.5	7.91	199	1060	1.6	<2	3.94	0.6	9	90	14	2.24	20	1.78	10
N974317	KL18185416	2018.08.30	<0.5	7.21	152	600	1.6	<2	4.33	1.2	29	126	159	5.87	20	1.33	10
N974318	KL18185416	2018.08.30	0.7	5.26	329	360	1.2	<2	3.40	2.2	21	55	191	5.21	10	1.53	20
N974319	KL18185416	2018.08.30	0.6	5.55	223	750	1.4	<2	3.62	2.9	15	69	140	3.72	20	1.60	20
N974320	KL18185416	2018.08.30	<0.5	6.84	170	670	1.5	<2	3.93	1.6	28	138	67	5.62	20	1.54	10
N974321	KL18185416	2018.08.30	<0.5	6.47	295	310	1.1	<2	7.29	0.8	34	279	79	5.72	10	1.12	10
N974322	KL18185416	2018.08.30	<0.5	4.65	375	220	0.6	<2	6.89	0.9	43	463	40	5.73	10	0.71	10
N974323	KL18185416	2018.08.30	0.5	8.36	158	1450	1.5	<2	5.23	1.2	22	57	121	5.87	20	2.00	10
N974325	KL18185416	2018.08.30	0.5	6.35	103	740	1.1	<2	4.97	2.2	14	41	43	4.25	20	1.98	20
N974326	KL18185416	2018.08.30	0.9	4.92	157	350	1.0	<2	3.43	3.9	17	48	70	3.90	10	1.51	20
N974327	KL18185416	2018.08.30	0.5	7.31	93	1660	1.3	<2	5.99	2.0	17	33	157	4.69	20	1.94	10
N974329	KL18185416	2018.08.30	<0.5	7.33	212	1200	1.2	<2	5.40	0.9	23	152	52	5.13	20	1.67	10
N974330	KL18185416	2018.08.30	0.5	6.08	296	590	0.9	<2	4.12	0.7	23	167	105	5.72	10	0.90	10
N974331	KL18185416	2018.08.30	0.7	6.38	349	270	0.7	<2	4.59	0.8	43	392	103	6.84	10	0.68	10
N974332	KL18185416	2018.08.30	<0.5	5.47	312	270	0.7	<2	5.33	0.8	35	395	77	5.77	10	0.65	10
N974333	KL18185416	2018.08.30	<0.5	5.74	314	310	0.9	<2	3.39	0.6	22	60	66	5.07	10	1.70	20
N974334	KL18185416	2018.08.30	<0.5	7.68	136	910	1.1	<2	3.61	1.2	24	37	45	4.99	20	2.14	10
N974336	KL18185416	2018.08.30	0.6	5.54	283	290	0.9	<2	4.19	0.8	18	48	54	5.42	10	1.63	20
N974337	KL18185416	2018.08.30	0.6	6.93	158	610	1.1	<2	4.64	1.4	20	46	67	4.96	20	1.68	20

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974338	KL18185416	2018.08.30	1.0	5.64	108	360	1.1	<2	3.69	3.0	20	49	54	4.59	20	1.69	20
N974339	KL18185416	2018.08.30	0.8	5.05	91	440	0.9	<2	4.16	2.2	17	46	44	4.33	10	1.46	20
N974341	KL18185416	2018.08.30	0.5	7.74	83	1490	1.1	<2	6.39	1.4	18	38	181	4.81	20	1.89	10
N974342	KL18185416	2018.08.30	<0.5	8.51	59	1910	1.2	<2	5.52	<0.5	20	31	105	5.07	20	1.79	10
N974343	KL18185416	2018.08.30	<0.5	8.80	58	1980	1.0	<2	3.17	0.8	20	40	100	5.59	20	1.70	10
N974344	KL18185416	2018.08.30	<0.5	8.70	87	2030	1.1	<2	4.21	0.7	22	39	67	5.41	20	1.79	10
N974346	KL18185416	2018.08.30	<0.5	8.41	79	2390	1.3	<2	4.50	0.5	17	44	193	4.77	20	2.02	10
N974347	KL18185416	2018.08.30	<0.5	8.44	157	1110	1.2	2	6.37	1.0	23	34	152	6.21	20	1.24	10
N974348	KL18185416	2018.08.30	<0.5	6.72	144	780	1.1	<2	5.57	1.9	17	78	71	5.00	10	1.33	20
N974349	KL18185416	2018.08.30	<0.5	7.92	224	1030	1.1	<2	5.10	<0.5	16	107	50	4.05	20	1.52	10
N974350	KL18185416	2018.08.30	<0.5	8.19	166	780	1.1	2	5.15	<0.5	17	82	72	4.21	20	1.49	10
N974351	KL18185416	2018.08.30	<0.5	8.13	326	1010	1.4	<2	5.42	0.9	19	170	86	4.00	20	1.87	10
N974353	KL18185416	2018.08.30	<0.5	7.57	123	970	1.6	2	5.09	2.0	16	94	67	4.34	20	2.17	10
N974354	KL18185416	2018.08.30	<0.5	6.63	94	820	1.6	<2	4.78	1.8	13	79	52	4.17	20	1.74	10
N974356	KL18185416	2018.08.30	1.5	4.96	90	200	1.2	3	3.57	3.6	16	57	87	4.74	10	1.71	20
N974357	KL18185416	2018.08.30	1.6	4.84	87	230	1.2	<2	3.14	4.1	15	53	81	4.61	10	1.74	20
N974359	KL18185416	2018.08.30	1.4	4.91	86	450	1.3	2	3.45	4.8	17	58	98	4.29	10	1.67	20
N974360	KL18185416	2018.08.30	1.2	5.02	84	380	1.3	<2	4.21	4.3	17	55	79	4.30	10	1.67	20
SMG QC/QA																	
Field Blanks																	
N974066	KL18185425	2018.08.27	<0.5	4.58	8	590	0.7	<2	4.17	0.8	39	490	51	4.98	10	0.81	10
N974079	KL18185425	2018.08.27	<0.5	4.45	6	580	0.6	<2	3.80	0.7	36	469	48	4.86	10	0.76	10
N974106	KL18185425	2018.08.27	<0.5	4.47	11	600	0.7	<2	4.02	0.9	37	499	48	4.90	10	0.79	10
N974121	KL18185425	2018.08.27	<0.5	4.49	16	550	0.7	3	3.94	0.8	38	505	49	4.98	10	0.79	10
N974136	KL18185420	2018.08.27	<0.5	4.48	5	650	0.7	<2	3.90	0.7	37	487	50	5.22	10	0.77	10
N974161	KL18185420	2018.08.27	<0.5	4.54	<5	620	0.7	<2	3.94	0.9	34	468	52	5.08	10	0.80	10
N974186	KL18185420	2018.08.27	<0.5	4.39	5	650	0.7	<2	3.84	0.6	35	457	47	4.93	10	0.80	10
N974198	KL18185420	2018.08.27	<0.5	4.77	<5	610	0.7	2	4.24	1.0	37	465	55	5.33	10	0.82	10
N974218	KL18185436	2018.08.28	<0.5	4.31	<5	560	0.6	<2	3.75	0.5	34	426	46	4.66	10	0.76	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974241	KL18185436	2018.08.28	<0.5	4.47	7	560	0.7	<2	4.36	0.6	35	420	53	4.95	10	0.78	10
N974260	KL18185436	2018.08.28	<0.5	4.38	<5	580	0.7	<2	3.98	0.6	34	432	51	4.83	10	0.77	10
N974282	KL18185436	2018.08.28	<0.5	4.52	<5	670	0.7	<2	3.81	0.8	33	399	49	4.77	10	0.79	10
N974294	KL18185416	2018.08.30	<0.5	4.24	<5	590	0.6	<2	3.93	<0.5	34	406	46	4.59	10	0.72	10
N974316	KL18185416	2018.08.30	<0.5	4.64	5	670	0.7	<2	4.12	0.7	38	445	49	5.09	10	0.80	10
N974335	KL18185416	2018.08.30	<0.5	4.76	5	610	0.7	<2	4.18	0.6	38	470	49	5.23	10	0.81	10
N974355	KL18185416	2018.08.30	<0.5	4.79	6	630	0.7	<2	4.39	0.7	34	432	48	5.10	10	0.83	10
Field Duplicates																	
N974054	KL18185425	2018.08.27	<0.5	6.54	23	580	0.8	<2	6.27	0.6	14	11	46	4.36	20	1.60	10
N974055	KL18185425	2018.08.27	<0.5	6.66	18	600	0.8	<2	6.52	<0.5	15	10	38	4.58	20	1.64	10
N974094	KL18185425	2018.08.27	1.0	7.50	172	740	0.8	<2	5.76	1.2	26	31	111	4.85	20	2.63	<10
N974095	KL18185425	2018.08.27	0.7	7.33	136	730	0.7	2	5.71	0.8	22	31	110	4.77	20	2.56	<10
N974138	KL18185420	2018.08.27	<0.5	5.12	133	720	1.2	<2	2.37	<0.5	19	21	38	2.93	10	2.17	20
N974139	KL18185420	2018.08.27	<0.5	4.82	92	720	1.2	<2	2.43	<0.5	16	22	31	2.50	10	2.01	20
N974178	KL18185420	2018.08.27	<0.5	7.53	83	900	2.1	<2	3.39	0.7	9	25	12	3.00	20	2.36	<10
N974179	KL18185420	2018.08.27	<0.5	7.79	87	840	2.0	<2	3.32	0.8	8	26	11	3.01	20	2.29	<10
N974214	KL18185436	2018.08.28	0.9	6.00	86	2890	2.1	<2	1.42	1.0	8	35	50	2.75	20	2.73	20
N974215	KL18185436	2018.08.28	0.8	5.61	83	2670	2.0	2	1.34	1.0	8	34	38	2.81	20	2.51	20
N974263	KL18185436	2018.08.28	0.7	6.45	72	280	1.2	<2	4.67	1.4	17	51	112	4.24	20	1.78	10
N974264	KL18185436	2018.08.28	0.8	6.83	80	310	1.2	<2	4.67	1.6	19	55	135	4.41	20	1.93	10
N974303	KL18185416	2018.08.30	0.6	5.00	97	460	1.0	<2	4.04	1.3	15	46	91	3.98	10	1.30	20
N974304	KL18185416	2018.08.30	0.6	5.03	104	300	0.9	<2	4.24	1.7	16	45	98	4.28	10	1.29	20
N974339	KL18185416	2018.08.30	0.8	5.05	91	440	0.9	<2	4.16	2.2	17	46	44	4.33	10	1.46	20
N974340	KL18185416	2018.08.30	0.8	4.89	85	390	0.9	<2	3.97	2.0	16	47	42	4.11	10	1.40	20
Prep Duplicates																	

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974073	KL18185425	2018.08.27	<0.5	8.00	6	1210	0.7	<2	4.85	0.5	19	148	60	4.12	20	2.38	<10
N974074	KL18185425	2018.08.27	<0.5	8.19	8	1220	0.7	<2	5.11	<0.5	20	161	65	4.25	20	2.37	<10
N974114	KL18185425	2018.08.27	<0.5	7.71	448	510	0.6	<2	4.43	0.8	27	42	55	5.54	20	1.91	<10
N974115	KL18185425	2018.08.27	<0.5	7.98	428	530	0.6	2	4.78	0.8	29	46	60	5.93	20	1.95	<10
N974166	KL18185420	2018.08.27	<0.5	8.04	182	1080	1.5	2	4.25	0.6	16	114	35	3.35	20	3.28	<10
N974167	KL18185420	2018.08.27	<0.5	7.80	194	1090	1.5	<2	4.31	0.6	17	117	29	3.41	20	3.31	<10
N974193	KL18185420	2018.08.27	<0.5	4.84	121	760	1.7	<2	3.19	0.7	18	33	59	2.90	10	2.10	10
N974194	KL18185420	2018.08.27	<0.5	4.74	117	760	1.7	<2	3.16	0.8	18	31	52	2.79	10	2.09	10
N974233	KL18185436	2018.08.28	<0.5	7.75	61	1360	0.9	<2	6.71	1.0	20	33	67	4.64	20	1.35	10
N974234	KL18185436	2018.08.28	<0.5	7.44	54	1300	0.8	<2	6.67	0.9	15	32	64	4.56	10	1.29	10
N974274	KL18185436	2018.08.28	<0.5	6.74	58	560	1.4	<2	5.34	1.7	17	36	91	4.05	20	2.34	10
N974275	KL18185436	2018.08.28	<0.5	6.66	62	590	1.4	<2	5.29	2.1	17	35	95	4.02	10	2.36	10
N974327	KL18185416	2018.08.30	0.5	7.31	93	1660	1.3	<2	5.99	2.0	17	33	157	4.69	20	1.94	10
N974328	KL18185416	2018.08.30	0.6	7.37	97	1680	1.3	<2	6.03	2.2	19	33	161	4.73	10	1.94	10
N974351	KL18185416	2018.08.30	<0.5	8.13	326	1010	1.4	<2	5.42	0.9	19	170	86	4.00	20	1.87	10
N974352	KL18185416	2018.08.30	<0.5	8.03	356	1020	1.4	<2	5.24	0.7	17	173	90	3.93	20	1.85	10
Standards																	
GS1P5K																	
N974086	KL18185425	2018.08.27	0.6	6.10	18	600	0.7	<2	2.48	<0.5	13	56	225	4.20	10	0.95	10
N974128	KL18185425	2018.08.27	0.6	6.29	21	630	0.7	<2	2.59	0.6	13	58	229	4.34	10	0.96	10
N974188	KL18185420	2018.08.27	0.5	6.08	22	610	0.7	<2	2.55	0.6	12	57	220	4.20	10	0.96	10
N974237	KL18185436	2018.08.28	0.6	6.35	15	630	0.8	<2	2.66	<0.5	12	58	225	4.47	10	0.97	10
N974307	KL18185416	2018.08.30	0.7	6.31	19	630	0.7	<2	2.64	0.6	13	55	228	4.34	20	0.94	10
N974358	KL18185416	2018.08.30	0.5	6.56	14	650	0.8	2	2.73	<0.5	13	62	229	4.53	10	1.01	10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
GS3L																	
N974102	KL18185425	2018.08.27	<0.5	6.78	13	540	0.7	<2	3.07	0.5	13	56	84	4.67	20	0.95	10
N974156	KL18185420	2018.08.27	<0.5	6.88	16	540	0.7	<2	3.11	0.5	14	56	84	4.73	10	0.97	10
N974223	KL18185436	2018.08.28	0.6	6.86	14	550	0.7	<2	3.14	0.9	14	57	86	4.76	10	1.00	10
N974286	KL18185436	2018.08.28	0.6	6.73	13	530	0.7	4	3.01	0.6	13	53	85	4.64	10	0.98	10
N974345	KL18185416	2018.08.30	<0.5	7.14	12	580	0.8	3	3.30	<0.5	15	59	85	4.97	20	1.03	10
Oreas 901																	
N974059	KL18185425	2018.08.27	<0.5	7.28	76	250	6.2	4	0.1	<0.5	78	62	1430	4.07	20	3.98	40
N974147	KL18185420	2018.08.27	<0.5	7.40	76	250	6.6	6	0.10	<0.5	80	63	1485	4.19	20	4.06	50
N974202	KL18185420	2018.08.27	<0.5	7.01	69	240	6.1	6	0.09	<0.5	73	58	1420	3.92	20	3.76	40
N974267	KL18185436	2018.08.28	<0.5	7.01	71	240	6.0	6	0.09	<0.5	73	57	1420	3.88	20	3.74	40
N974324	KL18185416	2018.08.30	0.5	7.30	72	250	6.3	2	0.10	<0.5	77	56	1420	4.04	20	3.85	40
ALS QC/QA																	
Pulp Duplicates																	
N974063																	
N974063-DUP																	
N974067																	
N974067-DUP																	
N974085																	
N974085-DUP																	
N974086	KL18185425	2018.08.27	0.6	6.10	18	600	0.7	<2	2.48	<0.5	13	56	225	4.20	10	0.95	10
N974086-DUP	KL18185425QC	2018.08.27	0.8	6.27	19	620	0.7	2	2.56	<0.5	13	58	234	4.32	10	0.97	10
N974089																	
N974089-DUP																	
N974097																	

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974097-DUP																	
N974108																	
N974108-DUP																	
N974114																	
N974114-DUP																	
N974122	KL18185425	2018.08.27	<0.5	7.75	19	160	<0.5	<2	6.72	0.7	27	63	95	5.51	20	0.21	<10
N974122-DUP	KL18185425QC	2018.08.27	<0.5	8.01	19	180	<0.5	3	6.87	0.8	28	61	99	5.72	20	0.22	<10
N974063																	
N974063-DUP																	
N974067																	
N974067-DUP																	
N974085																	
N974085-DUP																	
N974086	KL18185425	2018.08.27	0.6	6.10	18	600	0.7	<2	2.48	<0.5	13	56	225	4.20	10	0.95	10
N974086-DUP	KL18185425QC	2018.08.27	0.8	6.27	19	620	0.7	2	2.56	<0.5	13	58	234	4.32	10	0.97	10
N974089																	
N974089-DUP																	
N974097																	
N974097-DUP																	
N974108																	
N974108-DUP																	
N974114																	
N974114-DUP																	
N974122	KL18185425	2018.08.27	<0.5	7.75	19	160	<0.5	<2	6.72	0.7	27	63	95	5.51	20	0.21	<10
N974122-DUP	KL18185425QC	2018.08.27	<0.5	8.01	19	180	<0.5	3	6.87	0.8	28	61	99	5.72	20	0.22	<10

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974133	KL18185420	2018.08.27	<0.5	3.65	121	640	0.9	<2	1.53	<0.5	13	30	65	3.40	10	1.33	10
N974133-DUP	KL18185420QC	2018.08.27	<0.5	3.63	127	640	1.0	<2	1.52	<0.5	13	28	65	3.40	10	1.30	10
N974140	KL18185436	2018.08.28	<0.5	6.20	45	760	0.6	<2	3.51	<0.5	20	62	96	4.61	10	0.77	10
N974140-DUP	KL18185436QC	2018.08.28	<0.5	6.49	43	790	0.6	<2	3.63	<0.5	20	64	104	4.78	10	0.80	10
N974144																	
N974144-DUP																	
N974169	KL18185420	2018.08.27	<0.5	7.31	60	1230	1.5	<2	3.31	0.5	8	30	34	3.53	20	3.40	10
N974169-DUP	KL18185420QC	2018.08.27	<0.5	7.22	62	1230	1.5	<2	3.30	<0.5	9	30	33	3.52	20	3.39	10
N974172																	
N974172-DUP																	
N974181																	
N974181-DUP																	
N974194																	
N974194-DUP																	
N974205																	
N974205-DUP																	
N974215																	
N974215-DUP																	
N974238																	
N974238-DUP																	
N974259																	
N974259-DUP																	
N974263																	
N974263-DUP																	

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
N974276	KL18185436	2018.08.28	0.7	6.27	63	270	1.4	2	4.92	2.0	17	50	76	4.62	10	2.12	20
N974276-DUP	KL18185436QC	2018.08.28	0.7	6.14	63	230	1.3	2	4.53	1.8	17	46	75	4.44	10	2.11	20
N974308																	
N974308-DUP																	
N974310																	
N974310-DUP																	
N974316	KL18185416	2018.08.30	<0.5	4.64	5	670	0.7	<2	4.12	0.7	38	445	49	5.09	10	0.80	10
N974316-DUP	KL18185416QC	2018.08.30	<0.5	4.56	7	660	0.7	<2	4.00	0.7	37	438	48	4.98	10	0.78	10
N974330																	
N974330-DUP																	
N974332																	
N974332-DUP																	
N974351	KL18185416	2018.08.30	<0.5	8.13	326	1010	1.4	<2	5.42	0.9	19	170	86	4.00	20	1.87	10
N974351-DUP	KL18185416QC	2018.08.30	<0.5	8.10	313	950	1.4	4	5.09	0.6	19	167	77	3.74	20	1.79	10
N974354																	
N974354-DUP																	

Blanks

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SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
BLANK																	
BLANK																	
BLANK																	
BLANK																	
BLANK																	
BLANK																	
BLANK																	
BLANK																	
BLANK																	
BLANK	KL18185425QC	2018.08.27	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185425QC	2018.08.27	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185425QC	2018.08.27	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185420QC	2018.08.27	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185420QC	2018.08.27	<0.5	<0.01	<5	<10	<0.5	2	<0.01	<0.5	1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185420QC	2018.08.27	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185436QC	2018.08.28	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185436QC	2018.08.28	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185436QC	2018.08.28	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185416QC	2018.08.30	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185416QC	2018.08.30	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	1	<0.01	<10	<0.01	<10
BLANK	KL18185416QC	2018.08.30	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK	KL18185416QC	2018.08.30	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10

Standards

Target: 0.68 - 0.79

CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
Target 6.65 - 7.53																	
G913-10																	
G913-10																	
G913-10																	
G913-10																	
G913-10																	
G913-10																	
G913-10																	
G913-10																	
Target: 1.87 - 2.13																	
JK-17																	
JK-17																	
JK-17																	
JK-17																	
JK-17																	
JK-17																	
JK-17																	
JK-17																	
JK-17																	
Target: 14.20 - 16.05																	
OxP133																	
OxP133																	
OxP133																	
OxP133																	
OxP133																	
OxP133																	
OxP133																	
OxP133																	

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
OxP133																	
OxP133																	
CDN-CM-34	KL18185425QC	2018.08.27	3.7	6.74	114	490	1.0	7	2.18	1.7	45	253	6140	4.87	20	2.99	10
CDN-CM-34	KL18185425QC	2018.08.27	3.8	6.75	108	470	1.0	12	2.16	1.2	43	255	6190	4.87	20	2.92	10
CDN-CM-34	KL18185420QC	2018.08.27	3.4	6.49	91	500	1.0	2	2.10	1.5	42	252	5890	4.71	20	2.86	10
CDN-CM-34	KL18185436QC	2018.08.28	3.7	6.91	101	420	1.0	2	2.24	1.0	45	262	6110	5.08	20	2.94	20
CDN-CM-34	KL18185416QC	2018.08.30	3.9	7.01	115	540	1	3	2.24	1.2	45	259	6090	5.10	20	3.08	20
CDN-CM-34	KL18185416QC	2018.08.30	3.7	6.87	114	520	1	5	2.21	1.2	45	248	6050	5.01	20	2.99	20
MRGeo08	KL18185425QC	2018.08.27	4.7	7.50	35	1110	3.1	2	2.63	2.7	21	93	646	3.95	20	3.22	30
MRGeo08	KL18185420QC	2018.08.27	4.7	7.65	32	1130	3.3	<2	2.73	2.5	20	96	672	4.07	20	3.27	30
MRGeo08	KL18185420QC	2018.08.27	4.6	7.36	35	1090	3.3	2	2.61	2.4	20	96	628	3.95	20	3.15	30
MRGeo08	KL18185436QC	2018.08.28	4.5	7.28	37	1080	3.1	<2	2.60	2.5	19	92	648	3.91	20	3.15	30
MRGeo08	KL18185436QC	2018.08.28	4.7	7.65	32	1130	3.3	<2	2.73	2.5	20	96	672	4.07	20	3.27	30
MRGeo08	KL18185416QC	2018.08.30	4.9	7.41	34	1140	3.3	2	2.74	2.7	21	89	640	4.04	20	3.2	30
OGGeo08	KL18185425QC	2018.08.27	21.0	7.20	132	730	3.0	10	2.35	20.6	103	93	8940	5.63	20	3.14	30
OGGeo08	KL18185425QC	2018.08.27	20.0	6.89	120	750	2.7	9	2.19	19.2	98	89	8630	5.34	20	2.96	30
OGGeo08	KL18185420QC	2018.08.27	19.3	6.62	111	840	2.7	12	2.18	19.1	94	86	8080	5.17	20	2.89	30
OGGeo08	KL18185436QC	2018.08.28	21.4	7.30	113	470	3.1	13	2.39	20.3	103	91	8960	5.89	20	3.24	30
OGGeo08	KL18185416QC	2018.08.30	20.6	6.96	126	890	2.9	15	2.29	19.7	101	92	8430	5.59	20	3.12	30
OGGeo08	KL18185416QC	2018.08.30	21.1	7.03	127	930	2.9	7	2.32	20.2	103	96	8500	5.64	20	3.17	30
OGGeo08	KL18185416QC	2018.08.30	20.4	6.83	128	920	2.9	15	2.27	19.3	100	88	8470	5.49	20	3.02	30
OREAS 602	KL18185425QC	2018.08.27	>100	4.35	699	100	0.7	59	0.61	25.8	10	37	5280	2.18	20	0.68	10
OREAS 602	KL18185420QC	2018.08.27	>100	4.21	673	150	0.7	62	0.61	25	10	32	5120	2.12	20	0.68	10
OREAS 602	KL18185436QC	2018.08.28	>100	4.21	673	150	0.7	62	0.61	25	10	32	5120	2.12	20	0.68	10
OREAS 602	KL18185436QC	2018.08.28	>100	4.31	667	170	0.8	62	0.60	24.9	9	30	5210	2.14	20	0.70	10
OREAS 602	KL18185416QC	2018.08.30	>100	4.56	702	350	0.8	60	0.66	27.0	10	36	5280	2.27	20	0.72	20

SAMPLE ID	ME-ICP61-> Lab Report	Completion Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
			0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10

Discovery Consultant
W.R. Gilmour, PGeo
November 7, 2018

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974051	1.37	1290	1	1.39	14	830	33	0.80	<5	17	453	<20	0.33	<10	<10	128	10	83
N974052	1.36	1670	2	0.74	7	1240	3	0.29	<5	18	453	<20	0.38	<10	<10	107	<10	74
N974053	1.37	1555	1	0.75	8	1150	4	0.08	<5	18	370	<20	0.38	<10	<10	108	<10	91
N974054	1.21	1445	2	0.80	6	3880	7	0.21	<5	16	362	<20	0.36	<10	<10	103	<10	78
N974056	1.39	1470	2	0.95	5	1220	2	0.15	<5	18	362	<20	0.44	<10	<10	123	<10	96
N974057	1.44	1410	1	0.98	5	1260	6	0.13	<5	19	344	<20	0.45	<10	<10	121	<10	100
N974058	1.43	1380	2	0.95	5	1320	4	0.22	<5	19	366	<20	0.47	<10	<10	123	<10	100
N974060	1.71	1205	1	1.19	7	1290	3	0.19	<5	20	385	<20	0.46	<10	<10	127	<10	104
N974061	1.72	1215	2	0.93	9	1390	<2	0.09	<5	20	324	<20	0.48	<10	<10	155	<10	106
N974062	1.90	1265	1	0.99	8	1440	2	0.14	<5	22	335	<20	0.52	<10	<10	162	<10	102
N974063	2.22	1220	1	1.43	24	1240	8	0.54	<5	24	473	<20	0.40	<10	<10	182	<10	91
N974064	3.16	1190	1	1.68	72	1020	6	0.32	<5	22	551	<20	0.25	<10	<10	161	10	68
N974065	1.63	753	<1	2.07	108	790	3	0.04	<5	3	495	<20	0.11	<10	<10	44	<10	44
N974067	1.62	782	<1	2.07	110	810	<2	0.09	<5	3	500	<20	0.12	<10	<10	45	<10	47
N974068	1.61	736	<1	1.87	106	820	<2	0.05	<5	3	387	<20	0.12	<10	<10	45	<10	49
N974069	1.97	919	<1	1.59	105	1070	<2	0.21	<5	6	679	<20	0.16	<10	<10	78	<10	55
N974070	2.10	996	1	0.65	103	1400	<2	0.38	<5	7	569	<20	0.20	<10	<10	101	<10	58
N974071	2.50	1110	<1	0.67	153	1350	2	0.21	<5	7	473	<20	0.19	<10	<10	97	<10	65
N974072	2.87	1160	1	1.70	226	1350	6	0.30	<5	7	451	<20	0.21	<10	<10	105	<10	81
N974073	2.69	1090	<1	2.12	150	1420	3	0.39	<5	11	500	<20	0.24	<10	<10	134	<10	67
N974075	4.06	1440	<1	1.94	49	1380	5	0.24	<5	32	801	<20	0.40	<10	<10	242	<10	98
N974076	1.82	1585	2	0.95	8	1350	3	0.09	<5	20	590	<20	0.51	<10	<10	143	<10	114
N974077	1.61	1470	1	0.97	8	1300	12	0.09	<5	19	498	<20	0.50	<10	<10	129	<10	109
N974078	1.19	1110	1	0.51	5	1070	5	0.06	<5	16	678	<20	0.40	<10	<10	114	<10	78
N974080	1.69	1475	1	1.04	11	1150	8	0.07	<5	21	661	<20	0.48	<10	<10	141	<10	100
N974081	1.61	1605	1	0.76	9	1280	6	0.08	<5	20	399	<20	0.44	<10	<10	132	<10	92
N974082	2.05	1570	1	0.88	25	1140	10	0.83	<5	22	476	<20	0.44	<10	<10	193	10	119

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974083	4.27	1255	<1	1.23	73	1090	10	0.20	<5	37	713	<20	0.34	<10	<10	253	10	70
N974084	2.34	1140	2	1.20	32	1160	5	1.30	<5	22	404	<20	0.47	<10	<10	212	10	90
N974085	2.00	1525	1	2.06	25	890	10	0.46	<5	21	382	<20	0.43	<10	<10	188	20	88
N974087	2.24	1230	1	2.06	31	760	3	0.27	<5	22	348	<20	0.44	<10	<10	202	30	107
N974088	2.78	1265	<1	1.41	26	560	8	0.07	<5	22	339	<20	0.46	<10	<10	246	20	86
N974089	2.12	1085	1	0.86	21	520	2	0.07	<5	20	377	<20	0.36	<10	<10	202	10	70
N974090	2.16	1075	1	1.16	22	460	5	0.11	<5	23	415	<20	0.37	<10	<10	209	10	64
N974091	3.07	1150	<1	1.36	38	660	9	0.07	<5	29	524	<20	0.38	10	<10	235	10	77
N974092	2.41	1045	1	0.84	22	490	7	0.05	<5	22	552	<20	0.38	10	<10	212	10	71
N974093	1.69	811	<1	3.57	18	800	8	0.11	<5	19	351	<20	0.38	<10	<10	188	10	74
N974094	1.98	982	1	0.64	27	530	15	0.42	<5	21	333	<20	0.35	<10	<10	233	10	120
N974096	2.75	1150	<1	1.36	39	720	15	0.41	<5	24	440	<20	0.29	<10	<10	188	10	61
N974097	1.95	1355	<1	0.69	20	970	6	0.55	<5	19	456	<20	0.34	<10	<10	140	10	70
N974098	1.88	1055	<1	0.84	24	790	7	0.18	<5	18	469	<20	0.27	<10	<10	142	<10	93
N974099	1.03	1035	<1	0.81	12	780	5	0.21	<5	14	362	<20	0.33	<10	<10	90	10	83
N974100	0.68	975	1	0.66	3	660	9	0.29	<5	11	484	<20	0.30	<10	<10	46	10	64
N974101	0.71	992	<1	0.59	4	720	8	0.42	<5	11	514	<20	0.28	<10	<10	40	10	74
N974103	0.74	1050	1	0.85	4	760	14	0.89	<5	13	377	<20	0.30	<10	<10	49	10	86
N974104	1.09	729	6	0.15	26	730	26	1.55	<5	14	259	<20	0.26	<10	<10	220	10	90
N974105	2.33	1165	2	0.32	40	980	7	0.83	<5	25	369	<20	0.27	10	<10	204	10	82
N974107	2.04	1105	<1	2.23	32	970	9	0.16	<5	22	383	<20	0.30	<10	<10	173	10	86
N974108	1.91	1415	<1	2.51	29	860	6	0.34	<5	22	325	<20	0.30	<10	<10	205	10	81
N974109	1.76	1225	<1	1.24	27	560	12	0.45	<5	18	355	<20	0.25	<10	<10	145	10	62
N974110	1.65	1285	1	2.54	29	1010	9	0.71	<5	20	365	<20	0.36	<10	<10	167	10	63
N974111	1.49	1125	<1	1.77	29	610	76	0.73	<5	20	318	<20	0.30	<10	<10	165	10	65
N974112	1.43	918	<1	3.11	24	740	11	0.46	<5	18	330	<20	0.31	<10	<10	141	10	72
N974113	2.15	872	2	1.10	23	820	9	0.89	<5	23	321	<20	0.33	<10	<10	207	10	78
N974114	2.98	1125	<1	1.70	29	450	5	0.13	<5	25	341	<20	0.27	10	<10	218	10	69
N974116	3.24	1195	<1	1.86	30	680	5	0.09	<5	26	399	<20	0.26	<10	<10	220	10	69
N974117	3.06	1275	<1	1.58	31	400	5	0.16	<5	25	423	<20	0.24	<10	<10	220	<10	72
N974118	2.70	1060	<1	1.31	89	620	4	0.22	<5	16	438	<20	0.23	<10	<10	158	10	74

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974119	2.97	1155	<1	1.26	81	850	7	0.16	<5	24	390	<20	0.32	<10	<10	210	10	75
N974120	3.39	1145	<1	1.73	45	610	4	0.04	<5	26	351	<20	0.41	<10	<10	228	10	74
N974122	2.68	1040	<1	1.42	37	640	9	0.06	<5	25	422	<20	0.45	<10	<10	230	10	70
N974123	2.31	1695	<1	0.28	8	420	3	0.01	<5	13	137	<20	0.14	<10	<10	27	10	93
N974124	1.81	1560	<1	0.40	8	1080	5	0.01	<5	15	152	<20	0.17	<10	<10	28	<10	65
N974125	1.88	1480	1	0.43	9	500	5	0.01	<5	14	184	<20	0.19	<10	<10	27	<10	72
N974126	4.35	2350	<1	1.01	149	1160	5	0.04	<5	12	529	<20	0.18	<10	<10	81	<10	133
N974127	2.09	1505	1	0.58	6	360	6	0.01	<5	12	185	<20	0.16	<10	<10	29	<10	92
N974129	1.90	1670	<1	0.41	7	490	6	0.01	<5	14	141	<20	0.16	10	<10	26	<10	61
N974130	1.87	2080	<1	0.23	61	1140	6	0.38	<5	8	278	<20	0.14	<10	<10	72	10	74
N974131	1.54	1850	<1	0.20	26	350	4	0.03	<5	15	154	<20	0.17	<10	<10	34	<10	75
N974132	1.20	2070	1	0.16	62	290	4	0.15	<5	12	101	<20	0.14	<10	<10	55	<10	73
N974133	1.25	2040	1	0.12	54	280	3	0.25	<5	11	146	<20	0.12	<10	<10	68	10	77
N974134	1.29	2140	1	0.11	39	420	9	0.38	<5	10	141	<20	0.14	<10	<10	64	<10	72
N974135	1.15	1800	1	0.10	26	370	7	0.46	<5	8	111	<20	0.13	<10	<10	44	<10	43
N974137	1.45	1835	2	0.16	18	370	11	0.39	<5	8	157	<20	0.14	10	<10	59	<10	82
N974138	1.32	1500	4	0.17	41	380	13	1.29	<5	11	170	<20	0.14	<10	<10	82	<10	42
N974140	1.02	1155	1	1.40	14	980	5	0.93	<5	5	257	<20	0.13	<10	<10	74	<10	43
N974141	1.34	1405	5	0.21	37	410	4	0.62	<5	12	167	<20	0.17	<10	<10	57	<10	59
N974142	1.23	1365	<1	0.90	17	1040	2	0.67	<5	6	283	<20	0.15	<10	<10	85	10	71
N974143	2.16	1770	1	0.20	26	1100	13	0.62	<5	19	333	<20	0.22	<10	<10	161	10	70
N974144	1.43	1660	4	0.09	42	340	12	0.19	<5	11	158	<20	0.16	<10	<10	89	10	87
N974145	1.31	2090	1	0.08	50	330	8	0.42	<5	12	146	<20	0.17	<10	<10	65	<10	78
N974146	1.12	1795	<1	0.07	61	410	7	0.65	<5	11	218	<20	0.14	<10	<10	60	10	84
N974148	1.03	1200	<1	0.35	18	1040	3	0.62	<5	6	316	<20	0.14	<10	<10	85	<10	63
N974149	1.12	1925	1	0.07	65	390	14	0.63	<5	12	220	<20	0.16	<10	<10	97	10	70
N974150	0.99	1495	<1	0.09	50	640	5	0.49	<5	10	180	<20	0.15	<10	<10	79	<10	44
N974151	0.99	1785	<1	0.08	49	490	10	0.07	<5	10	124	<20	0.12	<10	<10	69	<10	66
N974152	1.04	1775	1	0.06	54	290	6	0.05	<5	10	94	<20	0.12	<10	<10	50	<10	84
N974153	1.32	2460	<1	0.08	60	330	10	0.41	<5	12	137	<20	0.18	<10	<10	119	10	107
N974154	0.99	2300	1	0.07	62	310	13	0.37	<5	11	126	<20	0.13	<10	<10	80	<10	53

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974155	1.15	2270	<1	0.06	44	290	14	0.36	<5	10	163	<20	0.12	<10	<10	61	<10	63
N974157	2.51	1950	<1	0.15	102	1130	9	0.64	<5	14	376	<20	0.19	<10	<10	149	10	58
N974158	3.39	1725	<1	0.18	144	1100	8	0.20	<5	16	412	<20	0.21	<10	<10	154	10	81
N974159	2.11	1580	<1	0.33	67	1280	11	0.74	<5	14	350	<20	0.18	<10	<10	161	10	64
N974160	2.24	1810	1	0.33	62	1170	17	0.53	<5	14	396	<20	0.20	<10	<10	153	<10	61
N974162	2.04	1640	<1	0.13	11	530	<2	0.01	<5	12	188	<20	0.17	<10	<10	25	10	78
N974163	1.68	1230	1	0.11	12	460	5	0.05	<5	14	191	<20	0.20	<10	<10	33	10	63
N974164	1.24	1030	1	0.41	16	890	13	0.75	<5	7	250	<20	0.15	<10	<10	72	<10	153
N974165	2.42	1760	1	0.12	59	970	9	0.60	<5	18	389	<20	0.22	<10	<10	153	10	63
N974166	2.27	1505	1	0.56	107	920	2	0.37	<5	9	365	<20	0.16	<10	<10	96	<10	56
N974168	2.11	1350	1	0.17	30	740	<2	0.07	<5	10	235	<20	0.17	<10	<10	73	<10	80
N974169	2.04	1530	2	0.17	31	990	6	0.18	<5	12	291	<20	0.24	<10	<10	78	10	53
N974170	2.27	1665	1	0.35	95	1080	5	0.30	<5	12	384	<20	0.17	<10	<10	118	10	66
N974171	1.34	1150	2	0.07	14	650	2	0.22	<5	6	245	<20	0.12	<10	<10	39	10	37
N974172	1.27	1265	<1	0.61	21	930	7	0.68	<5	7	308	<20	0.18	<10	<10	84	<10	37
N974173	1.89	1485	1	0.57	17	980	20	0.33	<5	11	261	<20	0.25	<10	<10	82	10	253
N974174	4.68	2010	1	0.12	409	790	38	0.22	<5	18	388	<20	0.17	<10	<10	147	10	90
N974175	1.94	1155	1	0.06	45	450	27	0.61	<5	13	230	<20	0.20	10	<10	77	10	67
N974176	1.34	1620	4	0.74	30	930	9	1.13	<5	8	311	<20	0.15	<10	<10	102	10	74
N974177	1.15	1935	5	0.30	40	570	28	2.36	<5	10	216	<20	0.14	<10	<10	84	10	78
N974178	1.30	1845	1	0.77	24	1010	13	1.71	<5	7	280	<20	0.14	<10	<10	98	<10	74
N974180	1.47	2210	9	0.39	43	880	93	2.67	<5	10	293	<20	0.14	10	<10	129	<10	119
N974181	1.41	2170	14	0.17	44	940	83	2.97	<5	11	259	<20	0.16	10	<10	194	<10	113
N974182	1.24	3490	6	0.15	37	470	62	1.67	<5	9	206	<20	0.12	<10	<10	50	<10	70
N974183	0.87	2270	11	0.11	45	570	72	2.80	<5	8	188	<20	0.10	<10	<10	86	<10	173
N974184	1.70	2360	58	0.13	52	730	35	2.74	<5	17	236	<20	0.23	<10	<10	125	<10	118
N974185	1.09	1835	219	0.06	36	520	27	2.19	<5	10	254	<20	0.16	<10	<10	100	10	39
N974187	1.15	1655	1	1.04	57	1150	6	0.79	<5	4	374	<20	0.13	<10	<10	58	<10	46
N974189	1.03	1450	<1	1.76	30	1240	27	0.60	<5	4	364	<20	0.14	<10	<10	59	<10	50
N974190	1.26	2610	1	0.06	36	260	5	0.46	<5	10	267	<20	0.14	<10	<10	70	10	49
N974191	1.39	4350	3	0.50	38	310	14	1.26	<5	11	379	<20	0.15	10	<10	102	10	59

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974192	1.43	4320	4	0.18	45	390	14	1.05	<5	11	341	<20	0.18	10	<10	141	<10	73
N974193	1.38	4340	4	0.07	37	460	10	1.08	<5	10	321	<20	0.17	<10	<10	102	10	67
N974195	0.98	2840	7	0.06	37	350	30	1.29	<5	8	258	<20	0.13	<10	<10	99	10	67
N974196	1.31	1625	22	0.11	66	1110	36	3.64	<5	11	238	<20	0.17	<10	<10	279	10	212
N974197	1.96	2020	4	0.45	42	700	38	1.93	7	13	335	<20	0.17	<10	<10	112	10	92
N974199	2.11	1875	2	0.73	16	460	4	0.32	<5	14	167	<20	0.20	<10	<10	48	10	104
N974200	2.06	1845	1	0.25	10	490	639	0.07	<5	14	185	<20	0.21	<10	<10	29	10	111
N974201	2.34	2080	2	0.19	8	620	5	0.15	<5	11	198	<20	0.17	<10	<10	29	10	69
N974203	1.93	1955	1	0.31	7	270	6	0.18	<5	12	144	<20	0.18	<10	<10	39	10	65
N974204	1.98	1915	1	0.70	23	840	4	0.13	<5	14	173	<20	0.21	<10	<10	45	10	62
N974205	1.48	2220	1	0.53	37	450	197	0.27	<5	7	253	<20	0.13	<10	<10	98	<10	161
N974206	1.30	2880	1	0.15	30	260	26	0.30	<5	8	180	<20	0.13	<10	<10	128	10	63
N974207	0.95	2870	1	0.18	31	190	102	0.46	<5	7	115	<20	0.11	<10	<10	62	<10	59
N974208	1.05	3240	1	0.29	35	260	27	0.47	<5	7	179	<20	0.11	<10	<10	62	<10	56
N974209	1.28	3600	1	0.09	33	200	584	0.57	5	8	262	<20	0.12	<10	<10	102	<10	73
N974210	0.77	2080	1	0.07	25	250	781	1.07	6	5	205	<20	0.07	<10	<10	37	<10	533
N974211	0.84	2060	<1	0.09	21	150	970	0.47	<5	5	127	<20	0.08	<10	<10	62	<10	64
N974212	1.47	2890	1	0.08	24	230	18	0.15	<5	10	185	<20	0.16	10	<10	105	10	40
N974213	1.58	3240	1	0.12	26	300	24	0.19	<5	9	159	<20	0.13	<10	<10	59	10	58
N974214	1.75	3440	1	0.09	32	330	169	0.34	<5	10	180	<20	0.16	<10	<10	65	10	87
N974216	1.57	3400	1	0.08	29	260	32	0.35	<5	8	129	<20	0.15	<10	<10	34	10	57
N974217	1.28	5160	26	0.06	51	610	37	1.54	5	9	159	<20	0.15	<10	<10	158	<10	124
N974219	1.50	1495	20	0.10	106	1020	28	2.58	6	9	281	<20	0.15	<10	<10	160	10	156
N974220	1.32	1315	1	0.20	46	1420	40	0.83	<5	5	308	<20	0.17	<10	<10	85	<10	83
N974221	1.33	1360	1	0.17	58	1390	1775	0.93	<5	5	334	<20	0.16	<10	<10	81	10	67
N974222	1.23	1730	8	0.12	52	950	10	1.17	<5	9	226	<20	0.16	<10	<10	137	<10	116
N974224	1.50	1460	10	0.28	66	1110	20	2.07	<5	9	298	<20	0.17	<10	<10	147	10	67
N974225	1.32	956	19	0.13	70	1070	25	2.75	8	9	219	<20	0.16	<10	10	206	10	110
N974226	1.38	913	11	0.22	34	730	23	1.72	<5	14	216	<20	0.21	<10	<10	176	10	124
N974227	4.48	1860	1	0.15	369	760	20	0.86	5	16	245	<20	0.17	<10	<10	135	10	81
N974228	2.21	1130	13	0.09	138	780	20	2.08	5	14	253	<20	0.17	<10	<10	183	10	135

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974229	1.58	1550	6	0.10	71	650	67	2.09	<5	14	276	<20	0.18	<10	<10	143	10	107
N974230	1.84	916	7	0.47	34	730	10	1.33	7	17	276	<20	0.24	<10	<10	188	10	117
N974231	1.15	710	10	0.64	34	560	8	1.37	<5	12	274	<20	0.16	<10	<10	146	<10	126
N974232	2.22	1440	4	0.93	23	610	4	1.67	6	22	339	<20	0.24	<10	<10	215	<10	112
N974233	2.74	1445	3	1.12	21	500	<2	0.92	<5	22	373	<20	0.23	<10	<10	200	10	120
N974235	2.95	1405	8	0.95	46	860	<2	1.20	5	23	270	<20	0.24	<10	<10	261	<10	181
N974236	4.63	1815	3	0.89	72	870	<2	1.03	<5	34	325	<20	0.18	<10	<10	222	<10	117
N974238	1.75	1020	16	0.46	44	680	4	0.92	5	16	155	<20	0.17	<10	<10	173	<10	77
N974239	2.50	1060	<1	0.92	26	540	<2	0.19	<5	21	210	<20	0.23	10	<10	154	<10	89
N974240	2.49	1515	1	1.22	32	740	2	0.08	<5	19	255	<20	0.21	<10	<10	144	<10	76
N974242	2.34	1310	<1	1.52	26	870	<2	0.39	<5	20	308	<20	0.26	<10	<10	159	<10	74
N974243	2.89	1230	<1	1.66	29	680	<2	0.29	<5	26	443	<20	0.30	<10	<10	214	10	93
N974244	2.48	1035	1	1.18	24	560	<2	0.23	<5	24	317	<20	0.26	10	<10	191	<10	128
N974245	2.00	992	10	1.44	29	620	2	1.58	5	21	419	<20	0.23	<10	<10	279	<10	231
N974246	1.00	552	14	0.58	31	540	2	0.77	<5	11	149	<20	0.16	<10	<10	617	<10	726
N974247	1.63	694	11	1.27	19	490	2	0.81	5	19	246	<20	0.23	<10	<10	184	<10	121
N974248	1.30	714	49	1.52	49	500	6	1.59	<5	19	178	<20	0.23	10	<10	370	<10	284
N974249	1.36	797	16	1.51	44	1290	4	2.54	<5	18	203	<20	0.21	<10	<10	288	<10	289
N974250	2.46	1330	<1	1.75	20	790	<2	0.31	<5	22	384	<20	0.28	<10	<10	212	<10	121
N974251	0.99	1280	1	1.36	17	610	2	0.36	<5	16	162	<20	0.27	<10	<10	132	<10	61
N974252	1.42	850	1	2.48	9	650	2	0.17	<5	16	227	<20	0.31	<10	<10	128	<10	92
N974253	0.99	616	<1	1.81	9	520	<2	0.16	<5	12	226	<20	0.26	<10	<10	85	<10	56
N974254	2.73	998	<1	1.27	133	1590	<2	0.13	<5	10	277	<20	0.23	<10	<10	134	<10	75
N974255	2.45	929	1	1.53	117	1680	5	0.29	<5	10	238	<20	0.24	<10	<10	137	<10	73
N974256	1.18	692	1	1.78	12	580	<2	0.20	<5	12	217	<20	0.29	<10	<10	94	10	66
N974257	1.24	692	2	2.84	7	670	2	0.12	<5	14	193	<20	0.33	<10	<10	103	<10	65
N974258	1.35	727	26	0.13	60	1020	29	3.46	10	12	190	<20	0.14	<10	<10	281	10	249
N974259	1.22	671	27	0.13	58	950	28	3.24	10	11	168	<20	0.13	10	<10	276	10	212
N974261	1.14	687	27	0.12	64	980	34	3.56	12	11	181	<20	0.13	<10	<10	287	<10	247
N974262	1.54	849	23	0.24	54	1000	20	2.75	10	14	212	<20	0.15	<10	10	275	<10	213
N974263	1.94	1085	9	0.24	42	880	13	2.00	14	17	256	<20	0.21	<10	10	239	10	172

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974265	1.48	673	19	0.13	83	1230	54	3.83	15	12	178	<20	0.14	<10	<10	307	10	314
N974266	1.21	642	24	0.12	64	1230	36	3.11	13	10	147	<20	0.14	<10	<10	295	10	318
N974268	1.83	1005	12	0.28	38	830	11	2.64	7	17	238	<20	0.19	<10	<10	217	<10	125
N974269	1.73	985	11	0.47	40	860	9	2.79	<5	19	245	<20	0.22	<10	<10	253	10	136
N974270	1.80	953	<1	1.73	103	960	<2	0.43	<5	7	331	<20	0.14	<10	<10	92	<10	65
N974271	1.78	922	1	2.22	90	1000	<2	0.41	<5	7	365	<20	0.14	<10	<10	96	<10	64
N974272	1.16	650	22	0.13	75	1630	19	3.00	9	9	152	<20	0.17	<10	10	359	10	360
N974273	1.03	630	10	0.16	36	890	13	1.50	5	7	121	<20	0.13	<10	<10	206	<10	206
N974274	1.82	1380	13	0.62	26	740	8	2.32	5	18	236	<20	0.24	<10	<10	227	10	155
N974276	1.91	1160	18	0.26	45	990	19	2.93	6	16	218	<20	0.20	<10	<10	230	10	141
N974277	1.90	1060	12	0.22	33	640	16	3.69	7	18	226	<20	0.17	<10	<10	197	10	72
N974278	1.84	1050	22	0.22	44	950	15	2.97	7	17	238	<20	0.19	<10	<10	230	10	116
N974279	1.94	1100	9	0.52	27	740	9	2.02	<5	16	232	<20	0.22	<10	<10	195	10	136
N974280	1.50	885	57	0.40	50	1050	19	2.49	8	12	177	<20	0.17	<10	10	243	10	148
N974281	1.49	833	28	0.22	56	890	24	2.61	11	11	162	<20	0.17	<10	<10	252	<10	253
N974283	1.61	744	12	0.26	43	670	15	2.59	7	13	188	<20	0.18	<10	<10	209	<10	151
N974284	2.95	866	2	0.61	20	540	4	1.03	<5	24	208	<20	0.21	<10	<10	211	10	197
N974285	2.58	1085	5	0.37	22	610	4	1.32	<5	19	281	<20	0.18	<10	<10	188	<10	101
N974287	2.57	1150	6	0.98	22	520	2	1.37	<5	20	294	<20	0.18	<10	<10	186	10	102
N974288	2.72	930	2	1.68	17	510	<2	0.59	<5	21	269	<20	0.18	<10	<10	182	<10	170
N974289	2.64	873	2	1.58	20	510	3	0.81	<5	24	277	<20	0.22	<10	<10	218	<10	159
N974290	2.59	806	2	1.04	17	540	3	0.55	<5	22	279	<20	0.21	10	<10	186	<10	180
N974291	2.72	984	4	1.25	18	600	5	1.05	<5	23	344	<20	0.24	<10	<10	201	<10	157
N974292	2.49	979	6	1.09	22	620	6	1.43	5	23	360	<20	0.22	<10	<10	226	<10	131
N974293	3.31	933	3	1.35	19	710	6	0.92	<5	24	319	<20	0.21	<10	<10	210	<10	172
N974295	2.35	799	8	0.96	28	700	8	1.65	<5	21	288	<20	0.26	<10	<10	244	<10	147
N974296	1.76	757	15	0.96	37	910	10	2.05	<5	14	272	<20	0.19	<10	<10	202	10	142
N974297	2.40	1130	5	1.47	35	680	7	1.92	<5	22	366	<20	0.18	<10	<10	186	<10	118
N974298	2.57	968	2	1.91	16	690	9	0.94	6	24	345	<20	0.20	<10	<10	208	<10	135
N974299	1.98	1105	15	1.18	43	810	21	2.84	<5	18	357	<20	0.17	<10	<10	234	<10	64
N974300	1.78	1005	23	0.94	50	870	28	3.63	8	18	310	<20	0.16	10	<10	258	10	73

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974301	2.14	1145	12	0.85	31	740	15	2.60	9	16	364	<20	0.16	<10	<10	211	<10	83
N974302	2.15	1145	7	1.34	26	670	9	2.39	8	21	366	<20	0.18	<10	<10	221	10	158
N974303	1.55	900	17	0.58	38	760	15	2.42	10	12	240	<20	0.14	<10	<10	200	<10	117
N974305	1.64	1030	13	0.86	33	870	12	2.96	<5	17	291	<20	0.17	<10	<10	215	10	118
N974306	1.82	1205	15	1.29	41	840	14	3.70	6	18	321	<20	0.18	<10	<10	229	10	132
N974308	1.73	1080	13	0.78	36	1290	15	2.81	<5	16	306	<20	0.19	<10	<10	258	10	159
N974309	1.33	844	14	0.34	40	970	16	2.09	9	9	204	<20	0.17	10	10	281	<10	221
N974310	1.52	1055	27	0.36	48	1140	25	2.69	12	9	222	<20	0.17	<10	10	286	<10	245
N974311	1.29	819	33	0.31	56	1480	27	3.21	12	10	187	<20	0.15	<10	10	377	<10	383
N974312	1.46	986	25	0.33	53	1860	22	2.60	10	9	211	<20	0.15	<10	10	320	<10	424
N974313	1.49	849	26	0.33	56	1140	24	2.83	9	10	202	<20	0.17	<10	10	330	<10	264
N974314	1.57	767	38	0.34	48	1110	12	2.72	6	10	215	<20	0.16	<10	10	263	<10	240
N974315	1.62	792	<1	1.17	95	1100	2	0.39	5	4	668	<20	0.13	<10	<10	61	<10	54
N974317	3.17	1115	6	1.11	51	1070	5	0.69	<5	26	498	<20	0.29	<10	<10	236	<10	173
N974318	1.42	464	31	0.47	60	1280	8	3.61	<5	12	251	<20	0.17	<10	<10	264	<10	226
N974319	1.35	449	21	0.48	58	2140	3	2.02	<5	12	267	<20	0.24	10	10	340	40	302
N974320	3.15	883	6	0.90	52	1020	3	1.15	<5	28	404	<20	0.29	10	<10	276	10	189
N974321	5.11	1225	1	1.07	154	1010	<2	0.30	<5	26	485	<20	0.30	<10	<10	194	10	125
N974322	6.73	1205	<1	0.78	311	660	2	0.05	5	26	339	<20	0.17	10	<10	165	<10	130
N974323	2.80	1445	3	0.92	27	650	3	1.55	<5	25	418	<20	0.31	<10	<10	220	10	157
N974325	1.84	915	13	0.46	33	860	5	2.09	<5	17	254	<20	0.20	<10	<10	251	10	150
N974326	1.21	578	27	0.31	65	2080	18	2.79	<5	10	167	<20	0.19	<10	10	330	<10	252
N974327	2.43	1300	4	0.71	21	740	4	1.61	5	21	384	<20	0.26	<10	<10	231	<10	193
N974329	2.76	1460	5	0.94	88	650	3	2.09	<5	22	445	<20	0.25	<10	<10	190	<10	100
N974330	2.70	915	13	1.07	104	660	<2	3.21	6	18	485	<20	0.24	<10	<10	177	<10	84
N974331	5.77	1270	3	1.28	235	1110	4	0.43	12	29	387	<20	0.28	<10	<10	239	<10	120
N974332	5.31	1275	6	1.05	213	980	<2	0.15	<5	24	469	<20	0.25	10	<10	212	<10	111
N974333	1.50	662	28	0.38	74	1240	8	3.60	<5	14	180	<20	0.18	<10	10	280	<10	53
N974334	1.38	637	10	0.58	38	860	7	3.72	<5	21	222	<20	0.18	<10	10	288	<10	131
N974336	1.54	733	30	0.36	67	1270	8	4.05	6	14	196	<20	0.18	<10	10	267	<10	52
N974337	2.06	1110	17	0.57	45	970	9	2.35	6	18	262	<20	0.23	<10	10	253	<10	142

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974338	1.29	904	26	0.45	68	1570	20	3.42	11	12	170	<20	0.18	<10	10	340	<10	253
N974339	1.40	878	24	0.46	50	1440	15	2.72	6	12	185	<20	0.16	<10	10	279	<10	187
N974341	2.35	1295	10	1.15	34	940	7	1.91	<5	22	364	<20	0.25	<10	10	258	<10	180
N974342	2.88	1525	1	1.46	16	540	2	0.37	5	25	407	<20	0.28	<10	<10	226	<10	112
N974343	2.99	1110	2	1.76	20	610	5	0.11	<5	26	307	<20	0.24	10	<10	235	<10	173
N974344	2.76	1445	2	1.67	19	610	8	0.63	<5	26	335	<20	0.25	<10	<10	239	<10	123
N974346	2.30	1490	6	1.30	23	760	<2	0.58	5	25	343	<20	0.21	<10	<10	259	<10	130
N974347	2.68	1615	1	1.81	23	1330	7	2.12	<5	25	489	<20	0.23	<10	<10	252	<10	180
N974348	2.04	1485	17	1.09	66	1300	8	2.74	5	15	340	<20	0.21	10	<10	266	<10	168
N974349	2.63	1225	<1	1.75	125	1180	4	0.39	<5	14	446	<20	0.20	<10	<10	151	<10	85
N974350	2.64	1290	1	1.74	95	1210	8	0.33	<5	16	467	<20	0.26	<10	<10	172	<10	92
N974351	2.43	1140	1	1.34	186	1220	<2	0.76	8	14	404	<20	0.20	<10	<10	158	<10	141
N974353	2.08	1025	16	0.72	91	1270	13	2.50	11	15	294	<20	0.21	<10	<10	254	<10	167
N974354	1.95	1235	14	0.81	81	1170	12	2.73	6	12	280	<20	0.19	<10	<10	238	<10	148
N974356	1.45	1020	33	0.24	82	1670	34	3.96	11	11	168	<20	0.15	<10	<10	355	<10	293
N974357	1.26	877	30	0.22	77	1700	39	3.92	14	11	135	<20	0.14	<10	10	341	<10	301
N974359	1.23	876	32	0.24	72	1350	38	3.66	15	11	144	<20	0.16	<10	10	340	<10	356
N974360	1.22	899	27	0.23	69	1800	34	3.73	17	11	160	<20	0.17	<10	<10	348	<10	339
SMG QC/QA																		
Field Blanks																		
N974066	5.79	943	1	1.31	465	780	3	0.02	<5	15	226	<20	0.55	<10	<10	135	<10	79
N974079	5.59	883	1	1.30	451	750	2	0.03	<5	15	223	<20	0.54	<10	<10	132	<10	75
N974106	5.39	891	1	1.30	436	750	3	0.04	<5	15	227	<20	0.54	<10	<10	135	<10	78
N974121	5.54	922	1	1.29	452	850	3	0.03	<5	15	226	<20	0.55	10	<10	132	<10	81
N974136	5.63	971	1	1.33	463	800	<2	0.03	<5	16	228	<20	0.58	<10	<10	136	<10	79
N974161	5.39	944	2	1.36	430	750	4	0.03	<5	15	231	<20	0.54	<10	<10	133	<10	78
N974186	5.22	919	2	1.28	413	760	5	0.03	<5	15	217	<20	0.53	<10	<10	131	<10	75
N974198	5.73	1010	2	1.42	446	790	<2	0.03	<5	16	243	<20	0.58	<10	<10	143	<10	84
N974218	5.33	860	1	1.29	420	730	3	0.03	<5	15	213	<20	0.51	<10	<10	128	<10	75

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974241	5.53	943	2	1.34	431	800	<2	0.03	<5	16	228	<20	0.56	<10	<10	137	<10	75
N974260	5.38	900	1	1.29	419	720	<2	0.05	<5	15	238	<20	0.52	<10	<10	132	<10	74
N974282	5.08	881	2	1.37	410	760	<2	0.05	<5	15	219	<20	0.55	<10	<10	133	<10	74
N974294	5.00	863	1	1.28	385	720	6	0.03	<5	15	217	<20	0.51	<10	<10	129	<10	70
N974316	5.71	939	1	1.35	430	780	2	0.03	<5	16	240	<20	0.58	10	<10	144	<10	79
N974335	5.93	978	2	1.40	454	770	2	0.03	<5	16	242	<20	0.57	<10	<10	144	<10	80
N974355	5.40	957	2	1.44	408	810	5	0.04	<5	16	237	<20	0.58	<10	<10	147	<10	78
Field Duplicates																		
N974054	1.21	1445	2	0.80	6	3880	7	0.21	<5	16	362	<20	0.36	<10	<10	103	<10	78
N974055	1.34	1570	2	0.79	6	2320	2	0.15	<5	16	374	<20	0.38	<10	<10	108	<10	88
N974094	1.98	982	1	0.64	27	530	15	0.42	<5	21	333	<20	0.35	<10	<10	233	10	120
N974095	2.00	981	2	0.69	25	550	10	0.37	<5	20	337	<20	0.34	<10	<10	218	10	93
N974138	1.32	1500	4	0.17	41	380	13	1.29	<5	11	170	<20	0.14	<10	<10	82	<10	42
N974139	1.32	1530	4	0.16	30	330	4	0.73	<5	10	174	<20	0.13	<10	<10	72	10	38
N974178	1.30	1845	1	0.77	24	1010	13	1.71	<5	7	280	<20	0.14	<10	<10	98	<10	74
N974179	1.34	1860	1	0.84	24	1050	94	1.72	<5	7	284	<20	0.15	<10	<10	96	<10	100
N974214	1.75	3440	1	0.09	32	330	169	0.34	<5	10	180	<20	0.16	<10	<10	65	10	87
N974215	1.79	3480	1	0.09	32	310	130	0.34	<5	9	162	<20	0.15	<10	<10	62	10	84
N974263	1.94	1085	9	0.24	42	880	13	2.00	14	17	256	<20	0.21	<10	10	239	10	172
N974264	1.98	1115	10	0.24	45	850	13	2.06	14	18	262	<20	0.21	<10	10	246	10	185
N974303	1.55	900	17	0.58	38	760	15	2.42	10	12	240	<20	0.14	<10	<10	200	<10	117
N974304	1.61	932	19	0.59	40	880	16	2.72	7	12	249	<20	0.13	<10	<10	202	10	122
N974339	1.40	878	24	0.46	50	1440	15	2.72	6	12	185	<20	0.16	<10	10	279	<10	187
N974340	1.35	832	23	0.45	46	1240	16	2.57	6	11	178	<20	0.16	<10	10	268	<10	182
Prep Duplicates																		

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974073	2.69	1090	<1	2.12	150	1420	3	0.39	<5	11	500	<20	0.24	<10	<10	134	<10	67
N974074	2.80	1130	<1	2.16	159	1420	4	0.41	<5	12	526	<20	0.25	<10	<10	137	<10	72
N974114	2.98	1125	<1	1.70	29	450	5	0.13	<5	25	341	<20	0.27	10	<10	218	10	69
N974115	3.17	1210	1	1.84	32	480	5	0.13	<5	25	367	<20	0.28	10	<10	231	10	73
N974166	2.27	1505	1	0.56	107	920	2	0.37	<5	9	365	<20	0.16	<10	<10	96	<10	56
N974167	2.27	1540	<1	0.57	109	930	<2	0.35	<5	9	369	<20	0.16	<10	<10	99	10	58
N974193	1.38	4340	4	0.07	37	460	10	1.08	<5	10	321	<20	0.17	<10	<10	102	10	67
N974194	1.37	4310	4	0.07	36	440	7	1.01	<5	10	320	<20	0.17	<10	<10	103	10	70
N974233	2.74	1445	3	1.12	21	500	<2	0.92	<5	22	373	<20	0.23	<10	<10	200	10	120
N974234	2.77	1450	3	1.10	18	510	<2	0.77	<5	22	365	<20	0.22	10	<10	190	10	128
N974274	1.82	1380	13	0.62	26	740	8	2.32	5	18	236	<20	0.24	<10	<10	227	10	155
N974275	1.79	1370	12	0.60	28	730	8	2.34	<5	18	235	<20	0.24	<10	<10	223	10	161
N974327	2.43	1300	4	0.71	21	740	4	1.61	5	21	384	<20	0.26	<10	<10	231	<10	193
N974328	2.47	1310	4	0.72	23	730	7	1.61	<5	22	392	<20	0.26	<10	<10	231	10	199
N974351	2.43	1140	1	1.34	186	1220	<2	0.76	8	14	404	<20	0.20	<10	<10	158	<10	141
N974352	2.33	1120	2	1.30	195	1140	4	0.80	<5	13	392	<20	0.20	<10	<10	154	<10	130
Standards																		
GS1P5K																		
N974086	1.17	727	14	2.13	45	630	12	0.12	<5	13	289	<20	0.32	<10	<10	110	10	69
N974128	1.22	757	14	2.19	46	650	11	0.13	<5	14	296	<20	0.33	<10	<10	113	<10	72
N974188	1.18	743	16	2.12	44	660	10	0.12	<5	13	287	<20	0.32	<10	<10	110	10	70
N974237	1.23	776	15	2.25	44	690	8	0.13	<5	14	303	<20	0.33	<10	<10	115	10	72
N974307	1.21	748	14	2.19	45	660	15	0.13	<5	14	295	<20	0.33	<10	<10	115	10	75
N974358	1.27	799	16	2.31	48	670	13	0.14	6	14	307	<20	0.35	<10	<10	122	10	74

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
GS3L																		
N974102	1.34	795	7	2.22	34	640	18	0.06	<5	15	322	<20	0.33	<10	<10	129	10	76
N974156	1.33	841	7	2.32	33	720	13	0.06	<5	15	332	<20	0.35	<10	<10	133	10	79
N974223	1.35	810	7	2.33	35	660	15	0.06	<5	15	331	<20	0.34	<10	<10	133	20	78
N974286	1.31	780	8	2.32	35	640	16	0.06	6	15	331	<20	0.33	<10	<10	127	10	76
N974345	1.42	863	8	2.39	35	690	19	0.06	7	16	338	<20	0.36	<10	<10	141	10	81
Oreas 901																		
N974059	0.6	301	3	0.04	42	660	18	0.04	<5	14	34	20	0.27	<10	<10	85	<10	25
N974147	0.60	313	3	0.05	42	720	16	0.04	<5	15	36	20	0.28	<10	10	87	<10	25
N974202	0.57	283	4	0.04	40	620	17	0.04	5	14	34	20	0.27	<10	<10	81	<10	24
N974267	0.56	276	4	0.04	43	620	19	0.04	<5	14	34	<20	0.25	<10	<10	79	<10	27
N974324	0.58	284	3	0.05	39	630	16	0.04	<5	14	36	20	0.28	<10	10	84	<10	24

ALS QC/QA

Pulp Duplicates

N974063																		
N974063-DUP																		
N974067																		
N974067-DUP																		
N974085																		
N974085-DUP																		
N974086	1.17	727	14	2.13	45	630	12	0.12	<5	13	289	<20	0.32	<10	<10	110	10	69
N974086-DUP	1.21	747	16	2.19	45	650	12	0.13	<5	14	295	<20	0.33	<10	<10	112	10	71
N974089																		
N974089-DUP																		
N974097																		

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974097-DUP																		
N974108																		
N974108-DUP																		
N974114																		
N974114-DUP																		
N974122	2.68	1040	<1	1.42	37	640	9	0.06	<5	25	422	<20	0.45	<10	<10	230	10	70
N974122-DUP	2.75	1065	1	1.47	37	660	6	0.06	<5	26	440	<20	0.46	<10	<10	237	10	73
N974063																		
N974063-DUP																		
N974067																		
N974067-DUP																		
N974085																		
N974085-DUP																		
N974086	1.17	727	14	2.13	45	630	12	0.12	<5	13	289	<20	0.32	<10	<10	110	10	69
N974086-DUP	1.21	747	16	2.19	45	650	12	0.13	<5	14	295	<20	0.33	<10	<10	112	10	71
N974089																		
N974089-DUP																		
N974097																		
N974097-DUP																		
N974108																		
N974108-DUP																		
N974114																		
N974114-DUP																		
N974122	2.68	1040	<1	1.42	37	640	9	0.06	<5	25	422	<20	0.45	<10	<10	230	10	70
N974122-DUP	2.75	1065	1	1.47	37	660	6	0.06	<5	26	440	<20	0.46	<10	<10	237	10	73

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974133	1.25	2040	1	0.12	54	280	3	0.25	<5	11	146	<20	0.12	<10	<10	68	10	77
N974133-DUP	1.25	2030	<1	0.11	55	280	7	0.25	<5	10	145	<20	0.12	<10	<10	66	10	72
N974140	2.49	1515	1	1.22	32	740	2	0.08	<5	19	255	<20	0.21	<10	<10	144	<10	76
N974140-DUP	2.58	1560	<1	1.28	33	770	4	0.09	<5	20	268	<20	0.21	<10	<10	147	<10	80
N974144																		
N974144-DUP																		
N974169	2.04	1530	2	0.17	31	990	6	0.18	<5	12	291	<20	0.24	<10	<10	78	10	53
N974169-DUP	2.03	1530	1	0.17	31	980	6	0.18	<5	12	289	<20	0.24	<10	<10	79	10	52
N974172																		
N974172-DUP																		
N974181																		
N974181-DUP																		
N974194																		
N974194-DUP																		
N974205																		
N974205-DUP																		
N974215																		
N974215-DUP																		
N974238																		
N974238-DUP																		
N974259																		
N974259-DUP																		
N974263																		
N974263-DUP																		

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
N974276	1.91	1160	18	0.26	45	990	19	2.93	6	16	218	<20	0.20	<10	<10	230	10	141
N974276-DUP	1.82	1085	18	0.26	45	950	16	2.83	8	15	219	<20	0.18	<10	<10	219	10	129
N974308																		
N974308-DUP																		
N974310																		
N974310-DUP																		
N974316	5.71	939	1	1.35	430	780	2	0.03	<5	16	240	<20	0.58	10	<10	144	<10	79
N974316-DUP	5.56	918	1	1.33	421	770	2	0.02	<5	16	236	<20	0.57	10	<10	139	<10	77
N974330																		
N974330-DUP																		
N974332																		
N974332-DUP																		
N974351	2.43	1140	1	1.34	186	1220	<2	0.76	8	14	404	<20	0.20	<10	<10	158	<10	141
N974351-DUP	2.43	1060	<1	1.25	180	1110	4	0.70	<5	14	381	<20	0.19	<10	<10	146	<10	131
N974354																		
N974354-DUP																		

Blanks

BLANK
BLANK
BLANK
BLANK
BLANK
BLANK
BLANK
BLANK
BLANK

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
BLANK																		
BLANK																		
BLANK																		
BLANK																		
BLANK																		
BLANK																		
BLANK																		
BLANK																		
BLANK																		
BLANK	<0.01	<5	<1	<0.01	1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	1	<10	2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	1	10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<0.01	<5	<1	<0.01	<1	<10	2	<0.01	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	<2

Standards

Target: 0.68 - 0.79

CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A
CDN-GS-P6A

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
Target 6.65 - 7.53																		
G913-10																		
G913-10																		
G913-10																		
G913-10																		
G913-10																		
G913-10																		
G913-10																		
G913-10																		
Target: 1.87 - 2.13																		
JK-17																		
JK-17																		
JK-17																		
JK-17																		
JK-17																		
JK-17																		
JK-17																		
JK-17																		
JK-17																		
Target: 14.20 - 16.05																		
OxP133																		
OxP133																		
OxP133																		
OxP133																		
OxP133																		
OxP133																		
OxP133																		
OxP133																		

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2
OxP133																		
OxP133																		
CDN-CM-34	3.70	461	301	0.76	261	1300	26	3.10	<5	16	233	<20	0.50	<10	<10	169	20	198
CDN-CM-34	3.70	462	307	0.76	262	1270	27	3.10	<5	16	231	<20	0.50	10	<10	169	30	200
CDN-CM-34	3.57	444	287	0.73	252	1270	25	2.99	7	16	223	<20	0.49	<10	<10	163	30	193
CDN-CM-34	3.85	473	309	0.79	263	1330	18	3.15	7	17	240	<20	0.52	<10	<10	173	30	205
CDN-CM-34	3.91	485	323	0.80	263	1310	29	3.25	11	17	240	<20	0.52	10	<10	178	30	206
CDN-CM-34	3.80	472	307	0.78	258	1300	25	3.20	9	17	236	<20	0.53	10	<10	173	20	204
MRGeo08	1.34	554	14	1.99	728	1050	1120	0.30	<5	11	314	20	0.50	<10	<10	111	<10	814
MRGeo08	1.37	573	15	2.07	739	1100	1140	0.32	6	11	322	20	0.51	<10	<10	112	<10	852
MRGeo08	1.29	570	14	2.03	731	1140	1105	0.32	5	11	316	<20	0.52	10	<10	111	<10	827
MRGeo08	1.30	546	15	2.01	714	1050	1090	0.31	5	11	311	20	0.49	<10	<10	109	<10	812
MRGeo08	1.37	573	15	2.07	739	1100	1140	0.32	6	11	322	20	0.51	<10	<10	112	<10	852
MRGeo08	1.33	561	14	2.07	712	1080	1120	0.32	10	11	322	20	0.51	10	<10	114	<10	831
OGGeo08	1.32	542	955	1.91	9470	920	7840	2.96	22	10	264	20	0.42	<10	<10	92	10	7480
OGGeo08	1.25	498	883	1.81	8970	840	7400	2.75	25	10	251	20	0.40	<10	<10	86	10	7040
OGGeo08	1.21	491	874	1.73	8610	850	7220	2.67	22	9	241	20	0.38	<10	<10	83	10	6820
OGGeo08	1.34	541	956	2.00	9560	950	7790	2.99	28	10	276	<20	0.43	<10	<10	94	<10	7550
OGGeo08	1.29	529	941	1.91	9150	900	7700	2.93	33	10	260	20	0.41	<10	<10	91	<10	7380
OGGeo08	1.32	538	953	1.94	9270	900	7820	2.95	29	10	263	20	0.42	<10	<10	93	<10	7480
OGGeo08	1.25	521	925	1.88	8980	880	7570	2.87	27	9	254	20	0.40	10	<10	90	10	7150
OREAS 602	0.19	230	5	0.44	62	570	1065	2.12	83	4	470	<20	0.22	10	<10	33	20	4180
OREAS 602	0.18	225	5	0.43	60	560	1030	2.08	85	4	457	<20	0.21	<10	<10	32	10	4120
OREAS 602	0.18	225	5	0.43	60	560	1030	2.08	85	4	457	<20	0.21	<10	<10	32	10	4120
OREAS 602	0.18	225	5	0.45	61	560	1020	2.10	80	4	474	<20	0.22	<10	<10	32	10	4120
OREAS 602	0.20	240	5	0.48	64	600	1075	2.22	88	4	489	<20	0.23	10	<10	35	<10	4310

SAMPLE ID	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2

Discovery Consultant
W.R. Gilmour, PGeo
November 7, 2018

APPENDIX II

Certificates of Analysis

Phoenix Zone

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 30-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185416

Project: 10008967-BPI

P.O. No.: 866-SMG-B28

This report is for 70 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

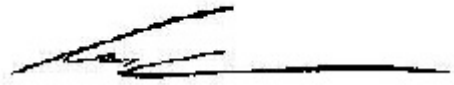
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 30-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185416

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974291		4.46	<0.5	7.78	44	1090	1.2	<2	4.13	0.9	19	35	51	4.95	10	1.56
N974292		5.03	<0.5	8.02	57	1340	1.3	2	4.50	0.9	16	35	75	4.94	20	1.87
N974293		5.73	<0.5	8.01	45	1220	1.1	<2	3.53	0.5	19	34	39	5.45	20	1.74
N974294		0.90	<0.5	4.24	<5	590	0.6	<2	3.93	<0.5	34	406	46	4.59	10	0.72
N974295		4.92	<0.5	7.94	58	1440	1.3	2	3.31	0.6	21	41	59	4.74	20	1.90
N974296		5.32	<0.5	5.13	103	520	0.9	<2	3.82	1.1	17	53	88	4.25	10	1.13
N974297		6.05	<0.5	6.37	151	800	0.9	<2	4.84	0.8	21	69	90	4.89	10	1.20
N974298		5.90	<0.5	8.01	59	1220	1.1	2	3.54	0.6	17	32	112	4.88	20	1.66
N974299		5.88	0.5	6.76	100	320	1.1	<2	5.29	0.7	18	56	58	4.87	10	1.60
N974300		4.95	1.0	7.26	103	390	1.2	<2	4.57	0.8	21	54	103	5.11	20	1.86
N974301		6.59	0.6	6.59	66	380	1.3	<2	5.34	1.2	15	38	64	4.45	10	1.61
N974302		5.03	<0.5	7.44	60	610	1.2	<2	5.19	1.7	18	42	73	4.60	20	1.77
N974303		7.70	0.6	5.00	97	460	1.0	<2	4.04	1.3	15	46	91	3.98	10	1.30
N974304		7.37	0.6	5.03	104	300	0.9	<2	4.24	1.7	16	45	98	4.28	10	1.29
N974305		5.77	<0.5	6.61	68	380	1.3	<2	4.39	1.7	19	44	56	4.45	10	1.46
N974306		5.07	0.6	6.83	88	280	1.3	<2	4.90	1.5	24	51	83	5.33	10	1.50
N974307		0.15	0.7	6.31	19	630	0.7	<2	2.64	0.6	13	55	228	4.34	20	0.94
N974308		6.67	0.6	6.24	67	510	1.3	<2	4.82	2.2	19	44	60	4.49	10	1.44
N974309		4.56	0.9	4.55	59	610	1.2	<2	3.52	3.0	13	41	77	3.31	10	1.42
N974310		6.23	1.1	4.56	67	670	1.3	<2	4.09	3.8	19	47	99	3.93	10	1.39
N974311		5.80	1.3	4.47	75	400	1.2	<2	3.46	5.6	19	56	141	4.17	10	1.46
N974312		5.43	1.1	4.31	75	500	1.2	<2	4.05	6.0	16	49	102	3.85	10	1.36
N974313		4.80	1.3	4.97	94	440	1.3	<2	3.87	4.0	17	47	132	4.06	10	1.63
N974314		4.14	0.8	4.78	100	510	1.2	<2	3.65	3.4	18	54	111	4.43	10	1.41
N974315		8.06	<0.5	7.91	199	1060	1.6	<2	3.94	0.6	9	90	14	2.24	20	1.78
N974316		1.05	<0.5	4.64	5	670	0.7	<2	4.12	0.7	38	445	49	5.09	10	0.80
N974317		6.57	<0.5	7.21	152	600	1.6	<2	4.33	1.2	29	126	159	5.87	20	1.33
N974318		5.43	0.7	5.26	329	360	1.2	<2	3.40	2.2	21	55	191	5.21	10	1.53
N974319		5.58	0.6	5.55	223	750	1.4	<2	3.62	2.9	15	69	140	3.72	20	1.60
N974320		5.73	<0.5	6.84	170	670	1.5	<2	3.93	1.6	28	138	67	5.62	20	1.54
N974321		5.97	<0.5	6.47	295	310	1.1	<2	7.29	0.8	34	279	79	5.72	10	1.12
N974322		5.76	<0.5	4.65	375	220	0.6	<2	6.89	0.9	43	463	40	5.73	10	0.71
N974323		6.17	0.5	8.36	158	1450	1.5	<2	5.23	1.2	22	57	121	5.87	20	2.00
N974324		0.10	0.5	7.30	72	250	6.3	2	0.10	<0.5	77	56	1420	4.04	20	3.85
N974325		6.34	0.5	6.35	103	740	1.1	<2	4.97	2.2	14	41	43	4.25	20	1.98
N974326		4.82	0.9	4.92	157	350	1.0	<2	3.43	3.9	17	48	70	3.90	10	1.51
N974327		5.52	0.5	7.31	93	1660	1.3	<2	5.99	2.0	17	33	157	4.69	20	1.94
N974328		<0.02	0.6	7.37	97	1680	1.3	<2	6.03	2.2	19	33	161	4.73	10	1.94
N974329		5.74	<0.5	7.33	212	1200	1.2	<2	5.40	0.9	23	152	52	5.13	20	1.67
N974330		5.91	0.5	6.08	296	590	0.9	<2	4.12	0.7	23	167	105	5.72	10	0.90

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 30-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185416

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974291		10	2.72	984	4	1.25	18	600	5	1.05	<5	23	344	<20	0.24	<10
N974292		10	2.49	979	6	1.09	22	620	6	1.43	5	23	360	<20	0.22	<10
N974293		10	3.31	933	3	1.35	19	710	6	0.92	<5	24	319	<20	0.21	<10
N974294		10	5.00	863	1	1.28	385	720	6	0.03	<5	15	217	<20	0.51	<10
N974295		10	2.35	799	8	0.96	28	700	8	1.65	<5	21	288	<20	0.26	<10
N974296		10	1.76	757	15	0.96	37	910	10	2.05	<5	14	272	<20	0.19	<10
N974297		10	2.40	1130	5	1.47	35	680	7	1.92	<5	22	366	<20	0.18	<10
N974298		10	2.57	968	2	1.91	16	690	9	0.94	6	24	345	<20	0.20	<10
N974299		10	1.98	1105	15	1.18	43	810	21	2.84	<5	18	357	<20	0.17	<10
N974300		20	1.78	1005	23	0.94	50	870	28	3.63	8	18	310	<20	0.16	10
N974301		10	2.14	1145	12	0.85	31	740	15	2.60	9	16	364	<20	0.16	<10
N974302		10	2.15	1145	7	1.34	26	670	9	2.39	8	21	366	<20	0.18	<10
N974303		20	1.55	900	17	0.58	38	760	15	2.42	10	12	240	<20	0.14	<10
N974304		20	1.61	932	19	0.59	40	880	16	2.72	7	12	249	<20	0.13	<10
N974305		10	1.64	1030	13	0.86	33	870	12	2.96	<5	17	291	<20	0.17	<10
N974306		20	1.82	1205	15	1.29	41	840	14	3.70	6	18	321	<20	0.18	<10
N974307		10	1.21	748	14	2.19	45	660	15	0.13	<5	14	295	<20	0.33	<10
N974308		20	1.73	1080	13	0.78	36	1290	15	2.81	<5	16	306	<20	0.19	<10
N974309		20	1.33	844	14	0.34	40	970	16	2.09	9	9	204	<20	0.17	10
N974310		20	1.52	1055	27	0.36	48	1140	25	2.69	12	9	222	<20	0.17	<10
N974311		20	1.29	819	33	0.31	56	1480	27	3.21	12	10	187	<20	0.15	<10
N974312		20	1.46	986	25	0.33	53	1860	22	2.60	10	9	211	<20	0.15	<10
N974313		20	1.49	849	26	0.33	56	1140	24	2.83	9	10	202	<20	0.17	<10
N974314		20	1.57	767	38	0.34	48	1110	12	2.72	6	10	215	<20	0.16	<10
N974315		10	1.62	792	<1	1.17	95	1100	2	0.39	5	4	668	<20	0.13	<10
N974316		10	5.71	939	1	1.35	430	780	2	0.03	<5	16	240	<20	0.58	10
N974317		10	3.17	1115	6	1.11	51	1070	5	0.69	<5	26	498	<20	0.29	<10
N974318		20	1.42	464	31	0.47	60	1280	8	3.61	<5	12	251	<20	0.17	<10
N974319		20	1.35	449	21	0.48	58	2140	3	2.02	<5	12	267	<20	0.24	10
N974320		10	3.15	883	6	0.90	52	1020	3	1.15	<5	28	404	<20	0.29	10
N974321		10	5.11	1225	1	1.07	154	1010	<2	0.30	<5	26	485	<20	0.30	<10
N974322		10	6.73	1205	<1	0.78	311	660	2	0.05	5	26	339	<20	0.17	10
N974323		10	2.80	1445	3	0.92	27	650	3	1.55	<5	25	418	<20	0.31	<10
N974324		40	0.58	284	3	0.05	39	630	16	0.04	<5	14	36	20	0.28	<10
N974325		20	1.84	915	13	0.46	33	860	5	2.09	<5	17	254	<20	0.20	<10
N974326		20	1.21	578	27	0.31	65	2080	18	2.79	<5	10	167	<20	0.19	<10
N974327		10	2.43	1300	4	0.71	21	740	4	1.61	5	21	384	<20	0.26	<10
N974328		10	2.47	1310	4	0.72	23	730	7	1.61	<5	22	392	<20	0.26	<10
N974329		10	2.76	1460	5	0.94	88	650	3	2.09	<5	22	445	<20	0.25	<10
N974330		10	2.70	915	13	1.07	104	660	<2	3.21	6	18	485	<20	0.24	<10

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North Vancouver BC V7H 0A7
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1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 30-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185416

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974291		<10	201	<10	157
N974292		<10	226	<10	131
N974293		<10	210	<10	172
N974294		<10	129	<10	70
N974295		<10	244	<10	147
N974296		<10	202	10	142
N974297		<10	186	<10	118
N974298		<10	208	<10	135
N974299		<10	234	<10	64
N974300		<10	258	10	73
N974301		<10	211	<10	83
N974302		<10	221	10	158
N974303		<10	200	<10	117
N974304		<10	202	10	122
N974305		<10	215	10	118
N974306		<10	229	10	132
N974307		<10	115	10	75
N974308		<10	258	10	159
N974309		10	281	<10	221
N974310		10	286	<10	245
N974311		10	377	<10	383
N974312		10	320	<10	424
N974313		10	330	<10	264
N974314		10	263	<10	240
N974315		<10	61	<10	54
N974316		<10	144	<10	79
N974317		<10	236	<10	173
N974318		<10	264	<10	226
N974319		10	340	40	302
N974320		<10	276	10	189
N974321		<10	194	10	125
N974322		<10	165	<10	130
N974323		<10	220	10	157
N974324		10	84	<10	24
N974325		<10	251	10	150
N974326		10	330	<10	252
N974327		<10	231	<10	193
N974328		<10	231	10	199
N974329		<10	190	<10	100
N974330		<10	177	<10	84

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CERTIFICATE OF ANALYSIS KL18185416

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974331		6.09	0.7	6.38	349	270	0.7	<2	4.59	0.8	43	392	103	6.84	10	0.68
N974332		5.40	<0.5	5.47	312	270	0.7	<2	5.33	0.8	35	395	77	5.77	10	0.65
N974333		5.21	<0.5	5.74	314	310	0.9	<2	3.39	0.6	22	60	66	5.07	10	1.70
N974334		6.08	<0.5	7.68	136	910	1.1	<2	3.61	1.2	24	37	45	4.99	20	2.14
N974335		0.93	<0.5	4.76	5	610	0.7	<2	4.18	0.6	38	470	49	5.23	10	0.81
N974336		5.55	0.6	5.54	283	290	0.9	<2	4.19	0.8	18	48	54	5.42	10	1.63
N974337		5.83	0.6	6.93	158	610	1.1	<2	4.64	1.4	20	46	67	4.96	20	1.68
N974338		5.80	1.0	5.64	108	360	1.1	<2	3.69	3.0	20	49	54	4.59	20	1.69
N974339		6.86	0.8	5.05	91	440	0.9	<2	4.16	2.2	17	46	44	4.33	10	1.46
N974340		6.83	0.8	4.89	85	390	0.9	<2	3.97	2.0	16	47	42	4.11	10	1.40
N974341		6.54	0.5	7.74	83	1490	1.1	<2	6.39	1.4	18	38	181	4.81	20	1.89
N974342		5.79	<0.5	8.51	59	1910	1.2	<2	5.52	<0.5	20	31	105	5.07	20	1.79
N974343		5.52	<0.5	8.80	58	1980	1.0	<2	3.17	0.8	20	40	100	5.59	20	1.70
N974344		4.82	<0.5	8.70	87	2030	1.1	<2	4.21	0.7	22	39	67	5.41	20	1.79
N974345		0.15	<0.5	7.14	12	580	0.8	3	3.30	<0.5	15	59	85	4.97	20	1.03
N974346		5.68	<0.5	8.41	79	2390	1.3	<2	4.50	0.5	17	44	193	4.77	20	2.02
N974347		6.57	<0.5	8.44	157	1110	1.2	2	6.37	1.0	23	34	152	6.21	20	1.24
N974348		6.59	<0.5	6.72	144	780	1.1	<2	5.57	1.9	17	78	71	5.00	10	1.33
N974349		6.38	<0.5	7.92	224	1030	1.1	<2	5.10	<0.5	16	107	50	4.05	20	1.52
N974350		4.90	<0.5	8.19	166	780	1.1	2	5.15	<0.5	17	82	72	4.21	20	1.49
N974351		5.97	<0.5	8.13	326	1010	1.4	<2	5.42	0.9	19	170	86	4.00	20	1.87
N974352		<0.02	<0.5	8.03	356	1020	1.4	<2	5.24	0.7	17	173	90	3.93	20	1.85
N974353		5.21	<0.5	7.57	123	970	1.6	2	5.09	2.0	16	94	67	4.34	20	2.17
N974354		5.71	<0.5	6.63	94	820	1.6	<2	4.78	1.8	13	79	52	4.17	20	1.74
N974355		1.00	<0.5	4.79	6	630	0.7	<2	4.39	0.7	34	432	48	5.10	10	0.83
N974356		4.84	1.5	4.96	90	200	1.2	3	3.57	3.6	16	57	87	4.74	10	1.71
N974357		6.01	1.6	4.84	87	230	1.2	<2	3.14	4.1	15	53	81	4.61	10	1.74
N974358		0.14	0.5	6.56	14	650	0.8	2	2.73	<0.5	13	62	229	4.53	10	1.01
N974359		6.06	1.4	4.91	86	450	1.3	2	3.45	4.8	17	58	98	4.29	10	1.67
N974360		6.80	1.2	5.02	84	380	1.3	<2	4.21	4.3	17	55	79	4.30	10	1.67

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974331		10	5.77	1270	3	1.28	235	1110	4	0.43	12	29	387	<20	0.28	<10
N974332		10	5.31	1275	6	1.05	213	980	<2	0.15	<5	24	469	<20	0.25	10
N974333		20	1.50	662	28	0.38	74	1240	8	3.60	<5	14	180	<20	0.18	<10
N974334		10	1.38	637	10	0.58	38	860	7	3.72	<5	21	222	<20	0.18	<10
N974335		10	5.93	978	2	1.40	454	770	2	0.03	<5	16	242	<20	0.57	<10
N974336		20	1.54	733	30	0.36	67	1270	8	4.05	6	14	196	<20	0.18	<10
N974337		20	2.06	1110	17	0.57	45	970	9	2.35	6	18	262	<20	0.23	<10
N974338		20	1.29	904	26	0.45	68	1570	20	3.42	11	12	170	<20	0.18	<10
N974339		20	1.40	878	24	0.46	50	1440	15	2.72	6	12	185	<20	0.16	<10
N974340		20	1.35	832	23	0.45	46	1240	16	2.57	6	11	178	<20	0.16	<10
N974341		10	2.35	1295	10	1.15	34	940	7	1.91	<5	22	364	<20	0.25	<10
N974342		10	2.88	1525	1	1.46	16	540	2	0.37	5	25	407	<20	0.28	<10
N974343		10	2.99	1110	2	1.76	20	610	5	0.11	<5	26	307	<20	0.24	10
N974344		10	2.76	1445	2	1.67	19	610	8	0.63	<5	26	335	<20	0.25	<10
N974345		10	1.42	863	8	2.39	35	690	19	0.06	7	16	338	<20	0.36	<10
N974346		10	2.30	1490	6	1.30	23	760	<2	0.58	5	25	343	<20	0.21	<10
N974347		10	2.68	1615	1	1.81	23	1330	7	2.12	<5	25	489	<20	0.23	<10
N974348		20	2.04	1485	17	1.09	66	1300	8	2.74	5	15	340	<20	0.21	10
N974349		10	2.63	1225	<1	1.75	125	1180	4	0.39	<5	14	446	<20	0.20	<10
N974350		10	2.64	1290	1	1.74	95	1210	8	0.33	<5	16	467	<20	0.26	<10
N974351		10	2.43	1140	1	1.34	186	1220	<2	0.76	8	14	404	<20	0.20	<10
N974352		10	2.33	1120	2	1.30	195	1140	4	0.80	<5	13	392	<20	0.20	<10
N974353		10	2.08	1025	16	0.72	91	1270	13	2.50	11	15	294	<20	0.21	<10
N974354		10	1.95	1235	14	0.81	81	1170	12	2.73	6	12	280	<20	0.19	<10
N974355		10	5.40	957	2	1.44	408	810	5	0.04	<5	16	237	<20	0.58	<10
N974356		20	1.45	1020	33	0.24	82	1670	34	3.96	11	11	168	<20	0.15	<10
N974357		20	1.26	877	30	0.22	77	1700	39	3.92	14	11	135	<20	0.14	<10
N974358		10	1.27	799	16	2.31	48	670	13	0.14	6	14	307	<20	0.35	<10
N974359		20	1.23	876	32	0.24	72	1350	38	3.66	15	11	144	<20	0.16	<10
N974360		20	1.22	899	27	0.23	69	1800	34	3.73	17	11	160	<20	0.17	<10

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 30-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185416

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974331		<10	239	<10	120
N974332		<10	212	<10	111
N974333		10	280	<10	53
N974334		10	288	<10	131
N974335		<10	144	<10	80
N974336		10	267	<10	52
N974337		10	253	<10	142
N974338		10	340	<10	253
N974339		10	279	<10	187
N974340		10	268	<10	182
N974341		10	258	<10	180
N974342		<10	226	<10	112
N974343		<10	235	<10	173
N974344		<10	239	<10	123
N974345		<10	141	10	81
N974346		<10	259	<10	130
N974347		<10	252	<10	180
N974348		<10	266	<10	168
N974349		<10	151	<10	85
N974350		<10	172	<10	92
N974351		<10	158	<10	141
N974352		<10	154	<10	130
N974353		<10	254	<10	167
N974354		<10	238	<10	148
N974355		<10	147	<10	78
N974356		<10	355	<10	293
N974357		10	341	<10	301
N974358		<10	122	10	74
N974359		10	340	<10	356
N974360		<10	348	<10	339

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Finalized Date: 30-AUG-2018
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Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185416

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

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

Applies to Method:	
	ME-ICP61

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185420

Project: 1008967-BPI

P.O. No.: 886-SMG-B26

This report is for 80 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

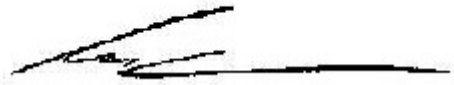
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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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North Vancouver BC V7H 0A7
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1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974131		5.73	<0.5	6.04	57	1720	1.3	<2	1.38	<0.5	11	17	39	2.89	10	2.46
N974132		5.24	<0.5	4.09	131	910	1.1	<2	1.56	<0.5	18	34	60	3.48	10	1.31
N974133		2.90	<0.5	3.65	121	640	0.9	<2	1.53	<0.5	13	30	65	3.40	10	1.33
N974134		5.87	<0.5	4.44	98	540	1.2	<2	2.01	<0.5	14	24	62	2.89	10	1.72
N974135		4.66	<0.5	3.69	58	430	1.1	<2	2.21	<0.5	11	16	42	2.04	10	1.34
N974136		0.64	<0.5	4.48	5	650	0.7	<2	3.90	0.7	37	487	50	5.22	10	0.77
N974137		5.94	<0.5	5.12	36	680	1.3	2	2.63	<0.5	8	11	27	2.31	10	2.08
N974138		7.07	<0.5	5.12	133	720	1.2	<2	2.37	<0.5	19	21	38	2.93	10	2.17
N974139		6.88	<0.5	4.82	92	720	1.2	<2	2.43	<0.5	16	22	31	2.50	10	2.01
N974140		3.39	<0.5	7.97	86	1070	1.5	2	2.62	<0.5	7	15	64	2.43	20	2.90
N974141		7.53	<0.5	5.96	91	910	1.1	<2	2.22	<0.5	16	22	39	2.67	20	2.53
N974142		2.81	<0.5	7.80	73	1150	1.8	<2	3.25	<0.5	7	19	41	2.72	20	2.71
N974143		5.35	<0.5	7.96	100	1040	1.5	<2	4.14	<0.5	19	27	57	4.13	20	3.39
N974144		5.78	<0.5	4.63	100	640	1.1	2	1.75	<0.5	14	25	52	3.36	10	1.93
N974145		5.10	<0.5	4.25	149	540	1.0	<2	1.87	<0.5	19	34	65	3.42	10	1.76
N974146		6.78	0.5	4.05	188	630	1.0	<2	1.83	<0.5	19	32	57	3.60	10	1.64
N974147		0.06	<0.5	7.40	76	250	6.6	6	0.10	<0.5	80	63	1485	4.19	20	4.06
N974148		4.44	<0.5	8.18	74	1570	2.0	<2	2.75	<0.5	8	22	52	2.63	20	3.52
N974149		4.11	<0.5	4.21	215	660	1.1	<2	2.15	0.5	25	34	61	3.25	10	1.78
N974150		8.06	<0.5	5.89	132	920	1.7	<2	2.22	<0.5	17	28	65	2.80	10	2.60
N974151		6.34	0.5	4.56	110	660	1.4	<2	1.77	<0.5	16	31	95	2.99	10	2.09
N974152		5.86	<0.5	3.46	128	420	1.0	<2	1.23	<0.5	17	40	27	3.43	10	1.56
N974153		6.06	0.7	4.66	167	520	1.4	<2	1.77	<0.5	17	41	59	4.29	10	2.00
N974154		6.06	0.5	3.67	163	420	1.1	<2	2.09	<0.5	21	35	62	2.97	10	1.55
N974155		4.83	0.5	3.53	135	420	1.0	<2	2.19	<0.5	17	30	63	3.21	10	1.49
N974156		0.11	<0.5	6.88	16	540	0.7	<2	3.11	0.5	14	56	84	4.73	10	0.97
N974157		7.07	<0.5	7.87	208	910	1.8	<2	4.57	<0.5	18	94	77	4.27	20	3.45
N974158		6.72	<0.5	7.78	242	840	1.4	<2	4.65	0.5	18	127	41	4.51	10	3.57
N974159		5.96	<0.5	8.14	126	940	1.3	<2	4.38	0.5	15	58	63	4.41	10	3.35
N974160		6.00	<0.5	8.06	120	910	1.3	<2	4.52	0.6	16	51	50	4.28	20	3.23
N974161		0.62	<0.5	4.54	<5	620	0.7	<2	3.94	0.9	34	468	52	5.08	10	0.80
N974162		6.10	<0.5	5.72	15	820	1.0	<2	1.62	<0.5	7	12	6	2.69	10	2.45
N974163		7.73	<0.5	6.47	20	1160	1.2	<2	1.26	0.5	8	12	10	2.52	20	2.79
N974164		5.20	<0.5	8.00	98	1010	1.7	<2	2.57	1.2	6	18	49	2.67	20	3.24
N974165		4.97	<0.5	7.00	148	900	1.6	<2	4.29	0.7	14	77	71	4.22	20	3.22
N974166		5.70	<0.5	8.04	182	1080	1.5	2	4.25	0.6	16	114	35	3.35	20	3.28
N974167		<0.02	<0.5	7.80	194	1090	1.5	<2	4.31	0.6	17	117	29	3.41	20	3.31
N974168		5.63	<0.5	6.07	51	850	0.9	<2	2.70	0.5	8	32	21	3.32	10	2.51
N974169		5.47	<0.5	7.31	60	1230	1.5	<2	3.31	0.5	8	30	34	3.53	20	3.40
N974170		3.95	<0.5	7.34	170	1080	1.4	<2	4.06	0.7	12	81	34	3.93	20	3.18

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974131		10	1.54	1850	<1	0.20	26	350	4	0.03	<5	15	154	<20	0.17	<10
N974132		20	1.20	2070	1	0.16	62	290	4	0.15	<5	12	101	<20	0.14	<10
N974133		10	1.25	2040	1	0.12	54	280	3	0.25	<5	11	146	<20	0.12	<10
N974134		10	1.29	2140	1	0.11	39	420	9	0.38	<5	10	141	<20	0.14	<10
N974135		10	1.15	1800	1	0.10	26	370	7	0.46	<5	8	111	<20	0.13	<10
N974136		10	5.63	971	1	1.33	463	800	<2	0.03	<5	16	228	<20	0.58	<10
N974137		20	1.45	1835	2	0.16	18	370	11	0.39	<5	8	157	<20	0.14	10
N974138		20	1.32	1500	4	0.17	41	380	13	1.29	<5	11	170	<20	0.14	<10
N974139		20	1.32	1530	4	0.16	30	330	4	0.73	<5	10	174	<20	0.13	<10
N974140		<10	1.02	1155	1	1.40	14	980	5	0.93	<5	5	257	<20	0.13	<10
N974141		20	1.34	1405	5	0.21	37	410	4	0.62	<5	12	167	<20	0.17	<10
N974142		<10	1.23	1365	<1	0.90	17	1040	2	0.67	<5	6	283	<20	0.15	<10
N974143		10	2.16	1770	1	0.20	26	1100	13	0.62	<5	19	333	<20	0.22	<10
N974144		20	1.43	1660	4	0.09	42	340	12	0.19	<5	11	158	<20	0.16	<10
N974145		20	1.31	2090	1	0.08	50	330	8	0.42	<5	12	146	<20	0.17	<10
N974146		20	1.12	1795	<1	0.07	61	410	7	0.65	<5	11	218	<20	0.14	<10
N974147		50	0.60	313	3	0.05	42	720	16	0.04	<5	15	36	20	0.28	<10
N974148		<10	1.03	1200	<1	0.35	18	1040	3	0.62	<5	6	316	<20	0.14	<10
N974149		10	1.12	1925	1	0.07	65	390	14	0.63	<5	12	220	<20	0.16	<10
N974150		10	0.99	1495	<1	0.09	50	640	5	0.49	<5	10	180	<20	0.15	<10
N974151		10	0.99	1785	<1	0.08	49	490	10	0.07	<5	10	124	<20	0.12	<10
N974152		10	1.04	1775	1	0.06	54	290	6	0.05	<5	10	94	<20	0.12	<10
N974153		20	1.32	2460	<1	0.08	60	330	10	0.41	<5	12	137	<20	0.18	<10
N974154		10	0.99	2300	1	0.07	62	310	13	0.37	<5	11	126	<20	0.13	<10
N974155		10	1.15	2270	<1	0.06	44	290	14	0.36	<5	10	163	<20	0.12	<10
N974156		10	1.33	841	7	2.32	33	720	13	0.06	<5	15	332	<20	0.35	<10
N974157		<10	2.51	1950	<1	0.15	102	1130	9	0.64	<5	14	376	<20	0.19	<10
N974158		<10	3.39	1725	<1	0.18	144	1100	8	0.20	<5	16	412	<20	0.21	<10
N974159		<10	2.11	1580	<1	0.33	67	1280	11	0.74	<5	14	350	<20	0.18	<10
N974160		<10	2.24	1810	1	0.33	62	1170	17	0.53	<5	14	396	<20	0.20	<10
N974161		10	5.39	944	2	1.36	430	750	4	0.03	<5	15	231	<20	0.54	<10
N974162		10	2.04	1640	<1	0.13	11	530	<2	0.01	<5	12	188	<20	0.17	<10
N974163		10	1.68	1230	1	0.11	12	460	5	0.05	<5	14	191	<20	0.20	<10
N974164		<10	1.24	1030	1	0.41	16	890	13	0.75	<5	7	250	<20	0.15	<10
N974165		10	2.42	1760	1	0.12	59	970	9	0.60	<5	18	389	<20	0.22	<10
N974166		<10	2.27	1505	1	0.56	107	920	2	0.37	<5	9	365	<20	0.16	<10
N974167		<10	2.27	1540	<1	0.57	109	930	<2	0.35	<5	9	369	<20	0.16	<10
N974168		10	2.11	1350	1	0.17	30	740	<2	0.07	<5	10	235	<20	0.17	<10
N974169		10	2.04	1530	2	0.17	31	990	6	0.18	<5	12	291	<20	0.24	<10
N974170		<10	2.27	1665	1	0.35	95	1080	5	0.30	<5	12	384	<20	0.17	<10

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1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974131		<10	34	<10	75
N974132		<10	55	<10	73
N974133		<10	68	10	77
N974134		<10	64	<10	72
N974135		<10	44	<10	43
N974136		<10	136	<10	79
N974137		<10	59	<10	82
N974138		<10	82	<10	42
N974139		<10	72	10	38
N974140		<10	74	<10	43
N974141		<10	57	<10	59
N974142		<10	85	10	71
N974143		<10	161	10	70
N974144		<10	89	10	87
N974145		<10	65	<10	78
N974146		<10	60	10	84
N974147		10	87	<10	25
N974148		<10	85	<10	63
N974149		<10	97	10	70
N974150		<10	79	<10	44
N974151		<10	69	<10	66
N974152		<10	50	<10	84
N974153		<10	119	10	107
N974154		<10	80	<10	53
N974155		<10	61	<10	63
N974156		<10	133	10	79
N974157		<10	149	10	58
N974158		<10	154	10	81
N974159		<10	161	10	64
N974160		<10	153	<10	61
N974161		<10	133	<10	78
N974162		<10	25	10	78
N974163		<10	33	10	63
N974164		<10	72	<10	153
N974165		<10	153	10	63
N974166		<10	96	<10	56
N974167		<10	99	10	58
N974168		<10	73	<10	80
N974169		<10	78	10	53
N974170		<10	118	10	66

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VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974171		5.86	<0.5	3.84	39	590	0.9	<2	2.33	0.5	5	23	24	2.45	10	1.59
N974172		4.57	<0.5	7.25	100	1140	1.7	<2	3.31	<0.5	9	23	35	2.77	20	2.76
N974173		4.27	<0.5	8.13	58	1260	1.8	<2	2.69	2.4	7	19	24	3.18	20	3.36
N974174		5.85	<0.5	6.49	522	820	1.1	<2	4.77	1.1	29	369	51	4.64	10	2.95
N974175		5.87	<0.5	5.27	125	1000	1.5	<2	1.43	0.9	15	40	107	3.68	10	2.44
N974176		5.95	<0.5	7.46	144	1130	1.9	<2	3.38	0.6	9	30	58	2.89	20	2.91
N974177		6.13	<0.5	4.75	77	390	1.3	<2	2.90	1.0	18	35	32	3.41	10	1.86
N974178		5.42	<0.5	7.53	83	900	2.1	<2	3.39	0.7	9	25	12	3.00	20	2.36
N974179		5.22	<0.5	7.79	87	840	2.0	<2	3.32	0.8	8	26	11	3.01	20	2.29
N974180		6.73	0.5	6.15	99	480	1.6	<2	3.62	1.3	16	33	27	3.91	10	1.58
N974181		6.67	0.8	4.93	118	380	1.4	<2	3.57	1.4	16	39	34	4.01	10	1.94
N974182		6.17	<0.5	3.36	58	400	1.0	<2	3.58	0.9	14	31	33	3.06	10	1.24
N974183		5.97	0.6	3.10	193	420	1.0	<2	2.39	2.3	16	36	34	3.71	10	1.30
N974184		4.05	0.9	5.67	214	450	1.7	<2	2.30	1.3	49	40	67	4.81	20	2.59
N974185		5.06	<0.5	4.03	167	560	1.2	<2	2.53	0.8	40	31	26	3.16	10	1.86
N974186		0.66	<0.5	4.39	5	650	0.7	<2	3.84	0.6	35	457	47	4.93	10	0.80
N974187		7.91	<0.5	7.42	160	1300	1.7	<2	3.06	0.7	8	60	50	2.56	20	3.19
N974188		0.11	0.5	6.08	22	610	0.7	<2	2.55	0.6	12	57	220	4.20	10	0.96
N974189		8.22	<0.5	7.97	85	1320	1.7	<2	2.95	0.5	5	27	46	2.48	20	3.14
N974190		6.86	0.9	3.90	150	620	1.4	<2	2.67	0.5	13	30	58	2.66	10	1.78
N974191		5.87	<0.5	4.11	208	540	1.4	<2	3.71	0.7	22	36	46	3.01	10	1.56
N974192		6.35	<0.5	4.57	158	690	1.4	<2	3.23	0.8	27	32	82	2.94	10	2.00
N974193		4.57	<0.5	4.84	121	760	1.7	<2	3.19	0.7	18	33	59	2.90	10	2.10
N974194		<0.02	<0.5	4.74	117	760	1.7	<2	3.16	0.8	18	31	52	2.79	10	2.09
N974195		3.76	0.5	3.26	134	550	1.2	<2	2.42	0.9	12	33	27	2.47	10	1.37
N974196		5.83	1.0	5.71	174	170	1.7	<2	3.39	2.9	16	48	34	4.54	10	2.12
N974197		4.94	<0.5	6.64	109	580	1.8	<2	4.01	0.9	13	45	25	3.91	20	2.43
N974198		0.60	<0.5	4.77	<5	610	0.7	2	4.24	1.0	37	465	55	5.33	10	0.82
N974199		6.12	<0.5	6.26	57	1020	1.4	<2	1.54	1.1	9	34	23	3.19	10	2.38
N974200		6.39	2.3	6.54	26	1250	2.0	3	1.39	1.0	6	9	16	2.48	10	2.96
N974201		6.02	<0.5	5.26	26	1000	1.9	<2	1.52	0.6	6	10	9	2.85	10	2.41
N974202		0.07	<0.5	7.01	69	240	6.1	6	0.09	<0.5	73	58	1420	3.92	20	3.76
N974203		6.28	<0.5	5.26	27	1060	1.3	<2	1.01	0.7	6	10	8	2.80	10	2.15
N974204		6.56	<0.5	7.42	79	1740	1.3	<2	1.40	0.5	5	23	15	2.62	20	3.02
N974205		6.17	0.9	5.29	109	2150	1.5	<2	1.79	1.6	8	42	29	2.63	10	2.05
N974206		5.77	<0.5	3.54	88	1770	1.5	<2	1.57	0.7	9	31	142	2.60	10	1.54
N974207		6.13	0.7	2.89	106	1410	1.4	<2	0.99	0.6	9	30	110	2.81	10	1.22
N974208		5.78	1.5	3.31	230	1620	1.6	<2	1.51	0.7	8	39	104	2.83	10	1.34
N974209		6.04	2.6	3.46	194	1440	1.7	<2	1.93	0.6	9	32	97	2.93	10	1.54
N974210		5.79	4.9	2.10	155	820	1.1	<2	1.59	6.4	8	32	77	2.37	10	0.90

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974171		10	1.34	1150	2	0.07	14	650	2	0.22	<5	6	245	<20	0.12	<10
N974172		<10	1.27	1265	<1	0.61	21	930	7	0.68	<5	7	308	<20	0.18	<10
N974173		10	1.89	1485	1	0.57	17	980	20	0.33	<5	11	261	<20	0.25	<10
N974174		<10	4.68	2010	1	0.12	409	790	38	0.22	<5	18	388	<20	0.17	<10
N974175		10	1.94	1155	1	0.06	45	450	27	0.61	<5	13	230	<20	0.20	10
N974176		10	1.34	1620	4	0.74	30	930	9	1.13	<5	8	311	<20	0.15	<10
N974177		10	1.15	1935	5	0.30	40	570	28	2.36	<5	10	216	<20	0.14	<10
N974178		<10	1.30	1845	1	0.77	24	1010	13	1.71	<5	7	280	<20	0.14	<10
N974179		<10	1.34	1860	1	0.84	24	1050	94	1.72	<5	7	284	<20	0.15	<10
N974180		10	1.47	2210	9	0.39	43	880	93	2.67	<5	10	293	<20	0.14	10
N974181		10	1.41	2170	14	0.17	44	940	83	2.97	<5	11	259	<20	0.16	10
N974182		10	1.24	3490	6	0.15	37	470	62	1.67	<5	9	206	<20	0.12	<10
N974183		10	0.87	2270	11	0.11	45	570	72	2.80	<5	8	188	<20	0.10	<10
N974184		20	1.70	2360	58	0.13	52	730	35	2.74	<5	17	236	<20	0.23	<10
N974185		10	1.09	1835	219	0.06	36	520	27	2.19	<5	10	254	<20	0.16	<10
N974186		10	5.22	919	2	1.28	413	760	5	0.03	<5	15	217	<20	0.53	<10
N974187		<10	1.15	1655	1	1.04	57	1150	6	0.79	<5	4	374	<20	0.13	<10
N974188		10	1.18	743	16	2.12	44	660	10	0.12	<5	13	287	<20	0.32	<10
N974189		<10	1.03	1450	<1	1.76	30	1240	27	0.60	<5	4	364	<20	0.14	<10
N974190		10	1.26	2610	1	0.06	36	260	5	0.46	<5	10	267	<20	0.14	<10
N974191		10	1.39	4350	3	0.50	38	310	14	1.26	<5	11	379	<20	0.15	10
N974192		10	1.43	4320	4	0.18	45	390	14	1.05	<5	11	341	<20	0.18	10
N974193		10	1.38	4340	4	0.07	37	460	10	1.08	<5	10	321	<20	0.17	<10
N974194		10	1.37	4310	4	0.07	36	440	7	1.01	<5	10	320	<20	0.17	<10
N974195		10	0.98	2840	7	0.06	37	350	30	1.29	<5	8	258	<20	0.13	<10
N974196		20	1.31	1625	22	0.11	66	1110	36	3.64	<5	11	238	<20	0.17	<10
N974197		10	1.96	2020	4	0.45	42	700	38	1.93	7	13	335	<20	0.17	<10
N974198		10	5.73	1010	2	1.42	446	790	<2	0.03	<5	16	243	<20	0.58	<10
N974199		20	2.11	1875	2	0.73	16	460	4	0.32	<5	14	167	<20	0.20	<10
N974200		10	2.06	1845	1	0.25	10	490	639	0.07	<5	14	185	<20	0.21	<10
N974201		10	2.34	2080	2	0.19	8	620	5	0.15	<5	11	198	<20	0.17	<10
N974202		40	0.57	283	4	0.04	40	620	17	0.04	5	14	34	20	0.27	<10
N974203		10	1.93	1955	1	0.31	7	270	6	0.18	<5	12	144	<20	0.18	<10
N974204		10	1.98	1915	1	0.70	23	840	4	0.13	<5	14	173	<20	0.21	<10
N974205		10	1.48	2220	1	0.53	37	450	197	0.27	<5	7	253	<20	0.13	<10
N974206		20	1.30	2880	1	0.15	30	260	26	0.30	<5	8	180	<20	0.13	<10
N974207		20	0.95	2870	1	0.18	31	190	102	0.46	<5	7	115	<20	0.11	<10
N974208		20	1.05	3240	1	0.29	35	260	27	0.47	<5	7	179	<20	0.11	<10
N974209		20	1.28	3600	1	0.09	33	200	584	0.57	5	8	262	<20	0.12	<10
N974210		20	0.77	2080	1	0.07	25	250	781	1.07	6	5	205	<20	0.07	<10

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

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North Vancouver BC V7H 0A7
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974171		<10	39	10	37
N974172		<10	84	<10	37
N974173		<10	82	10	253
N974174		<10	147	10	90
N974175		<10	77	10	67
N974176		<10	102	10	74
N974177		<10	84	10	78
N974178		<10	98	<10	74
N974179		<10	96	<10	100
N974180		<10	129	<10	119
N974181		<10	194	<10	113
N974182		<10	50	<10	70
N974183		<10	86	<10	173
N974184		<10	125	<10	118
N974185		<10	100	10	39
N974186		<10	131	<10	75
N974187		<10	58	<10	46
N974188		<10	110	10	70
N974189		<10	59	<10	50
N974190		<10	70	10	49
N974191		<10	102	10	59
N974192		<10	141	<10	73
N974193		<10	102	10	67
N974194		<10	103	10	70
N974195		<10	99	10	67
N974196		<10	279	10	212
N974197		<10	112	10	92
N974198		<10	143	<10	84
N974199		<10	48	10	104
N974200		<10	29	10	111
N974201		<10	29	10	69
N974202		<10	81	<10	24
N974203		<10	39	10	65
N974204		<10	45	10	62
N974205		<10	98	<10	161
N974206		<10	128	10	63
N974207		<10	62	<10	59
N974208		<10	62	<10	56
N974209		<10	102	<10	73
N974210		<10	37	<10	533

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185420

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185425

Project: 10008967-BPI

P.O. No.: 866-SMG-B25

This report is for 80 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

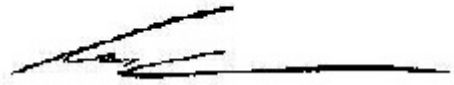
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185425

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974051		5.75	<0.5	6.55	98	650	0.9	<2	5.22	0.8	16	29	52	5.02	20	2.00
N974052		4.56	<0.5	6.44	55	810	0.8	<2	7.39	0.7	17	12	35	4.82	20	1.95
N974053		4.99	<0.5	6.63	38	580	0.8	<2	6.11	0.5	18	12	35	4.82	20	1.84
N974054		6.19	<0.5	6.54	23	580	0.8	<2	6.27	0.6	14	11	46	4.36	20	1.60
N974055		6.24	<0.5	6.66	18	600	0.8	<2	6.52	<0.5	15	10	38	4.58	20	1.64
N974056		6.90	<0.5	7.18	19	480	0.8	2	5.30	0.5	15	11	41	5.08	20	1.34
N974057		5.90	<0.5	7.18	19	440	0.7	<2	4.72	<0.5	16	11	36	5.22	20	1.19
N974058		5.90	<0.5	7.49	9	440	0.8	<2	4.54	0.6	16	12	43	5.27	20	1.25
N974059		0.06	<0.5	7.28	76	250	6.2	4	0.10	<0.5	78	62	1430	4.07	20	3.98
N974060		5.43	<0.5	7.42	27	680	0.9	<2	4.51	0.6	17	11	43	5.53	20	1.62
N974061		9.15	<0.5	7.36	18	470	0.8	<2	4.73	0.7	15	18	46	5.64	20	1.37
N974062		5.67	<0.5	7.91	12	360	0.9	<2	5.44	0.7	17	18	55	6.01	20	0.99
N974063		5.60	<0.5	6.88	41	160	0.7	<2	6.37	0.8	26	55	120	5.72	20	0.62
N974064		6.86	<0.5	6.96	92	570	0.9	<2	5.83	0.6	25	144	69	4.78	20	1.51
N974065		5.64	<0.5	7.53	78	1170	0.9	<2	3.38	<0.5	8	98	18	1.86	20	2.25
N974066		0.43	<0.5	4.58	8	590	0.7	<2	4.17	0.8	39	490	51	4.98	10	0.81
N974067		5.79	<0.5	7.34	10	990	0.8	<2	3.35	<0.5	8	99	10	1.86	20	2.07
N974068		6.19	<0.5	7.53	5	1350	0.8	<2	3.07	<0.5	9	93	14	1.84	20	2.68
N974069		6.41	<0.5	8.04	63	1160	0.9	<2	4.26	0.6	11	104	32	2.61	20	2.47
N974070		5.84	<0.5	7.99	69	1390	0.9	<2	4.43	<0.5	13	91	39	3.10	20	3.66
N974071		6.39	<0.5	7.85	35	1410	0.7	<2	4.29	<0.5	15	116	32	3.17	20	3.51
N974072		5.98	<0.5	8.02	18	1200	0.7	<2	3.81	0.6	18	218	40	3.62	20	2.52
N974073		6.32	<0.5	8.00	6	1210	0.7	<2	4.85	0.5	19	148	60	4.12	20	2.38
N974074		<0.02	<0.5	8.19	8	1220	0.7	<2	5.11	<0.5	20	161	65	4.25	20	2.37
N974075		8.00	<0.5	7.57	16	390	0.7	<2	6.86	0.9	35	150	98	7.08	20	0.59
N974076		5.16	<0.5	7.96	13	500	0.7	<2	5.02	0.8	18	17	40	6.02	20	1.04
N974077		5.69	<0.5	7.55	7	480	0.8	<2	4.40	0.5	15	13	41	5.63	20	1.20
N974078		4.75	<0.5	7.01	9	520	0.8	<2	4.81	<0.5	12	10	28	4.40	20	1.23
N974079		0.51	<0.5	4.45	6	580	0.6	<2	3.80	0.7	36	469	48	4.86	10	0.76
N974080		5.41	<0.5	7.55	9	270	0.7	<2	5.09	0.6	17	28	53	5.79	20	0.68
N974081		6.10	<0.5	7.08	17	580	0.7	<2	5.35	0.5	17	22	43	5.36	20	1.31
N974082		5.38	<0.5	6.90	18	770	0.7	2	5.76	1.3	25	51	95	5.81	20	1.59
N974083		4.81	<0.5	6.64	31	430	0.5	3	8.22	0.7	37	166	115	6.61	10	0.90
N974084		6.82	<0.5	7.46	<5	880	0.7	<2	3.17	0.6	25	66	116	6.13	20	1.97
N974085		4.79	<0.5	7.66	13	750	0.6	2	5.68	0.6	23	34	112	5.23	20	1.07
N974086		0.11	0.6	6.10	18	600	0.7	<2	2.48	<0.5	13	56	225	4.20	10	0.95
N974087		4.69	<0.5	7.86	42	630	0.6	<2	4.71	0.7	23	37	102	5.50	20	1.13
N974088		2.92	<0.5	7.83	14	560	<0.5	<2	3.75	0.6	25	33	82	5.90	20	1.14
N974089		6.45	<0.5	7.17	57	340	<0.5	<2	6.78	0.6	20	29	61	4.82	20	1.47
N974090		5.18	<0.5	7.59	45	230	0.5	2	6.35	0.5	24	33	76	4.96	20	1.34

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185425

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974051		10	1.37	1290	1	1.39	14	830	33	0.80	<5	17	453	<20	0.33	<10
N974052		10	1.36	1670	2	0.74	7	1240	3	0.29	<5	18	453	<20	0.38	<10
N974053		10	1.37	1555	1	0.75	8	1150	4	0.08	<5	18	370	<20	0.38	<10
N974054		10	1.21	1445	2	0.80	6	3880	7	0.21	<5	16	362	<20	0.36	<10
N974055		10	1.34	1570	2	0.79	6	2320	2	0.15	<5	16	374	<20	0.38	<10
N974056		10	1.39	1470	2	0.95	5	1220	2	0.15	<5	18	362	<20	0.44	<10
N974057		10	1.44	1410	1	0.98	5	1260	6	0.13	<5	19	344	<20	0.45	<10
N974058		10	1.43	1380	2	0.95	5	1320	4	0.22	<5	19	366	<20	0.47	<10
N974059		40	0.60	301	3	0.04	42	660	18	0.04	<5	14	34	20	0.27	<10
N974060		20	1.71	1205	1	1.19	7	1290	3	0.19	<5	20	385	<20	0.46	<10
N974061		10	1.72	1215	2	0.93	9	1390	<2	0.09	<5	20	324	<20	0.48	<10
N974062		10	1.90	1265	1	0.99	8	1440	2	0.14	<5	22	335	<20	0.52	<10
N974063		10	2.22	1220	1	1.43	24	1240	8	0.54	<5	24	473	<20	0.40	<10
N974064		<10	3.16	1190	1	1.68	72	1020	6	0.32	<5	22	551	<20	0.25	<10
N974065		<10	1.63	753	<1	2.07	108	790	3	0.04	<5	3	495	<20	0.11	<10
N974066		10	5.79	943	1	1.31	465	780	3	0.02	<5	15	226	<20	0.55	<10
N974067		<10	1.62	782	<1	2.07	110	810	<2	0.09	<5	3	500	<20	0.12	<10
N974068		<10	1.61	736	<1	1.87	106	820	<2	0.05	<5	3	387	<20	0.12	<10
N974069		<10	1.97	919	<1	1.59	105	1070	<2	0.21	<5	6	679	<20	0.16	<10
N974070		<10	2.10	996	1	0.65	103	1400	<2	0.38	<5	7	569	<20	0.20	<10
N974071		<10	2.50	1110	<1	0.67	153	1350	2	0.21	<5	7	473	<20	0.19	<10
N974072		<10	2.87	1160	1	1.70	226	1350	6	0.30	<5	7	451	<20	0.21	<10
N974073		<10	2.69	1090	<1	2.12	150	1420	3	0.39	<5	11	500	<20	0.24	<10
N974074		<10	2.80	1130	<1	2.16	159	1420	4	0.41	<5	12	526	<20	0.25	<10
N974075		10	4.06	1440	<1	1.94	49	1380	5	0.24	<5	32	801	<20	0.40	<10
N974076		10	1.82	1585	2	0.95	8	1350	3	0.09	<5	20	590	<20	0.51	<10
N974077		10	1.61	1470	1	0.97	8	1300	12	0.09	<5	19	498	<20	0.50	<10
N974078		10	1.19	1110	1	0.51	5	1070	5	0.06	<5	16	678	<20	0.40	<10
N974079		10	5.59	883	1	1.30	451	750	2	0.03	<5	15	223	<20	0.54	<10
N974080		10	1.69	1475	1	1.04	11	1150	8	0.07	<5	21	661	<20	0.48	<10
N974081		10	1.61	1605	1	0.76	9	1280	6	0.08	<5	20	399	<20	0.44	<10
N974082		10	2.05	1570	1	0.88	25	1140	10	0.83	<5	22	476	<20	0.44	<10
N974083		10	4.27	1255	<1	1.23	73	1090	10	0.20	<5	37	713	<20	0.34	<10
N974084		10	2.34	1140	2	1.20	32	1160	5	1.30	<5	22	404	<20	0.47	<10
N974085		10	2.00	1525	1	2.06	25	890	10	0.46	<5	21	382	<20	0.43	<10
N974086		10	1.17	727	14	2.13	45	630	12	0.12	<5	13	289	<20	0.32	<10
N974087		10	2.24	1230	1	2.06	31	760	3	0.27	<5	22	348	<20	0.44	<10
N974088		<10	2.78	1265	<1	1.41	26	560	8	0.07	<5	22	339	<20	0.46	<10
N974089		<10	2.12	1085	1	0.86	21	520	2	0.07	<5	20	377	<20	0.36	<10
N974090		<10	2.16	1075	1	1.16	22	460	5	0.11	<5	23	415	<20	0.37	<10

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185425

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974051		<10	128	10	83
N974052		<10	107	<10	74
N974053		<10	108	<10	91
N974054		<10	103	<10	78
N974055		<10	108	<10	88
N974056		<10	123	<10	96
N974057		<10	121	<10	100
N974058		<10	123	<10	100
N974059		<10	85	<10	25
N974060		<10	127	<10	104
N974061		<10	155	<10	106
N974062		<10	162	<10	102
N974063		<10	182	<10	91
N974064		<10	161	10	68
N974065		<10	44	<10	44
N974066		<10	135	<10	79
N974067		<10	45	<10	47
N974068		<10	45	<10	49
N974069		<10	78	<10	55
N974070		<10	101	<10	58
N974071		<10	97	<10	65
N974072		<10	105	<10	81
N974073		<10	134	<10	67
N974074		<10	137	<10	72
N974075		<10	242	<10	98
N974076		<10	143	<10	114
N974077		<10	129	<10	109
N974078		<10	114	<10	78
N974079		<10	132	<10	75
N974080		<10	141	<10	100
N974081		<10	132	<10	92
N974082		<10	193	10	119
N974083		<10	253	10	70
N974084		<10	212	10	90
N974085		<10	188	20	88
N974086		<10	110	10	69
N974087		<10	202	30	107
N974088		<10	246	20	86
N974089		<10	202	10	70
N974090		<10	209	10	64

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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CERTIFICATE OF ANALYSIS KL18185425

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974091		5.80	<0.5	7.66	36	360	<0.5	3	6.59	0.6	26	98	92	5.67	20	1.22
N974092		2.92	<0.5	7.55	26	380	<0.5	<2	7.09	0.7	22	32	69	5.32	20	1.35
N974093		6.38	<0.5	7.81	21	170	<0.5	2	4.55	0.5	20	22	110	4.79	20	0.29
N974094		6.49	1.0	7.50	172	740	0.8	<2	5.76	1.2	26	31	111	4.85	20	2.63
N974095		6.54	0.7	7.33	136	730	0.7	2	5.71	0.8	22	31	110	4.77	20	2.56
N974096		5.69	<0.5	7.38	150	550	0.8	<2	5.34	0.7	23	81	73	5.28	20	1.69
N974097		4.36	<0.5	7.45	984	960	1.1	<2	5.53	0.8	18	40	73	4.84	20	3.13
N974098		5.23	<0.5	6.83	123	930	1.0	<2	4.30	0.7	21	45	87	4.80	20	2.10
N974099		5.29	0.5	6.90	177	1240	1.2	<2	3.35	<0.5	12	17	73	4.06	20	2.30
N974100		4.88	<0.5	6.75	343	1280	1.4	<2	3.27	0.5	8	6	46	3.38	20	2.31
N974101		5.25	<0.5	6.70	333	1170	1.4	<2	3.19	0.6	8	6	51	3.39	20	2.21
N974102		0.11	<0.5	6.78	13	540	0.7	<2	3.07	0.5	13	56	84	4.67	20	0.95
N974103		6.03	<0.5	6.70	181	610	1.1	<2	3.36	0.5	9	8	42	3.69	10	2.09
N974104		6.53	0.9	5.98	1100	670	0.9	<2	3.18	0.7	14	24	84	4.17	10	2.11
N974105		6.05	0.9	6.89	606	760	0.9	2	4.86	0.9	26	83	93	5.59	20	2.38
N974106		0.51	<0.5	4.47	11	600	0.7	<2	4.02	0.9	37	499	48	4.90	10	0.79
N974107		6.07	<0.5	6.79	123	470	0.8	2	4.02	0.5	21	62	118	4.80	10	0.98
N974108		5.71	0.6	7.20	437	370	0.8	3	4.15	0.7	22	52	127	5.52	20	1.46
N974109		5.80	0.7	6.02	597	390	0.7	<2	4.20	0.5	19	45	98	4.74	10	1.36
N974110		6.18	0.6	7.55	4890	480	1.0	<2	4.53	0.8	21	38	77	4.86	20	1.88
N974111		6.69	0.8	7.27	1780	430	0.9	<2	3.91	0.8	20	39	89	4.52	20	1.57
N974112		4.44	0.5	7.04	279	270	0.7	<2	3.70	<0.5	19	34	93	4.61	20	0.98
N974113		5.78	0.7	7.66	141	790	0.7	<2	4.84	0.7	22	35	92	5.44	20	2.30
N974114		7.40	<0.5	7.71	448	510	0.6	<2	4.43	0.8	27	42	55	5.54	20	1.91
N974115		<0.02	<0.5	7.98	428	530	0.6	2	4.78	0.8	29	46	60	5.93	20	1.95
N974116		6.74	<0.5	7.77	105	400	0.5	<2	4.91	0.8	27	45	61	5.63	20	1.43
N974117		5.98	<0.5	7.70	556	440	0.5	2	4.61	0.6	30	42	62	5.59	20	1.86
N974118		4.90	<0.5	7.59	99	680	0.7	<2	4.20	0.6	20	88	53	4.50	20	2.15
N974119		5.53	<0.5	7.53	117	460	0.6	2	5.63	0.8	29	101	79	5.49	10	1.21
N974120		5.56	<0.5	7.40	51	430	<0.5	3	5.03	0.7	29	82	82	5.76	10	0.75
N974121		0.60	<0.5	4.49	16	550	0.7	3	3.94	0.8	38	505	49	4.98	10	0.79
N974122		4.45	<0.5	7.75	19	160	<0.5	<2	6.72	0.7	27	63	95	5.51	20	0.21
N974123		4.63	<0.5	5.86	12	1740	1.1	<2	1.22	<0.5	6	7	3	2.82	10	2.34
N974124		3.62	<0.5	6.80	14	2160	1.0	<2	1.21	<0.5	5	7	16	2.34	20	2.48
N974125		4.73	<0.5	6.24	13	1840	0.8	2	1.51	<0.5	7	9	16	2.48	10	2.15
N974126		4.66	<0.5	7.71	201	980	0.8	3	3.88	0.6	16	108	36	4.25	20	1.55
N974127		3.55	<0.5	4.82	10	970	0.5	<2	1.25	<0.5	6	10	12	3.10	10	1.15
N974128		0.11	0.6	6.29	21	630	0.7	<2	2.59	0.6	13	58	229	4.34	10	0.96
N974129		4.39	<0.5	6.24	8	1700	0.8	<2	1.12	<0.5	4	7	8	2.63	10	2.21
N974130		4.43	<0.5	7.30	124	1450	1.6	<2	3.32	0.5	10	59	29	3.04	20	3.11

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974091		<10	3.07	1150	<1	1.36	38	660	9	0.07	<5	29	524	<20	0.38	10
N974092		<10	2.41	1045	1	0.84	22	490	7	0.05	<5	22	552	<20	0.38	10
N974093		10	1.69	811	<1	3.57	18	800	8	0.11	<5	19	351	<20	0.38	<10
N974094		<10	1.98	982	1	0.64	27	530	15	0.42	<5	21	333	<20	0.35	<10
N974095		<10	2.00	981	2	0.69	25	550	10	0.37	<5	20	337	<20	0.34	<10
N974096		10	2.75	1150	<1	1.36	39	720	15	0.41	<5	24	440	<20	0.29	<10
N974097		10	1.95	1355	<1	0.69	20	970	6	0.55	<5	19	456	<20	0.34	<10
N974098		10	1.88	1055	<1	0.84	24	790	7	0.18	<5	18	469	<20	0.27	<10
N974099		20	1.03	1035	<1	0.81	12	780	5	0.21	<5	14	362	<20	0.33	<10
N974100		20	0.68	975	1	0.66	3	660	9	0.29	<5	11	484	<20	0.30	<10
N974101		20	0.71	992	<1	0.59	4	720	8	0.42	<5	11	514	<20	0.28	<10
N974102		10	1.34	795	7	2.22	34	640	18	0.06	<5	15	322	<20	0.33	<10
N974103		20	0.74	1050	1	0.85	4	760	14	0.89	<5	13	377	<20	0.30	<10
N974104		10	1.09	729	6	0.15	26	730	26	1.55	<5	14	259	<20	0.26	<10
N974105		10	2.33	1165	2	0.32	40	980	7	0.83	<5	25	369	<20	0.27	10
N974106		10	5.39	891	1	1.30	436	750	3	0.04	<5	15	227	<20	0.54	<10
N974107		10	2.04	1105	<1	2.23	32	970	9	0.16	<5	22	383	<20	0.30	<10
N974108		10	1.91	1415	<1	2.51	29	860	6	0.34	<5	22	325	<20	0.30	<10
N974109		10	1.76	1225	<1	1.24	27	560	12	0.45	<5	18	355	<20	0.25	<10
N974110		10	1.65	1285	1	2.54	29	1010	9	0.71	<5	20	365	<20	0.36	<10
N974111		10	1.49	1125	<1	1.77	29	610	76	0.73	<5	20	318	<20	0.30	<10
N974112		10	1.43	918	<1	3.11	24	740	11	0.46	<5	18	330	<20	0.31	<10
N974113		10	2.15	872	2	1.10	23	820	9	0.89	<5	23	321	<20	0.33	<10
N974114		<10	2.98	1125	<1	1.70	29	450	5	0.13	<5	25	341	<20	0.27	10
N974115		<10	3.17	1210	1	1.84	32	480	5	0.13	<5	25	367	<20	0.28	10
N974116		<10	3.24	1195	<1	1.86	30	680	5	0.09	<5	26	399	<20	0.26	<10
N974117		<10	3.06	1275	<1	1.58	31	400	5	0.16	<5	25	423	<20	0.24	<10
N974118		<10	2.70	1060	<1	1.31	89	620	4	0.22	<5	16	438	<20	0.23	<10
N974119		10	2.97	1155	<1	1.26	81	850	7	0.16	<5	24	390	<20	0.32	<10
N974120		<10	3.39	1145	<1	1.73	45	610	4	0.04	<5	26	351	<20	0.41	<10
N974121		10	5.54	922	1	1.29	452	850	3	0.03	<5	15	226	<20	0.55	10
N974122		<10	2.68	1040	<1	1.42	37	640	9	0.06	<5	25	422	<20	0.45	<10
N974123		10	2.31	1695	<1	0.28	8	420	3	0.01	<5	13	137	<20	0.14	<10
N974124		10	1.81	1560	<1	0.40	8	1080	5	0.01	<5	15	152	<20	0.17	<10
N974125		10	1.88	1480	1	0.43	9	500	5	0.01	<5	14	184	<20	0.19	<10
N974126		10	4.35	2350	<1	1.01	149	1160	5	0.04	<5	12	529	<20	0.18	<10
N974127		10	2.09	1505	1	0.58	6	360	6	0.01	<5	12	185	<20	0.16	<10
N974128		10	1.22	757	14	2.19	46	650	11	0.13	<5	14	296	<20	0.33	<10
N974129		10	1.90	1670	<1	0.41	7	490	6	0.01	<5	14	141	<20	0.16	10
N974130		<10	1.87	2080	<1	0.23	61	1140	6	0.38	<5	8	278	<20	0.14	<10

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185425

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974091		<10	235	10	77
N974092		<10	212	10	71
N974093		<10	188	10	74
N974094		<10	233	10	120
N974095		<10	218	10	93
N974096		<10	188	10	61
N974097		<10	140	10	70
N974098		<10	142	<10	93
N974099		<10	90	10	83
N974100		<10	46	10	64
N974101		<10	40	10	74
N974102		<10	129	10	76
N974103		<10	49	10	86
N974104		<10	220	10	90
N974105		<10	204	10	82
N974106		<10	135	<10	78
N974107		<10	173	10	86
N974108		<10	205	10	81
N974109		<10	145	10	62
N974110		<10	167	10	63
N974111		<10	165	10	65
N974112		<10	141	10	72
N974113		<10	207	10	78
N974114		<10	218	10	69
N974115		<10	231	10	73
N974116		<10	220	10	69
N974117		<10	220	<10	72
N974118		<10	158	10	74
N974119		<10	210	10	75
N974120		<10	228	10	74
N974121		<10	132	<10	81
N974122		<10	230	10	70
N974123		<10	27	10	93
N974124		<10	28	<10	65
N974125		<10	27	<10	72
N974126		<10	81	<10	133
N974127		<10	29	<10	92
N974128		<10	113	<10	72
N974129		<10	26	<10	61
N974130		<10	72	10	74

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

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VANCOUVER BC V6E 2M6

Finalized Date: 27-AUG-2018
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Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185425

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:				
CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

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

Applies to Method:	
ME-ICP61	

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185436

Project: 1008967-BPI

P.O. No.: 886-SMG-B27

This report is for 80 Drill Core samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

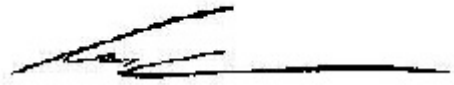
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974211		5.69	4.0	2.54	84	1140	1.1	<2	0.95	1.0	6	28	21	2.05	10	1.11
N974212		6.43	<0.5	5.62	62	2850	2.4	<2	1.35	<0.5	6	33	16	2.16	10	2.65
N974213		5.68	<0.5	4.64	72	2170	1.8	<2	1.18	0.5	5	32	35	2.55	10	2.06
N974214		6.12	0.9	6.00	86	2890	2.1	<2	1.42	1.0	8	35	50	2.75	20	2.73
N974215		5.79	0.8	5.61	83	2670	2.0	2	1.34	1.0	8	34	38	2.81	20	2.51
N974216		5.10	<0.5	3.69	88	1490	1.1	<2	1.21	<0.5	7	25	65	2.67	10	1.37
N974217		2.95	0.8	4.20	116	280	1.6	<2	2.64	1.4	14	30	56	2.91	10	1.71
N974218		0.59	<0.5	4.31	<5	560	0.6	<2	3.75	0.5	34	426	46	4.66	10	0.76
N974219		6.55	0.6	6.34	239	400	1.9	<2	3.31	1.8	15	82	38	3.91	10	2.86
N974220		5.07	<0.5	7.60	106	1260	1.8	<2	4.03	0.7	6	41	47	2.87	20	3.81
N974221		6.59	6.6	7.57	139	1240	1.6	4	4.07	1.3	8	50	27	2.96	20	3.76
N974222		5.60	0.8	6.48	175	1080	1.6	2	3.06	1.5	10	40	74	3.06	20	2.68
N974223		0.13	0.6	6.86	14	550	0.7	<2	3.14	0.9	14	57	86	4.76	10	1.00
N974224		5.10	<0.5	7.70	175	1060	1.6	<2	4.09	0.9	11	48	71	3.78	10	2.87
N974225		5.44	1.0	6.42	174	290	1.6	<2	3.08	1.2	13	56	40	3.93	10	2.41
N974226		5.00	0.6	6.66	215	620	1.3	3	3.87	1.5	14	28	87	3.98	10	2.49
N974227		7.31	<0.5	5.54	583	470	1.0	<2	4.17	0.8	31	340	131	4.25	10	2.55
N974228		4.83	0.5	5.47	268	460	1.4	<2	3.70	1.4	20	125	78	3.93	10	2.28
N974229		5.85	0.6	5.38	226	400	1.3	<2	3.52	1.7	17	46	38	3.71	10	2.37
N974230		6.06	<0.5	6.70	544	860	1.0	<2	3.72	1.4	18	42	74	4.27	10	1.54
N974231		5.84	<0.5	5.97	89	370	0.9	<2	3.05	1.4	11	31	70	3.33	10	1.21
N974232		3.94	<0.5	7.83	62	1140	0.9	<2	5.76	1.0	17	36	74	4.37	20	1.57
N974233		4.60	<0.5	7.75	61	1360	0.9	<2	6.71	1.0	20	33	67	4.64	20	1.35
N974234		<0.02	<0.5	7.44	54	1300	0.8	<2	6.67	0.9	15	32	64	4.56	10	1.29
N974235		7.58	<0.5	7.11	127	830	0.8	<2	4.66	1.1	20	65	84	5.27	10	1.32
N974236		5.85	<0.5	5.51	157	520	0.6	<2	6.92	0.7	36	268	83	6.31	10	0.94
N974237		0.13	0.6	6.35	15	630	0.8	<2	2.66	<0.5	12	58	225	4.47	10	0.97
N974238		5.80	<0.5	6.15	114	790	0.9	<2	2.66	<0.5	17	46	116	4.38	10	2.02
N974239		5.00	<0.5	7.43	47	1770	0.8	<2	2.22	0.5	18	51	85	4.80	20	1.79
N974240		4.82	<0.5	6.20	45	760	0.6	<2	3.51	<0.5	20	62	96	4.61	10	0.77
N974241		0.37	<0.5	4.47	7	560	0.7	<2	4.36	0.6	35	420	53	4.95	10	0.78
N974242		6.16	<0.5	6.63	56	900	0.6	<2	3.73	<0.5	22	55	58	4.70	10	0.78
N974243		6.40	<0.5	7.88	46	980	0.6	<2	4.24	<0.5	23	65	91	5.66	20	0.83
N974244		3.13	<0.5	8.24	41	2210	0.8	<2	2.85	0.8	19	51	90	5.23	20	1.73
N974245		5.51	<0.5	7.79	93	1540	0.7	<2	3.80	5.0	20	40	85	5.62	20	1.52
N974246		3.48	<0.5	4.40	49	580	<0.5	<2	2.40	12.9	7	44	42	2.40	10	1.28
N974247		3.29	<0.5	7.59	47	1820	0.7	<2	3.29	1.3	13	28	60	3.83	20	1.95
N974248		6.32	<0.5	6.97	114	860	0.7	4	2.93	4.7	15	45	108	4.26	10	1.93
N974249		3.75	<0.5	7.16	157	210	0.8	<2	3.39	4.5	21	46	89	4.97	10	1.87
N974250		4.92	<0.5	8.07	41	940	0.7	<2	5.20	0.6	22	33	61	5.40	20	0.96

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974211		10	0.84	2060	<1	0.09	21	150	970	0.47	<5	5	127	<20	0.08	<10
N974212		10	1.47	2890	1	0.08	24	230	18	0.15	<5	10	185	<20	0.16	10
N974213		20	1.58	3240	1	0.12	26	300	24	0.19	<5	9	159	<20	0.13	<10
N974214		20	1.75	3440	1	0.09	32	330	169	0.34	<5	10	180	<20	0.16	<10
N974215		20	1.79	3480	1	0.09	32	310	130	0.34	<5	9	162	<20	0.15	<10
N974216		10	1.57	3400	1	0.08	29	260	32	0.35	<5	8	129	<20	0.15	<10
N974217		10	1.28	5160	26	0.06	51	610	37	1.54	5	9	159	<20	0.15	<10
N974218		10	5.33	860	1	1.29	420	730	3	0.03	<5	15	213	<20	0.51	<10
N974219		10	1.50	1495	20	0.10	106	1020	28	2.58	6	9	281	<20	0.15	<10
N974220		<10	1.32	1315	1	0.20	46	1420	40	0.83	<5	5	308	<20	0.17	<10
N974221		10	1.33	1360	1	0.17	58	1390	1775	0.93	<5	5	334	<20	0.16	<10
N974222		10	1.23	1730	8	0.12	52	950	10	1.17	<5	9	226	<20	0.16	<10
N974223		10	1.35	810	7	2.33	35	660	15	0.06	<5	15	331	<20	0.34	<10
N974224		10	1.50	1460	10	0.28	66	1110	20	2.07	<5	9	298	<20	0.17	<10
N974225		10	1.32	956	19	0.13	70	1070	25	2.75	8	9	219	<20	0.16	<10
N974226		10	1.38	913	11	0.22	34	730	23	1.72	<5	14	216	<20	0.21	<10
N974227		10	4.48	1860	1	0.15	369	760	20	0.86	5	16	245	<20	0.17	<10
N974228		10	2.21	1130	13	0.09	138	780	20	2.08	5	14	253	<20	0.17	<10
N974229		10	1.58	1550	6	0.10	71	650	67	2.09	<5	14	276	<20	0.18	<10
N974230		10	1.84	916	7	0.47	34	730	10	1.33	7	17	276	<20	0.24	<10
N974231		10	1.15	710	10	0.64	34	560	8	1.37	<5	12	274	<20	0.16	<10
N974232		10	2.22	1440	4	0.93	23	610	4	1.67	6	22	339	<20	0.24	<10
N974233		10	2.74	1445	3	1.12	21	500	<2	0.92	<5	22	373	<20	0.23	<10
N974234		10	2.77	1450	3	1.10	18	510	<2	0.77	<5	22	365	<20	0.22	10
N974235		10	2.95	1405	8	0.95	46	860	<2	1.20	5	23	270	<20	0.24	<10
N974236		10	4.63	1815	3	0.89	72	870	<2	1.03	<5	34	325	<20	0.18	<10
N974237		10	1.23	776	15	2.25	44	690	8	0.13	<5	14	303	<20	0.33	<10
N974238		10	1.75	1020	16	0.46	44	680	4	0.92	5	16	155	<20	0.17	<10
N974239		10	2.50	1060	<1	0.92	26	540	<2	0.19	<5	21	210	<20	0.23	10
N974240		10	2.49	1515	1	1.22	32	740	2	0.08	<5	19	255	<20	0.21	<10
N974241		10	5.53	943	2	1.34	431	800	<2	0.03	<5	16	228	<20	0.56	<10
N974242		10	2.34	1310	<1	1.52	26	870	<2	0.39	<5	20	308	<20	0.26	<10
N974243		10	2.89	1230	<1	1.66	29	680	<2	0.29	<5	26	443	<20	0.30	<10
N974244		10	2.48	1035	1	1.18	24	560	<2	0.23	<5	24	317	<20	0.26	10
N974245		10	2.00	992	10	1.44	29	620	2	1.58	5	21	419	<20	0.23	<10
N974246		10	1.00	552	14	0.58	31	540	2	0.77	<5	11	149	<20	0.16	<10
N974247		10	1.63	694	11	1.27	19	490	2	0.81	5	19	246	<20	0.23	<10
N974248		10	1.30	714	49	1.52	49	500	6	1.59	<5	19	178	<20	0.23	10
N974249		20	1.36	797	16	1.51	44	1290	4	2.54	<5	18	203	<20	0.21	<10
N974250		10	2.46	1330	<1	1.75	20	790	<2	0.31	<5	22	384	<20	0.28	<10

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974211		<10	62	<10	64
N974212		<10	105	10	40
N974213		<10	59	10	58
N974214		<10	65	10	87
N974215		<10	62	10	84
N974216		<10	34	10	57
N974217		<10	158	<10	124
N974218		<10	128	<10	75
N974219		<10	160	10	156
N974220		<10	85	<10	83
N974221		<10	81	10	67
N974222		<10	137	<10	116
N974223		<10	133	20	78
N974224		<10	147	10	67
N974225		10	206	10	110
N974226		<10	176	10	124
N974227		<10	135	10	81
N974228		<10	183	10	135
N974229		<10	143	10	107
N974230		<10	188	10	117
N974231		<10	146	<10	126
N974232		<10	215	<10	112
N974233		<10	200	10	120
N974234		<10	190	10	128
N974235		<10	261	<10	181
N974236		<10	222	<10	117
N974237		<10	115	10	72
N974238		<10	173	<10	77
N974239		<10	154	<10	89
N974240		<10	144	<10	76
N974241		<10	137	<10	75
N974242		<10	159	<10	74
N974243		<10	214	10	93
N974244		<10	191	<10	128
N974245		<10	279	<10	231
N974246		<10	617	<10	726
N974247		<10	184	<10	121
N974248		<10	370	<10	284
N974249		<10	288	<10	289
N974250		<10	212	<10	121

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
N974251		6.36	<0.5	5.85	25	800	0.6	<2	5.57	<0.5	13	34	59	2.96	10	1.05
N974252		5.20	<0.5	8.14	14	800	0.9	<2	2.54	<0.5	12	19	32	4.32	20	1.12
N974253		7.95	<0.5	7.19	12	840	0.8	4	2.74	<0.5	7	15	37	2.83	20	1.21
N974254		4.85	<0.5	8.12	39	1340	0.8	<2	3.25	<0.5	14	122	44	3.77	20	1.70
N974255		4.33	<0.5	8.36	39	1590	0.8	<2	2.94	<0.5	15	107	50	3.85	20	1.92
N974256		4.38	<0.5	7.37	15	720	0.8	<2	3.19	<0.5	9	18	37	3.41	20	1.09
N974257		4.58	<0.5	8.09	9	690	0.8	3	2.97	<0.5	9	13	51	3.68	20	0.91
N974258		4.23	0.9	5.40	67	90	1.2	<2	3.39	3.3	16	47	80	4.50	10	1.94
N974259		5.79	1.0	5.14	63	80	1.2	<2	3.11	2.8	15	48	81	4.18	10	1.94
N974260		0.62	<0.5	4.38	<5	580	0.7	<2	3.98	0.6	34	432	51	4.83	10	0.77
N974261		5.67	1.2	5.04	75	70	1.1	<2	2.99	3.1	15	53	70	4.51	10	1.87
N974262		4.91	1.0	5.76	76	130	1.1	<2	3.49	1.8	18	48	77	4.75	10	1.80
N974263		4.72	0.7	6.45	72	280	1.2	<2	4.67	1.4	17	51	112	4.24	20	1.78
N974264		5.22	0.8	6.83	80	310	1.2	<2	4.67	1.6	19	55	135	4.41	20	1.93
N974265		5.36	2.7	4.92	101	90	1.2	<2	3.74	3.8	18	77	101	4.72	10	1.88
N974266		6.10	1.5	4.72	68	120	1.2	<2	3.12	3.9	15	48	104	3.99	10	1.79
N974267		0.10	<0.5	7.01	71	240	6.0	6	0.09	<0.5	73	57	1420	3.88	20	3.74
N974268		3.78	<0.5	6.39	79	310	1.3	<2	4.70	1.8	15	39	89	4.42	10	2.22
N974269		6.15	<0.5	6.91	90	490	1.3	<2	4.48	1.8	18	43	87	4.39	10	2.45
N974270		5.31	<0.5	7.64	189	980	1.2	<2	3.72	<0.5	10	92	41	2.71	20	2.34
N974271		5.93	<0.5	7.79	168	890	1.2	<2	3.37	<0.5	11	78	33	2.81	20	2.23
N974272		5.83	1.0	4.24	134	300	1.1	<2	3.23	4.9	16	54	110	3.98	10	1.71
N974273		5.10	0.5	3.36	46	620	0.9	<2	2.96	2.9	9	40	65	2.64	10	1.27
N974274		6.12	<0.5	6.74	58	560	1.4	<2	5.34	1.7	17	36	91	4.05	20	2.34
N974275		<0.02	<0.5	6.66	62	590	1.4	<2	5.29	2.1	17	35	95	4.02	10	2.36
N974276		4.66	0.7	6.27	63	270	1.4	2	4.92	2.0	17	50	76	4.62	10	2.12
N974277		4.72	0.7	6.51	52	190	1.3	<2	4.79	1.0	18	37	74	5.30	10	2.02
N974278		7.94	0.6	7.04	67	410	1.4	<2	4.72	1.8	17	46	86	4.68	10	2.14
N974279		4.04	<0.5	6.11	41	660	1.1	<2	5.18	1.9	15	39	61	4.10	10	1.96
N974280		4.78	1.0	5.30	66	330	1.1	<2	4.10	1.9	15	46	85	3.99	10	1.81
N974281		4.76	1.2	5.32	73	320	1.2	<2	3.89	3.4	14	44	99	4.05	10	1.96
N974282		0.56	<0.5	4.52	<5	670	0.7	<2	3.81	0.8	33	399	49	4.77	10	0.79
N974283		4.32	0.9	5.83	83	320	1.2	<2	3.97	1.9	14	37	118	4.12	10	2.00
N974284		5.38	<0.5	8.03	36	1180	1.2	<2	3.53	1.5	19	34	56	5.30	20	2.80
N974285		5.25	<0.5	6.83	48	920	1.2	<2	5.42	1.0	17	31	78	4.37	10	2.25
N974286		0.15	0.6	6.73	13	530	0.7	4	3.01	0.6	13	53	85	4.64	10	0.98
N974287		5.78	<0.5	7.06	41	880	1.1	<2	4.88	0.7	17	30	58	4.41	10	1.99
N974288		4.22	<0.5	7.54	36	1060	1.0	4	3.25	0.9	16	28	44	4.55	10	1.85
N974289		4.70	<0.5	8.15	51	1280	1.1	<2	3.02	0.9	21	34	50	4.87	20	2.06
N974290		4.89	<0.5	7.81	41	1310	1.1	<2	3.03	1.3	17	28	45	4.98	20	1.96

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
N974251		10	0.99	1280	1	1.36	17	610	2	0.36	<5	16	162	<20	0.27	<10
N974252		10	1.42	850	1	2.48	9	650	2	0.17	<5	16	227	<20	0.31	<10
N974253		10	0.99	616	<1	1.81	9	520	<2	0.16	<5	12	226	<20	0.26	<10
N974254		<10	2.73	998	<1	1.27	133	1590	<2	0.13	<5	10	277	<20	0.23	<10
N974255		<10	2.45	929	1	1.53	117	1680	5	0.29	<5	10	238	<20	0.24	<10
N974256		10	1.18	692	1	1.78	12	580	<2	0.20	<5	12	217	<20	0.29	<10
N974257		10	1.24	692	2	2.84	7	670	2	0.12	<5	14	193	<20	0.33	<10
N974258		20	1.35	727	26	0.13	60	1020	29	3.46	10	12	190	<20	0.14	<10
N974259		20	1.22	671	27	0.13	58	950	28	3.24	10	11	168	<20	0.13	10
N974260		10	5.38	900	1	1.29	419	720	<2	0.05	<5	15	238	<20	0.52	<10
N974261		20	1.14	687	27	0.12	64	980	34	3.56	12	11	181	<20	0.13	<10
N974262		20	1.54	849	23	0.24	54	1000	20	2.75	10	14	212	<20	0.15	<10
N974263		10	1.94	1085	9	0.24	42	880	13	2.00	14	17	256	<20	0.21	<10
N974264		10	1.98	1115	10	0.24	45	850	13	2.06	14	18	262	<20	0.21	<10
N974265		20	1.48	673	19	0.13	83	1230	54	3.83	15	12	178	<20	0.14	<10
N974266		20	1.21	642	24	0.12	64	1230	36	3.11	13	10	147	<20	0.14	<10
N974267		40	0.56	276	4	0.04	43	620	19	0.04	<5	14	34	<20	0.25	<10
N974268		20	1.83	1005	12	0.28	38	830	11	2.64	7	17	238	<20	0.19	<10
N974269		10	1.73	985	11	0.47	40	860	9	2.79	<5	19	245	<20	0.22	<10
N974270		10	1.80	953	<1	1.73	103	960	<2	0.43	<5	7	331	<20	0.14	<10
N974271		10	1.78	922	1	2.22	90	1000	<2	0.41	<5	7	365	<20	0.14	<10
N974272		20	1.16	650	22	0.13	75	1630	19	3.00	9	9	152	<20	0.17	<10
N974273		20	1.03	630	10	0.16	36	890	13	1.50	5	7	121	<20	0.13	<10
N974274		10	1.82	1380	13	0.62	26	740	8	2.32	5	18	236	<20	0.24	<10
N974275		10	1.79	1370	12	0.60	28	730	8	2.34	<5	18	235	<20	0.24	<10
N974276		20	1.91	1160	18	0.26	45	990	19	2.93	6	16	218	<20	0.20	<10
N974277		10	1.90	1060	12	0.22	33	640	16	3.69	7	18	226	<20	0.17	<10
N974278		20	1.84	1050	22	0.22	44	950	15	2.97	7	17	238	<20	0.19	<10
N974279		10	1.94	1100	9	0.52	27	740	9	2.02	<5	16	232	<20	0.22	<10
N974280		20	1.50	885	57	0.40	50	1050	19	2.49	8	12	177	<20	0.17	<10
N974281		20	1.49	833	28	0.22	56	890	24	2.61	11	11	162	<20	0.17	<10
N974282		10	5.08	881	2	1.37	410	760	<2	0.05	<5	15	219	<20	0.55	<10
N974283		20	1.61	744	12	0.26	43	670	15	2.59	7	13	188	<20	0.18	<10
N974284		10	2.95	866	2	0.61	20	540	4	1.03	<5	24	208	<20	0.21	<10
N974285		10	2.58	1085	5	0.37	22	610	4	1.32	<5	19	281	<20	0.18	<10
N974286		10	1.31	780	8	2.32	35	640	16	0.06	6	15	331	<20	0.33	<10
N974287		10	2.57	1150	6	0.98	22	520	2	1.37	<5	20	294	<20	0.18	<10
N974288		10	2.72	930	2	1.68	17	510	<2	0.59	<5	21	269	<20	0.18	<10
N974289		10	2.64	873	2	1.58	20	510	3	0.81	<5	24	277	<20	0.22	<10
N974290		10	2.59	806	2	1.04	17	540	3	0.55	<5	22	279	<20	0.21	10

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

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOD	10	1	10	2
N974251		<10	132	<10	61
N974252		<10	128	<10	92
N974253		<10	85	<10	56
N974254		<10	134	<10	75
N974255		<10	137	<10	73
N974256		<10	94	10	66
N974257		<10	103	<10	65
N974258		<10	281	10	249
N974259		<10	276	10	212
N974260		<10	132	<10	74
N974261		<10	287	<10	247
N974262		10	275	<10	213
N974263		10	239	10	172
N974264		10	246	10	185
N974265		<10	307	10	314
N974266		<10	295	10	318
N974267		<10	79	<10	27
N974268		<10	217	<10	125
N974269		<10	253	10	136
N974270		<10	92	<10	65
N974271		<10	96	<10	64
N974272		10	359	10	360
N974273		<10	206	<10	206
N974274		<10	227	10	155
N974275		<10	223	10	161
N974276		<10	230	10	141
N974277		<10	197	10	72
N974278		<10	230	10	116
N974279		<10	195	10	136
N974280		10	243	10	148
N974281		<10	252	<10	253
N974282		<10	133	<10	74
N974283		<10	209	<10	151
N974284		<10	211	10	197
N974285		<10	188	<10	101
N974286		<10	127	10	76
N974287		<10	186	10	102
N974288		<10	182	<10	170
N974289		<10	218	<10	159
N974290		<10	186	<10	180

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1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185436

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-ICP61

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185472

Project: 10008967-BPI

P.O. No.: 866-SMG-B25

This report is for 80 Reject samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen1kg to 106 to 106um
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

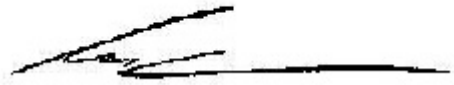
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 to 106 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185472

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974051		0.36	0.37	0.36	0.016	43.80	1071.5	0.36	0.35
N974052		<0.05	<0.05	<0.05	<0.001	26.72	1030.0	0.03	0.02
N974053		<0.05	<0.05	<0.05	<0.001	24.81	1060.0	<0.01	<0.01
N974054		<0.05	<0.05	<0.05	<0.001	43.08	970.7	<0.01	<0.01
N974055		<0.05	<0.05	<0.05	<0.001	25.36	951.4	<0.01	<0.01
N974056		<0.05	<0.05	<0.05	<0.001	73.91	1058.5	<0.01	<0.01
N974057		<0.05	<0.05	<0.05	<0.001	63.84	1032.5	<0.01	0.01
N974058		<0.05	<0.05	<0.05	<0.001	67.12	971.6	<0.01	<0.01
N974060		<0.05	<0.05	<0.05	<0.001	72.54	1152.5	<0.01	<0.01
N974061		<0.05	<0.05	<0.05	<0.001	57.69	1042.0	<0.01	<0.01
N974062		<0.05	<0.05	<0.05	<0.001	25.22	898.5	<0.01	<0.01
N974063		0.05	<0.05	0.05	<0.001	16.67	911.9	0.06	0.04
N974064		0.28	1.77	0.24	0.041	23.21	926.6	0.19	0.29
N974065		<0.05	<0.05	<0.05	<0.001	15.42	903.4	<0.01	<0.01
N974067		<0.05	<0.05	<0.05	<0.001	13.36	910.5	<0.01	<0.01
N974068		<0.05	<0.05	<0.05	<0.001	9.77	910.9	<0.01	<0.01
N974069		<0.05	<0.05	<0.05	<0.001	10.31	909.4	0.01	<0.01
N974070		0.11	<0.05	0.11	<0.001	14.24	909.2	0.17	0.05
N974071		<0.05	<0.05	<0.05	<0.001	15.78	911.9	<0.01	<0.01
N974072		<0.05	<0.05	<0.05	<0.001	26.27	901.7	<0.01	<0.01
N974073		<0.05	<0.05	<0.05	<0.001	16.38	889.6	<0.01	<0.01
N974074		<0.05	<0.05	<0.05	<0.001	29.82	893.8	<0.01	<0.01
N974075		<0.05	<0.05	<0.05	<0.001	39.34	898.4	<0.01	<0.01
N974076		<0.05	<0.05	<0.05	<0.001	49.98	866.3	<0.01	<0.01
N974077		<0.05	<0.05	<0.05	<0.001	33.95	896.8	<0.01	<0.01
N974078		<0.05	<0.05	<0.05	<0.001	44.10	878.6	<0.01	<0.01
N974080		<0.05	<0.05	<0.05	<0.001	33.89	891.2	<0.01	<0.01
N974081		<0.05	<0.05	<0.05	<0.001	59.44	847.4	<0.01	<0.01
N974082		<0.05	<0.05	<0.05	<0.001	63.66	885.8	<0.01	<0.01
N974083		<0.05	<0.05	<0.05	<0.001	53.66	866.9	<0.01	<0.01
N974084		<0.05	<0.05	<0.05	<0.001	67.18	840.8	<0.01	<0.01
N974085		<0.05	<0.05	<0.05	<0.001	47.05	879.5	<0.01	<0.01
N974087		<0.05	<0.05	<0.05	<0.001	68.31	857.8	<0.01	<0.01
N974088		<0.05	<0.05	<0.05	<0.001	68.20	852.6	<0.01	<0.01
N974089		<0.05	0.05	<0.05	0.002	41.85	905.4	0.01	<0.01
N974090		<0.05	<0.05	<0.05	<0.001	33.57	896.4	0.01	0.01
N974091		<0.05	<0.05	<0.05	<0.001	88.06	820.3	<0.01	<0.01
N974092		<0.05	<0.05	<0.05	<0.001	83.27	820.4	<0.01	<0.01
N974093		<0.05	<0.05	<0.05	<0.001	72.21	827.4	<0.01	<0.01
N974094		0.28	0.44	0.28	0.013	29.81	903.4	0.27	0.28

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185472

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974095		0.22	0.48	0.20	0.035	73.39	844.0	0.21	0.19
N974096		0.10	0.08	0.11	0.003	38.14	868.7	0.11	0.10
N974097		0.21	1.18	0.17	0.051	43.35	871.0	0.19	0.14
N974098		0.05	0.22	0.05	0.005	23.05	880.9	0.05	0.05
N974099		0.07	0.07	0.07	0.004	61.44	848.6	0.06	0.08
N974100		0.11	0.28	0.10	0.011	39.10	885.5	0.09	0.11
N974101		0.51	3.32	0.39	0.124	37.37	905.0	0.37	0.41
N974103		0.17	1.73	0.14	0.028	16.16	891.5	0.15	0.13
N974104		0.42	0.32	0.43	0.017	52.48	840.3	0.41	0.44
N974105		0.24	0.31	0.24	0.017	55.32	852.0	0.23	0.25
N974107		<0.05	<0.05	<0.05	<0.001	33.99	898.2	0.01	0.01
N974108		<0.05	0.10	<0.05	0.003	31.05	891.9	0.04	0.04
N974109		0.27	0.53	0.26	0.028	53.02	848.2	0.23	0.28
N974110		0.90	4.81	0.73	0.196	40.75	890.4	0.76	0.69
N974111		0.30	0.63	0.28	0.028	44.59	889.3	0.27	0.29
N974112		0.25	0.30	0.25	0.016	52.74	892.3	0.24	0.25
N974113		0.05	0.23	0.05	0.011	48.08	856.8	0.04	0.05
N974114		0.08	0.76	0.05	0.037	48.73	860.3	0.04	0.05
N974115		0.05	0.41	<0.05	0.017	41.49	871.0	0.03	0.03
N974116		0.78	20.7	0.17	0.571	27.64	895.9	0.18	0.15
N974117		<0.05	0.06	<0.05	0.002	34.68	882.3	0.04	0.02
N974118		<0.05	<0.05	<0.05	<0.001	29.29	894.4	<0.01	<0.01
N974119		<0.05	<0.05	<0.05	<0.001	51.37	878.9	0.01	<0.01
N974120		<0.05	<0.05	<0.05	<0.001	75.21	839.8	<0.01	<0.01
N974122		<0.05	<0.05	<0.05	<0.001	46.38	852.8	<0.01	<0.01
N974123		<0.05	<0.05	<0.05	<0.001	46.14	892.2	<0.01	<0.01
N974124		<0.05	<0.05	<0.05	<0.001	64.26	869.0	<0.01	<0.01
N974125		<0.05	<0.05	<0.05	<0.001	46.25	894.3	0.01	<0.01
N974126		<0.05	<0.05	<0.05	<0.001	30.78	885.5	<0.01	<0.01
N974127		<0.05	<0.05	<0.05	<0.001	44.13	895.3	<0.01	<0.01
N974129		<0.05	<0.05	<0.05	<0.001	40.94	885.4	<0.01	<0.01
N974130		<0.05	0.46	<0.05	0.019	41.06	878.6	0.01	0.02

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185472

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:				
	BAG-01	FND-03	LOG-21	LOG-21d
	PUL-32	PUL-32d	PUL-QC	SCR-21
	SPL-21	SPL-21d		

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

Applies to Method:			
	Au-AA25	Au-AA25D	Au-SCR21

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185473

Project: 1008967-BPI

P.O. No.: 886-SMG-B26

This report is for 80 Reject samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen1kg to 106 to 106um
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

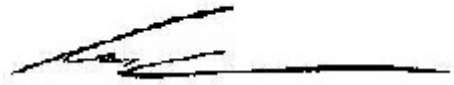
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 to 106 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185473

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974131		<0.05	<0.05	<0.05	<0.001	38.41	895.5	0.01	0.01
N974132		<0.05	<0.05	0.05	<0.001	38.87	856.4	0.04	0.05
N974133		<0.05	<0.05	<0.05	<0.001	37.85	913.7	0.02	0.02
N974134		0.14	0.23	0.14	0.009	39.39	908.2	0.14	0.14
N974135		<0.05	<0.05	<0.05	<0.001	40.33	916.6	0.03	0.02
N974137		<0.05	<0.05	<0.05	<0.001	42.70	985.3	0.01	0.01
N974138		<0.05	<0.05	<0.05	<0.001	36.58	757.4	0.04	0.04
N974139		<0.05	<0.05	<0.05	<0.001	44.60	909.4	0.03	0.02
N974140		<0.05	<0.05	<0.05	<0.001	37.94	850.9	0.01	0.01
N974141		<0.05	<0.05	<0.05	<0.001	42.62	829.4	0.01	0.01
N974142		0.14	0.25	0.13	0.011	43.57	722.9	0.15	0.11
N974143		0.14	0.15	0.14	0.007	45.52	969.1	0.15	0.13
N974144		<0.05	<0.05	<0.05	<0.001	48.58	981.0	0.02	0.01
N974145		<0.05	<0.05	<0.05	<0.001	43.65	949.0	0.02	0.01
N974146		0.20	0.19	0.20	0.007	36.39	844.0	0.15	0.25
N974148		<0.05	<0.05	<0.05	0.001	43.99	975.8	0.02	0.03
N974149		0.22	0.25	0.22	0.009	36.14	1008.0	0.22	0.21
N974150		0.21	0.38	0.20	0.015	39.65	962.4	0.21	0.19
N974151		<0.05	<0.05	<0.05	0.001	35.74	967.3	0.04	0.03
N974152		0.06	0.05	0.06	0.002	37.64	959.3	0.07	0.05
N974153		0.12	0.26	0.12	0.011	41.90	987.0	0.14	0.09
N974154		0.09	0.11	0.09	0.004	37.61	955.8	0.10	0.08
N974155		0.09	0.13	0.09	0.005	37.87	943.3	0.09	0.09
N974157		0.10	0.09	0.10	0.004	46.34	999.7	0.10	0.10
N974158		<0.05	<0.05	<0.05	<0.001	42.55	980.8	0.01	0.01
N974159		<0.05	<0.05	0.05	<0.001	43.76	1002.0	0.05	0.04
N974160		<0.05	<0.05	<0.05	<0.001	43.70	953.8	0.03	0.03
N974162		<0.05	<0.05	<0.05	<0.001	44.80	973.9	<0.01	0.01
N974163		<0.05	0.05	<0.05	0.002	40.28	809.6	0.01	0.01
N974164		0.05	<0.05	0.05	0.001	36.96	627.7	0.05	0.05
N974165		0.08	0.11	0.08	0.005	44.05	1100.0	0.10	0.05
N974166		<0.05	<0.05	<0.05	0.001	44.89	890.9	0.01	0.02
N974167		<0.05	0.07	<0.05	0.003	43.43	970.8	0.01	0.01
N974168		<0.05	<0.05	<0.05	<0.001	40.52	943.2	0.01	<0.01
N974169		<0.05	<0.05	<0.05	<0.001	40.91	990.7	0.01	0.01
N974170		<0.05	<0.05	<0.05	<0.001	45.95	959.9	0.01	0.01
N974171		<0.05	<0.05	<0.05	<0.001	36.88	893.8	0.02	0.01
N974172		<0.05	<0.05	<0.05	<0.001	37.51	897.3	0.02	0.02
N974173		<0.05	<0.05	<0.05	<0.001	37.16	898.3	0.02	<0.01
N974174		<0.05	<0.05	<0.05	<0.001	36.40	992.7	0.01	0.01

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185473

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974175		<0.05	<0.05	<0.05	<0.001	38.47	973.9	0.01	0.01
N974176		0.07	0.13	0.07	0.005	38.11	939.9	0.07	0.07
N974177		0.07	0.30	0.06	0.011	37.15	953.0	0.06	0.06
N974178		<0.05	0.05	<0.05	0.002	40.91	953.6	0.03	0.02
N974179		0.05	<0.05	0.05	0.001	47.26	925.7	0.05	0.05
N974180		0.06	<0.05	0.06	0.002	44.75	1077.5	0.06	0.06
N974181		0.10	0.10	0.10	0.004	40.12	915.4	0.09	0.10
N974182		<0.05	<0.05	<0.05	0.001	42.11	947.7	0.04	0.04
N974183		0.18	0.15	0.19	0.006	38.82	912.6	0.19	0.18
N974184		0.20	0.17	0.21	0.008	46.89	942.7	0.22	0.19
N974185		0.11	0.15	0.11	0.006	39.03	966.0	0.10	0.11
N974187		0.05	0.09	0.05	0.004	44.90	1008.5	0.04	0.06
N974189		<0.05	0.05	<0.05	0.002	44.15	1003.5	0.01	0.01
N974190		0.18	0.07	0.19	0.003	40.63	944.1	0.19	0.18
N974191		0.07	0.13	0.07	0.006	47.57	927.6	0.06	0.07
N974192		0.05	0.05	0.05	0.002	39.23	909.8	0.04	0.05
N974193		<0.05	0.11	<0.05	0.004	37.83	915.8	0.04	0.04
N974194		0.05	0.08	0.05	0.004	48.16	975.8	0.05	0.05
N974195		0.05	0.09	0.05	0.004	45.53	937.9	0.05	0.05
N974196		0.12	0.09	0.12	0.004	42.76	945.6	0.12	0.12
N974197		<0.05	<0.05	<0.05	<0.001	48.47	931.0	0.03	0.03
N974199		<0.05	<0.05	<0.05	<0.001	46.81	1000.5	0.02	0.02
N974200		0.06	0.18	0.06	0.009	49.32	920.9	0.06	0.05
N974201		<0.05	<0.05	<0.05	<0.001	42.45	945.0	<0.01	<0.01
N974203		<0.05	<0.05	<0.05	<0.001	42.97	946.9	<0.01	<0.01
N974204		0.06	0.87	<0.05	0.038	43.82	905.7	0.02	0.02
N974205		0.07	0.05	0.07	0.002	40.93	928.3	0.07	0.07
N974206		<0.05	<0.05	<0.05	<0.001	35.92	930.0	0.01	0.01
N974207		<0.05	0.08	<0.05	0.003	38.33	959.2	0.03	0.03
N974208		0.19	0.17	0.20	0.007	41.37	950.7	0.21	0.18
N974209		0.29	0.61	0.28	0.024	39.65	944.0	0.33	0.22
N974210		0.35	0.44	0.35	0.017	39.07	956.4	0.35	0.35

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

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185473

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:				
	BAG-01	FND-03	LOG-21	LOG-21d
	PUL-32	PUL-32d	PUL-QC	SCR-21
	SPL-21	SPL-21d		

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

Applies to Method:			
	Au-AA25	Au-AA25D	Au-SCR21

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 26-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185477

Project: 1008967-BPI

P.O. No.: 886-SMG-B27

This report is for 80 Reject samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen1kg to 106 to 106um
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

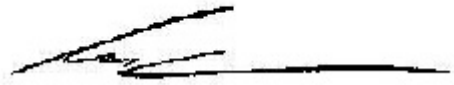
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 to 106 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 26-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185477

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974211		0.30	1.48	0.27	0.042	28.36	946.7	0.30	0.23
N974212		<0.05	<0.05	<0.05	<0.001	26.96	812.6	0.02	0.03
N974213		<0.05	<0.05	<0.05	<0.001	31.28	815.1	0.04	0.04
N974214		<0.05	<0.05	<0.05	0.001	32.49	868.3	0.03	0.03
N974215		<0.05	0.51	<0.05	0.024	47.28	996.4	0.01	0.02
N974216		<0.05	<0.05	<0.05	<0.001	44.56	945.9	0.01	<0.01
N974217		0.07	<0.05	0.07	<0.001	46.56	749.1	0.07	0.07
N974219		0.20	0.37	0.19	0.018	48.69	839.6	0.17	0.20
N974220		0.08	0.13	0.08	0.006	47.39	826.0	0.08	0.07
N974221		0.73	2.94	0.63	0.139	47.25	1039.5	0.63	0.62
N974222		0.17	0.10	0.18	0.004	40.22	844.5	0.17	0.18
N974224		0.11	0.16	0.11	0.007	44.40	842.4	0.09	0.12
N974225		0.49	0.56	0.49	0.029	51.64	821.0	0.44	0.53
N974226		0.16	0.35	0.16	0.013	37.57	1031.5	0.16	0.15
N974227		<0.05	<0.05	<0.05	<0.001	47.08	983.7	<0.01	<0.01
N974228		0.11	0.08	0.11	0.004	49.16	845.9	0.14	0.08
N974229		0.15	0.15	0.16	0.006	39.02	915.1	0.17	0.14
N974230		0.09	0.06	0.10	0.003	49.52	833.2	0.08	0.11
N974231		0.20	0.23	0.20	0.011	47.35	867.6	0.16	0.23
N974232		<0.05	<0.05	<0.05	<0.001	44.40	917.7	0.02	0.01
N974233		<0.05	<0.05	<0.05	<0.001	46.16	994.2	0.01	<0.01
N974234		<0.05	<0.05	<0.05	<0.001	45.17	771.1	0.01	<0.01
N974235		<0.05	<0.05	<0.05	<0.001	33.57	796.4	0.01	<0.01
N974236		<0.05	<0.05	<0.05	<0.001	44.66	669.8	0.01	<0.01
N974238		<0.05	<0.05	<0.05	<0.001	36.79	793.3	0.01	<0.01
N974239		<0.05	<0.05	<0.05	<0.001	47.27	807.9	<0.01	<0.01
N974240		<0.05	<0.05	<0.05	<0.001	43.92	848.0	<0.01	<0.01
N974242		<0.05	<0.05	<0.05	<0.001	48.05	782.2	<0.01	<0.01
N974243		<0.05	<0.05	<0.05	<0.001	33.70	782.3	0.02	<0.01
N974244		<0.05	<0.05	<0.05	<0.001	46.03	825.0	<0.01	<0.01
N974245		<0.05	<0.05	<0.05	<0.001	39.15	796.4	<0.01	<0.01
N974246		<0.05	<0.05	<0.05	<0.001	49.58	689.3	0.01	<0.01
N974247		<0.05	<0.05	<0.05	<0.001	43.81	845.5	0.01	<0.01
N974248		<0.05	<0.05	<0.05	<0.001	40.35	788.1	0.01	<0.01
N974249		<0.05	<0.05	<0.05	<0.001	49.74	542.0	0.01	<0.01
N974250		<0.05	<0.05	<0.05	<0.001	45.98	801.4	<0.01	<0.01
N974251		<0.05	0.05	<0.05	0.002	42.83	713.0	0.01	<0.01
N974252		<0.05	<0.05	<0.05	<0.001	46.88	859.2	<0.01	<0.01
N974253		<0.05	<0.05	<0.05	<0.001	39.07	795.2	<0.01	<0.01
N974254		<0.05	<0.05	<0.05	<0.001	37.72	921.5	<0.01	<0.01

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

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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 26-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185477

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974255		<0.05	<0.05	<0.05	<0.001	48.08	820.4	<0.01	<0.01
N974256		<0.05	<0.05	<0.05	<0.001	47.72	824.9	<0.01	<0.01
N974257		<0.05	<0.05	<0.05	<0.001	47.50	948.5	<0.01	<0.01
N974258		0.15	0.16	0.15	0.006	38.13	909.5	0.16	0.13
N974259		0.18	0.17	0.18	0.008	46.02	922.6	0.19	0.17
N974261		0.19	0.31	0.19	0.011	35.92	1010.0	0.19	0.19
N974262		0.16	0.21	0.16	0.010	47.47	784.7	0.16	0.16
N974263		0.08	0.08	0.08	0.004	48.09	770.5	0.07	0.08
N974264		0.07	<0.05	0.07	<0.001	47.95	769.5	0.08	0.06
N974265		0.40	0.58	0.39	0.028	47.99	787.8	0.39	0.39
N974266		0.26	0.28	0.26	0.011	39.03	726.0	0.26	0.26
N974268		0.05	0.10	0.05	0.005	48.22	715.8	0.05	0.04
N974269		<0.05	<0.05	<0.05	<0.001	45.67	894.6	0.03	0.03
N974270		<0.05	<0.05	<0.05	<0.001	47.64	805.0	0.02	<0.01
N974271		<0.05	<0.05	<0.05	<0.001	44.11	771.8	0.03	0.01
N974272		0.09	0.08	0.09	0.003	38.84	832.1	0.10	0.08
N974273		0.06	0.06	0.06	0.002	34.53	699.0	0.06	0.06
N974274		<0.05	<0.05	<0.05	<0.001	34.61	780.9	0.04	0.03
N974275		<0.05	<0.05	<0.05	<0.001	45.34	835.8	0.04	0.03
N974276		0.08	<0.05	0.09	0.002	48.07	672.1	0.09	0.08
N974277		0.08	0.16	0.08	0.008	49.27	884.0	0.08	0.08
N974278		0.07	<0.05	0.08	0.002	46.64	749.0	0.08	0.07
N974279		<0.05	<0.05	<0.05	<0.001	46.60	785.6	0.04	0.04
N974280		0.07	0.05	0.08	0.002	39.51	841.2	0.08	0.07
N974281		0.12	0.05	0.12	0.002	40.86	737.1	0.12	0.12
N974283		0.12	<0.05	0.13	0.002	48.49	857.2	0.12	0.13
N974284		0.08	0.32	0.07	0.015	46.59	703.8	0.08	0.05
N974285		<0.05	<0.05	0.05	0.002	47.11	771.9	0.05	0.04
N974287		<0.05	<0.05	<0.05	0.001	46.63	831.1	0.03	0.01
N974288		<0.05	<0.05	<0.05	0.001	44.14	756.9	0.04	0.04
N974289		<0.05	<0.05	<0.05	<0.001	38.70	952.6	0.01	0.01
N974290		<0.05	<0.05	<0.05	<0.001	48.82	694.8	0.01	0.01

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

ALS Canada Ltd.
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To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 26-AUG-2018
Account: SPMOGO

Project: 1008967-BPI

CERTIFICATE OF ANALYSIS KL18185477

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:				
	BAG-01	FND-03	LOG-21	LOG-21d
	PUL-32	PUL-32d	PUL-QC	SCR-21
	SPL-21	SPL-21d		

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

Applies to Method:			
	Au-AA25	Au-AA25D	Au-SCR21

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To: **SPANISH MOUNTAIN GOLD LTD**
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VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
This copy reported on
28-FEB-2019
Account: SPMOGO

KL18185478

Project: 10008967-BPI

P.O. No.: 886-SMG-B28

This report is for 70 Reject samples submitted to our lab in Kamloops, BC, Canada on 28-JUL-2018.

The following have access to data associated with this certificate:

DISCOVERY CONSULTANTS	JUDY STOETERAU	LARRY YAU

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen1kg to 106 to 106um
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

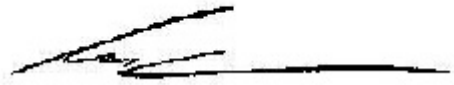
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 to 106 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **SPANISH MOUNTAIN GOLD LTD**
ATTN: ALS GEOCHEMISTRY

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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VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185478

Sample Description	Method Analyte Units LOD	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
N974291		<0.05	<0.05	<0.05	<0.001	47.49	897.3	0.02	0.02
N974292		<0.05	<0.05	<0.05	<0.001	46.35	883.9	0.02	0.05
N974293		<0.05	<0.05	<0.05	<0.001	37.77	909.8	0.02	0.01
N974295		<0.05	<0.05	<0.05	<0.001	44.28	911.2	0.03	0.03
N974296		<0.05	<0.05	<0.05	<0.001	36.74	927.0	0.04	0.03
N974297		<0.05	<0.05	<0.05	<0.001	44.66	911.6	0.02	0.01
N974298		0.14	0.49	0.12	0.019	38.59	914.0	0.07	0.17
N974299		0.08	0.14	0.08	0.006	42.61	904.9	0.07	0.08
N974300		0.11	0.08	0.11	0.004	48.62	903.7	0.11	0.11
N974301		0.06	0.09	0.06	0.004	46.50	897.8	0.06	0.05
N974302		<0.05	<0.05	<0.05	<0.001	38.39	915.2	0.02	0.02
N974303		0.05	0.05	0.05	0.002	42.03	902.7	0.05	0.04
N974304		0.05	0.05	0.06	0.002	38.68	898.8	0.05	0.06
N974305		<0.05	<0.05	0.05	<0.001	47.40	896.9	0.04	0.05
N974306		0.05	<0.05	0.05	0.001	34.08	906.4	0.05	0.05
N974308		<0.05	<0.05	<0.05	0.001	38.06	915.3	0.04	0.04
N974309		0.09	0.36	0.08	0.013	36.51	915.5	0.08	0.07
N974310		0.11	0.05	0.11	0.002	38.32	914.0	0.11	0.11
N974311		0.13	0.14	0.13	0.005	35.45	916.6	0.13	0.12
N974312		0.10	0.05	0.11	0.002	39.44	901.6	0.11	0.10
N974313		0.10	0.09	0.10	0.004	42.56	907.1	0.10	0.10
N974314		0.17	0.44	0.16	0.018	41.30	911.3	0.12	0.19
N974315		<0.05	<0.05	<0.05	<0.001	41.34	902.9	0.03	0.01
N974317		<0.05	0.35	<0.05	0.014	39.63	903.7	0.01	0.01
N974318		0.18	0.41	0.18	0.015	36.79	917.0	0.19	0.16
N974319		0.30	0.23	0.30	0.011	47.78	901.5	0.29	0.31
N974320		<0.05	<0.05	<0.05	<0.001	34.76	913.8	0.04	0.02
N974321		<0.05	<0.05	<0.05	<0.001	38.27	901.6	<0.01	0.01
N974322		<0.05	<0.05	<0.05	<0.001	40.42	907.4	<0.01	<0.01
N974323		0.19	0.30	0.19	0.013	43.82	907.1	0.21	0.16
N974325		0.22	0.65	0.20	0.031	47.61	892.2	0.25	0.15
N974326		0.07	0.16	0.07	0.006	38.30	902.5	0.07	0.06
N974327		0.15	0.82	0.13	0.029	35.35	908.3	0.11	0.14
N974328		0.16	0.51	0.15	0.020	39.33	908.2	0.12	0.18
N974329		<0.05	<0.05	<0.05	<0.001	37.01	917.8	0.03	0.02
N974330		<0.05	<0.05	<0.05	<0.001	44.44	905.4	<0.01	<0.01
N974331		<0.05	<0.05	<0.05	<0.001	36.66	886.0	<0.01	<0.01
N974332		<0.05	<0.05	<0.05	<0.001	45.13	909.3	<0.01	<0.01
N974333		<0.05	<0.05	<0.05	<0.001	37.33	906.4	0.02	0.01
N974334		0.09	0.27	0.08	0.012	44.25	898.3	0.07	0.09

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

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To: **SPANISH MOUNTAIN GOLD LTD**
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VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185478

Sample Description	Method	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
	Analyte	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
	Units	ppm	ppm	ppm	mg	g	g	ppm	ppm
	LOD	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
N974336		0.08	0.16	0.08	0.006	36.45	886.1	0.07	0.09
N974337		0.06	<0.05	0.06	<0.001	44.98	838.3	0.05	0.07
N974338		0.10	0.09	0.10	0.003	34.48	840.3	0.10	0.10
N974339		0.07	0.07	0.08	0.003	44.88	904.6	0.08	0.07
N974340		0.06	<0.05	0.07	0.001	32.01	878.5	0.07	0.06
N974341		<0.05	<0.05	<0.05	0.002	47.62	899.6	0.02	0.02
N974342		<0.05	<0.05	<0.05	<0.001	44.82	865.5	<0.01	<0.01
N974343		<0.05	<0.05	<0.05	<0.001	44.79	796.9	<0.01	<0.01
N974344		<0.05	<0.05	<0.05	<0.001	46.65	891.7	<0.01	0.01
N974346		<0.05	<0.05	<0.05	<0.001	36.60	755.8	<0.01	<0.01
N974347		<0.05	<0.05	<0.05	<0.001	36.37	853.6	<0.01	<0.01
N974348		<0.05	<0.05	<0.05	0.001	39.77	683.5	0.02	0.01
N974349		<0.05	<0.05	<0.05	<0.001	35.30	871.9	<0.01	<0.01
N974350		<0.05	<0.05	<0.05	<0.001	36.90	717.8	<0.01	<0.01
N974351		<0.05	<0.05	<0.05	<0.001	46.12	869.8	<0.01	<0.01
N974352		<0.05	<0.05	<0.05	<0.001	48.10	883.4	<0.01	<0.01
N974353		<0.05	0.05	<0.05	0.002	36.70	778.5	0.03	0.03
N974354		0.06	0.05	0.06	0.002	38.09	860.6	0.06	0.06
N974356		0.15	0.12	0.15	0.004	33.78	725.0	0.15	0.15
N974357		0.17	0.16	0.17	0.006	36.95	791.2	0.18	0.16
N974359		0.13	0.24	0.13	0.008	33.75	776.5	0.13	0.12
N974360		0.13	0.15	0.13	0.007	45.21	821.4	0.13	0.12

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **SPANISH MOUNTAIN GOLD LTD**
1120 - 1095 WEST PENDER STREET
VANCOUVER BC V6E 2M6

Finalized Date: 28-AUG-2018
Account: SPMOGO

Project: 10008967-BPI

CERTIFICATE OF ANALYSIS KL18185478

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:				
	BAG-01	FND-03	LOG-21	LOG-21d
	PUL-32	PUL-32d	PUL-QC	SCR-21
	SPL-21	SPL-21d		

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

Applies to Method:			
	Au-AA25	Au-AA25D	Au-SCR21

APPENDIX III

Drill Logs and RQD

Phoenix Zone and Main Zone

DRILL HOLE REPORT

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

Drilling

Azimuth:	0
Dip:	-90
Length:	154.53
Started:	18-Jul-18
Completed:	19-Jul-18
Logged:	18-Jul-18

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	HQ
Storage:	Spanish Mou
Section:	Section 1
Hole Type	EXP

Location

Township:	LIKELY
Claim No.:	517485
NTS:	93A/12
Hole:	SURFACE

Other

Logged by:	Agnes
Relog by:	
Contractor:	Atlas Drilling
Spotted by:	
Surveyed:	no
Surveyed by:	Trimble DGPS
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: Argillite with felsic dykes, mineralization it`s py with trace of Arcenopyrite at 138.72m. Target depth reached at 154.53m EOH.

Coordinate - Gemcom

East:	601737
North:	5828697
Elev.:	1013

Coordinate - UTM

East:	601737
North:	5828697
Elev.:	1013
Zone:	10
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	0.00	-90.00	C	☑	
78.33	179.40	-89.90	R	☑	AT 257 FT
108.81	270.20	-89.80	R	☑	AT 357 FT
139.29	273.50	-89.80	R	☑	AT 457 FT eoh

LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	64.01	**CAS** ***Casing*** Casing. No core recovered.This is a depth of overburden comparable to 11-CCR-030 to the south, which had 85 m of overburden.					
64.01	76.37	**SLTSTN** ***Siltstone*** medium to dark grey, with broken sections. Core loss at the top of the hole. Patchy bleached sections, and occasional lithic fragments suggest this was a debris flow locally. Minor qtz carbonate veining and bleaching at top of the contact with overburden.	N974051	64.00	65.50	1.50	0.36
			N974052	65.50	67.00	1.50	0.03
			N974053	67.00	68.50	1.50	0.03
			N974054	68.50	70.00	1.50	0.03
			N974056	70.00	71.50	1.50	0.03
			N974057	71.50	73.00	1.50	0.03
			N974058	73.00	74.50	1.50	0.03
			N974060	74.50	76.37	1.87	0.03

Alteration Maj:	***Type/Style/Intensity***	***Comment***
64.01 - 64.97	BL P MS	
69.11 - 71.26	BL MO M	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
64.01 - 76.37	PY BL 0.05	trace py throughout, slightly more abundant in top 2 m of hole

Structure Maj.:	***Type/Core Angle***	***Comment***
64.01 - 67.00	BC	3 zones of 10, 10 and 15 cm core loss
64.38 - 64.39	VN 46	qtz veins - 2 narrow parallel veins
69.62 - 70.13	VN	veinlets
72.42 - 72.42	VN	qtz carbonate vein, 7 mm
74.63 - 74.63	VN 80	qtz carbonate vein, 7 mm
75.11 - 76.37	BC	broken, rubbley core

Texture Maj:	***Type***	***Comment***
69.71 - 69.90	FB	debris flow banding

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LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
76.37	78.33	**FD** ***Felsic Dyke***	N974061	76.37	78.33	1.96	0.03

Bleached felsic dyke, very rubbley, light green grey, blotchy, occasional py speck, upper and lower contacts are rubbley

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
76.37 - 78.33	PY TR	occasional bleb

Structure Maj.:	*Type/Core Angle*	*Comment*
76.37 - 78.33	BC	unit of broken and blocky

78.33	81.38	**MD** ***Mafic Dyke***	N974062	78.33	80.00	1.67	0.03
			N974063	80.00	81.38	1.38	0.05

Medium green - grey, hard and aphanitic at top, then grades into altered blotchy light grey beige dyke. Hematite alteration on fractures. Broken core throughout with local gouge. Dark lithic fragments.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
78.33 - 81.38	HE F M	red hematite at top of section
78.33 - 81.38	BL MO M	local bleaching. Original protolith hard to determin

Structure Maj.:	*Type/Core Angle*	*Comment*
78.33 - 81.38	BC	broken throughout, blocky, with local gouge
80.87 - 80.87	VN 88	quartz vein parallel to core
81.11 - 81.11	G	within rubble zone

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
81.38	96.91	**FD** ***Felsic Dyke***	N974064	81.38	83.00	1.62	0.28
		Dark grey, chloritic, very fine grained, homogeneous unit. The top of unit to about 89 m is strongly bleached to a light green grey. This section has minor specks of Cr- mica throughout and is fairly competent. Occasional low angle quartz veins. Bleached alteration gradually fades and litihic fragments in the dyke are more visible.Sporadic xenoliths with alteraiton haloes.	N974065	83.00	84.50	1.50	0.03
			N974067	84.50	86.00	1.50	0.03
			N974068	86.00	87.50	1.50	0.03
			N974069	87.50	89.00	1.50	0.03
			N974070	89.00	90.53	1.53	0.11
			N974071	90.53	92.00	1.47	0.03
			N974072	92.00	93.50	1.50	0.03
			N974073	93.50	95.00	1.50	0.03
			N974075	95.00	96.91	1.91	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		81.38 - 89.00 BL P I top of section					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		83.62 - 83.66 VN qtz vein below gouge, 2 cm					
		83.62 - 83.66 G					
		92.37 - 92.75 BC rubble					
		Texture Maj: ***Type*** ***Comment***					
		81.38 - 89.00 APH					
96.91	105.90	**ARG/SLT** ***Argillite & Siltstone***	N974076	96.91	98.50	1.59	0.03
		Unit is alternating argillite with siltstone. Siltstone 75% argillite 25%. Occasional wispy qtz-carb veinlets. Blocky unit with zones of rubble. Trace py.	N974077	98.50	100.00	1.50	0.03
			N974078	100.00	101.50	1.50	0.03
			N974080	101.50	103.00	1.50	0.03
			N974081	103.00	104.50	1.50	0.03
			N974082	104.50	105.90	1.40	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		96.91 - 105.90 PY DIS trace blebs and tiny cubes					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		96.91 - 105.90 VN qtz carb veinlets, occasional, wispy					
		97.11 - 97.90 BC rubble and 15 cm core loss					
		99.91 - 102.45 G at 102.45					
		99.91 - 102.45 BC rubble zones					

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LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		102.72 - 105.27 BX breccia, mottled black and beige					
		102.72 - 105.27 G at 105.27, with fine rubble					
		102.72 - 105.27 BC rubble zones					
		105.90 - 105.90 VN 65 qtz vein at upper contact					
105.90	107.02	**FD** ***Felsic Dyke***	N974083	105.90	107.02	1.12	0.03
		Narrow band of altered dyke, with dark lithic fragments. Sharp upper marked by qtz vein and 10 cm bleached interval. Lower contacts sharp. Carb veinlets random orientation, minor qtz.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		105.90 - 107.02 Carb VN carbonate veinlets wispy, 2 generations					
107.02	111.05	**ARG** ***Argillite***	N974084	107.02	108.50	1.48	0.03
		black friable argilliite, completely broken with large zones of rubble and fine grained sand size fragments. The unit apperas to be a crushed zone or fault zone, marked by "toothpaste" gouge 910 cm wide) at the lower contact with mafic dyke. Occasional fine grained dessiminated pyrite.	N974085	108.50	110.00	1.50	0.03
			N974087	110.00	111.00	1.00	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		107.02 - 111.05 HE F					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		107.02 - 111.05 PY trace to none, even though fine rubble throughout					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		107.02 - 111.05 VN veinlets occasional, qtz-carb					
		107.02 - 111.05 G at lower contact, toothpaste texture					
		107.02 - 111.05 BC very blcoky, with large zones of rubble					

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
111.05	112.09	**MD** ***Mafic Dyke*** Dark green grey with lithic fragments, completely broken into blocky and rubbly core. Dark hematite presumably on fracture surfaces. Upper contact marked by "toothpaste" texture gouge. Very fine grianed 5 cm zone of gouge in middle of unit as well. Lower contact bound by soft fault gouge. Pervasive calcite alteration.	N974088	111.00	112.00	1.00	0.03
		Alteration Maj: / ***Type/Style/Intensity*** / ***Comment*** 111.05 - 112.09 Carb PCH pervasive, patchy and veinlets 111.05 - 112.09 HE F					
		Structure Maj.: / ***Type/Core Angle*** / ***Comment*** 111.05 - 112.09 G middle of unit, 5 cm 111.05 - 112.09 G upper contact, 10 cm 111.05 - 112.09 BC rubble and blocky core throughout unit 112.09 - 112.09 UC 50 qtz vein					
112.09	117.37	**ARG** ***Argillite*** As above. Black, friable, many zones of broken core and rubble. Graphitic contacts. Occasional thin wispy qtz-carb veinlets. Lower contact marked by a mafic dyke.	N974089	112.00	113.50	1.50	0.03
			N974090	113.50	115.00	1.50	0.03
			N974091	115.00	116.50	1.50	0.03
			N974092	116.50	117.50	1.00	0.03
		Mineralization Maj. : / ***Type/Style/%Mineral*** / ***Comment*** 112.09 - 117.37 PY trace to none throughout rubble and soft core					
		Structure Maj.: / ***Type/Core Angle*** / ***Comment*** 112.10 - 117.37 LC 45 lower contact sharp 112.10 - 117.37 BC numerous zones of broken core and rubble 115.13 - 115.13 VN 45 qtz vein, 5 cm					

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
117.37	119.17	**MD** ***Mafic Dyke***	N974093	117.50	119.15	1.65	0.03

Highly altered, reddish, grey and bleached mafic dyke, with red hematite blebs throughout and on fractures. Very broken and nrubbley. Sharp upper and lower contacts at 50 degress for both.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
117.37 - 119.17	BL PCH I	local bleaching to almost white
117.37 - 119.17	HE PCH MS	patchy and fracture fill

Structure Maj.:	*Type/Core Angle*	*Comment*
117.37 - 119.17	VN 30	qtz
117.37 - 119.17	LC 50	sharp
117.37 - 119.17	UC 50	sharp
117.37 - 119.17	BC	broken throughout with rubble

119.17	144.26	**ARG/SLT** ***Argillite & Siltstone***	N974094	119.15	120.50	1.35	0.28
			N974096	120.50	122.00	1.50	0.10
			N974097	122.00	123.50	1.50	0.21
			N974098	123.50	125.00	1.50	0.05
			N974099	125.00	126.50	1.50	0.07
			N974100	126.50	127.75	1.25	0.11
			N974101	127.75	129.00	1.25	0.51
			N974103	129.00	130.50	1.50	0.17
			N974104	130.50	132.00	1.50	0.42
			N974105	132.00	133.50	1.50	0.24

Unit has alternating sections of argillite and siltstone. Entire unit is broken core, few pieces larger than 10 cm. Rubble zones and gouge are common. Argillite is soft, dark black with small pyrite cubes disseminated, and fine grained py in gouge zones. Siltstone is dark to light grey, mottled to finely laminated with argillite. One large crumbly qtz vein along with smaller veins and qtz carbonate veinlets. Occasional smooth fracture and slickensides. Below qtz vein is qtz are narrow qtz veins carrrying arsenopyrite in 2 locations within siltstone .

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
119.17 - 144.26	PY DIS 0.5	blebs, occasional small cubes
136.65 - 138.00	PY FG 1	within rubbly qtz vein, cubic and f.g.
138.72 - 138.73	ASP CG	locally coarse. Also f.g., in qtz veinlets
142.38 - 142.38	ASP FG	trace flecks, assoc with qtz veinlets 1.2 mm

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Structure Maj.: ***Type/Core Angle*** ***Comment***	N974107	133.50	135.00	1.50	0.03
		119.17 - 144.26 BC very broken and rubbly throughout	N974108	135.00	136.50	1.50	0.03
		122.44 - 122.96 G	N974109	136.50	138.00	1.50	0.27
		126.60 - 126.68 G	N974110	138.00	139.50	1.50	0.90
		127.95 - 128.05 G	N974111	139.50	141.00	1.50	0.30
		133.50 - 133.50 LAM dark and fine bands low in siltstone zone	N974112	141.00	142.50	1.50	0.25
		133.50 - 133.50 VN 20 qtz vein, boundary to arg above and mottled silstone below	N974113	142.50	144.26	1.76	0.05
		136.62 - 138.00 G vein marked by gouge at both ends					
		136.62 - 138.00 VN large rubbley qtz vein					
		138.72 - 138.72 VN 80 thin vein with arsenopyrite					
		140.30 - 140.35 G narrow gouge within laminated siltstone					
		142.57 - 142.74 G gouge with qtz vein, and small py cubes					
		144.20 - 144.26 LC broken, but not faulted					
144.26	154.53	**FD** ***Felsic Dyke***	N974114	144.26	146.00	1.74	0.08
		Light to dark, greenish grey, competent, hard, anphanitic rock. Rubbly and broken core, but overall more competent than the sedimentary units. Crosscutting qtz veins are thin, 1-5 mm and more common at bottom of unit. EOH	N974116	146.00	147.50	1.50	0.78
			N974117	147.50	149.00	1.50	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	N974118	149.00	150.50	1.50	0.03
		144.26 - 150.78 HE F WM occasional lower down in unbleached zone	N974119	150.50	152.00	1.50	0.03
		144.26 - 150.78 BL P MS end of bleaching marked by fault gouge	N974120	152.00	153.50	1.50	0.03
			N974122	153.50	154.53	1.03	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		144.26 - 154.53 BC broken throughout, zones of rubble					

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-040** Project: **CCR** Project Number: **007**

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		144.58 - 144.60	G 35	thin fault					
		146.56 - 146.60	G						
		150.50 - 150.78	G	zone of gouge, green listwanite, fault					
		154.25 - 154.25	VN	wispy veins low angle to core					
		154.25 - 154.25	VN 45	qtz, narrow, 2 mm					

DRILL HOLE REPORT

Hole Number **18-CCR-041** Project: **CCR** Project Number: **007**

Drilling

Azimuth:	0
Dip:	-90
Length:	194.16
Started:	18-Jul-18
Completed:	20-Jul-18
Logged:	20-Jul-18

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	HQ
Storage:	Spanish Mou
Section:	Section 1
Hole Type	EXP

Location

Township:	LIKELY
Claim No.:	510115
NTS:	93A/12
Hole:	SURFACE

Other

Logged by:	Agnes
Relog by:	
Contractor:	Atlas Drilling
Spotted by:	
Surveyed:	
Surveyed by:	Trimble DGPS
Geophysics:	IP
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: It consisted of alternating units of siltstone / argillite and felsic dykes. One uniti was strongly brecciated. One siltstone unit had abundant large qtz veins carrying galena and pyrite as seams and blebs. Hole reached targeted depth.

Coordinate - Gemcom

East:	601362
North:	5829366
Elev.:	1005

Coordinate - UTM

East:	601362
North:	5829366
Elev.:	1005
Zone:	10
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	0.00	-90.00	C	☑	-90 dip and X Az
29.56	243.00	-88.60	R	☑	at 97 ft
93.57	224.90	-88.60	R	☑	at 307 ft
124.05	219.60	-88.70	R	☑	at 407 ft
154.53	204.40	-88.50	R	☑	at 507 ft
185.01	203.50	-87.90	R	☑	at 607 ft

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LITHOLOGY REPORT
- Detailed -

Hole Number **18-CCR-041** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	12.19	**CAS** ***Casing*** Casing marked to 12.19m (40ft) but have no core until 13.3m					
12.19	48.50	**ARG/SLT** ***Argillite & Siltstone*** The unit contains alternating sections of siltstone and argillite, with narrow sills and dykes of felsic volcanics. The unit is blocky with large sections of rubbly core and core loss. Top of hole to 18 m is siltstone, with oxidized (limonitic) fractures. Siltstone is typically medium to dark grey, with ankerite blebs. Argillite zones are black, graphitic, soft and crumbly. Narrow felsic dykes are bleached, rubbly with Cr mica locally abundant. Some thin qtz veins.	N974123	13.30	14.50	1.20	0.03
		N974124	14.50	16.00	1.50	0.03
		N974125	16.00	18.00	2.00	0.03
		N974126	18.00	20.00	2.00	0.03
		N974127	20.00	22.00	2.00	0.03
		N974129	22.00	24.00	2.00	0.03
		N974130	24.00	25.50	1.50	0.03
		N974131	25.50	27.00	1.50	0.03
		N974132	27.00	29.00	2.00	0.03
		N974133	29.00	30.00	1.00	0.03
		N974134	36.58	38.50	1.92	0.14
		N974135	38.50	40.00	1.50	0.03
		N974137	40.00	41.50	1.50	0.03
		N974138	41.50	43.20	1.70	0.03
		N974140	43.20	44.20	1.00	0.03
		N974141	44.20	45.75	1.55	0.03
		N974142	45.75	47.00	1.25	0.14
		N974143	47.00	48.50	1.50	0.14

Alteration Maj:	***Type/Style/Intensity***	***Comment***
12.19 - 48.50	FUCH Dis	withi felic dyks, spots
13.31 - 15.30	HE F W	oxide alteration and weatheing

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
13.31 - 48.50	PY BL	trace, assoc with qtz stringers, cubes

Structure Maj.:	***Type/Core Angle***	***Comment***
12.19 - 13.30	BC	No core. No return in core barrel
13.30 - 14.33	BC	Core loss of 1.1 m
14.33 - 17.37	BC	Core loss of 1.51 m
17.37 - 20.42	BC	core loss of 1.25 m
20.42 - 23.47	BC	core loss of 1.50 m
23.47 - 26.52	BC	core loss of 0.85 m
26.52 - 29.57	BC	core loss of 1.0 m
29.57 - 32.61	BC	core loss of 2.73 m
32.61 - 36.85	BC	No core. Driller had to re-case to this depth

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		36.85 - 37.55 VN qtz vein					
		38.71 - 41.76 BC core loss of 25 cm					
		44.81 - 47.85 BC core loss of 50 cm					
		Minor Interval:					
24.00	25.50	FD *Felsic Dyke*					
		Same as above, but pyrite is present as occasional specks, blebs and small cubes.					
		Mineralization Min: ***Type/Style/%Mineral*** ***Comment***					
		24.00 - 25.50 POPY BL 0.5 specks, blebs and cubes					
		Minor Interval:					
43.20	44.20	FD *Felsic Dyke*					
		narrow felsic sill, sharp contacts. Wispy argillite stringers.					
		Minor Interval:					
45.75	47.00	FD *Felsic Dyke*					
		narrow felsic sill, sharp contacts. Trace to 1% pyrite locally associated with wispy qtz veins.					
		Mineralization Min: ***Type/Style/%Mineral*** ***Comment***					
		46.16 - 46.16 PY VN thin seam assoc with qtz veinlets					
		Structure Min.: ***Type/Core Angle*** ***Comment***					
		45.91 - 45.91 VN 80 2 mm near upper contact					

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Hole Number **18-CCR-041** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Minor Interval:					
		18.00 20.00 FD *Felsic Dyke*					
		Blrached, light green rey, blocky uit, with local stong briht green Cr-mica alteration. Thin sporadic qtz veins, and more common are black wispy argillite stringers. Fairly sharp upper and lower contacts, lower contact has fault gouge.					
		Structure Min.: ***Type/Core Angle*** ***Comment***					
		19.95 - 20.00 G 60 contact of felsic dyke and lower argillite					
48.50	65.92	**ARG** ***Argillite***	N974144	48.50	50.00	1.50	0.03
		black graphitic argillite, rubbley, soft and a lot of broken core. Often intruded by narrow felsic dykes. Few qtz veins. Ankeritic alteration in the lighter sections. Pyrite is sporadic as blebs in the argillite and more common in the felsic dykes as cubes and seams.	N974145	50.00	51.50	1.50	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	N974146	51.50	53.50	2.00	0.20
		48.50 - 65.92 Ank SP W occasional zones of ankerite blebs	N974148	53.50	54.50	1.00	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	N974149	54.50	55.90	1.40	0.22
		48.50 - 65.92 PY BL trace in argillte	N974150	55.90	57.90	2.00	0.21
		Structure Maj.: ***Type/Core Angle*** ***Comment***	N974151	57.90	59.50	1.60	0.03
		48.50 - 50.90 BC core loss of 40 cm	N974152	59.50	61.00	1.50	0.06
		54.50 - 54.55 G graphitic contact, with py	N974153	61.00	62.50	1.50	0.12
		54.50 - 54.55 VN qtz vein marking cotact with felsic dyke	N974154	62.50	64.00	1.50	0.09
		54.55 - 54.55 VN 45 qtz vein, 2.5 cm, with py blebs	N974155	64.00	65.60	1.60	0.09
		64.90 - 65.05 LC mottled zone, silty, gradual contact					
		64.90 - 65.05 G graphitc					
		Minor Interval:					
		53.43 54.51 FD *Felsic Dyke*					
		light green grey, bleached with narrow argillite stringers. Contained thin					

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		wispy qtz veinets (no carbonate). Pyrite as blebs and cubes					
		Alteration Min: ***Type/Style/Intensity*** ***Comment***					
		53.43 - 54.51 FUCH trace					
		Mineralization Min: ***Type/Style/%Mineral*** ***Comment***					
		53.43 - 54.51 PY DIS 0.5					
		Minor Interval:					
		55.80 56.80 FD *Felsic Dyke*					
		same as above					
		Minor Interval:					
		57.90 58.50 FD *Felsic Dyke*					
		same as above					
65.92	72.00	**FD** ***Felsic Dyke***	N974157	65.60	67.50	1.90	0.10
		blocky unit of light green grey felsic dyke with wispy argillite stringers. Occasional spotty ankerite and also Cr -mica alteration as blebs. Py mostly trace to a few tiny cubes. Upper contact marked by a large qtz vein, 22 cm, that is crumbly and broken.	N974158	67.50	69.00	1.50	0.03
			N974159	69.00	70.50	1.50	0.03
			N974160	70.50	72.00	1.50	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		65.92 - 72.00 FUCH SP occasional					
		65.92 - 72.00 Ank SP local					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		65.92 - 72.00 PY trace					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		65.92 - 66.12 VN 40 large qtz vein, crumbly, broken, trace py					
		68.50 - 68.55 VN 80 low angle					
		71.35 - 71.40 UC 30 qtz vein, broken					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
72.00	75.29	**ARG** ***Argillite*** blocky, broken, locally laminated, local CAT 1 deformation. Wispy qtz veinlets	N974162	72.00	73.50	1.50	0.03
			N974163	73.50	75.30	1.80	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 72.46 - 72.50 LC mottled, indistinct 72.46 - 72.50 VN low angle, fold, 2 mm qtz vein					
75.29	88.85	**FD** ***Felsic Dyke*** Felsic dyke predominates, with many smaller units of siltstone. Local strong fuchsite (Cr-mica) alteration. Pyrite blebs and cubes locally 1%. Siltstone units display spotty ankerite alteration and are rubbley. A few qtz veins.	N974164	75.30	76.50	1.20	0.05
			N974165	76.50	78.00	1.50	0.08
			N974166	78.00	79.50	1.50	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	N974168	79.50	81.00	1.50	0.03
		75.29 - 88.85 Ank spotty in siltstone	N974169	81.00	82.50	1.50	0.03
		75.29 - 88.85 FUCH locally stong in dykes	N974170	82.50	83.50	1.00	0.03
			N974171	83.50	85.00	1.50	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	N974172	85.00	86.50	1.50	0.03
		75.29 - 88.85 PY blebs in dykes, cubes	N974173	86.50	87.50	1.00	0.03
			N974174	87.50	88.85	1.35	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		77.17 - 77.77 G arg and qtz crumbs and gouge					
		82.00 - 83.00 BC core loss of 10 c, siltstone with narrow qtz veins					
		84.45 - 84.47 VN 59 qtz,, 3 c					
		85.88 - 85.95 G 7 cm					
		86.48 - 86.50 VN 60 qtz					
		Minor Interval:					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		77.18 77.77 ARG *Argillite* zone of crumbley argillite ad qtz, with gouge					
		Minor Interval: 79.79 81.66 SLTSTN *Siltstone* Mottled siltstone, locally brecciated, ankerite alteration, somewhat broken					
		Minor Interval: 83.27 84.80 SLTSTN *Siltstone* blocky, with clay gouge at lower contact, ankerite alteration					
88.85	103.15	**ARG** ***Argillite*** argillite varies from black soft sections to silty argillite. Upper contact marked by a qtz vein and gouge. Lower contact sharp and clean with lower felsic dyke. Qtz veining more abundant than previous units, both as distinct veis and as mottled qtz patchy throughout selected sections. Pyrite content as seams and v.f. grained assoc with qtz.	N974175	88.85	90.50	1.65	0.03
			N974176	90.50	92.00	1.50	0.07
			N974177	92.00	93.50	1.50	0.07
			N974178	93.50	95.00	1.50	0.03
			N974180	95.00	96.50	1.50	0.06
			N974181	96.50	98.00	1.50	0.10
			N974182	98.00	99.50	1.50	0.03
			N974183	99.50	101.00	1.50	0.18
			N974184	101.00	102.00	1.00	0.20
			N974185	102.00	103.15	1.15	0.11

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

88.85 - 103.15	PY	BL	trace to 0.5%, belbs, seams, vf grained
96.75 - 97.12	PY	VN	seams, f.g., up to 1% inqtz rich section
98.00 - 98.50	PY	VN	laminated, seams throughout, not assoc with qtz
101.00 - 103.15	PY	VN 1	numerous seams, weakly laminated

Structure Maj.: ***Type/Core Angle*** ***Comment***

88.85 - 88.87	VN 70	upper contact, with gouge, 2 cm
89.66 - 89.69	VN	qtz vein within soft black argillite, 4 cm
90.53 - 90.80	VN 60	end of gouge has qtz vein, 3.5 cm
90.53 - 90.80	G	large section of gouge, soft core
93.00 - 93.03	VN 35	qtz, cross cut by py seam
94.16 - 94.18	VN 55	3 cm qtz vein, followed by 20 cm with qtz rich rock
95.18 - 96.06	VN	qtz rich, mottled, slightly brecciated

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		96.75 - 97.12	VN	qtz rich, mottled, wispy, undulating, up to 1.5 cm, with py seams					
		98.00 - 98.50	LAM 70	py laminated, banded as well as random in silty matrix					
		98.50 - 99.67	BC	core loss of 10 cm					
		100.38 - 100.75	VN 40	large vein with py seams ad arg seams					
		102.87 - 102.90	UC 22	qtz, 3,2 cm, sharp, clean					
		102.90 - 103.15	LAM	qtz veinlets, laminated with py veinlets					
103.15	106.90	**FD**	***Felsic Dyke***		N974187	103.15	105.00	1.85	0.05
		as above, aphanitic, harder, better core recovery, thin argillite seams, Cr-mica pods and blebs. Ankerite spotty. Only minor qtz veining. Sharp upper contact at 45 degrees. Sharp lower contact at 80 degrees with thin qtz veins and pyrite.			N974189	105.00	106.90	1.90	0.03
		Alteration Maj:	***Type/Style/Intensity***	***Comment***					
		103.15 - 106.90	FUCH PD	local blebs and pods					
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***					
		103.15 - 106.90	PY BL 0.5	disseminated, cubes					
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		104.35 - 104.40	VN 60	qtz vein, 2.4 cm					
		105.58 - 105.62	VN 18	qtz vein with large py blebs					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
106.90	117.00	**ARG** ***Argillite***	N974190	106.90	108.50	1.60	0.18
		Laminated and banded with 1% py as cubes and blebs and thin seams. Locally mottled and almost CAT 1 texture. Thin qtz veins mostly parallel to laminations.	N974191	108.50	110.00	1.50	0.07
			N974192	110.00	111.50	1.50	0.05
			N974193	111.50	113.00	1.50	0.03
			N974195	113.00	114.50	1.50	0.05
			N974196	114.50	115.90	1.40	0.12
			N974197	115.90	117.00	1.10	0.03

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

106.90 - 117.00	PY VN 1.5	common thin seams and laminations throughout

Structure Maj.: ***Type/Core Angle*** ***Comment***

107.44 - 107.51	VN 80	qtz vein, 7 cm, with f.g. pyrite on edges
108.81 - 108.96	VN 60	dirty qtz vein, mottled, brecciated, f,g,py
111.46 - 111.48	VN 50	qtz vei, 1.2 cm
113.70 - 113.72	UC 75	qtz vein, 5 cm
115.32 - 115.35	VN 80	qtz vein, 5.2 cm
116.18 - 116.28	UC 65	qtz vein, with f.g. py at edge, within pod of felsic dyke 33 cm long
116.30 - 116.42	G	black argillic gouge with f.g. py

117.00	141.00	**SLTSTN** ***Siltstone***	N974199	117.00	118.50	1.50	0.03
		medium to dark grey, laminated at 70 to 90 to core axis, ankerite alteration. Unit characterized by large clean qtz veins thoughout. Pyrite as seams parallel to laminations, and occasional cubes. Numerous argillite seams, sometimes with py seams. Upper contact is gradual; lower contact fairly sharp with argillite rubble.	N974200	118.50	120.00	1.50	0.06
			N974201	120.00	121.50	1.50	0.03
			N974203	121.50	123.00	1.50	0.03
			N974204	123.00	124.50	1.50	0.06
			N974205	124.50	126.00	1.50	0.07
			N974206	126.00	127.50	1.50	0.03
			N974207	127.50	129.00	1.50	0.03
			N974208	129.00	130.50	1.50	0.19

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

117.00 - 139.82	Ank SP	

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

117.00 - 141.00	PY BL 1	locally 1% in host rock as cubes, blebs, seams throughout

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
	130.87 - 130.97	PY BL		with galena in qtz vein	N974209	130.50	132.00	1.50	0.29
	130.87 - 130.97	GN BL		small cubes and blebs in qtz vein	N974210	132.00	133.50	1.50	0.35
	131.09 - 131.23	POPY BL		with galena in qtz vein	N974211	133.50	135.00	1.50	0.30
	131.09 - 131.23	GN BL		f.g and blebs abd cubes in qtz vein	N974212	135.00	136.50	1.50	0.03
	133.20 - 133.28	GN BL	2	gal / py seams, semi massive	N974213	136.50	138.00	1.50	0.03
	133.56 - 133.61	PY BL			N974214	138.00	139.50	1.50	0.03
	133.56 - 133.61	GN BL		gal / py	N974216	139.50	141.00	1.50	0.03
	133.75 - 134.18	PY BL							
	133.75 - 134.18	GN BL	1	gal/py as blebs in qtz and semi massive					
	Structure Maj.:	***Type/Core Angle***		***Comment***					
	119.27 - 119.32	VN	80	qtz vein, 4.2 cm					
	121.35 - 121.40	VN	60	qtz vein, 2.4 cm, py at edge					
	125.32 - 125.42	VN	65	qtz vein, 10.2 cm					
	127.32 - 127.37	VN	90	qtz vein, 5 cm					
	128.29 - 128.42	VN	70	qtz vein, 13 cm, blebby py					
	129.89 - 129.95	VN		qtz vein, 4 cm, py bleb, vug					
	130.87 - 130.97	VN	90	qtz vein, 10 cm, with py and galena blebs					
	131.09 - 131.23	VN	66	qtz vein, 14 cm, with gal and py blebs and cubes					
	132.08 - 132.49	VN	64	qtz vein, 41 cm, minor py on edges					
	132.58 - 132.61	UC	68	qtz vein, 3.5 cm, py					
	133.20 - 133.28	UC	75	qtz vein, 8 cm, with galena and py seams					
	133.56 - 133.61	VN	77	qtz vein, 6 cm, gal and py					
	133.73 - 134.18	VN	50	qtz vein, 45 cm, gal/py local semi-massive					
	135.64 - 135.87	VN	85	qtz vein, 23 cm, with a few py blebs					
	137.38 - 137.43	VN	85	qtz vein, broken, 3.5 cm					

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Hole Number **18-CCR-041** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology
141.00	163.00	**CAT** ***Cataclastic***

Unit is brecciated throughout along with clay rich altered zones in the siltstone and fault gouge in the argillite. The core is soft and pitted. Precursor is a siltstone with argillie zones. Matrix is dark grey, clay rich with abundant randon oriented siltstone clasts. The argillite zones are very soft but still maintains the shape of core. Argillite occurs in small sections< 1 m until the lower part where it occurs from 156.43 to the lower contact at 162.84 m. The unit contains severla lenses of felsic dykes, typically broken and crumbly; one section contains galena. Pyrite occurs as v.f.grained, disseminated and a few cubes in all 3 lithologies.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
145.80 - 146.30	GN BL	local gal in broken, rubble zone

Structure Maj.:	*Type/Core Angle*	*Comment*
141.00 - 142.34	BC	core loss of 70 cm
146.34 - 146.58	VN 65	qtz vein, 3.5 cm,
146.58 - 148.60	VN 80	
160.63 - 161.85	FLT	soft argillite and gouge

Minor Interval:

144.50 147.26 FD *Felsic Dyke*

locally brecciated and soft. Most of unit is hard but block and broken. Blebby galena in one section of broken core. Some Cr-ica blebs. Tiny py flack and cubes disseminated throughout

Minor Interval:

148.00 149.55 FD *Felsic Dyke*

qtz rich unit with breccia and crumbly core. Py is f.g, dissem.

Structure Min.:	*Type/Core Angle*	*Comment*
148.59 - 148.61	VN 80	qtz vein, 2 cm

Minor Interval:

153.00 155.00 FD *Felsic Dyke*

Sample #	From	To	Length	Au (g/t)
N974217	141.00	142.50	1.50	0.07
N974219	142.50	144.15	1.65	0.20
N974220	144.15	145.50	1.35	0.08
N974221	145.50	147.00	1.50	0.73
N974222	147.00	148.50	1.50	0.17
N974224	148.50	150.00	1.50	0.11
N974225	150.00	151.50	1.50	0.49
N974226	151.50	153.00	1.50	0.16
N974227	153.00	154.50	1.50	0.03
N974228	154.50	156.00	1.50	0.11
N974229	156.00	157.50	1.50	0.15
N974230	157.50	159.00	1.50	0.09
N974231	159.00	160.50	1.50	0.20
N974232	160.50	161.50	1.00	0.03
N974233	161.50	163.00	1.50	0.03

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Minor Interval:					
		155.85 156.43 FD *Felsic Dyke*					
		Soft, crumbley, qtz rich locally					
163.00	176.75	**SLTSTN** ***Siltstone***	N974235	163.00	164.50	1.50	0.03
		laminated medium grey, with sections of broken core and rubble. Almost no qtz veining. Sharp upper contact at 60 degrees. Pyrite as small cubes up to 1 cm.	N974236	164.50	166.00	1.50	0.03
			N974238	166.00	167.50	1.50	0.03
			N974239	167.50	169.00	1.50	0.03
			N974240	169.00	170.50	1.50	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment***	N974242	170.50	172.00	1.50	0.03
		165.51 - 165.53 VN qtz vein, sugary, 2 cm	N974243	172.00	173.50	1.50	0.03
		166.75 - 168.11 FLT gouge, rubble	N974244	173.50	175.00	1.50	0.03
		169.50 - 173.50 LAM 50 well laminated, ankerite blebs also laminated	N974245	175.00	176.75	1.75	0.03
		175.09 - 175.29 G in argillitic zone, with large py cubes and blebs					
176.75	185.60	**ARG** ***Argillite***	N974246	176.75	178.00	1.25	0.03
		Black, graphitic, locally rubbley and gouge. No qtz veining other than thin wispy qtz veins. Pyrite occurs as cubes up to 1.5 cm but typically f.g and disseminated. Locally laminated with thi py laminations.	N974247	178.00	179.50	1.50	0.03
			N974248	179.50	181.00	1.50	0.03
			N974249	181.00	182.00	1.00	0.03
			N974250	182.00	184.00	2.00	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment***	N974251	184.00	185.60	1.60	0.03
		179.50 - 179.66 G gouge with semi massive py					
		179.65 - 181.00 LAM 40 well laminated, including py seams					
		181.78 - 182.50 G gouge with semi massive py locally					

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Hole Number **18-CCR-041** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
185.60	189.00	**MD** ***Mafic Dyke***	N974252	185.60	187.00	1.40	0.03
		Mottled, grey to dark grey, phaneritic (crystalline), fairly broken. A few thin wispy carb veilets. Upper contact sharp. Lower contact muddled with pod of siltstone and breccia texture. Trace py with one 1 cm cube py.	N974253	187.00	189.00	2.00	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		187.50 - 188.00 BC carbonate stringers and veinlets					
		188.66 - 189.00 FD gouge with pod of siltstone to lower contact					
189.00	191.42	**FD** ***Felsic Dyke***	N974254	189.00	190.50	1.50	0.03
		Brecciated, broken. Upper contact at 40 degrees. Pyrite cubes occasionally, less than 1 cm.	N974255	190.50	191.50	1.00	0.03
191.42	194.16	**ARG** ***Argillite***	N974256	191.50	192.50	1.00	0.03
		Mottled, silty, broken and fractured unit. Wispy qtz - carbonate veinlets locally. EOH at 194.16. Hole reached target depth. Pyrite sparse, cubic. Sharop upper contact at 35 degrees.	N974257	192.50	194.16	1.66	0.03
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		193.60 - 194.16 BC core loss of 40 cm near end of hole					

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Hole Number **18-CCR-041** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

DRILL HOLE REPORT

Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

Drilling
Azimuth: 0
Dip: -90
Length: 200.25
Started: 21-Jul-18
Completed: 24-Jul-18
Logged: 24-Jul-18

Casing
Length: 0
Pulled: no
Capped: no
Cemented: no

Core
Dimension: HQ
Storage: Spanish Mou
Section: Section 1
Hole Type EXP

Location
Township: LIKELY
Claim No.: 537371
NTS: 93A/12
Hole: SURFACE

Other
Logged by: Lesly Balderas
Relog by:
Contractor: Atlas Drilling
Spotted by:
Surveyed:
Surveyed by: Trimble DGPS
Geophysics: IP
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: no

Comment: Mainly Argillite with felsic dykes. Strongly faulted and broken up core.

Coordinate - Gemcom
East: 600834
North: 5830119
Elev.: 982

Coordinate - UTM
East: 600834
North: 5830119
Elev.: 982
Zone: 10 **NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	0.00	-90.00	C	☑	
63.09	201.70	-88.20	R	☑	at 207 ft
84.43	206.30	-89.10	R	☑	at 277 ft
114.91	206.00	-89.20	R	☑	at 377 ft
175.87	198.10	-88.50	R	☑	at 577 ft
195.39	195.20	-88.60	R	☑	at 477 ft

LITHOLOGY REPORT
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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	64.01	**CAS** ***Casing*** suspecting that bedrock is at 57.9m as cuttings were black, however super soft and faulted that drillers had to put casing to 64.01 m (210 ft).					
64.01	79.50	**ARG/SLT** ***Argillite & Siltstone*** Dark grey to black color, strongly graphitic, weak weathering at top of the hole (barely). The unit is faulted; core is strongly fractured, broken up, and has a few gouge sections, About 1% of disseminated fn gr pyrite, trace of py in qtz veints (spotted). Qtz veinlets/veins(?) are minor, hard to know as core is rubbley. Small sections of Siltstone, medium to dark grey color, more competent core than argillite , with ankerite blebs, fine gr qtz veinlets and slightly more py (1.5%). Unit has about 1.5 m or core lost. Ctc is sharp and gougey.	N974258	64.01	66.00	1.99	0.15
			N974259	66.00	67.50	1.50	0.18
			N974261	67.50	69.00	1.50	0.19
			N974262	69.00	70.50	1.50	0.16
			N974263	70.50	72.00	1.50	0.08
			N974265	72.00	73.50	1.50	0.40
			N974266	73.50	75.50	2.00	0.26
			N974268	75.50	77.50	2.00	0.05
			N974269	77.50	79.50	2.00	0.03

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

64.01 - 79.50	Qtz SP S	veinlets
64.01 - 79.50	Ank MO WM	w some ankerite
64.01 - 79.50	GRPH P S	Strongly graphitic

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

64.01 - 79.50	PY DIS 1	about 1% fn gr oy

Structure Maj.: ***Type/Core Angle*** ***Comment***

64.10 - 79.50	VN 0	veinlets ...core is faulted (gougey and rubble) hard to see.
64.10 - 79.50	F 0	strongly graphitic
64.10 - 79.50	FLT 0	the whole fection is faulted
64.10 - 79.50	G 0	Gouge sectios

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		64.10 - 79.50 BC 0 Broken core ~ 1.5 of core lost					
		Texture Maj: ***Type*** ***Comment***					
		64.01 - 79.50 FLT					
		64.01 - 79.50 HOMO					
79.50	82.70	**FD** ***Felsic Dyke***	N974270	79.50	81.00	1.50	0.03
		Felsic dyke; light green color, with black lithic fragments and wispy argiliitic stringers. Moderate mottled surrounded ankerite (7%). Weak spotted fuchsite blebs. Pyrite mineralization; fine grain disseminated 0.5%, it gets stronger at ctcs. Small 2 cm thick fine gr qtz vein with carb and tr py. Core is more competent that section above but still broken up. Lower ctc sharp with gouge,	N974271	81.00	82.70	1.70	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		79.50 - 82.70 Qtz VN W small qtz vein					
		79.50 - 82.70 FUCH SP W fuchsite blebs					
		79.50 - 82.70 Ank MO M mottled ankerite					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		79.50 - 82.70 PY VN 0.5 fine grain disseminated py					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		82.50 - 82.52 VN 30 fn gr qtz vn with Carb blebs and tr py					
		82.57 - 82.57 JNTS 0 ctc with some gouge					
		82.70 - 82.70 LC 0 gouge, sandy					
		Texture Maj: ***Type*** ***Comment***					
		79.50 - 82.70 HETR argillite stringers to fn then small section of arg stringers					

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology
82.70	143.75	**ARG** ***Argillite***

Dark grey to black color, strongly graphitic, very weak core the whole section is faulted.
The unit is about 80% Argillite with small section of Siltstone, very homogenous texture, weak-moderate sections of fine gr qtz veinlets throughout unit, weak ankerite (mottled). Pyrite mineralization (1-2%), disseminated fn gr, also trace of py veinlets. Unit has about ~6 m of core lost. Ctc is sharp.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
82.70 - 143.75	Sil PCH M	some sections are siliceous
82.70 - 143.75	Qtz VN WM	
82.70 - 143.75	Ank MO W	
82.70 - 143.75	GRPH P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
82.70 - 143.75	PY STR 0.5	
82.70 - 143.75	PY BL 0.5	
82.70 - 143.75	PY DIS 1	about 1-2% of py

Structure Maj.:	*Type/Core Angle*	*Comment*
82.71 - 143.75	FLT 0	faulted section
82.71 - 143.75	BC 0	Core lost in total ~ 5.5 m
83.00 - 84.00	BC 0	lost about 50 c of core
83.33 - 84.00	BC 0	broken core, faulted ?
83.33 - 84.00	VN 0	very fn gr qtz veinlets, also fn gr Py blebs (some up to 5mm w by 3cm L)
84.00 - 86.45	BC 0	broke core
84.00 - 86.45	FLT 0	faulted
86.45 - 86.60	VN 45	@ 86.52m, fn gr qtz vn about 1 cm,
86.45 - 86.60	FLT 0	faulted
86.45 - 86.60	G 0	rubblym gouge section
86.60 - 87.80	FLT 0	faulted ?
86.60 - 87.80	BC 0	broken core

Sample #	From	To	Length	Au (g/t)
N974272	82.70	84.50	1.80	0.09
N974273	84.50	86.00	1.50	0.06
N974274	86.00	87.50	1.50	0.03
N974276	87.50	89.00	1.50	0.08
N974277	89.00	91.00	2.00	0.08
N974278	91.00	93.00	2.00	0.07
N974279	93.00	94.50	1.50	0.03
N974280	94.50	96.50	2.00	0.07
N974281	96.50	98.00	1.50	0.12
N974283	98.00	99.50	1.50	0.12
N974284	99.50	101.00	1.50	0.08
N974285	101.00	103.00	2.00	0.03
N974287	103.00	104.50	1.50	0.03
N974288	104.50	106.00	1.50	0.03
N974289	106.00	107.50	1.50	0.03
N974290	107.50	109.00	1.50	0.03
N974291	109.00	110.50	1.50	0.03
N974292	110.50	112.00	1.50	0.03
N974293	112.00	113.50	1.50	0.03
N974295	113.50	115.00	1.50	0.03
N974296	115.00	117.00	2.00	0.03
N974297	117.00	118.50	1.50	0.03
N974298	118.50	120.50	2.00	0.14
N974299	120.50	122.00	1.50	0.08
N974300	122.00	124.00	2.00	0.11
N974301	124.00	126.00	2.00	0.06

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		87.80 - 88.45	G 0	gouge section with frag of qtz (veins?), and diss py	N974302	126.00	128.00	2.00	0.03
		87.80 - 88.45	BC 0	about 40 cm of core lost	N974303	128.00	130.00	2.00	0.05
		90.50 - 93.00	FLT 0	faulted section	N974305	130.00	131.50	1.50	0.03
		90.50 - 93.00	VN 0	gouge with moderate qtz veins/veinltes (?), core is faulted and broken up.	N974306	131.50	133.00	1.50	0.05
		90.50 - 93.00	G 0	soft gouge	N974308	133.00	135.00	2.00	0.03
		94.00 - 94.05	VN 0	fn gr qtz vein, broken up in pieces.	N974309	135.00	136.50	1.50	0.09
		94.10 - 95.00	BC 0	~ 40 cm of core lost	N974310	136.50	138.00	1.50	0.11
		95.00 - 96.50	BC 0	about 40 cm of core	N974311	138.00	139.50	1.50	0.13
		95.00 - 96.50	G 0	gouge section with tr of qtz	N974312	139.50	141.00	1.50	0.10
		97.00 - 98.00	G 0	two sections of graphitic gouge	N974313	141.00	142.50	1.50	0.10
		97.00 - 98.00	FLT 0	faulted	N974314	142.50	143.75	1.25	0.17
		98.80 - 99.50	G 0	gougy					
		98.80 - 99.50	FLT 0	faulted					
		98.80 - 99.50	BC 0	broken core about 35 cm of core lost					
		101.00 - 106.00	G 0	gogy sectio					
		101.00 - 106.00	FLT 0	faulted					
		101.00 - 106.00	VN 0	qtz vn/veinlets in gouge sections, with diss py					
		108.80 - 111.50	G 0	gougey / rubbly section					
		108.80 - 111.50	VN 0	tr of fn gr qtz (pieces) veinl?					
		122.00 - 125.00	BC 0	~2 m of core lost					
		122.00 - 125.00	FLT 0	faulted					
		125.90 - 125.91	VN 35	thin fn gr qtz veinlets, with tr py					
		128.30 - 130.65	G 0	gougey section					
		134.00 - 136.00	BC 0	~80 cm of core lost					
		134.00 - 136.00	FLT 0						
		143.75 - 143.75	LC 0	sharp					

Texture Maj:	Type	Comment
82.70 - 143.75	FLT	

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		82.70 - 143.75 HETR					
		82.70 - 143.75 VAR Argillite with some siltstone					
143.75	145.85	**FD** ***Felsic Dyke***	N974315	143.75	145.75	2.00	0.03
		Small felsic dyke, light green color, with black lithic fragments and wispy argiliitic stringers. Spotted surrounded ankerite, fuchsite blebs. Mineralization is trace euhedral pyrite. Lower ctc is sharp and gougye.					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		143.75 - 145.85 FUCH SP W fuchsite					
		143.75 - 145.85 Ank SP W weak ankerite					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		143.75 - 145.85 PY TR 0.01 trace euhedral py					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		145.85 - 145.85 LC sharp and gougy lower ctc					
		Texture Maj: ***Type*** ***Comment***					
		143.75 - 145.85 HOMO					
145.85	152.00	**ARG** ***Argillite***	N974317	145.75	147.50	1.75	0.03
		same as above section; graphitic, strongly faulted, Sharp lower ctc	N974318	147.50	149.00	1.50	0.18
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	N974319	149.00	150.50	1.50	0.30
		145.85 - 152.00 Qtz VN W very fn gr stringers	N974320	150.50	152.00	1.50	0.03
		145.85 - 152.00 Ank SP W					
		145.85 - 152.00 GRPH P S					

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		145.85 - 152.00 PY DIS 1 fn gr disseminated py					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		145.86 - 152.00 VN 0 very fn gr stringers throughout unit					
		Texture Maj: ***Type*** ***Comment***					
		145.85 - 152.00 FLT					
		145.85 - 152.00 HOMO					
152.00	155.10	**FD** ***Felsic Dyke***	N974321	152.00	153.50	1.50	0.03
		Small felsic dyke, light green color to a deeper green color as fuchsite content increases, black lithic fragments, and weak ankerite alteration (mottled). Moderate qtz veins / veinlets, fn gr qtz with no mineralization. Lower ctc is gradual.	N974322	153.50	155.10	1.60	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		152.00 - 155.10 FUCH PD WM					
		152.00 - 155.10 Ank MO WM					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		152.00 - 155.10 VN 0 fn gr qtz veinlets/ stringers					
		155.10 - 155.10 LC lower ctc seems to be gradual, core is broken up					
		Texture Maj: ***Type*** ***Comment***					
		152.00 - 155.10 HOMO					

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology
155.10	163.80	**ARG** ***Argillite***

Same as sections above; graphitic, strongly faulted, with about 3% Py (euhedral and fn gr disseminated), spotted fine gr qtz veinlets, and also blebs of py. Sharp lower ctc.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
155.10 - 163.80	Qtz SP W	qtz stringers
155.10 - 163.80	Ank MO W	
155.10 - 163.80	GRPH P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
155.10 - 163.80	PY BL 1	
155.10 - 163.80	PY DIS 2	about 2-3% concentration

Structure Maj.:	*Type/Core Angle*	*Comment*
156.00 - 159.70	FLT 0	faulted
156.00 - 159.70	BC 0	about 50 cm of core lost
156.00 - 159.70	G 0	gougey
163.80 - 163.80	LC	Sharp lower ctc

Texture Maj:	*Type*	*Comment*
155.10 - 163.80	FLT	
155.10 - 163.80	HOMO	

Minor Interval:

161.60 162.00 FD *Felsic Dyke*

same as section above, with ankerite and fuchsite blebs. Sharp upper ctc and lower ctc is broken core.

Minor Interval:

162.85 163.20 FD *Felsic Dyke*

same as section above, with ankerite and fuchsite blebs. Sharp upper ctc and lower ctc is broken core.

Sample #	From	To	Length	Au (g/t)
N974323	155.10	156.50	1.40	0.19
N974325	156.50	158.00	1.50	0.22
N974326	158.00	159.50	1.50	0.07
N974327	159.50	161.00	1.50	0.15
N974329	161.00	162.50	1.50	0.03
N974330	162.50	164.00	1.50	0.03

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
163.80	166.50	**FD** ***Felsic Dyke***	N974331	164.00	165.50	1.50	0.03
			N974332	165.50	166.50	1.00	0.03

Felsic dyke with an small argillite band (section) , light green color, black lithic fragments, weak ankerite alteration (mottled) and moderate fuchsite blebs. Competent fn gr qtz vein with bleb of fn gr pyrite mineralization, and other qtz veins are broken up. Sharp lower ctc.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
163.80 - 166.50	Ank MO W	
163.80 - 166.50	FUCH PD M	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
163.80 - 166.50	PY TR 0.5	counting the graphitic sections

Structure Maj.:	***Type/Core Angle***	***Comment***
164.72 - 164.78	VN 15	vein is fn gr qtz, runs though core for about 50cm, tr of carb
165.30 - 165.34	VN 60	fn gr qtz vn with fn gr py bleb and tr of carb
166.00 - 166.50	LC 0	Lower ctc sharp
166.00 - 166.50	VN 0	qtz veins(?) core is broken up
166.00 - 166.50	FLT 0	faulted
166.00 - 166.50	G 0	gouge section

Texture Maj:	***Type***	***Comment***
163.80 - 166.50	VAR	
163.80 - 166.50	HETR	

Minor Interval:

165.80 166.00 ARG *Argillite*

same as section above. Graphitic with fn gr pyrite

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology
166.50	186.50	**ARG/SLT** ***Argillite & Siltstone*** Argillite similar to sections above; graphitic, strongly faulted, with about 2% Py (euhedral, fn gr disseminated, and fn gr blebs), ,minor (weak) fine gr qtz stringers,weak to moderate ankerite alt (mottled). Small section of siltstone same as sections above but with about 3% py (blebby). Lower ctc is faulted and mix together for about 50 cm.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
166.50 - 186.50	Qtz VN W	stringers and veinlets
166.50 - 186.50	Sil PCH M	some sections are siliceous
166.50 - 186.50	Ank PCH WM	
166.50 - 186.50	GRPH P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
166.50 - 186.50	PY BL 1	
166.50 - 186.50	PY DIS 2	3% on average for py mineralization

Structure Maj.:	*Type/Core Angle*	*Comment*
166.50 - 167.00	G 0	gougey section
169.77 - 171.60	G 0	gougey section
175.60 - 175.70	G 0	
175.60 - 175.70	F 0	
175.60 - 175.70	BC 0	broen core, faulted and with gouge, 30cm of core lost
181.50 - 186.00	G 0	
181.50 - 186.00	FLT 0	faulted and gougey section
182.50 - 182.60	VN 40	veinlet, fn gr qtz, with tr carb
183.95 - 183.95	VN 15	veinlet, fn gr qtz, with tr carb
186.00 - 186.50	LC 0	mix with next unit (felsic dyke)
186.00 - 186.50	FD 0	
186.00 - 186.50	G 0	sectio is ffaulted and gougey,

Texture Maj:	*Type*	*Comment*
166.50 - 186.00	HOMO	

Sample #	From	To	Length	Au (g/t)
N974333	166.50	168.00	1.50	0.03
N974334	168.00	169.50	1.50	0.09
N974336	169.50	171.00	1.50	0.08
N974337	171.00	172.50	1.50	0.06
N974338	172.50	174.00	1.50	0.10
N974339	174.00	175.50	1.50	0.07
N974341	175.50	177.00	1.50	0.03
N974342	177.00	178.50	1.50	0.03
N974343	178.50	180.00	1.50	0.03
N974344	180.00	181.50	1.50	0.03
N974346	181.50	183.00	1.50	0.03
N974347	183.00	184.50	1.50	0.03
N974348	184.50	186.50	2.00	0.03

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		166.50 - 186.00 FLT faulted					
		186.00 - 186.50 FLT					
		186.00 - 186.50 VAR					
186.50	193.40	**FD** ***Felsic Dyke***	N974349	186.50	188.00	1.50	0.03
		Felsic dyke with a small argillite section (from 191.60-192.56m, but its felsic from 191.75-191.75m). Light green color to a deeper green color (fuchsite increases), black lithic fragments and wispy argiliitic stringers, py mineralization about 1.5% (disseminated, tr blebs), Moderate-weak ankerite alteration (mottled) and weak-moderate fuchsite blebs. Core is not competent (broken up), hard to measure the qtz veins. Lower ctc is sharp about 60 degree angle.	N974350	188.00	189.50	1.50	0.03
			N974351	189.50	191.00	1.50	0.03
			N974353	191.00	192.50	1.50	0.03
			N974354	192.50	194.00	1.50	0.06
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		186.50 - 193.40 FUCH SP WM spotted					
		186.50 - 193.40 Ank MO WM moderte to weak					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
		186.50 - 193.40 PY BL 0.5					
		186.50 - 193.40 PY DIS 1 about 1.5%					
		Texture Maj: ***Type*** ***Comment***					
		186.50 - 193.40 HOMO					
193.40	200.25	**ARG** ***Argillite***	N974356	194.00	195.50	1.50	0.15
		Argillite similar to sections above; graphitic, strongly faulted, with about 1% Py (disseminated. EOH at target depth.	N974357	195.50	197.00	1.50	0.17
			N974359	197.00	198.50	1.50	0.13
			N974360	198.50	200.25	1.75	0.13
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		193.40 - 200.25 Carb Dis W					

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Hole Number **18-CCR-042** Project: **CCR** Project Number: **007**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
	193.40 - 200.25	GRPH P S					
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***					
	193.40 - 200.25	POPY DIS 1					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
	193.40 - 200.25	BC					
	193.40 - 200.25	G					
	193.40 - 200.25	FLT					
		Texture Maj: ***Type*** ***Comment***					
	193.40 - 200.25	HOMO					
	193.40 - 200.25	FLT					

DRILL HOLE REPORT

Hole Number **18-DH-1217** Project: **MAIN ZONE** Project Number: **002**

Drilling

Azimuth:	119
Dip:	-60
Length:	212.45
Started:	08-Jul-18
Completed:	10-Jul-18
Logged:	11-Jul-18

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	HQ
Storage:	Spanish Mou
Section:	
Hole Type	INF

Location

Township:	LIKELY
Claim No.:	204667
NTS:	93A/12
Hole:	SURFACE

Other

Logged by:	Lesly Balderas
Relog by:	
Contractor:	Atlas Drilling
Spotted by:	
Surveyed:	yes
Surveyed by:	Trimble DGPS
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: Twin hole of 09-DDH-891 for metallurgy studies
VG at end of the hole in qtz veins and argillite.Whole was not sample.

Coordinate - Gemcom

East:	604332.335
North:	5827881.453
Elev.:	1133.08

Coordinate - UTM

East:	604332.335
North:	5827881.453
Elev.:	1133.08
Zone:	10
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	119.00	-60.00	C	☑	SET UP AT -60, 119 AZ
17.37	113.60	-60.50	R	☑	at 57 ft
47.85	114.10	-60.60	R	☑	at 157 ft
78.33	114.00	-61.20	R	☑	at 257 ft
114.30	114.10	-61.00	R	☑	at 357 ft
203.30	114.30	-61.30	R	☑	at 667 ft .. EOH

LITHOLOGY REPORT
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Hole Number **18-DH-1217** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
0.00	7.59	**CAS** ***Casing*** casing to 6.1m (20ft) but no core recover until 7.59m.					
7.59	24.40	**SLTSTN** ***Siltstone*** Light grey to medium grey color. Fine grain, homogeneous throughout, with disseminated pyrite (1%) and rounded to rhomb ankerite (7% ankerite, ranging in size 2-10 mm). Moderate-Strong weathering at top of the hole to about 11 m; M on core, S at fractures with limonite, hematite and spotted clay. Weathering changes to Medium/Weak from 11m to 16 m: almost nothing on core (spotted weathering), and moderate in fractures control and filling (lim, hem). Mineralization; fine gr to curse gr py, disseminated < 1%, spotted blebs of fine grained py, and patchy euhedral py (up to 1 cm in size). Total py is ~ 3%. Qtz veins are white, fine grained with trace of fine gr py, trace of carb, some are slightly weather at top of the hole with (limonite), quartz veins range from 2 cm to up to 10cm. Qtz stringers throughout core, some with py replacement. @ 12.20 you can see a strong concentration of stringers, ranging from 1-5mm, and section it's about 50 cm long. The total core lost in this unit was about 85 cm (3 sections) Lower contact is sharp @ 30 degree angle					

Alteration Maj:	*Type/Style/Intensity*	*Comment*
7.59 - 24.40	Carb Dis W	
7.59 - 24.40	Qtz SP WM	Qtz veins and veinlets
7.59 - 24.40	Oxid FF WM	from 11-16m ; in fractures
7.59 - 24.40	Ank MO M	Ankerite throughout, mainly rounded
7.59 - 24.40	Oxid PCH M	from 7- 11m; in core
7.59 - 24.40	Oxid FF S	from 7 - 11m; Fractures

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
7.59 - 24.40	PY BL 1	fn gr py blebs
7.59 - 24.40	PY STR 1	withinn qtz stringers

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

7.59 - 24.40	PY CG 1	Euhedral py cubes up to 1 cm wide
7.59 - 24.40	PY DIS 1	in matrix throughout

Structure Maj.:	***Type/Core Angle***	***Comment***
8.14 - 8.18	VN 60	fine gr qtz vn, mod oxidation, trace of py, trace of Carb
10.27 - 10.29	VN 0	angle know, qtz vn fn gr, s-m oxidation
10.29 - 10.60	G	gauge, small section
10.29 - 10.60	BC	broken core with ~30 cm of core lost
12.20 - 12.70	VN 15	Qtz stringers, fn gr.
12.94 - 13.50	VN 40	fn gr qtz vn, moderate oxidation, trace py (fn gr), weak carb
21.63 - 21.65	JNTS 80	trace of Graphite
21.63 - 21.65	VN 80	fine grained qtz,
21.65 - 21.90	BC 0	broken core, missing ~25 cm of core
22.10 - 22.15	JNTS 50	oxidated (M)
22.10 - 22.15	VN 50	fn gr qtz vein, moderate oxidation on upper ctc,
23.53 - 23.53	VN 40	fn gr qtz vn, weak Carb, trace of py grains.
24.40 - 24.40	LC 30	CTC Sharp

Texture Maj:	***Type***	***Comment***
7.59 - 24.40	HOMO	fined grain Silstone

24.40 65.03 **ARG** ***Argillite***

Dark grey to black color, fine grain throughout core, main alteration is rounded ankerite about 4% (some are rhomb), strongly graphitic, and with some weak carb.
Py mineralization; fine grained stingers (1%), blebs (<1%), euhedral py ranging from 5mm up to 15mm in size (1%). Total py for the unit goes from 2% to sections of 4%.
Strong network of quartz stingers, on average 1-2mm thick and with an angle of 20-30 degrees, some qtz veinlets has been replaced by py or have euhedral py.
Quartz veins range from 4cm to up to 10 cm, trace of py, galena, sulfides (lim, hem) clay (chl), chalcopyrite and some malachite, even vugs (<1cm) slightly weather.
Core is mainly competent, with a few fracture zones, faulted, and gouge.
The total core lost in this unit is ~ 1 m.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Lower contact is sharp at 35 degrees.

Alteration Maj:	Type/Style/Intensity	Comment
24.40 - 65.03	GRPH Dis S	
24.40 - 65.03	Carb Dis W	
24.40 - 65.03	Qtz VN M	qtz veins and veinlets
24.40 - 65.03	Ank P WM	rounded (rhomb) ankerite about 4% concentration

Mineralization Maj. :	Type/Style/%Mineral	Comment
24.40 - 65.03	PY STR 1	
24.40 - 65.03	PY DIS 0.5	
24.40 - 65.03	PY FF 0.5	
24.40 - 65.03	PY BL 1	
26.45 - 26.46	CP TR 0.01	trace in qtz vn at 26.45m
26.45 - 26.46	MI TR 0.01	trace in qtz vn at 26.45m
26.45 - 26.46	GN TR 0.01	trace in qtz vn at 26.45m
26.76 - 26.76	PY TR 0.02	trace in qtz vn at 26.76m
26.76 - 26.76	CP TR 0.01	trace in qtz vn at 26.76m

Structure Maj.:	Type/Core Angle	Comment
26.46 - 26.57	VN 30	qtz vn w trace of Py, gal, malachite, chalcopyrite and cubic hem
26.76 - 26.85	BC 0	missing about 6 cm of core
26.76 - 26.85	VN 35	qtz vn not sure how big it is, we have 9 cm but there is BC. Qtz vn has vugs (oxidized), tr carb, tr py and chalcopyrite..
38.20 - 38.21	JNTS 30	Joint, graphitic, slighly gougy
38.20 - 38.21	G 0	Facture slighly gougy
40.91 - 40.95	JNTS 42	smooth jnt, strongly graphitic
40.91 - 40.95	VN 42	5 cm wide of small veinlets, with fine grained py, euhedral py and chalcopytite and tr carb
44.24 - 44.29	VN 80	qtz vn w py (7%), tr carb,

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		47.30 - 48.57	JNTS 0	trace of clay, chlorite, carb,and py					
		47.30 - 48.57	FLT 0	faulted section					
		47.30 - 48.57	BC 0	BC,missing about 40 cm of core					
		49.52 - 50.90	SLK 0	slickenlines on fractures (joints)					
		49.52 - 50.90	FLT 0	faulted section, semi-competent compared to section above and below					
		50.90 - 51.73	FLT 0	faulted section					
		50.90 - 51.73	G 0	@ 51.2 m ; ~10 cm of graphitic Gouge; with fine grained py and small euhedral py					
		50.90 - 51.73	VN 80	@51.1 m; 10 cm qtz vein, bleb of pyrite and chalcopyrite.					
		50.90 - 51.73	BC 0	Broken core missing about 45 cm of core					
		52.83 - 52.87	VN 70	qtz vn,					
		54.66 - 54.75	BC 0	Broken core					
		56.32 - 56.36	VN 60	fn gr qtz vn, tr euhedral py, fn gr py,					
		58.07 - 58.49	VN 0	@ 58.31 m; qtz vn, ~13 cm, w patchy py and chalcopyrite					
		58.07 - 58.49	FLT 0	faulted					
		58.07 - 58.49	VN 85	@ 58.26 m; qtz vn, 3 cm wide, fine grained, w blebs of carb, tr py					
		58.07 - 58.49	BC 0	broken core, lost ~ 10 cm of core					
		61.81 - 61.84	VN 70	qtz vein, w some carb					
		63.67 - 63.70	VN 65	qtz vn, tr of py ad carb					
		63.67 - 63.70	JNTS 65	chl					
		63.95 - 63.95	JNTS 45	Jnt is smooth, flat, w graphite					
		65.03 - 65.03	LC 35	lower CTC is Sharp,					
		Texture Maj:	***Type***	***Comment***					
		24.40 - 65.03	HOMO	strongly composed of fined gn and qtz stringers stockwork					

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
65.03	192.23	**GWKE** ***Greywacke***					

Heterogeneous unit composed of wacke, argillite/siltstone and alt wacky.
Greywacke; light grey/pale green color with weak sericite alteration throughout, mottle Ankerite alteration (rounded to rhomb ~5-7%), spotted lithic black fragments, some sections are strongly alter by sericite, changing the core color to a pale cream (Alt Greywacke).
Qtz stringers are mainly related to the siltstone/argillite units.
Competent fine grain qtz vein, ranging from 1cm to 20cm; trace of Py (blebs, fine grain) in most of them.
Trace of galena and sphalerite in some of the qtz veins btw 85-89m, 111m, 164-165m and 188.78m.
Some sections have late stage veinlets on average 2 mm wide, all have the same orientation at 75 degrees (angle), for example at 141.25 to 144.5, composed of ~30 veinlets.
Strong fuchsite alteration at 182.60m and 188m,
Stronger Ankerite alteration (mottled) at end of unit, bigger than usual (ranging up to 4mm).
Core lost in unit is ~ 1m
Lower contact is sharp at 40 degrees.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
65.03 - 192.23	FUCH Dis WM	iin greywacke, section at 182.4-184.0m and 188-190m Strong alt.
65.03 - 192.23	Carb P W	weak in core and w-m in fracture and vn (blebs)
65.03 - 192.23	Ser PCH S	some sections have been strongly alter (alter wacke)
65.03 - 192.23	Qtz VN WM	competent qtz veins from 1 cm up to 20 cm
65.03 - 192.23	Ank MO M	moderate in weake

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
65.03 - 192.23	CP TR 0.01	
65.03 - 192.23	PY CG 0.5	Euhedral py ranging from 1 cm
65.03 - 192.23	PY BL 1	< 1 % blebs of fine gr py through out unit
72.80 - 72.80	CP TR 0.01	qtz vn, slightly weather, tr py and chalcopyrite
72.80 - 72.80	PY TR 0.01	
85.76 - 85.76	SPH TR 0.01	tr Sphalerite within qtz vn
85.76 - 85.76	GN TR 0.01	tr Galena within qtz vn
85.76 - 85.76	PY BX 0.1	blebs of fine grained py
88.72 - 88.72	GN TR 0.01	tr Galena within qtz vn
88.72 - 88.72	SPH TR 0.02	tr Sphalerite within qtz vn

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		88.72 - 88.72	PY TR 0.05	trace of py (euhedral)					
		89.48 - 89.48	SPH TR 0.01	tr Sphalerite within qtz vn					
		89.48 - 89.48	PY TR 0.01	tr Py in qtz vn					
		111.75 - 111.75	CP TR 0.01	tr chalcopyrite in qtz vn					
		111.75 - 111.75	GN TR 0.01	tr Galene in qtz vn					
		164.14 - 164.14	PY TR 0.01	tr pyrite in qtz vn					
		164.14 - 164.14	SPH TR 0.01	tr Sphalerite in qtz vn					
		165.25 - 165.25	GN TR 0.05	few blebs of galena in qtz vn					
		165.25 - 165.25	CP TR	tr chalcopyrite					
		165.25 - 165.25	PY TR 0.01	tr py					
		165.25 - 165.25	SPH TR 0.01	tr sphalerite					
		165.80 - 165.80	SPH TR 0.01	tr sphalerite					
		165.80 - 165.80	GN BL 1	fn gr qtz vn w tr py, galena and sphalerite					
		165.80 - 165.80	PY TR 0.5	tr fn gr pyrite					
		188.79 - 188.79	CP TR 0.01	tr of chalcopyrite					
		188.79 - 188.79	GN TR 0.01	tr of galena					
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		71.01 - 71.31	VN 0	fn gr qtz vn, slightly weather, tr of py					
		71.01 - 71.31	BC 0	broken qtz vein					
		71.40 - 71.40	F 20	fracture is about 28 cm long, clay and chl on frac					
		71.40 - 71.40	G 35	fracture it's gougy, about 1mm thick					
		71.40 - 71.40	FLT 0	faulted ?					
		72.17 - 72.17	F 10	oxidized py, also chl and ser.					
		72.70 - 72.96	BC 0	broken core, might be faulted?					
		72.70 - 72.96	VN 0	qtz vn, slightly weather, tr py and chalcopyrite					
		72.70 - 72.96	FLT 0	faund some gouge in fracture.					
		78.33 - 78.61	BX 0	Brecciated, (qtz stockwork -veinlets)					
		78.33 - 78.61	VN 70	fn gr qtz vn, tr py					
		78.33 - 78.61	G 0	in fracture about 1 mm thick					

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		80.90 - 80.90	F 10	frac along qtz vn, with clay and graphite					
		80.90 - 80.90	VN 10	fn gr qtz vein, tr of carb					
		81.65 - 81.70	VN 70	qtz vn, trave of Carb, fine gr,					
		81.65 - 81.70	JNTS 70	tr of chl and cuarse grain py					
		83.33 - 83.97	BC 0	broken core, ~30 cm of core lost					
		83.97 - 84.22	BX 0	Brecciated, (qtz stockwork -veinlets)					
		83.97 - 84.22	VN 0	qtz vn with trace of fn py, also weak weathering					
		83.97 - 84.22	F 0	one fracture has tr of chl, lim, weak carb					
		85.25 - 85.25	BX 0	qtz vn w lithic fragments					
		85.25 - 85.25	VN 0	fn gr qtz vn (stockwork) brecciated					
		85.60 - 85.72	BC 0	Broken core					
		85.60 - 85.72	F 0	fracture core has clay, talc?, and weakly graphitic					
		85.60 - 85.72	FLT 0	may be faulted ?					
		85.72 - 85.94	VN 60	fn gr qtz vn, with tr of sphalerite and galena, and py					
		88.71 - 88.74	VN 75	fine gr qtz vn, with tr of blebs of sphalerite , galena, and py					
		88.71 - 88.74	JNTS 0	You can see the galena (trace) and py (qtz vn section)					
		89.43 - 89.53	VN 0	fn gr qtz vn, trace of sphalerite and oy					
		94.55 - 94.57	VN 75	fn gr qtz vn with weak carb					
		95.16 - 95.50	VN 0	fn gr qtz vn with trace of Sphalerite (4 differente blebs) and galena (two different blebs)					
		95.16 - 95.50	BC 0	broken up qtz vn					
		95.50 - 96.62	BC 0	broken core, ~55 cm of core lost,					
		95.50 - 96.62	FLT 0	faulted ? Sandy sections but no gouge, mixed of wacke and arg					
		95.50 - 96.62	F 0	fractures have graphite, sericite and tr of py					
		97.22 - 97.25	VN 30	qtz vein about 2 cm long, fn gr with carb.					
		98.24 - 98.26	BX 0	section before gouge looks brecciated, (qtz stockwork -veinlets)					
		98.24 - 98.26	G 0	gouge					
		98.26 - 98.41	VN 0	fn gr qtz vein, wk weatherig, w carb.					

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From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		98.41 - 98.58	BC 0	broken core					
		98.41 - 98.58	FLT 0	faulted ? Sandy, graphitic,					
		99.44 - 99.54	VN 40	fn gr qtz vn, with py blebs					
		106.39 - 106.66	VN 70	fn gr qtz vn, qith sitlstone frag, tr py					
		108.60 - 108.68	BC 0	broken core, sandy					
		108.60 - 108.68	VN 0	fn gr qtz vein,tr py					
		110.00 - 110.00	F 35	chlorite,					
		111.31 - 111.33	VN 35	fn gr qtz vein					
		111.38 - 111.40	VN 35	fn gr qtz vein					
		111.50 - 111.51	VN 35	fn gr qtz vein					
		111.73 - 111.77	VN 80	fn gr qtz vein, tr py and tr Sphalerite					
		113.85 - 113.88	VN 70	fn grain qtz vein, tr py and Carb					
		116.04 - 116.20	BC 0	broken core,					
		116.04 - 116.20	VN 0	fine gr qtz vein, w carb					
		116.21 - 116.87	VN 30	veinlets I this unit,					
		140.26 - 140.31	VN 50	qtz vn, tr galena and chalcopyrite					
		140.44 - 140.45	VN 40	qtz vn, tr py					
		141.25 - 141.26	VN 65	Also from 141.25 to 144.5 veinlets are about 2mm wide, all have the same orientation and an angle of 75 degrees (~30 veinlets)					
		141.25 - 141.26	VN 65	qtz vn,					
		141.77 - 141.78	VN 75	fn gr qtz vein.					
		144.50 - 145.60	BX 0	Brecciated, (qtz stockwork veinlets)					
		144.50 - 145.60	VN 15	vein at upper ctc, about 2 cm wide,fn gr qtz, tr carb					
		145.89 - 145.94	F 60	chl					
		145.89 - 145.94	VN 60	fn gr qtz vein, vug and blebs of carb.					
		146.96 - 146.98	VN 35	fn gr qtz vn, tr py and Carb					
		156.03 - 156.10	BC 0	BC,w chl and ser					
		156.03 - 156.10	FLT 0	faulted ?					
		156.03 - 156.10	G 0	gouge small section					
		157.44 - 157.45	F 75	strong Chl alt.					

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		157.44 - 157.45	SLK 75	frac has slikenlines					
		157.44 - 157.45	VN 75	fn gr qtz vn, w Carb blebs,					
		158.50 - 158.77	BC 0	BC~ 20cm of core lost					
		159.67 - 159.67	F 0	sandy with strong chl alt					
		160.15 - 160.15	F 0	strong ser alt					
		164.13 - 164.15	VN 70	fn gr qtz vn, tr sphalerite and py					
		165.22 - 165.28	VN 25	fn gr qtz vn w tr py,chalcopiryte, galea and sphalerite					
		165.49 - 165.51	JNTS 70	graphitic with slickenlines					
		165.49 - 165.51	SLK 0	slickenlines in frac					
		165.49 - 165.51	VN 70	f gr qtz vn w tr py and carb blebs					
		165.59 - 165.63	BX 0	breciated, stockwork of qtz vein/veinlets, weak chl, lower ctc gouge					
		165.59 - 165.63	SLK 70	upper frac has slickenlines					
		165.59 - 165.63	G 0	gouge it's about 3mm thick					
		165.59 - 165.63	VN 0	bx vein, w vugs and euhedal qtz,					
		165.78 - 165.84	VN 35	fn gr qtz vn w tr py, galena and sphalerite					
		166.46 - 166.47	VN 65	fn gr qtz vn slightly green because of fuchsite (blebs) and carb					
		166.70 - 166.73	VN 40	qtz vn wiith euhedral py about 3%					
		166.70 - 166.73	F 40	graphitic					
		166.70 - 166.73	SLK 40	frac has slikenlines					
		168.41 - 170.60	FLT 0	faulted ?					
		168.41 - 170.60	G 0	gouge at 168.86,					
		168.41 - 170.60	BC 0	broken core, run was split into two sections, one sectios is missing core but its in the next run.					
		170.60 - 171.00	FLT 0	faulted					
		170.60 - 171.00	BC 0	Broken core					
		170.60 - 171.00	G 0	gouge at 170.6m, about 10 cm, and at 170.96m for 4 cm					
		173.84 - 173.90	BX 0	brecciated					
		174.62 - 174.71	BC 0	brecciated section, qtz veinlet stockwork					

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		174.62 - 174.71	VN 0	qtz vn with blebs of fn gr py					
		178.23 - 178.36	VN 0	fn gr qtz vn,					
		178.23 - 178.36	BC 0	broken core					
		183.57 - 183.76	VN 0	fn gr qtz vn,					
		187.57 - 187.59	VN 40	fn gr qtz vn					
		188.76 - 188.81	VN 25	fn gr qtz vn, tr galena and chalcopyrite					
		188.76 - 188.81	JNTS 25	weak ser					
		190.04 - 190.36	FLT 0	faulted ?					
		190.04 - 190.36	BC 0	broken core					
		190.04 - 190.36	VN 0	fn gr qtz vn, all broken up					
		190.73 - 190.74	G 0	gauge					
		190.74 - 190.80	VN 0	fn gr qtz vn, tr py					
		190.74 - 190.80	BC 0	broken vein,					
		190.74 - 190.80	FLT 0	faulted ? Upper and lower ctc of vein is gauge					
		190.80 - 190.80	G 0	gauge					
		192.23 - 192.23	LC 40	sharp ctc					

Texture Maj:	Type	Comment
65.03 - 192.23	VAR	composed of wacke, alt wacke and silt/argilite
65.03 - 192.23	HETR	unit changes

Minor Interval:

66.70 69.15 ARG *Argillite*

upper ctc is gradual, lithology is similar to section above; dark grey, graphitic, with euhedral py (patches) and disseminated py, py about 2%, but some fractures @ 68 m more like 7% . Fine gr qtz veinlets (network) with trace of py and carb, angle ranging from 30-40 degrees. @ 67.82: 7cm core is brecciated. BC with a 20cm of core lost. Lower ctc sharp at 35 degrees.

Alteration Min:	Type/Style/Intensity	Comment
66.70 - 69.15	Qtz VN MS	network of stringers and vein.
66.70 - 69.15	Ank MO W	ankerite blebs printed in core. On average 3mm wide,

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Mineralization Min:	Type/Style/%Mineral	Comment
66.70 - 69.15	PY BL 1	goes up to 3% closer to 68m, alsoeuhedral py can be seen.

Structure Min.:	Type/Core Angle	Comment
67.47 - 67.82	FLT 0	faulted ?
67.47 - 67.82	G 0	3cm of gouge in fracture filling
67.47 - 67.82	BC 0	Broken core, missing about 20 cm of core
67.82 - 67.89	VN 30	qtz vein, trave of carb, and py
67.82 - 67.89	BX 30	qtz vein w argillite fragments up to 1 cm wide
68.12 - 68.14	VN 35	parallel to veinlets, qtz vn is 2 cm wide, w tr ofsub-hedral py,weak carb
69.15 - 69.15	LC 20	sharp

Texture Min:	Type	Comment
66.70 - 69.15	HETR	with qtz stringers

Minor Interval:

83.30 84.18 ARG/SLT *Argillite & Siltstone*

similar to sections above: argilite and Silstone, core broken, about 30 cm of core lost, qtz vein is brecciated.

Texture Min:	Type	Comment
83.30 - 84.18	HETR	

Minor Interval:

85.00 86.00 ARG/SLT *Argillite & Siltstone*

same as above, it looks brecciated. At 85.60m core is broken and looks faulted, qtz vein has galena and sphalerite. Lower contact is gradual.

Texture Min:	Type	Comment
85.00 - 86.00	HETR	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

88.30 90.10 SLTSTN *Siltstone*

small uint, similar to above, sphalerite and galena was found in qtz veins. Lower ctc gradual.

Texture Min:	Type	Comment
88.30 - 90.10	HETR	

Minor Interval:

97.40 98.70 ARG/SLT *Argillite & Siltstone*

60% wacky, 40% Argillite, same as above.

Texture Min:	Type	Comment
97.40 - 98.70	HETR	
97.40 - 98.70	VAR	

Minor Interval:

105.00 106.74 SLTSTN *Siltstone*

20% wacky, 80 % siltstone, same as above.

Texture Min:	Type	Comment
105.00 - 106.74	HETR	

Minor Interval:

109.05 109.63 ARG/SLT *Argillite & Siltstone*

95 % Argillite/Siltstone, same as above, with fn gr py (bleb)

Texture Min:	Type	Comment
109.05 - 109.63	HETR	fine grained, stockwork of veinlts

Minor Interval:

117.00 118.00 SLTSTN *Siltstone*

small section same as above, with strong net-work of qtz veinlets.

Texture Min:	Type	Comment
117.00 - 118.00	HETR	fine graied, veinlets

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

120.55 130.90 GWKE *Alt Greywacke*

cream/ pale color because of the strong sericite alteration in greywacke, fn gr, in some areas you can see weak lines (lineation at 25 degrees), moderate to strong ankerite (printed on core 7%) some qtz veinlets (weak). Py mineralization is patchy euhedral py >1%.. Sericite and chl infill in fractures. Also fractures are along the lineation.

Alteration Min:	Type/Style/Intensity	Comment
120.55 - 130.90	Qtz F W	found in some fractures
120.55 - 130.90	Ser F MS	
120.55 - 130.90	Ser Dis S	

Mineralization Min:	Type/Style/%Mineral	Comment
120.55 - 130.90	PY BL 1	

Texture Min:	Type	Comment
120.55 - 130.90	LNTD	it has some lines about 20 degrees
120.55 - 130.90	HETR	some areas are fine grained others are liniated

Minor Interval:

134.84 140.32 GWKE *Alt Greywacke*

similar to above, but no liniations, and with less chlorite in fractures (weak).ankerite about 7%.

Alteration Min:	Type/Style/Intensity	Comment
134.84 - 140.32	Ank MO M	
134.84 - 140.32	Ser F W	
134.84 - 140.32	Ser Dis S	

Mineralization Min:	Type/Style/%Mineral	Comment
134.84 - 140.30	PY TR 0.01	
134.84 - 140.30	FUCH TR 0.01	trace of fuchsite

Texture Min:	Type	Comment
134.84 - 140.32	HOMO	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

144.50 148.00 SLTSTN *Siltstone w Alt Greywacke*

upper and lower contact is gradual. Similar to sections above. Strong net-work of veinlets and veins, Brecciated. It's mixed with Alt Greywacke too (45%), 65% siltstone. Lower Contact is gradual too.

Alteration Min:	Type/Style/Intensity	Comment
144.50 - 148.00	Ank MO M	
144.50 - 148.00	Ser PCH MS	Alt wacke

Mineralization Min:	Type/Style/%Mineral	Comment
144.50 - 148.00	PY BL 1	

Texture Min:	Type	Comment
144.50 - 148.00	HETR	stringers and sections of fine gr disseminated ser
144.50 - 148.00	VAR	siltstone and alt greywacke

Minor Interval:

154.20 157.83 GWKE *Alt Greywacke*

Alt Greywacke simillar to above with strong sericite alt, @ 156.0 m faulted?. Late stage veins, about 2 cm wide, fn gr qtz w carb blebs. Lower ctc is gradual

Alteration Min:	Type/Style/Intensity	Comment
154.20 - 157.82	Ank MO WM	
154.20 - 157.82	Ser Dis S	

Texture Min:	Type	Comment
154.20 - 157.83	HOMO	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

159.48 163.10 GWKE *Alt Greywacke*

Alt Greywacke similar to sections above with strong sericite alt, weak-mod chl in fractures, lower ctc is sharp. tr of py and fuchsite blebs.

Alteration Min:	Type/Style/Intensity	Comment
159.48 - 163.10	Carb F W	
159.48 - 163.10	Ank INT M	
159.48 - 163.10	FUCH SP W	spotted fuch blebs
159.48 - 163.10	Ser Dis S	

Mineralization Min:	Type/Style/%Mineral	Comment
159.48 - 163.10	PY TR 0.05	few diss py and blebs

Texture Min:	Type	Comment
159.48 - 163.10	HOMO	

Minor Interval:

163.10 166.00 SLTSTN *Siltstone / Greywacke*

Similar to sections above, mixture of greywacke and siltstone. Lowe ctc is gradual

Texture Min:	Type	Comment
163.10 - 166.00	BX	some areas are BX
163.10 - 166.00	HETR	fine grained sectios, stockwork of veinlets

Minor Interval:

166.00 170.60 ARG/SLT *Argillite & Siltstone*

similar to sections above, strongly fracture, faulted, and has some competent qtz veins, also strong network of veinlets, euhedral py blebs,

Texture Min:	Type	Comment
166.00 - 170.60	MASS	massive qtz veilets
166.00 - 170.60	VAR	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

170.60 171.25 GWKE *Alt Greywacke*

similar to sections above, strong sericite alteration, faulted. Lower ctc gradual

Alteration Min:	Type/Style/Intensity	Comment
170.60 - 171.25	Ser Dis MS	

Texture Min:	Type	Comment
170.60 - 171.25	HOMO	

Minor Interval:

172.84 173.70 GWKE *Alt Greywacke*

similar to sectios above,

Alteration Min:	Type/Style/Intensity	Comment
172.84 - 173.70	Sid Dis S	

Texture Min:	Type	Comment
172.84 - 173.70	HOMO	

Minor Interval:

178.09 179.84 GWKE *Alt Greywacke*

same as above, has a qtz vein about 15 cm long.

Alteration Min:	Type/Style/Intensity	Comment
178.09 - 179.84	Ser Dis S	

Texture Min:	Type	Comment
178.09 - 179.84	HOMO	

Minor Interval:

184.80 187.00 GWKE *Alt Greywacke*

similar to sectios above,

Alteration Min:	Type/Style/Intensity	Comment
184.80 - 187.00	Ser Dis S	

Texture Min:	Type	Comment
184.80 - 187.00	HOMO	

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Hole Number **18-DH-1217** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

192.23 212.45 **ARG/SLT** ***Argillite & Siltstone***

Medium to dark grey color, fine grain throughout core, alteration is rounded ankerite about 2%, strongly graphitic, weak carb.
Textures is heterogeneous composed of lineation, strong stockwork of fn gr qtz veinlets, Most of the unit is broken core, faulted in sections and even has a small brecciated section.
Main mineralization is disseminated py, and euhedral py (up to 5mm). Trace of galena, chalcopyrite, and bornite .
GOLD was found at 192.80m, 193.43m, and 200.60 in qtz veins.
Core lost of about 1.6 m (in two runs) but recover later on 0.5 m (in two runs).
EOH at 212.45 m

Alteration Maj:	***Type/Style/Intensity***	***Comment***
192.23 - 212.45	Carb Dis W	
192.23 - 212.45	Qtz VN M	vein and veinlets
192.23 - 212.45	Ank MO WM	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
192.23 - 212.45	PY DIS 1	
192.23 - 212.45	PY CG 0.5	nice euhedral py
192.30 - 192.30	BN TR 0.01	
192.30 - 192.30	PY TR 0.01	
192.30 - 192.30	CP BL 3	bleb of cpy about 30mm long by 2mm thick
192.80 - 192.80	CP BL 2	
192.80 - 192.80	VG TR 0.01	trace of Gold in qtz vn
193.43 - 193.43	VG TR 0.01	trace of Gold in qtz vn
200.60 - 200.60	CP TR 0.01	
200.60 - 200.60	PY TR 1	
200.60 - 200.60	VG TR 0.03	trace of Gold in frac

Structure Maj.:	***Type/Core Angle***	***Comment***
192.30 - 192.50	VN 0	fn gr qtz vn, with some euhedral qtz 2cm long and vugs, tr of chalcopyrite and bornite

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Hole Number **18-DH-1217** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		192.30 - 192.50	BC 0	broken core, 20 cm of core lost					
		192.50 - 192.78	FLT 0	faulted area					
		192.50 - 192.78	BC 0	Broken core, lost about 40 cm of core					
		192.50 - 192.78	G 0	gauge					
		192.78 - 192.89	BC 0	broken core					
		192.78 - 192.89	VN 0	VG_fn gr qtz vn, bleb of chalcopyrite (2%) and tr carb VG (GOLD)					
		192.89 - 193.17	BC 0	broken core					
		193.17 - 193.43	BX 0	brecciated qtz vein					
		193.17 - 193.43	VN 0	VG_fn gr qtz vn, tr py and carb. @ 193.43 on frac VG					
		193.60 - 193.61	VN 65	fn gr qtz vn w tr of py					
		194.81 - 194.82	VN 70	fn gr qtz vn w tr of py					
		196.97 - 196.98	VN 85	fn gr qtz vn					
		198.92 - 202.32	FLT 0	faulted					
		198.92 - 202.32	F 0	VG_ Fracture at 200.6m, Tr py and Chalcopyrite w VG					
		198.92 - 202.32	VN 0	sctions had two veins of about 2 cm thick, fn qtz vn w weak carb blebs.					
		198.92 - 202.32	F 0	slickenlines and smooth					
		198.92 - 202.32	G 0	gouge sections					
		198.92 - 202.32	BC 0	broken core strongly graphitic , lost about 1 m of core					
		204.27 - 206.80	G 0	gauge sections					
		204.27 - 206.80	BC 0	broken core strongly graphitic					
		204.27 - 206.80	FLT 0	faulted					
		206.80 - 207.03	BC 0	brecciated section, fn gr qtz veilets (strockwork)					
		208.44 - 208.46	VN 85	fn gr qtz vn w tr of py					
		208.76 - 208.78	VN 85	fn gr qtz vn w tr of py					
		209.30 - 209.40	BC 0	broken core					
		209.30 - 209.40	FLT 0	faulted					
		209.30 - 209.40	G 0	gouge section of 3mm					
		209.40 - 209.40	F 0	smooth ad str graphitic					
		212.00 - 212.13	VN 80	fn gr qtz vn w tr of py and carb blebs					

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Hole Number **18-DH-1217** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		212.24 - 212.45	BC 0	broken core					
		212.24 - 212.45	FLT 0	faulted?					
		212.24 - 212.45	F 0	sandy, graphitic					
		212.24 - 212.45	VN 0	at 212.35 m; fn gr qtz vn w tr of py and carb blebs					
		212.45 - 212.45	LC 0	EOH					
		Texture Maj:	***Type***	***Comment***					
		192.23 - 212.45	HETR	Textures is heterogeneous composed of lineation, strong stockwork of veinlets and fined grained					

DRILL HOLE REPORT

Hole Number **18-DH-1218** Project: **MAIN ZONE** Project Number: **002**

Drilling

Azimuth:	119
Dip:	-60
Length:	149.96
Started:	11-Jul-18
Completed:	13-Jul-18
Logged:	14-Jul-18

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	HQ
Storage:	Spanish Mou
Section:	Section 1
Hole Type	INF

Location

Township:	LIKELY
Claim No.:	204667
NTS:	93A/12
Hole:	SURFACE

Other

Logged by:	Dion
Relog by:	
Contractor:	Atlas Drilling
Spotted by:	
Surveyed:	yes
Surveyed by:	Trimble DGPS
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Comment: Twin hole of 09-DDH-865 for Metallurgy
Very minimal argillite, limited sulphides besides Py, no gold observed. NOT SAMPLES.

Coordinate - Gemcom

East:	604377.61
North:	5827755.352
Elev.:	1166.82

Coordinate - UTM

East:	604377.61
North:	5827755.352
Elev.:	1166.82
Zone:	10
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	119.00	-60.00	C	☑	DIP AT -60, 119 AZ
17.37	106.20	59.10	R	☑	AT 57 FT
47.85	106.00	59.10	R	☑	AT 157 FT
78.33	105.40	59.80	R	☑	AT 257FT
108.81	106.40	59.80	R	☑	AT 357 FT
148.43	107.20	59.60	R	☑	AT 487 FT

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1218** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
12.20	35.83	**ARG/SLT** ***Argillite & Siltstone***					

Highly variable interbedded txtures in siltstone/argilite inundated with qtz veinlet and veins. Unit has folded and foliated bedding, earliest phase qtz-carb veinlets are folded with bedding and cross cut by late phase veinlets running along the core length. 3 larger qtz-carb veins occur within this unit associated with only Py mineralization. Py is disseminated throughout the whole unit, occurs as coarse cubes, fine aggregates in veins and vf disseminated throughout. Ankerite nodes pervasive through zone as overprint.Joints tend to be highly graphitic in strongly argillic areas.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
12.20 - 22.74	Oxid F MS	oxidation zonefrom surface to 22.74.
22.74 - 35.83	GRPH F MS	Concentrated infracture zones and joints.
22.74 - 35.83	Ser Dis MS	Throughout entire zone. Occurs as very fine overprintng.
22.74 - 35.83	Ank P M	Overprinting whole zone, occurs as 1-5mm nodules
22.74 - 35.83	Carb VN WM	Alternatesin veingroth with qtz,dolomitic to ankeriticincomposition.
22.74 - 35.83	Qtz VN WM	Predominantly veinlets, multi-phased, 1mm-5mm intergron ith carbonates. Veins occur at 12, 50, 90, 0 degrees. 2 larger qtz veins (3, 13cm) at (37.54-37.74m, 29.33-29.46m respectively) veins tendrohost py as euhedral cubes or anhedral aggregates.
22.74 - 35.83	Qtz Dis M	general silicification of zone in siltstone/argillite.
35.83 - 0.00	Qtz VN MS	qtz+/-carb veinlets and veins throughout unit.
35.83 - 0.00	GRPH F WM	
35.83 - 0.00	Ank P MS	Overprinting alteration and replacment of wacke grains with Fe,Mg carbonates.

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
12.20 - 35.83	PY STR 1	
12.20 - 35.83	PY DIS 1	
12.20 - 35.83	PY CG 1	
12.20 - 35.83	PY BL 1	less than 1% forall py styles combined
35.83 - 0.00	PY INT 1	aggregates of anhedral.

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		35.83 - 0.00	PY DIS 1	all grain sizes throughout					
		35.83 - 0.00	PY CG 1	euherdral throughout					
		Structure Maj.:	***Type/Core Angle***	***Comment***					
		17.37 - 18.86	VN 22	17.61-17.74 m, deformed qtz-carb vein					
		17.37 - 18.86	G 70	18.69-18.75m, fault gouge.					
		17.37 - 18.86	BC	core loss at 17.86m					
		17.37 - 18.86	G 60	18.2-18.30m, sndy to gouge infill.					
		18.86 - 21.62	JNTS 10	single graphitic joint along bedding from 19.4-20.42m, nearly parralel with drill					
		18.86 - 21.62	JNTS 40	joint set at 20.54, 20.69, 20.95, 21.12m					
		18.86 - 21.62	JNTS 10	single graphitic joint along bedding plane from 20.22 to 21.62					
		21.62 - 23.47	F	Highly fractured, rubble section containing core loss zone, from 21.65 to 22.62m.					
		21.62 - 23.47	JNTS 12	22.62-22.90m: Graphitic joint along bedding .					
		21.62 - 23.47	VN 90	at 21.65m, about 3cm thick. Qtz vn with pyrite and graphite joints on ends.					
		21.62 - 23.47	BC	55 cm core loss in this interval.					
		27.00 - 28.60	VN 0	Late phase, cross cutting qtz veinlets parralel to drill direction.					
		27.00 - 28.60	VN 50	Folded Qtz and carb veinlet, early phase, Py association.					
		28.75 - 29.00	BC	40cm of core loss.					
		29.32 - 29.46	VN 90	Qtz vein with minor Py along wall rock contact.					
		32.97 - 34.25	F	Highly graphitic and fissile section of argillite.					
		32.97 - 34.25	BC	approximately 32cm of core missing in this section					
		34.81 - 34.87	VN 80	Qtz vein with fine grain euherdral pyrite at walrock margins.					
		35.83 - 35.83	UC	Relatively sharp transition from argillic bedding to coarse clastic greywacke lithology. Silicified veinlet network overprints the contact.					
		Texture Maj:	***Type***	***Comment***					

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		12.20 - 12.70	HOMO	quigranular, massive					
		12.70 - 20.42	HETR	strongly interbeded siltstone/argillite in wavy, lenticular and convoluted bedding.					
		20.42 - 21.13	HOMO	equigranular, massive					
		21.13 - 26.83	HETR	strongly interbeded siltstone/argillite in wavy, lenticular and convoluted bedding.					
		26.83 - 28.78	HOMO	equigranular, massive, competent.					
		32.61 - 34.30	HOMO	Strongly graphitic argillic zone. Structurally incompetent.					
		34.30 - 35.83	HETR	strongly interbeded siltstone/argillite in wavy, lenticular and convoluted bedding.					
35.83	47.42	**GWKE**	***Coarse greywacke***						

Composed of Structurally competent beds of coarse ankerolitic clasts in a lithic-silicic matrix. Upper contact is sharp and lower contact grades into argillite/siltstone over 20cm. Overall moderately penetrated by qtz-carb veins and veinlet networks.Veins and veinlets in this lithology reflect the same early and late phase orientations and crosscutting relations as the lithology overlying. Larger Qtz-carb veins are found only with Py. Minor interbedded argilitic sections present that are heavily qtz veined. Py disseminated through unit as either large(0.5 cm)euhedral cubes or as anhedral clusters from fine to coarse grain. Joints in unit are often graphitic.

Structure Maj.:	*Type/Core Angle*	*Comment*
35.84 - 47.42	VN 75	47.08-47.12m, qtz-carb vn with very minor intergrown Py, and moderate Py at wallrock margins.
35.84 - 47.42	VN 60	45.12-45.20m, qtz-carb vn, no visible mineralization associated.
35.84 - 47.42	VN 85	39.67-39.74m, qtz-carb vn with vugs. Intergrown fg Py and Py at wallrock margins.
35.84 - 47.42	G 85	fault gouge on bottom of qtz-crb vn. At 39.57m.
35.84 - 47.42	VN 85	39.52 -39.57m, qtz-carb vein with Py ingown and at margins.

Texture Maj:	*Type*	*Comment*
35.83 - 47.42	CG	Unit characterized by coarse grained wacke.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
47.42	117.40	**ARG/SLT** ***Argillite & Siltstone***					

Variably Interbedded argillites and siltstone. Upper contact gradually transitions from coarse greyacke unit to fissile graphitic upper argillites then alternate between beds of more competent siltstones and argillites.Upper contact zone is highly faulted and fractured, containg gouge and significant zones of core loss.The upper zone is dominantly black graphitic argillite that transitions to competent siltstone mid unit. The lower portion of the unit exhibits coarseningup beds of siltstone/argillite to wacke. The bottom of the unit gradually transitions to highly silicified siltstone/greywacke at the lower contact. Unit moderately Qtz-carb veined, from veinlet zones to large veins up to 20cm. Larger veins are later phases and the bulk of Qtz-carb veinlets are early phase,they are folded and warped. Mineralization is mainly Py, which occurs as euhedral cubes(1-20mm), typically in veins. Py is also disseminated as blebs throughout coarser grained sections and as aggregates in really fractuerd zones. Trace Sp pesent in lower late veining.

Minor Interval:

47.42 65.10 ARG *Argillite*

Dominantly black Graphitic argillite, highly fractured and faulted with minor interbedded siltstone-wacke before gradually transitioning to more competentargillite siltstone at 65.1m.

Alteration Min:	*Type/Style/Intensity*	*Comment*
47.42 - 65.10	TLC F WM	confined to fractures and joints.
47.42 - 65.10	GRPH F S	Brittle section with very high graphite content

Structure Min.:	*Type/Core Angle*	*Comment*
47.42 - 51.75	BC	missing 58 cm between 50.90-51.75
47.42 - 51.75	BC	missing 1.6m of core between 47.85m and 50.9m.
47.42 - 51.75	FLT 60	Heavily faulted and fractured section, large segments of fault gouge.
59.31 - 59.40	VN 80	Large qtz vn with py stringers intergrown.
63.40 - 63.45	G 90	fault gouge
65.00 - 65.10	F	Highly fractured zone with minor fault gauge development, marks end of subunit.

Texture Min:	*Type*	*Comment*

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LITHOLOGY REPORT

- Detailed -

Hole Number **18-DH-1218** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

65.10 117.40 ARG/SLT *Argillite & Siltstone*

Interbedded siltstone, argillite and minor coarse wacke units. Silicification and competence increases down hole inthis unit to the lower contact where the coloration significantly lightens due to severe alteration.

Alteration Min:	Type/Style/Intensity	Comment
65.20 - 117.40	Qtz VN M	subunit contains moderate amounts of larger qtz veins with intermitant growth of carb and sulphides (Py, Gn,Sp,Cpy)
65.20 - 117.40	Qtz P WM	increasingly silicified with depth.
65.20 - 117.40	Ank P M	Pervassive but strongest in coarser wacke sections.

Mineralization Min:	Type/Style/%Mineral	Comment
65.20 - 117.40	PY CG 1	Concentrated around qtz veins, intergrown in vns and generally throughout entire subunit. Euhedral and aggregate habbit.
65.20 - 117.40	PY DIS 1	Disseminated throughout entire subunit, varies from vf anhedral to coarse euhedral.
68.08 - 68.26	PY INT 1	coarse grain infill of qtz vugs
68.08 - 68.26	GN INT 1	coarse grain infill of qtz vugs
75.93 - 76.00	GN INT 0.1	intergrown with qtz vn.
75.93 - 76.00	PY INT 1	intergrown with qtz vn
82.04 - 82.13	GN INT 0.1	intergrown with qtz vn
82.04 - 82.13	SPH INT 0.1	intergrown with qtz vn
82.04 - 82.13	PY INT 0.1	intergrown with qtz vn
86.71 - 86.72	GN INT 0.1	trace Gn in Qtz-carb vn.
94.26 - 94.77	SPH 1	intersticial grwoth, fine to medium grain, associated with Gn and Py.
94.26 - 94.77	PY INT 1	Py imtergrown with vein qtz and intersticially as medium grain subhedral perpendicular to qtz vein.
94.26 - 94.77	GN 0.1	intergrown with Gn in trace amounts, associated with Py.
115.90 - 116.19	SPH INT 0.1	fg vug filling habbit. Associated with Gn.

Hole Number **18-DH-1218** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)		Lithology		Sample #	From	To	Length	Au (g/t)
		115.90 - 116.19	GN INT 1	Intersticial coarse grain in Qtz vein. Associated with Sph.					
		115.90 - 116.19	PY INT 1	Intergrown with large qtz vein as med-coarse grain.					
		Structure Min.:	***Type/Core Angle***	***Comment***					
		65.10 - 65.12	VN 85	65.08-65.12m, Qtz-carb vein with fg Py intergrown and at vn-wallrock contacts as coarse grain cubes.					
		68.08 - 68.26	VN 65	Large coarse qtz vein with intergrown stringers of Py and trace Gn occuring as vug fill, coarse grained.					
		75.93 - 76.00	VN 80	large Qtz+carb vn with fg Gn, Sph and Py intergrown. Bottom contact with wallrock contains minor gouge, highly graphitic.					
		82.04 - 82.13	VN 75	Large qtz vein with intergrown trace Sph, Gn and Py					
		86.44 - 86.71	G 80	small section of gouge in joint at 86.52m					
		86.44 - 86.71	VN 80	Large qtz-carb vein with trace Gn intergrown, no visible py in vein but med grain euhedral py at vein-wallrock margin.					
		91.50 - 91.96	VN 82	Large qtz-carb vein 91.88 to 91.96m. Largely baren, minor med. Grain anhedral Py intergrown.					
		91.50 - 91.96	FLT 82	Fault zone lies withing gouge zone at 91.5m, highly graphitic joint with adjacent qtz vn.					
		91.50 - 91.96	JNTS 82	Graphitic joint 2-3mm thick between qtz vn and gouge, slicken.					
		91.50 - 91.96	G 82	Section of fault gouge, approx. 10cm thick starting at 91.5m					
		94.26 - 94.77	VN 90	Large coarse qtz vein set with wallrock inclusions heavily penetrated by veinlets. Contains intersticial and intergrown Py, Sph and Gn.					
		100.47 - 100.67	JNTS 30	100.47,Highly graphitic joint along bedding plane.					
		100.47 - 100.67	VN 73	100.61-100.67, Qtz vein with graphitic joint on top.Visually sulphide barren, minor carb intergrown and minor fg Py at vein-wallrock margin.					
		104.55 - 104.60	G 80	104.55m, 2cm thick section of gouge between vn and upper wallrock					
		104.55 - 104.60	VN 80	2.5cm qtz vein with minor fg Py intergrown.					

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

111.19 - 111.23	VN 55	Qtz-carb vein with minor fg Py intergrown.
113.51 - 113.67	VN 65	Medium size, qtz-carb vein with minor Py intergrown and at wallrock margins.
115.90 - 116.19	VN 78	Large qtz vn. Contains minor intergrown coarse Gn and Py. Coarse euhedral py cubes are concentrated at wallrock margins.

Texture Min:	*Type*	*Comment*
65.10 - 117.40	HETR	98.1-114.91m,Section of graded bedding from siltstone to coarse wacke, fining down.
65.10 - 117.40	HETR	Interbedding of Argillites, siltstones and wackes.

117.40 149.96 **GWKE** ***Altered greywacke***

Highly competent, highly silicified, Ankeritic/Dolomitic sericite overprinted greyacke with minor occurrence of siltstone-argillite interbeds. Lower portion highly inundated with early phase Qtz veins and ending at lower contact with a large zone of late phase Qtz,carb veining(Cpy associated) before transitioning to argillite-siltstone gradually at end of hole. Strong silicification characterizes this unit. Mineralization is dominantly py, moderately disseminated throughout unit as coarse and fine grain euhedral grains. Qtz-carb veined zones host largest py grains. Late phase qtz-carb veins near eoh contain more Cpy than py.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
117.40 - 149.96	Qtz VN WM	Veining throughout entire unit, most strongly in lower subunit, associated with carb vn. (approx. 5% core volume).
117.40 - 149.96	Qtz P MS	Most silicified unit, upper subunit most strongly silicic.
117.40 - 149.96	GRPH F W	Minimal amounts, confined to fractured zones mainly in lower subunit.
117.40 - 149.96	Carb VN W	Minor vein component. Lower subunit has bulk of veining (approx. 5% of core vol.).
117.40 - 149.96	Ank P MS	Pervassive throughout unit, strongly visible inn upper subunit.
117.40 - 149.96	BL P S	Visually dominant feature, entire unit. To lesser extent in lower subunit.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		117.40 - 149.96 PY VN 1 Moderate occurrence at vein boundaries, ranging from med-coarse grain sub-anhedral.					
		117.40 - 149.96 PY DIS 1 Disseminated throughout unit from fine anhedral to coarse grain euhedral.					

Minor Interval:

117.40 136.90 GWKE *Greywacke*

Subunit characterised by highly bleached, competent, relatively homogeneous, silicified and highly overprinted greywacke. The alteration overprint is a combination of ankerite/dolomite node overprint, silicification and likley sericitization. A segment from 130m to 131.70m transitions back to less altered interbedded siltstone, like the unit above 117.4m. This segment is highly fragmented and core was lost here. The subunits lower extent appears slightly less altered with more occurences of siltstone interbeds and increasingly more veined by qtz. At around 136.9m a strong increase in qtz veining and siltsone-wacke interbedding marks the transition to the lower subunit.Mineralization is dominantly Py, dissemenated throughout as coarse cubes, and minor intergrown Py in qtz veins.

Alteration Min:	Type/Style/Intensity	Comment
117.40 - 136.90	Qtz P S	subunit defining alteration.
117.40 - 136.90	BL P S	Subunit defining alteration.

Structure Min.:	Type/Core Angle	Comment
122.00 - 122.06	VN 82	Qtz vn with minor carb and moderate coarse Py at wallrock margins.
124.90 - 125.08	VN 50	Large qtz-carb vein with trace intersticial Py and moderate amounts of med-coarse Py at wallrock margins.
126.35 - 126.67	VN 50	1cm thick, barren qtz vn before highly fractured rubble section
126.35 - 126.67	F 50	entire section rubble, coarse py cubes and disseminated py throughout.
130.15 - 131.70	VN 60	minor qtz+carb veining throughout this section. Coarse and fine disseminated Py throughout.

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Hole Number **18-DH-1218** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		130.15 - 131.70	F 60	jointing roughly 60 degrees, highly graphitic section					
		130.15 - 131.70	BC	30cm core missing in this section					
		133.08 - 133.12	VN 75	Qtz-carb vein with graphitic wallrock margins. Minor Py on wallrock margins.					
		134.26 - 134.37	VN 40	Large vuggy qtz vein with Py growth in vugs as fg subhedral. Minor coarse grain py at wallrock margins.					
		Texture Min:	***Type***	***Comment***					
		117.40 - 136.90	REXD	Alteration overprint and partial textural obliteration of greywacke sediments.					

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

136.90 149.96

The lowest subunit is characterized by a highly vein penetrated, altered, interbedded wacke-siltstone.Moderate sized Qtz-carb veins frquently occur until EOH. The end of the subunit (EOH) contains a very large qtz-carb vein section that contains a a large amount of Cpy with minor Py. This subunit contains a higher frequency of graphitic joints and more Py than the overlying subunit.

Alteration Min:	*Type/Style/Intensity*	*Comment*
136.90 - 149.96	Qtz VN S	Sub unit characterized by high frequency of medium sized veins.
136.90 - 149.96	Qtz P M	Highly silicified, but less than overlying sub unit.
145.40 - 145.50	FUCH PCH W	Cr-mica patches overprinting wallrock rear qtz vein margin.

Mineralization Min:	*Type/Style/%Mineral*	*Comment*
144.36 - 144.37	CP BL 0.1	Trace amounts in veinlets radiating off of large low angle qtz-carb vein. Only sulphide in vein.
146.69 - 148.04	CP BL 0.1	minor amounts intergrown in qtz vn. Fine to med grain.
146.69 - 148.04	PY INT 1	moderate amounts dispersed throughout qtz vein as med grain euhedral.
149.25 - 149.29	GN INT 1	moderate, coarse, blebby-interstitial growth in Qtz-carb vein, associated with Cpy growth in qtz vein.
149.25 - 149.29	CP BL 1	moderate, coarse, blebby-interstitial growth in Qtz-carb vein, near wallrock contact.

Structure Min.:	*Type/Core Angle*	*Comment*
138.67 - 139.00	F 50	138.77-139.00m, highly fractured core section.
138.67 - 139.00	VN 50	138.67-138.77m, qtz-crb vein with minor fine-medium grain Py intergrown. Py also concentrated at wallrock margin as coarse cubes.
139.54 - 139.74	FLT 60	Section of 2cm thick, sndy gouge. Highly graphitic joints with slicken.
139.54 - 139.74	G 60	2cm thick at 139.74m

LITHOLOGY REPORT
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Hole Number **18-DH-1218** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		139.54 - 139.74	F	Section of core highly fragmented. Minor qtz-carb veining.					
		143.58 - 146.05	VN 52	145.92-146.06m, qtz carb vein. Appears sulphide barren, minor fg Py near wallrock margins.					
		143.58 - 146.05	VN 55	145.49-145.51m, qtz carb vein. Minor fg intergrown Py with coarse Py cubes concentrated at wallrock margins. Fuchsite patches near walrock margin.					
		143.58 - 146.05	VN 18	At 44.16, vn is approx. 5cm thick. qtz carb vein. Minor fg intergrown Py with coarse Py cubes concentrated at wallrock margins. Trace Cpy(144.36m) in small veinlet sections from this vein.					
		143.58 - 146.05	VN 50	143.73-143.77m, qtz carb vein. Minor fg intergrown Py with coarse Py cubes concentrated at wallrock margins.					
		146.43 - 148.04	BC	40cm missing core in this section.					
		146.43 - 148.04	VN 60	Largest Qtz-carb vein in drill hole. Moderate amount of med grain , euhedral Py at upper wallrock margin, minor Cpy first appears at 146.69m, followed by a moderate peppering of py, Cpy re-appears at 147.8m and shows till end of vein.					
		148.04 - 149.96	VN 65	149.25-149.29m, Qtz-carb vein with med grain Cpy and Gn intergrown with Qtz. Minor fg Py conventrated at wallrock margins.					
		148.04 - 149.96	FLT 60	Gouge segment with graphitic rubble aroung, possible faulting.					
		148.04 - 149.96	G 60	Minor sndy gouge lemse at 148.05m.					
		Texture Min:	***Type***	***Comment***					
		136.90 - 149.96	HETR	Highest frequency of medium sized veins in altered greywacke.					

DRILL HOLE REPORT

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

Drilling

Azimuth:	119
Dip:	-60
Length:	150
Started:	13-Jul-18
Completed:	14-Jul-18
Logged:	16-Jul-18

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	HQ
Storage:	Spanish Mou
Section:	Section 1
Hole Type	INF

Location

Township:	LIKELY
Claim No.:	204667
NTS:	93A/12
Hole:	SURFACE

Other

Logged by:	Lesly Balderas
Relog by:	
Contractor:	Atlas Drilling
Spotted by:	
Surveyed:	
Surveyed by:	Trimble DGPS
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: Twin hole of 09-DDH-872 for metallurgy studies
some veins had galena and sphalerite, no visible gold. Not sample.

Coordinate - Gemcom

East:	604377.61
North:	5827755.352
Elev.:	1166.82

Coordinate - UTM

East:	604377.61
North:	5827755.352
Elev.:	1166.82
Zone: 10	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	119.00	-60.00	C	☑	SET AT -60 AND 119 AZ
17.37	105.90	-60.50	R	☑	57 FT
47.85	107.20	-60.40	R	☑	157 FT
78.33	107.60	-60.20	R	☑	257 FT
108.81	107.70	-60.40	R	☑	357 FT
139.29	108.30	-59.80	R	☑	457 FT

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

0.00 6.84 **CAS** ***Casing***

Casing to 6.1 m (20 ft) core recovery starts at 6.84 m

6.84 14.21 **GWKE** ***Greywacke***

Light grey color, medium gr, black lithic frag, strong anke alteration (mottled on core, range in size up to 5mm wide, rhomb, 10-15%) and less than 1% py (disseminated fn gr py, cg py, and blebby py).
Strong oxidation at top of the hole mainly on fractures decreases with depth (mainly limonite).
Homogenous texture throughout unit with spotted fn gr veinlets less than 2mm thick and an angle of 20-30 degrees. Last 74 cm of the unit has a stronger content of fn gr qtz veinlets changing the texture to heterogeneous.
At 13.80m frac has gouge (lim, chl) and low fn gr py.
Lower contact is mark by the end of the veinlets (sharp at 50 degree).

Alteration Maj:	*Type/Style/Intensity*	*Comment*
6.84 - 13.31	CHL F W	
6.84 - 13.31	Qtz VN W	small veinlets and two qtz veins.
6.84 - 13.31	Oxid MO W	on core
6.84 - 13.31	Oxid FF S	on fractures
6.84 - 13.31	Ank MO M	rouded-Rhomb
13.31 - 14.21	Qtz VN M	veinlets
13.31 - 14.21	CHL FF M	strong weathering
13.31 - 14.21	Oxid FF MS	strong weathering

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
6.84 - 13.12	PY DIS 0.05	less than 1% total py
6.84 - 13.12	PY BL 0.05	At 9.3m big bleb of py (3.5cm by 1cm)
6.84 - 13.12	PY CG 1	less than 1%, subhedral-euhedral py

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
		13.12 - 14.21 PY BL 3 after 13cm to 14.21 stronger cont of py about 3%, blebbly (euhedral py) and diss					
		Structure Maj.: ***Type/Core Angle*** ***Comment***					
		7.48 - 7.61 BC 0 the vein is broken up					
		7.48 - 7.61 VN 0 weather fn gr qtz vein, about 12 cm long, strong lim, weak chl, has some vug w euhedral qtz.					
		9.50 - 9.50 F 30 fractrure, strongly weather (lim), sandy.					
		11.59 - 11.63 VN 55 slightly weather fn gr qtz vein, vugs and subhedral qtz of about 5mm, no mineralization					
		13.45 - 13.64 G 60 gougy and sandy in some fractures					
		13.45 - 13.64 F 60 strongly weather fractures (lim, chl) tr of py					
		13.45 - 13.64 BC 60 broken core,					
		13.80 - 13.80 G 20 gougy and sandy about 2mm thick					
		13.80 - 13.80 F 20 weather mainly chl weal lim					
		14.21 - 14.21 LC 50 sharp marked by the end of veinlets					
		Texture Maj: ***Type*** ***Comment***					
		6.84 - 13.31 HOMO					
		13.31 - 14.20 HETR course gr with fn gr veinlets/stringers					
14.21	29.68	**SLTSTN** ***Siltstone***					
		Light to medium grey color, fn gr, with moderate-strong ank alteration (mottled on core, average on size 5mm but go up to 10mm in some areas, however it's weaker than section above, about 5-7%), py mineralization it's about 1% mainly blebs of fn gr pyrite and euhedral py. Moderate oxidation continues on fractures (lim and chl) to the end of the unit. Texture is heterogamous; fn gr with weak-moderate late stage veinlets at an angle of 70-80 degrees. Veinlets are fn gr qtz with fn gr py, range in size from < 1mm to 3mm wide. Lower contact its gradual; it looks darker in color (dark grey).					
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***					
		14.21 - 29.68 Oxid FF M					
		14.21 - 29.68 Ank MO MS about 5-7% ank					

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Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Mineralization Maj. :	Type/Style/%Mineral	Comment
14.21 - 29.68	PY CG 1	spotted sections with euhedral py
14.21 - 29.68	PY BL 1	spotted blebs of fn gr py

Structure Maj.:	Type/Core Angle	Comment
15.08 - 15.08	F 15	moderate weathering, lim , chl, and tr py
15.63 - 15.76	VN 0	fn gr qtz vn not sure size, weather, limonite
15.63 - 15.76	BC 0	broken core, it has a vein
16.88 - 16.88	VN 45	veinlet 3mm wide, fn gr qtz w crab (weak), slightly weather (weak)
20.34 - 20.34	VN 65	veinlet 3mm wide, fn gr qtz w crab (weak)
22.61 - 22.63	F 60	moderate weather ch with weak lim, tr py
22.61 - 22.63	VN 60	fn gr qtz vn slightly weather
23.47 - 23.55	F 75	moderate weather lim, weak chl
23.47 - 23.55	VN 75	fn gr qtz vein, slightly weather, w vug, no minerralization
24.34 - 28.05	F 35	fractures; moderate weathering w lim (strong) and chl (weak-moderate). After 26.75 stronger chl content weaker lim. Fractures have a 30-40 degrees angle.
24.34 - 28.05	BC 0	Broken core, 90% are naturall fractures,
29.68 - 29.68	LC 0	Gradual

Texture Maj:	Type	Comment
14.21 - 29.68	HETR	fn gr with weak-moderate late stage veinlets (stockwork)

29.68 65.80 **ARG** ***Argillite***

Dark grey / black color, fn gr, graphitic, weak carb, strong stockwork of fn gr qtz veinlets at different angles, some of the veinlets are strongly mineralize with py (disseminated). Core is competent at the beginning, not so much at the end of the unit, fault zone(s). Few larger fn gr qtz veins with trace of carb and py.
About 2 meters of core lost.
Lower contact its gradual.

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Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Alteration Maj:	Type/Style/Intensity	Comment
29.68 - 35.66	Qtz VN MS	veinlets
29.68 - 35.66	Ank MO M	about 3%
35.66 - 43.14	Qtz VN WM	veinlets
35.66 - 43.14	Sil P S	silicification sections, changing to a ligher grey color, stronger core and higher ank content
35.66 - 43.14	Ank MO S	about 3%
43.14 - 64.00	Qtz VN S	strong veinlets/stringers and veins
43.14 - 64.00	Ank MO M	about 3%
64.00 - 65.80	Sil P MS	silicification sections
64.00 - 65.80	Ank MO W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
29.68 - 64.80	PY STR 0.5	fn gr stringers/veinlets with fn gr py
29.68 - 64.80	PY BL 0.5	spotted blebs of fn gr py
29.68 - 64.80	PY DIS 2	about 2% in the whole unit.

Structure Maj.:	Type/Core Angle	Comment
34.87 - 34.87	F 25	smooth, graphitic with qtz and weak oxidation
35.18 - 35.66	FLT 0	faulted? Sandy, strongly graphitic
35.18 - 35.66	BC 0	broken core about 30cm of core lost
35.75 - 35.75	F 0	chl
38.71 - 38.71	F 0	strong mineralizatio of euhedral py about 25%
40.43 - 40.50	VN 0	fn gr qtz vein (section), with vugs that has a nice euhedral qtz
40.43 - 40.50	BX 0	section looks brecciated
41.56 - 41.56	SLK 35	slickenlines in fracture
41.89 - 41.96	F	
41.89 - 41.96	VN 0	fn gr qtz vein, tr of py and weathering
41.89 - 41.96	BC 0	qtz vein is broken up

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		45.42 - 45.47	VN 60	fn gr qtz vn with tr of carb and py					
		48.36 - 48.66	F 0	some fractures are smooth and graphitic					
		48.36 - 48.66	BC 0	broken core					
		49.59 - 51.36	FLT 0	maybe a fault zone?					
		49.59 - 51.36	BC 0	broken core, lost 1.20 cm of core (drillers had problems)					
		49.59 - 51.36	JNTS 0	sandy					
		54.09 - 55.00	FLT 0	fault zone, sandy and gouge					
		54.09 - 55.00	BC 0	broken core lost about 40 cm of core					
		54.09 - 55.00	G 0	gouge section of about 5 cm					
		55.60 - 55.62	VN 80	fn gr qtz vn with carb blebs, tr of fn gr py					
		55.68 - 56.07	G 0	gouge section with stong py mineralization about 7%					
		55.68 - 56.07	BC 0	broken core					
		55.68 - 56.07	FLT 0	faulted					
		56.75 - 57.00	G 0	gouge section about 3% py					
		56.75 - 57.00	BC 0	broken core					
		56.75 - 57.00	FLT 0	faulted					
		61.50 - 61.75	VN 50	fn gr qtz vn, tr py					
		61.50 - 61.75	BX 0	brecciated section (qtz vein)					
		61.75 - 63.98	BC 0	broken core,					
		61.75 - 63.98	F 5	at 63.17 m to 63.7 m fracture, sandy					
		61.75 - 63.98	FLT 0	fault zone					
		61.75 - 63.98	G 0	few areas with gouge					
		61.75 - 63.98	F 0	smooth graphitic fractures					
		65.80 - 65.80	LC 0	gradual					
		Texture Maj:	***Type***	***Comment***					
		29.68 - 65.80	VAR	Siltstone and argillite					
		29.68 - 65.80	HETR	fn gr with sections w strong stockwork of veinlets,					
		Minor Interval:							
		29.68	34.74	ARG/SLT *Argillite & Siltstone*					

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

First 4m are the transition from Siltstone to Argillite. Siltstone as above and Argilite as main unit, color changes from siltstone to a darker/black color, mineralization (py) increases with detph, and also veinlets/strongers.

Alteration Min:	Type/Style/Intensity	Comment
29.68 - 34.74	Qtz VN W	fn gr qtz veinlets, increase intensity with depth
29.68 - 34.74	Ank MO M	about 5% concentration

Mineralization Min:	Type/Style/%Mineral	Comment
29.68 - 33.00	PY BL 1	less than 1%, spotted blebs of subhedral py
29.68 - 33.00	PY STR 0.05	disseminated in qtz veilets
33.00 - 34.74	PY STR 1	py is disseminated in qtz veinlets, way stronger than above section, some veinlets are 70-80% py.
33.00 - 34.74	PY BL 2	blebs are bigger @ 33.15 it's about 4 cm long fn gr py.

Structure Min.:	Type/Core Angle	Comment
29.68 - 32.50	F 45	at 30.43m fracture is slightly weather, sandy with chl and some lim
29.68 - 32.50	VN 55	fn gr qtz veinlets, in different directions but dominantly at 50-60 degrees with fn gr py
32.50 - 32.54	VN 60	fn gr qtz veijn with tr py and carb blebs
32.54 - 34.74	VN 10	more fn gr qtz veinlets stockwork, stronger with depth, and dominantly at low angle (10 degrees)

Texture Min:	Type	Comment
29.68 - 34.74	HETR	fn gr with minor veinlets, these increase with depth

65.80 72.47 **SLTSTN** ***Alt Siltstone***

Light grey color, strongly alter (sericite), silicified sections, fn gr, moderate anke alteration (mottled, on average 3mm wide and 3-4% concentration, rhomb). Minor lithology Argillite.
Minor fn gr qtz veinlets and three competent qtz veins (bigger than 5cm).
Pyrite mineralization 1%, disseminated fn gr py, euhedral py, and blebby py.
Heterogeneous texture throughout unit; dependant on lithology, fn gr qtz veinlets/stringers (various orientations), brecciated in a section and also faulted.
Lower contact gradual.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Alteration Maj:	Type/Style/Intensity	Comment
65.80 - 72.47	Sil P M	whole unit
65.80 - 72.47	Ser PCH S	alt siltstone
65.80 - 72.47	Ank MO M	in whole unit

Mineralization Maj. :	Type/Style/%Mineral	Comment
65.80 - 72.47	PY DIS 0.5	f.g. disseminated less than 1%
65.80 - 72.47	PY CG 0.5	euhedral py
65.80 - 72.47	PY BL 0.5	blebs of py
67.65 - 67.65	SPH BL 0.01	Trace of sphalerite on fn gr qtz vn (no py)

Structure Maj.:	Type/Core Angle	Comment
67.07 - 67.07	F 30	graphitic,
67.63 - 67.70	F 60	lower fracture is graphitic
67.63 - 67.70	VN 60	fn gr qtz vn, tr sphalerite no py
67.70 - 67.77	FLT 0	faulted
67.70 - 67.77	G 0	gouge, strong serecite content, then graphitic
68.73 - 68.87	F 0	graphitic
68.73 - 68.87	BC 0	broken core, fractures are graphitic
68.95 - 68.96	VN 60	fn gr qtz vn with carb blebs
69.72 - 69.80	VN 65	fn gr qtz vn, tr py
70.50 - 70.60	BX 0	large Argillite frag, brecciated and silicified
71.85 - 71.95	F 45	lower fract/joint is graphitic
71.85 - 71.95	VN 45	vn gr qtz vn, weak carb blebs, lower angle its 45 degrees
71.85 - 71.95	BC 0	start of vein its broken up

Texture Maj:	Type	Comment
65.80 - 72.47	HETR	fn gr, lineations, qtz veinlets, and small bx
65.80 - 72.47	VAR	mainly greywacke with argillite

Minor Interval:

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Argillite & Siltstone

Small sections of Argilite mixed with alt siltstone (sericite), about 30% argillite, similar to section above. All Structures are recorded in main lithology.

Alteration Min:	Type/Style/Intensity	Comment
66.89 - 72.47	Ank MO M	
66.89 - 72.47	GRPH Dis S	strong in Argillite section.

Mineralization Min:	Type/Style/%Mineral	Comment
66.89 - 72.47	PY DIS 2	stronger concentration in Argillite than in Siltstone

Texture Min:	Type	Comment
66.89 - 69.19	VAR	alt greywacky and argillite

72.47 73.46 **GWKE** ***Greywacke***

Dark grey color, medium-course gr, black lithic frag, white subangular qtz frag, moderate anke alteration (mottled, average size 1mm wide, rounded, 2%) and less than 1% Py (euhedral py, and fn gr blebby py).
Homogenous texture throughout unit with spotted fn gr veinlets less than 1mm thick.
Lower contact it's gradual, marked it at end of veinlet sharp at 60 degrees.

Alteration Maj:	Type/Style/Intensity	Comment
72.47 - 73.46	Ser F WM	in some fractures
72.47 - 73.46	Ank MO M	about 2% concentration

Mineralization Maj. :	Type/Style/%Mineral	Comment
72.47 - 73.46	PY CG 1	euhedral subhedral py

Structure Maj.:	Type/Core Angle	Comment
73.45 - 73.46	VN	fn gr qtz vn 60 degrees

Texture Maj:	Type	Comment
72.47 - 73.46	CG	
72.47 - 73.46	HOMO	

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
73.46	141.00	**SLTSTN** ***Alt Siltstone***					

Alt siltstone with graphitic sections and alt greywacke, no sharp contacts, dark grey color to light grey color because of alt, silicified, fn grain, moderate mottled ank overall. The unit it's variolitic with veinlets, fn gr, faulted, some sections are brecciated. Over all py is about 1%.
Competed qtz veins with tr mineralization; galena, sphalerite and py located at 90.74m, and btw 101.25-102m. Lower contact is gradual.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
73.46 - 141.00	Carb Dis S	
73.46 - 141.00	Sil P S	silicified
73.46 - 141.00	Ser PCH S	sectios are alter about 60% of the unit its alter
73.46 - 141.00	Ank PCH S	pited ankerite (weather withchl ringsl)
73.46 - 141.00	Ank MO WM	throughout unit

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
73.46 - 141.00	PY CG 0.5	
73.46 - 141.00	PY DIS 0.5	
73.46 - 141.00	PY BL 0.05	
90.80 - 90.80	PY TR 0.01	qtz vn with py
90.80 - 90.80	GN TR 0.01	qtz vn with galena
92.10 - 92.10	PY TR 0.01	fn gr py in qtz vn
92.10 - 92.10	SPH TR 0.01	qtz vn with bleb of sphalerite
92.10 - 92.10	GN TR 0.01	qtz vn with bleb of galena
101.60 - 101.60	PY TR 0.1	pyrite blebs in qtz vn
101.60 - 101.60	SPH BL 0.1	sphalerite blebs in qtz vn
101.60 - 101.60	GN BL 0.1	galena bleb in qtz vn
101.85 - 101.85	PY TR 0.01	tr of py in qtz vn
101.85 - 101.85	SPH BL 0.01	sphalerite bleb in qtz vn
101.90 - 101.95	SPH VN 1	sphalerite veinlet (blebs) in qtz vein (upper contact).

Structure Maj.:	***Type/Core Angle***	***Comment***
75.29 - 75.73	BC 0	broken core,sandy section

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		75.29 - 75.73	FLT 0	may be faulted ?					
		75.29 - 75.73	VN 0	fn gr qtz vein or veins? Broken core, tr py					
		76.10 - 78.15	F 0	strong sericite alteration I frac					
		76.10 - 78.15	BC 0	broken core,lost about 40 cm of core					
		76.10 - 78.15	FLT 0	faulted					
		76.10 - 78.15	G 0	sections that are gougy and sandy,					
		80.20 - 80.30	VN 0	fn gr qtz vn qith tr of py					
		82.34 - 82.83	FLT 0	maybe faulted ? Sandy					
		82.34 - 82.83	BC 0	broken core, lost about 40 cm of core					
		82.34 - 82.83	VN 0	fn gr qtz vein, maybe 2 cm thick					
		82.34 - 82.83	F 0	strong sericite alt					
		84.75 - 84.85	VN 0	fn gr qtz vn in broken core maybe 4 cm thick.					
		84.75 - 84.85	BC 0	broke core					
		84.75 - 84.85	F 0	chl,					
		90.74 - 90.91	VN 60	fm gr qtz vn (broken up) tr galena and py					
		90.91 - 91.42	BC 0	broken core, ~25 cm of core lost					
		90.91 - 91.42	FLT 0	faulted					
		90.91 - 91.42	G 0	gouge section					
		92.04 - 92.22	VN 70	fn gr qtz vein, with tr of galea and sphalerite					
		92.22 - 92.37	FLT 0	broken core looks faulted, no gouge only sandy					
		92.22 - 92.37	BC 0	broken core goes in to the vein below					
		92.37 - 92.55	VN 0	fn gr qtz vn with py blebs and veinlet about 3%					
		92.37 - 92.55	BC 0	broken core, sandy sections					
		96.37 - 96.50	VN 85	1 cm fn gr qtz vn tr py					
		96.37 - 96.50	BC 0	broken core, lost about 10cm of core					
		96.37 - 96.50	F 25	long frac with strong sericite, sandy					
		98.13 - 98.30	VN 85	fn gr qtz vn with carb blebs					
		98.13 - 98.30	F 85	sandy with sericite and chl					
		99.52 - 99.53	VN 85	fn gr qtz vn w tr py					
		99.83 - 99.84	VN 60	fn gr qtz w tr py					

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)			Lithology	Sample #	From	To	Length	Au (g/t)
		101.58 - 101.65	VN 50	fn gr qtz vn w tr py					
		101.58 - 101.65	VN 70	fn gr qtz vn w tr galena					
		101.58 - 101.65	UC 65	fn gr qtz vn q tr galena and spahlerite					
		101.58 - 101.65	VN 0	section with 3 veins of about 1cm to 2 cm wide					
		101.81 - 101.82	VN 80	fn gr qtz vn, with tr sphalerite and py					
		101.88 - 102.02	VN 75	fn gr qtz vein, with big bleb/veinlet of sphalerite at upper ctc , it about 3mm thick and 5cm long					
		102.72 - 102.75	VN 0	fn gr qtz vn					
		102.72 - 102.75	BC 0	broken core, it's a qtz vn					
		104.12 - 104.14	VN 85	fn gr qtz vn qith vugs and tr of py					
		105.70 - 106.20	BC 0	broken core, lost about 10 cm					
		105.70 - 106.20	FLT 0	faulted					
		105.70 - 106.20	G 0	gouge and sandy section					
		107.06 - 107.13	F 0	fracture section might be faulted (?)					
		107.06 - 107.13	BC 0	broke core with sandy section (fracture filling about 1mm thick)					
		107.60 - 107.71	VN 70	fn gr qtz vn qith vugs,					
		107.85 - 107.87	VN 85	fn gr qtz vn with tr py					
		108.56 - 108.58	VN 89	fn gr qtz vn with vugs and tr py, also veinlts run trought core					
		108.58 - 108.79	BX 0	brecciated					
		108.79 - 108.82	VN 0	fn gr qtz vn w py blebs					
		111.23 - 111.24	VN 80	fn gr qtz vn					
		112.44 - 112.48	VN 80	fn gr qtz vn w py blebs (3%)					
		113.54 - 113.60	F 80	sericite					
		113.54 - 113.60	VN 80	fn gr qtz vn with weak carb					
		116.39 - 116.50	VN 75	fn gr qtz vn					
		117.20 - 117.77	G 0	small gougy/ sandy section					
		117.20 - 117.77	F 0	fractured core with small gougy section					
		118.07 - 119.00	VN 0	few veins and veinlets, fn gr qtz with carb blebs and tr py					

Spanish Mountain Gold Ltd.

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		119.19 - 119.32	G 0	gauge					
		119.19 - 119.32	FLT 0	faulted					
		119.19 - 119.32	VN 0	fn gr qtz vn with stronger carb content					
		120.90 - 121.30	F 30	graphitic					
		120.90 - 121.30	VN 30	fn gr qtz vn, slight weathering with carb bleb					
		123.47 - 123.58	VN 85	fn gr qtz vn w blebs of carb					
		124.81 - 124.89	FLT 0	faulted					
		124.81 - 124.89	G 0	gouge					
		124.89 - 125.00	BX 0	brecciated					
		125.70 - 125.80	VN 0	broken up fn gr qtz vn w carb blebs					
		125.70 - 125.80	F 0	gtraphitic section					
		127.75 - 128.00	VN 85	fn gr qtz vn q carb blrbs, tr py					
		128.13 - 128.16	VN 40	fn gr qtz vn					
		129.23 - 129.40	VN 80	fn gr qtz vn no mineralization					
		129.65 - 129.69	VN 80	fn gr qtz vn with vugs and euhedral py					
		131.80 - 132.88	BC 0	broen core					
		131.80 - 132.88	VN 0	small qtz vn that has been faulted about 2cm thick					
		131.80 - 132.88	G 0	gouge in section					
		131.80 - 132.88	FLT 0	faulted, sstrongly sericite and a small qtz vn					
		133.20 - 133.35	F 70	sericite and chl sandy					
		133.20 - 133.35	VN 70	fn gr qtz vn					
		135.05 - 135.20	BC 0	core lost of 15 cm					
		135.41 - 135.60	VN 0	vein, veinlets its brecciated					
		135.41 - 135.60	BX 0	fn gr qtz stockwork					
		136.71 - 137.00	BX 0	brecciated					
		136.71 - 137.00	VN 0	fn gr qtz stockwork (brecciated)tr py					
		138.66 - 138.70	VN 85	fn gr qtz vn					
		139.26 - 139.27	G 0	gouge, graphitic					
		139.26 - 139.27	BC 0	broekn core					
		139.27 - 139.92	BX 0	breciated section					

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)
139.27 - 139.92	VN 0	brecciated fn gr qtz stockwork					
140.50 - 141.00	BC 0	broken core, lost ~ 25 cm					
140.50 - 141.00	FLT 0	faulted section					
140.50 - 141.00	G 0	gougy and sandy					
141.00 - 141.00	LC 0	gradual and it's faulted					

Texture Maj:	Type	Comment
73.46 - 141.00	FLT	sections are faulted
73.46 - 141.00	LNTD	liniation (example at 85.5m)
73.46 - 141.00	BX	small breciated sections
73.46 - 141.00	VAR	patches of greywacke and argillite , mixed with alt siltstone / siltstone
73.46 - 141.00	HETR	fn gr, cg gr, veinlets stockwork

Minor Interval:

75.29 78.15 ARG/SLT *Argillite & Siltstone*

Similar to sections above; dark grey/ black color, strongly graphic, mixed with siltstone, section is faulted. Contact is gradual. Structures are log under main unit.
At 76.92 to 77.2 m small section of alt greywacke (similar to section above, light grey color with a weak green color). Pitted ankerite (mottled) with a rim of chl?,

Alteration Min:	Type/Style/Intensity	Comment
75.29 - 78.15	GRPH Dis S	in Argillite

Mineralization Min:	Type/Style/%Mineral	Comment
75.29 - 78.15	PY CG 1	euhedral py
75.29 - 78.15	PY DIS 1	less than 1%

Texture Min:	Type	Comment
75.29 - 78.15	HETR	
75.29 - 78.15	VAR	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)

Minor Interval:

83.75 84.20 ARG/SLT *Argillite & Siltstone*

same as above.

Alteration Min:	Type/Style/Intensity	Comment
83.75 - 84.20	GRPH P S	

Minor Interval:

79.60 80.20 GWKE *alt Greywacke*

Similar to sections above, light grey (bleach) with black lithic frag, pited ankerite (mottled) with a rim of chl?, contact is gradual

Minor Interval:

81.38 83.75 GWKE *alt Greywacke*

Similar to sections above, light grey (bleach) with black lithic frag, pited ankerite (mottled) with a rim of chl?

Minor Interval:

84.75 141.00 GWKE *alt Greywacke*

Similar to sections above, light grey (bleach) with black lithic frag, pited ankerite (mottled) with a rim of chl?, it's patchy though out unit.

141.00 149.96 **GWKE** ***Greywacke***

Light grey / slightly pale green color, with fuchsite blebs, black lithic fragments, moderate anke alteration (mottled, average size 2 mm wide, 3%), some sections are strongly alt with sericite. Low fn gr qtz veins and veinlets in section. Total core lost in this unit ~45 cm.
EOH at 149.96

Alteration Maj:	Type/Style/Intensity	Comment
141.00 - 149.96	Sid Dis S	
141.00 - 149.96	FUCH P M	fuchsite blebs
141.00 - 149.96	Ser PCH S	sericite alt

Mineralization Maj. :	Type/Style/%Mineral	Comment
141.00 - 149.96	PY TR 0.5	only in few spots

Structure Maj.:	Type/Core Angle	Comment
141.01 - 141.55	G 0	gouge and sandy

LITHOLOGY REPORT
- Detailed -

Hole Number **18-DH-1219** Project: **MAIN ZONE** Project Number: **002**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)
		141.01 - 141.55	FLT 0	faulted section					
		141.01 - 141.55	BC 0	broken core, ~ 20 cm of core lost					
		147.31 - 147.35	VN 70	fn gr qtz vn qith weak carb blebs (slightly cream)					
		147.82 - 147.85	VN 20	fn gr qtz vn w carb blebs					
		147.85 - 147.85	LC 0	EOH					
		Texture Maj:	***Type***	***Comment***					
		141.00 - 149.96	HOMO	honogeneous					

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**CCR**	Logged by:	**Agnes**	Hole Number:	**18-CCR-040**	Azimuth:	**0**
Location:	**Spanish Mountain**	Logged date:	**18/07/2018**	Core Size:	**HQ**	Inclination:	**-90**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
64.00	66.14	2.14	1.98	92.52	0.43	20.09	3	50	10						SIF, RUBBLE
66.14	69.20	3.06	3.02	98.76	1.04	34.01	3	50	5						RUBBLE, SLICK, GIF
69.20	72.24	3.04	3.14	103.22	1.53	50.30	3	50	18						SIF, SLICK
72.24	75.29	3.05	2.67	87.54	1.30	42.62	3	50	25						SMOOTH, SLICK
75.29	78.33	3.04	3.05	100.33	0.36	11.84	2	50	6						RUBBLE, SLICK, SMOOTH
78.33	81.38	3.05	3.04	99.67	0.33	10.82	3	50	10						RUBBLE, SLICK
81.38	84.43	3.05	3.04	99.67	1.58	51.80	4	50	0						GOUGE, SIF, SMOOTH
84.43	87.48	3.05	2.95	96.72	1.66	54.43	4	47	12						GOUGE, SIF, SMOOTH
87.48	90.53	3.05	2.96	97.05	0.86	28.20	3	50	0						GOUGE, SIF, GIF
90.53	93.57	3.04	3.08	101.32	1.06	34.87	3	50	12						SANDY, BRITTLE, RUBBLE
93.57	96.62	3.05	3.04	99.67	2.02	66.23	3	50	15						SANDY, SMOOTH
96.62	99.67	3.05	2.93	96.07	0.20	6.56	3	50	5						RUBBLE, SIF
99.67	102.72	3.05	2.53	82.95	0.10	3.28	3	50	0						RUBBLE, GOUGE, GRAPH
102.72	105.77	3.05	2.95	96.72	0.51	16.72	3	50	5						RUBBLE, GRAPH, SIF
105.77	108.81	3.04	3.28	107.89	0.38	12.50	2.5	50	0						RUBBLE, GRAPH GOUGE, SIF
108.81	111.86	3.05	2.75	90.16	0.00	0.00	2	50	0						GOUGE, RUBBLE, GRAPH
111.86	114.91	3.05	3.08	100.98	0.98	32.13	2	50	5						RUBBLE, GRAPH, SIF
114.91	117.98	3.07	2.93	95.44	0.67	21.82	0	50	1						RUBBLE, SIF
117.98	121.01	3.03	3.14	103.63	1.21	39.93	1	50	0						RUBBLE, SIF, GOUGE
121.01	124.05	3.04	2.40	78.95	0.26	8.55	1	50	0						RUBBLE, SIF, GOUGE
124.05	127.10	3.05	3.08	100.98	0.00	0.00	3	50	1						RUBBLE, SIF, ~ GOUGE
127.10	130.15	3.05	3.00	98.36	0.22	7.21	3	50	6						RUBBLE, SIF, GRAPH
130.15	133.20	3.05	2.97	97.38	0.47	15.41	1	50	5						RUBBLE, SIF, GRAPH
133.20	136.25	3.05	2.90	95.08	0.26	8.52	2	50	5						RUBBLE, SIF
136.25	139.29	3.04	3.10	101.97	0.10	3.29	3	50	0						RUBBLE, SIF, GRAPH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Project:	**CCR**	Logged by:	**Agnes**	Hole Number:	**18-CCR-040**	Azimuth:	**0**
Location:	**Spanish Mountain**	Logged date:	**18/07/2018**	Core Size:	**HQ**	Inclination:	**-90**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
139.29	142.34	3.05	2.90	95.08	0.26	8.52	2.5	50	5						RUBBLE, SIF, GRAPH
142.34	145.39	3.05	3.03	99.34	0.00	0.00	3	50	7						RUBBLE, SIF
145.39	148.44	3.05	3.30	108.20	0.31	10.16	3	50	12						RUBBLE
148.44	151.49	3.05	2.90	95.08	0.13	4.26	1	50	5						RUBBLE
151.49	154.53	3.04	2.91	95.72	0.24	7.89	3	50	18						MANY JOINTS ... EOH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**CCR**	Logged by:	**Agnes**	Hole Number:	**18-CCR-041**	Azimuth:	**0**
Location:	**Spanish Mountain**	Logged date:	**20/07/2018**	Core Size:	**HQ**	Inclination:	**-90**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
12.19	14.33	2.14	1.01	47.20	0.49	22.90	3	14	16						SMOOTH, SIF, RUBBLE
14.33	17.37	3.04	1.53	50.33	0.25	8.22	3.5	50	18						MINOR GRAPH, RUBBLE
17.37	20.42	3.05	1.59	52.13	0.00	0.00	2.5	50	10						SIF, GIF, RUBBLE
20.42	23.47	3.05	1.54	50.49	0.00	0.00	3	50	18						RUBBLE, MINOR GRAPH
23.47	26.52	3.05	2.22	72.79	0.36	11.80	3	50	18						RUBBLE, MINOR GRAPH
26.52	29.57	3.05	2.02	66.23	0.00	0.00	3	50	18						RUBBLE,GRAPH
29.57	32.61	3.04	0.31	10.20	0.00	0.00	3	50	16						STARTING TO HAVE DRILLING ~~PROBLEMS (FAULT?) ALMOST NO~~ CORE RECOVER
32.61	36.58	3.97	0.00	0.00	0.00	0.00	0	0	0						__RE-CASING NO CORE ~~RECOVER __~~
36.58	38.71	2.13	1.70	79.81	0.00	0.00	1	50	0						GOUGE, GRAPH, RUBBLE,
38.71	41.76	3.05	2.77	90.82	0.91	29.84	3.5	50	5						GRAPH, RUBBLE, MINOR GOUGE
41.76	44.81	3.05	3.05	100.00	0.44	14.43	3.5	50	17						GRAPH, RUBBLE, GIF, SIF
44.81	47.85	3.04	2.54	83.55	0.42	13.82	2	50	15						RUBBLE, SIF, MINOR GRAPH
47.85	50.90	3.05	2.63	86.23	0.26	8.52	3	50	9						RUBBLE, GRAPH, SIF
50.90	53.95	3.05	3.05	100.00	0.24	7.87	2	50	10						RUBBLE, GRAPH, SIF
53.95	57.00	3.05	2.90	95.08	0.48	15.74	2.5	50	5						RUBBLE, GIF, GRAPH
57.00	60.05	3.05	3.10	101.64	0.66	21.64	3	50	11						RUBBLE, SIF, GRAPH
60.05	63.09	3.04	2.91	95.72	0.47	15.46	2.5	50	8						RUBBLE, SIF, GRAPH
63.09	66.14	3.05	2.90	95.08	0.00	0.00	2	50	6						RUBBLE, SIF, GRAPH, MINOR ~~GOUGE~~
66.14	69.19	3.05	3.02	99.02	1.42	46.56	4	50	18						MINOR RUBBLE, SIF
69.19	72.24	3.05	3.10	101.64	0.92	30.16	3	50	8						RUBBLE, SIF, MINOR GOUGE, ~~GRAPH~~
72.24	75.29	3.05	3.10	101.64	0.47	15.41	2.5	50	15						RUBBLE, GRAPH
75.29	78.33	3.04	3.00	98.68	0.34	11.18	2	50	5						RUBBLE, GOUGE, SIF

GEOTECHNICAL DRILLHOLE REPORT SHEET

Project: **CCR** Logged by: **Agnes** Hole Number: **18-CCR-041** Azimuth: **0**

Location: **Spanish Mountain** Logged date: **20/07/2018** Core Size: **HQ** Inclination: **-90**

INTERVAL			RECOVERY		RQD			No.	Typ.	JOINT CONDITION					Geological Description - Rock Type,
FROM	TO	LENGTH	m	%	m	%	HARD	Joints	Joint	PERSIS	APER	ROUGH	INFILL	WTHR	Colour, Texture, Alteration, Structure
78.33	81.38	3.05	3.00	98.36	0.82	26.89	3	50	19						RUBBLE, MINOR SIF
81.38	84.43	3.05	2.90	95.08	0.58	19.02	3	50	4						RUBBLE, GOUGE, SIF
84.43	87.48	3.05	2.98	97.70	0.56	18.36	3.5	50	0						CLAY, GOUGE, RUBBLE, GRAPH
87.48	90.53	3.05	3.05	100.00	0.82	26.89	3	50	10						RUBBLE, GRAPH, GIF
90.53	93.57	3.04	3.10	101.97	1.54	50.66	3	50	5						GOUGE, GRAPH
93.57	96.62	3.05	3.06	100.33	0.16	5.25	2	50	7						GRAPH, SIF
96.62	99.67	3.05	2.90	95.08	1.03	33.77	2.5	50	10						GRAPH
99.67	102.72	3.05	3.10	101.64	1.90	62.30	3	35	20						MINOR GRAPH
102.72	105.77	3.05	2.95	96.72	2.25	73.77	4	27	6						MINOR GRAPH, SLICK, Joint type (20), 6 at slick
105.77	108.81	3.04	3.05	100.33	1.90	62.50	3.5	44	20						GRAPH
108.81	111.86	3.05	3.06	100.33	1.40	45.90	3	50	16						GRAPH, MINOR SIF
111.86	114.91	3.05	2.55	83.61	0.00	0.00	3	50	2						GRAPH, RUBBLE, SIF,
114.91	117.96	3.05	3.10	101.64	1.70	55.74	3	50	17						GRAPH, GOUGE
117.96	121.01	3.05	3.04	99.67	2.44	80.00	3	22	23						MINOR GRAPH
121.01	124.05	3.04	3.10	101.97	2.70	88.82	3.5	20	24						MINOR GRAPH
124.05	127.10	3.05	3.06	100.33	1.79	58.69	3	40	19						GRAPH, SIF
127.10	130.15	3.05	3.04	99.67	2.44	80.00	4	21	24						MINOR GRAPH
130.15	133.20	3.05	3.14	102.95	2.39	78.36	3.5	24	22						MINOR GRAPH
133.20	136.25	3.05	3.00	98.36	1.76	57.70	3.5	34	20						GRAPH
136.25	139.29	3.04	3.07	100.99	1.37	45.07	3	50	17						GRAPH, SIF
139.29	142.34	3.05	2.30	75.41	0.70	22.95	2.5	50	6						GRAPH, GOUGE, SIF
142.34	145.39	3.05	3.10	101.64	1.05	34.43	1	50	0						GRAPH, GOUGE
145.39	148.44	3.05	3.10	101.64	1.03	33.77	2	50	10						GRAPH, RUBBLE, SIG
148.44	151.49	3.05	3.06	100.33	0.77	25.25	1	50	5						GRAPH, RUBBLE
151.49	154.53	3.04	3.06	100.66	0.30	9.87	0	50	0						GRAPH, GOUGE

GEOTECHNICAL DRILLHOLE REPORT SHEET

Project: **CCR** Logged by: **Agnes** Hole Number: **18-CCR-041** Azimuth: **0**

Location: **Spanish Mountain** Logged date: **20/07/2018** Core Size: **HQ** Inclination: **-90**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
154.53	157.58	3.05	2.80	91.80	0.97	31.80	0	40	2						GRAPH, GOUGE, SIF
157.58	160.63	3.05	3.07	100.66	0.44	14.43	0	50	0						GRAPH, GOUGE, SIF
160.63	163.68	3.05	2.84	93.11	0.00	0.00	0	50	1						GRAPH, GOUGE, SIF
163.68	166.73	3.05	3.00	98.36	0.33	10.82	0	50	0						GRAPH, GOUGE, SIF
166.73	169.77	3.04	3.10	101.97	0.00	0.00	0	50	0						GRAPH, GOUGE, SIF
169.77	172.82	3.05	3.20	104.92	1.12	36.72	1.5	45	3						RUBBLE, GOUGE
172.82	175.87	3.05	3.04	99.67	0.12	3.93	0	50	1						RUBBLE, GRAPH, GOUGE
175.87	178.92	3.05	3.05	100.00	0.24	7.87	0	50	0						RUBBLE, GRAPH, GOUGE
178.92	181.97	3.05	3.12	102.30	0.12	3.93	1	50	1						RUBBLE, GRAPH, GOUGE
181.97	185.01	3.04	3.05	100.33	0.13	4.28	1	50	1						RUBBLE, GRAPH, GOUGE
185.01	188.06	3.05	3.20	104.92	0.27	8.85	4	50	15						RUBBLE, GRAPH,
188.06	191.11	3.05	2.85	93.44	0.26	8.52	1.5	50	4						RUBBLE, GIF, SIF
191.11	194.16	3.05	2.60	85.25	0.13	4.26	1	50	0						RUBBLE, GIF, SIG,GRAPH____EOH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Project: **CCR** Logged by: **Lesly Balderas** Hole Number: **18-CCR-042** Azimuth: **0**

Location: **Spanish Mountain** Logged date: **24/07/2018** Core Size: **HQ** Inclination: **-90**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
64.41	66.14	1.73	1.50	86.71	0.00	0.00	2	50	10						RUBBLE, SIF, GRAPH
66.14	69.19	3.05	2.75	90.16	0.13	4.26	0	50	0						GOUGE, RUBBLE, GRAPH
69.19	72.24	3.05	1.76	57.70	0.37	12.13	0	50	0						GOUGE, RUBBLE, GRAPH
72.24	75.29	3.05	2.90	95.08	0.16	5.25	1	50	0						GOUGE, RUBBLE, GRAPH
75.29	78.33	3.04	1.60	52.63	0.00	0.00	2	50	0						GOUGE, RUBBLE, GRAPH
78.33	81.38	3.05	2.99	98.03	0.95	31.15	3	50	15						RUBBLE, GIF, SIF
81.38	84.43	3.05	2.50	81.97	0.25	8.20	2	50	18						RUBBLE. GRAPH
84.43	87.48	3.05	2.80	91.80	0.15	4.92	1	50	10						RUBBLE, GRAPH, SMOOTH ..
87.48	90.53	3.05	2.18	71.48	0.00	0.00	0	50	2						GOUGE, RUBBLE, GRAPH, SMOOTH
90.53	93.57	3.04	3.10	101.97	0.00	0.00	0	50	0						GOUGE, RUBBLE, GRAPH, SMOOTH
93.57	96.62	3.05	2.18	71.48	0.00	0.00	1	50	5						RUBBLE, GOUGE, SIF, GRAPH
96.62	99.67	3.05	2.68	87.87	0.00	0.00	2	50	8						RUBBLE, GOUGE, GRAPH, GIF, SIF
99.67	102.72	3.05	2.30	75.41	0.00	0.00	0	50	0						GOUGE, RUBBLE, GRAPH
102.72	105.77	3.05	3.07	100.66	0.00	0.00	0	50	0						GOUGE, RUBBLE, GRAPH
105.77	108.81	3.04	3.02	99.34	0.00	0.00	2	50	5						RUBBLE, GRAPH, SIF, GIF
108.81	111.86	3.05	2.80	91.80	0.20	6.56	2	50	10						GOUGE, RUBBLE, GRAPH
111.86	114.91	3.05	3.10	101.64	0.37	12.13	3	50	15						RUBBLE, GRAPH, SIF, GOUGE
114.91	117.96	3.05	2.85	93.44	0.50	16.39	3	50	10						RUBBLE, SIF, GRAPH, GOUGE
117.96	121.01	3.05	2.70	88.52	0.54	17.70	2	50	2						RUBBLE, SIF, GIF, GOUGE
121.01	124.05	3.04	2.25	74.01	0.10	3.29	0	50	0						GOUGE, RUBBLE, GRAPH
124.05	127.10	3.05	2.18	71.48	0.69	22.62	2	50	5						RUBBLE, SIF, GIF, GRAPH
127.10	130.15	3.05	2.85	93.44	0.47	15.41	2	50	6						RUBBLE, GIF, SIF, GRAPH
130.15	133.20	3.05	3.00	98.36	0.52	17.05	2	50	7						GRAPH, SIF
133.20	136.25	3.05	2.30	75.41	0.12	3.93	2	50	5						GRAPH, RUBBLE

GEOTECHNICAL DRILLHOLE REPORT SHEET

Project: **CCR** Logged by: **Lesly Balderas** Hole Number: **18-CCR-042** Azimuth: **0**

Location: **Spanish Mountain** Logged date: **24/07/2018** Core Size: **HQ** Inclination: **-90**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
136.25	139.29	3.04	3.00	98.68	1.06	34.87	3	50	10						GRAPH, SIF
139.29	142.34	3.05	2.95	96.72	0.11	3.61	3	50	13						RUBBLE, GRAPH
142.34	145.39	3.05	2.65	86.89	1.08	35.41	2	50	7						RUBBLE, GRAPH, GIF
145.39	148.44	3.05	3.10	101.64	0.58	19.02	3	50	6						RUBBLE, GRAPH, GOUGE, SIF
148.44	151.49	3.05	3.00	98.36	0.20	6.56	3	50	6						RUBBLE, GRAPH, GIF, SIF
151.49	154.53	3.04	2.98	98.03	0.39	12.83	2	50	12						RUBBLE, GRAPH, SIF
154.53	157.58	3.05	3.10	101.64	0.13	4.26	2.5	50	6						RUBBLE, GIF, GRAPH
157.58	160.63	3.05	2.90	95.08	0.00	0.00	2	50	3						RUBBLE, GRAPH, GOUGE, SIF
160.63	163.68	3.05	3.10	101.64	0.39	12.79	2.5	50	10						RUBBLE, GRAPH, SIF
163.68	166.73	3.05	3.15	103.28	0.44	14.43	3	50	14						RUBBLE, GRAPH, SIF
166.73	169.77	3.04	3.05	100.33	0.13	4.28	2	50	8						RUBBLE, GRAPH, GIF, SIF
169.77	172.82	3.05	2.95	96.72	0.46	15.08	2	50	6						GRAPH, RUBBLE, SIG, GIF
172.82	175.87	3.05	3.30	108.20	0.89	29.18	2.5	50	6						GRAPH, RUBBLE, GOUGE
175.87	178.92	3.05	3.20	104.92	1.48	48.52	3.5	41	16						GRAPH, SIF
178.92	181.97	3.05	3.10	101.64	0.68	22.30	2.5	50	12						GRAPH, SIF
181.97	185.01	3.04	2.95	97.04	0.15	4.93	2	50	5						GRAPH, RUBBLE, SIF, GOUGE
185.01	188.06	3.05	3.30	108.20	0.61	20.00	3	50	12						RUBBLE, GRAPH, SIF
188.06	191.11	3.05	3.10	101.64	0.15	4.92	2	50	11						RUBBLE, SIF
191.11	194.16	3.05	3.05	100.00	0.15	4.92	2	50	8						RUBBLE, GRAPH, SIF
194.16	197.21	3.05	3.50	114.75	0.00	0.00	0	50	1						RUBBLE, GRAPH, GOUGE
197.21	200.25	3.04	3.20	105.26	0.00	0.00	0	50	1						RUBBLE, GRAPH, GIF

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**MAIN ZONE**	Logged by:	**Lesly Balderas**	Hole Number:	**18-DH-1217**	Azimuth:	**119**
Location:	**Spanish Mountain**	Logged date:	**11/07/2018**	Core Size:	**HQ**	Inclination:	**-60**

INTERVAL			RECOVERY		RQD			No.	Typ.	JOINT CONDITION					Geological Description - Rock Type,
FROM	TO	LENGTH	m	%	m	%	HARD	Joints	Joint	PERSIS	APER	ROUGH	INFILL	WTHR	Colour, Texture, Alteration, Structure
6.10	8.23	2.13	1.62	76.06	1.55	72.77	5	7	16			0			SIF
8.23	11.28	3.05	2.70	88.52	1.92	62.95	3	50	5						SIF,GIF,RUBBLY, SMOOTH, SILT
11.28	14.33	3.05	3.16	103.61	2.92	95.74	3	11	20						SIF
14.33	17.37	3.04	3.03	99.67	2.86	94.08	5	9	18						SIF
17.37	20.42	3.05	3.06	100.33	3.06	100.33	3	7	20						CLEAN FRAC, MINOR SIF
20.42	23.47	3.05	2.78	91.15	2.48	81.31	3.5	12	20						MINOR SIF
23.47	26.52	3.05	3.07	100.66	2.86	93.77	3	11	11						SIF, WEATHER, GRAPHITIC
26.52	29.57	3.05	3.03	99.34	2.80	91.80	3	13	7						SIF, SMOOTH, ROBBLE SXN
29.57	32.61	3.04	3.10	101.97	3.01	99.01	3	9	9						SIF, GRAPHITIC SMOOTH
32.61	35.66	3.05	3.03	99.34	2.80	91.80	3	13	12						SMOOTH, SIF
35.66	38.71	3.05	3.05	100.00	3.05	100.00	5	8	20						SLICK
38.71	41.76	3.05	3.01	98.69	2.90	95.08	5	5	20						RUBBLE, SLICK
41.76	44.81	3.05	3.04	99.67	2.63	86.23	5	14	20						FRESH
44.81	47.85	3.04	2.63	86.51	2.35	77.30	4	50	5						SLICK
47.85	50.90	3.05	2.92	95.74	1.68	55.08	4	50	3						SLICK, GIF
50.90	53.95	3.05	2.57	84.26	2.17	71.15	0	50	6						GOUGE, SIF
53.95	57.00	3.05	3.04	99.67	2.73	89.51	4	16	3						GIF, SLICK
57.00	60.05	3.05	2.94	96.39	2.60	85.25	4	50	5						GIF, SMOOTH
60.05	63.09	3.04	2.96	97.37	2.86	94.08	5	8	18						SMOOTH
63.09	66.14	3.05	3.02	99.02	2.74	89.84	4	11	20						SMOOTH, SIF
66.14	69.19	3.05	2.80	91.80	2.31	75.74	4	50	3						SMOOTH, GIF
69.19	72.24	3.05	2.95	96.72	1.88	61.64	4	17	5						GIF, SANDY
72.24	75.29	3.05	2.96	97.05	2.36	77.38	3	18	8						SMOOTH, SIG
75.29	78.33	3.04	3.09	101.64	3.02	99.34	4	8	12						SIF, GRAPHITE, SMOOTH
78.33	81.38	3.05	3.07	100.66	2.89	94.75	3	11	10						GRAPH, SIF, SMOOTH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**MAIN ZONE**	Logged by:	**Lesly Balderas**	Hole Number:	**18-DH-1217**	Azimuth:	**119**
Location:	**Spanish Mountain**	Logged date:	**11/07/2018**	Core Size:	**HQ**	Inclination:	**-60**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
81.38	84.43	3.05	2.79	91.48	1.56	51.15	4	50	7						SIF, SMOOTH, GRAPH
84.43	87.48	3.05	3.08	100.98	2.36	77.38	4	29	6						RUBBLE, SIF, SLICK
87.48	90.53	3.05	3.04	99.67	2.70	88.52	4	15	20						SIF
90.53	93.57	3.04	3.08	101.32	2.77	91.12	5	6	20						SIF
93.57	96.62	3.05	2.51	82.30	1.68	55.08	4	50	0						SMOOTH, GOUGE, SIF, RUBBLE
96.62	99.67	3.05	3.26	106.89	1.81	59.34	3	50	6						SLIC, GRAPH, SIF, RUBBLE
99.67	102.72	3.05	2.96	97.05	2.05	67.21	3	20	12						SIF, SMOOTH, GRAPH
102.72	105.77	3.05	3.21	105.25	2.30	75.41	3	22	6						SLICK, SMOOTH, SIF, GRAPH
105.77	108.81	3.04	2.80	92.11	2.25	74.01	4	26	10						SIF, SMOOTH, GRAPH
108.81	111.86	3.05	3.00	98.36	2.39	78.36	3	25	6						SIF, SMOOTH, SLICK, GRAPH
111.86	114.91	3.05	3.18	104.26	2.53	82.95	3	21	10						SIF, SMOOTH, GRAPH
114.91	117.96	3.05	3.07	100.66	1.99	65.25	3	50	8						SIF, GRAPH, RIBBLE SXT, SMOOTH
117.96	121.01	3.05	3.01	98.69	1.94	63.61	3	50	6						SIF, RUBBLE, SLICK
121.01	124.05	3.04	3.02	99.34	2.83	93.09	4	11	18						SIF, MINOR WEATHERING
124.05	127.10	3.05	3.04	99.67	2.46	80.66	3	27	12						SIF, SMOOTH
127.10	130.15	3.05	2.92	95.74	1.87	61.31	3	30	6						SLICK, SMOOTH, GIF
130.15	133.20	3.05	3.09	101.31	2.35	77.05	3	11	20						SIF
133.20	136.25	3.05	3.16	103.61	3.00	98.36	4	9	22						MINOR SIF
136.25	139.29	3.04	3.07	100.99	2.82	92.76	3	9	16						SIF
139.29	142.34	3.05	3.03	99.34	2.72	89.18	3	7	11						SIF, GRAPH, SMOOTH
142.34	145.39	3.05	2.92	95.74	2.66	87.21	3	9	12						SIF, SMOOTH
145.39	148.44	3.05	3.15	103.28	2.29	75.08	3.5	28	10						SIF SMOOTH, GRAPH
148.44	151.49	3.05	3.03	99.34	2.56	83.93	3	14	18						SIF SMOOTH, GRAPH
151.49	154.53	3.04	2.93	96.38	2.09	68.75	3	11	14						SIF SMOOTH, MINOR GRAPH
154.53	157.58	3.05	3.08	100.98	2.15	70.49	3	30	0						GOUGE, SIF, SMOOTH, GRAPH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**MAIN ZONE**	Logged by:	**Lesly Balderas**	Hole Number:	**18-DH-1217**	Azimuth:	**119**
Location:	**Spanish Mountain**	Logged date:	**11/07/2018**	Core Size:	**HQ**	Inclination:	**-60**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
157.58	160.63	3.05	2.73	89.51	1.83	60.00	4	40	6						SMOOTH, SLICK, SIF
160.63	163.68	3.05	3.14	102.95	2.70	88.52	4	23	6						SLICK,SMOOTH ,SIF
163.68	166.73	3.05	3.12	102.30	2.40	78.69	3	22	3						SLICK,SMOOTH, SIF, GRAPG, GIF
166.73	168.86	2.13	1.66	77.93	0.76	35.68	3	35	1						GIF, GRAPH, SMOOTH, RUBBLE SXN
168.86	169.77	0.91	1.26	138.46	0.23	25.27	2	50	5						RUBBLE SXN, SMOOTH, GRAPH, SLICK
169.77	172.21	2.44	2.15	88.11	0.15	6.15	1	50	0						GIF, SLICK,GRAPH, SMOOTH, GOUGE, RUBBLE SXN
172.21	175.87	3.66	3.98	108.74	2.26	61.75	3	47	5						SIF, GIF, SMOOTH, SLICK
175.87	178.92	3.05	2.91	95.41	2.00	65.57	4	40	6						SIF, SMOOTH, SLICK
178.92	181.97	3.05	3.03	99.34	2.32	76.07	4	22	6						SMOOTH, SLICK, SIF
181.97	185.01	3.04	2.99	98.36	1.68	55.26	3.5	50	1						GRAPH, SMOOTH, GIF, SLICK
185.01	188.06	3.05	3.18	104.26	2.40	78.69	4	30	5						SIF, SMOOTH, SLICK, GIF
188.06	191.11	3.05	2.90	95.08	1.14	37.38	4	40	1						RUUBLE SXN, SLICK, GOUGE, GIF
191.11	194.16	3.05	2.86	93.77	1.57	51.48	3.5	45	3						SIF, SMOOTH, SLICK, GIF
194.16	197.21	3.05	2.90	95.08	2.10	68.85	3	20	20						SMOOTH, SIF
197.21	200.25	3.04	1.94	63.82	0.90	29.61	1	50	0						GOUGE, SMOOTH, BUBBLE SXN
200.25	203.30	3.05	3.35	109.84	0.70	22.95	0	50	0						GOUGE,RUBBLE
203.30	206.35	3.05	2.95	96.72	0.58	19.02	0	50	0						GOUGE, RUBBLE
206.35	209.40	3.05	2.83	92.79	1.17	38.36	1.5	50	1						GIF, SMOOTH, GRAPH, RUBBLE SXN,
209.40	212.45	3.05	3.23	105.90	1.29	42.30	3	45	9						GRAPH, SMOOTH.. EOH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**MAIN ZONE**	Logged by:	**Dion**	Hole Number:	**18-DH-1218**	Azimuth:	**119**
Location:	**Spanish Mountain**	Logged date:	**14/07/2018**	Core Size:	**HQ**	Inclination:	**-60**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
12.20	14.33	2.13	1.57	73.71	1.38	64.79	4	5	20						SIF
14.33	17.37	3.04	3.18	104.61	2.39	78.62	3.5	22	18						SMOOTH, GRAPH
17.37	20.42	3.05	2.74	89.84	0.50	16.39	3	50	0						GOUGE, RUBBLE SXN, SMOOTH, GRAPH
20.42	23.47	3.05	2.55	83.61	0.92	30.16	2.5	50	9						SMOOTH, SIF, GRAPH, RUBBLE SXN
23.47	26.52	3.05	2.71	88.85	0.87	28.52	3	50	1						RUBBLE SXN, GIF, SIF, SMOOTH
26.52	29.57	3.05	2.67	87.54	1.06	34.75	3	50	4						SMOOTH, GRAPH, RUBBLE SXN, SIF, SLICK
29.57	32.61	3.04	2.78	91.45	0.62	20.39	3	50	4						SIF, RUBBLE, GRAPH, SMOOTH
32.61	35.66	3.05	1.93	63.28	0.17	5.57	2	50	7						RUBBLE, SIF, GRAPH, SMOOTH
35.66	38.71	3.05	2.91	95.41	1.24	40.66	4	50	6						SLICK, RUBBLE, SIF, GRAPH, SMOOTH
38.71	41.76	3.05	2.86	93.77	1.60	52.46	3.5	32	16						SIF, GRAPH, SMOOTH
41.76	44.81	3.05	3.02	99.02	2.69	88.20	4	12	18						GRAPH, SMOOTH
44.81	47.85	3.04	3.02	99.34	0.85	27.96	3	50	15						SIF, GRAPH, SMOOTH
47.85	50.90	3.05	1.59	52.13	0.00	0.00	2	50	0						GOUGE, GRAPH
50.90	53.95	3.05	2.20	72.13	0.75	24.59	3	50	0						GOUGE, RUBBLE, SMOOTH
53.95	57.00	3.05	2.82	92.46	0.94	30.82	2	50	7						RUBBLE, GRAPH, SMOOTH
57.00	60.05	3.05	2.60	85.25	0.99	32.46	3	50	7						RUBBLE SXN, GRAPH, SMOOTH
60.05	63.09	3.04	2.50	82.24	0.81	26.64	3	50	15						SMOOTH, GRAPH
63.09	66.14	3.05	2.59	84.92	1.47	48.20	3	50	0						GOUGE, RUBBLE SXN, GRAPH SMOOTH
66.14	69.19	3.05	2.85	93.44	2.48	81.31	4	13	2						GIF, SMOOTH
69.19	72.24	3.05	3.20	104.92	3.20	104.92	4	2	23						SMOOTH,
72.24	75.29	3.05	3.07	100.66	1.88	61.64	4	30	20						GRAPH, SMOOTH
75.29	78.33	3.04	2.98	98.03	2.21	72.70	4	21	22						GRAPH FRAC
78.33	81.38	3.05	3.01	98.69	2.82	92.46	4	9	20						SMOOTH, GRAPHITIC

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

Project:	**MAIN ZONE**	Logged by:	**Dion**	Hole Number:	**18-DH-1218**	Azimuth:	**119**
Location:	**Spanish Mountain**	Logged date:	**14/07/2018**	Core Size:	**HQ**	Inclination:	**-60**

INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
81.38	84.43	3.05	3.04	99.67	2.09	68.52	4	10	22						SMOOTH, GIF
84.43	87.48	3.05	2.95	96.72	1.07	35.08	4	50	20						JNT TYPE FAULT (1), MAINLY 20. SIF, GIF
87.48	90.53	3.05	2.89	94.75	2.47	80.98	4	20	22						MINOR SEC 6 (JNT TYPE). SLICK, GRAPH SMOOTH.
90.53	93.57	3.04	2.95	97.04	1.33	43.75	3.5	50	0						GOUGE, GIF, SIF, SMOOTH
93.57	96.62	3.05	2.93	96.07	1.35	44.26	3.5	25	20						SMOOTH GRAPH FRAC
96.62	99.67	3.05	3.02	99.02	2.46	80.66	3.5	12	20						SMOOTH GRAPH
99.67	102.72	3.05	2.96	97.05	2.67	87.54	4	7	15						JOINT TYPE 1 (MINOR). GIF, SMOOTH GRAPH
102.72	105.77	3.05	3.10	101.54	2.74	89.75	3	10	2						GIF, SMOOTH GRAPH
105.77	108.81	3.04	3.02	99.44	2.98	98.12	3.5	4	22						SMOOTH, MINIMAL FRACS
108.81	111.86	3.05	3.04	99.67	2.54	83.28	4	11	20						SMOOTH GRAPH
111.86	114.91	3.05	2.95	96.72	2.47	80.98	4	14	18						MINOR GIF, SIF
114.91	117.96	3.05	3.09	101.31	2.85	93.44	4	11	23						MINOR FRACS
117.96	121.01	3.05	3.09	101.31	2.97	97.38	4	7	21						CARB, CHL INFILL
121.01	124.05	3.04	2.89	95.07	2.74	90.13	4	5	23						MINOR FRACS
124.05	127.10	3.05	3.00	98.36	2.26	74.10	4	50	20						SIF, RUBBLE, SLICK
127.10	130.15	3.05	2.83	92.79	2.34	76.72	3	25	11						SIF, MINOR RUBBLE SXN
130.15	133.19	3.04	2.70	88.82	1.64	53.95	3	50	8						LARGE RUBBLE SXN, MINOR GIF GRAPH
133.19	136.25	3.06	3.10	101.31	2.89	94.44	4	6	15						SMOOTH GRAPH
136.25	139.29	3.04	2.98	98.03	2.54	83.55	3	50	13						SMOOTH, RUBBLE, SIF
139.29	142.34	3.05	2.93	96.07	2.14	70.16	3	50	5						RUBBLE, GOUGE IF, SIF,
142.34	145.39	3.05	3.05	100.00	2.72	89.18	4	15	12						SMOOTH, MINOR GIF,
145.39	148.44	3.05	2.58	84.59	1.51	49.51	3	50	6						RUBBLE SXN IN QTZ, MINOR GOUGE, SIF
148.44	149.96	1.52	1.10	72.37	0.00	0.00	3	50	0						RUBBLE, GOUGE, GRAPH

GEOTECHNICAL DRILLHOLE REPORT SHEET

Project: **MAIN ZONE** Logged by: **Lesly Balderas** Hole Number: **18-DH-1219** Azimuth: **119**

Location: **Spanish Mountain** Logged date: **16/07/2018** Core Size: **HQ** Inclination: **-60**

INTERVAL			RECOVERY		RQD			No.	Typ.	JOINT CONDITION					Geological Description - Rock Type,
FROM	TO	LENGTH	m	%	m	%	HARD	Joints	Joint	PERSIS	APER	ROUGH	INFILL	WTHR	Colour, Texture, Alteration, Structure
6.10	8.23	2.13	1.38	64.79	1.26	59.15	4	7	20						sandy, weather.
8.23	11.28	3.05	3.02	99.02	2.84	93.11	4	7	20						sandy, slightly weather
11.28	14.33	3.05	2.99	98.03	2.50	81.97	4	18	16						SIF
14.33	17.37	3.04	2.98	98.03	2.98	98.03	4	19	17						SIF
17.37	20.42	3.05	3.09	101.31	2.91	95.41	3	14	18						SIF
20.42	23.47	3.05	3.00	98.36	2.68	87.87	4	9	22						ROUGH
23.47	26.52	3.05	2.95	96.72	2.41	79.02	3	22	18						SIF
26.52	29.57	3.05	3.06	100.33	2.48	81.31	4	18	15						SANDY
29.57	32.61	3.04	3.03	99.67	2.80	92.11	3	18	8						GIF
32.61	35.66	3.05	2.78	91.15	2.13	69.84	3	50	8						GIF
35.66	38.71	3.05	2.87	94.10	2.40	78.69	3	35	18						SIF
38.71	41.76	3.05	3.05	100.00	2.57	84.26	3	20	22						SIF
41.76	44.81	3.05	3.03	99.34	2.89	94.75	3	30	6						SLICK, GRAPH
44.81	47.55	2.74	2.67	97.45	2.40	87.59	3	24	5						SLICK, GRAPH
47.55	50.90	3.35	2.31	68.96	1.76	52.54	3	50	0						SLICK, GRAPH, GAUGE, CL
50.90	53.95	3.05	2.78	91.15	2.10	68.85	3	50	0						SLICK, GRAPH, GAUGE, CL
53.95	57.00	3.05	2.81	92.13	1.09	35.74	3	50	0						SLICK, GRAPH, GAUGE, CL
57.00	60.05	3.05	3.14	102.95	2.67	87.54	3	14	3						SLICK, GOUGE, SMOOTH
60.05	63.09	3.04	3.00	98.68	1.95	64.14	3	50	0						SLICK, GOUGE, BROKEN
63.09	66.14	3.05	2.85	93.44	2.10	68.85	3	50	0						SLICK, GOUGE, BROKEN
66.14	69.19	3.05	3.30	108.20	2.50	81.97	4	50	3						SANDY, GOUGE
69.19	72.24	3.05	3.06	100.33	2.77	90.82	4	36	21						SANDY, GOUGE, QTZ, RUBBLE
72.24	75.29	3.05	2.97	97.38	2.04	66.89	4	50	21						SANDY, RUBBLE
75.29	78.33	3.04	2.41	79.28	1.11	36.51	4	50	0						SANDY, RUBBLE, GAUGE, CL
78.33	81.38	3.05	3.35	109.84	2.90	95.08	4	50	21						RUBBLY

GEOTECHNICAL DRILLHOLE REPORT SHEET

Spanish Mountain Gold Ltd.

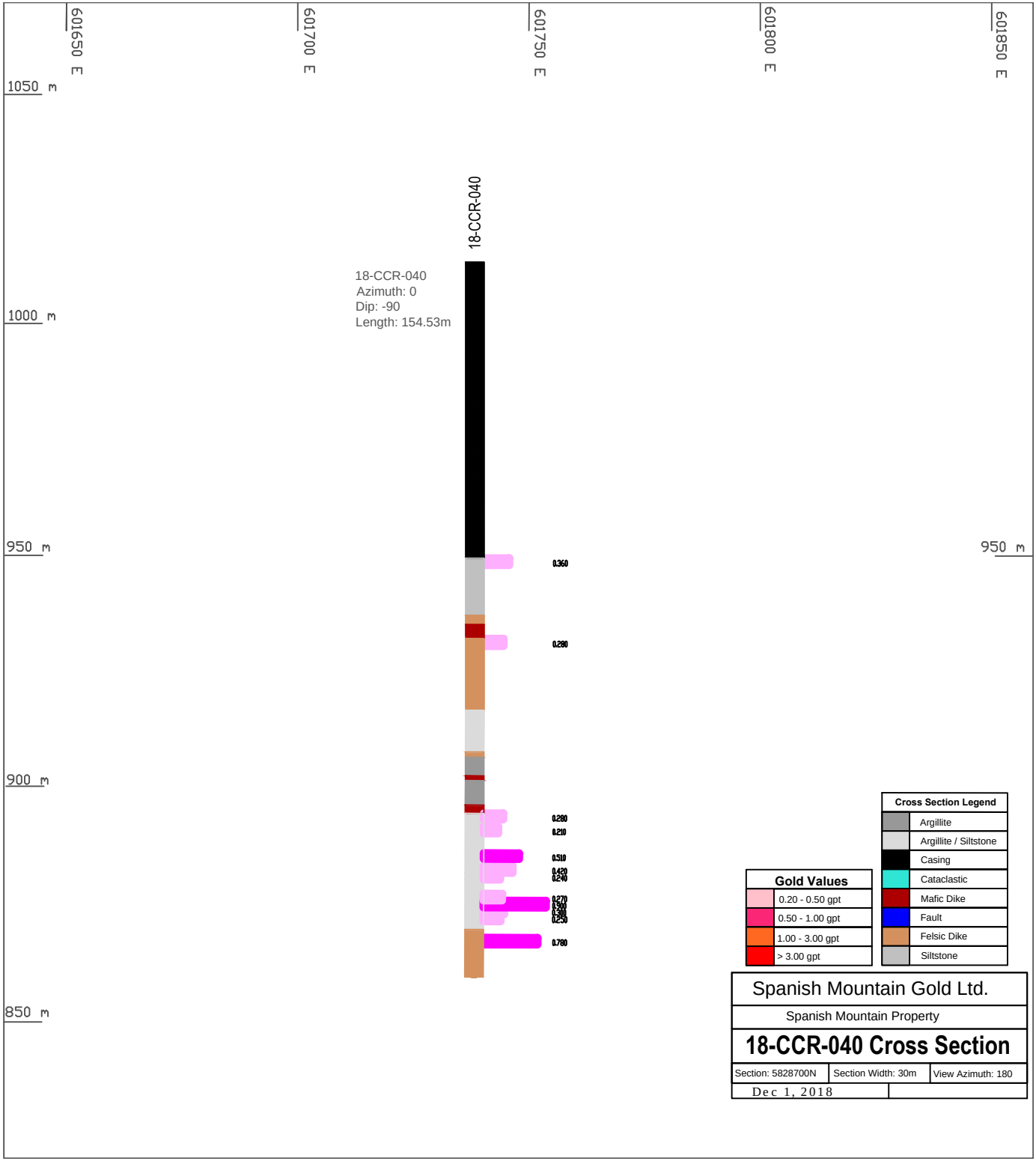
Project:	**MAIN ZONE**	Logged by:	**Lesly Balderas**	Hole Number:	**18-DH-1219**	Azimuth:	**119**
Location:	**Spanish Mountain**	Logged date:	**16/07/2018**	Core Size:	**HQ**	Inclination:	**-60**

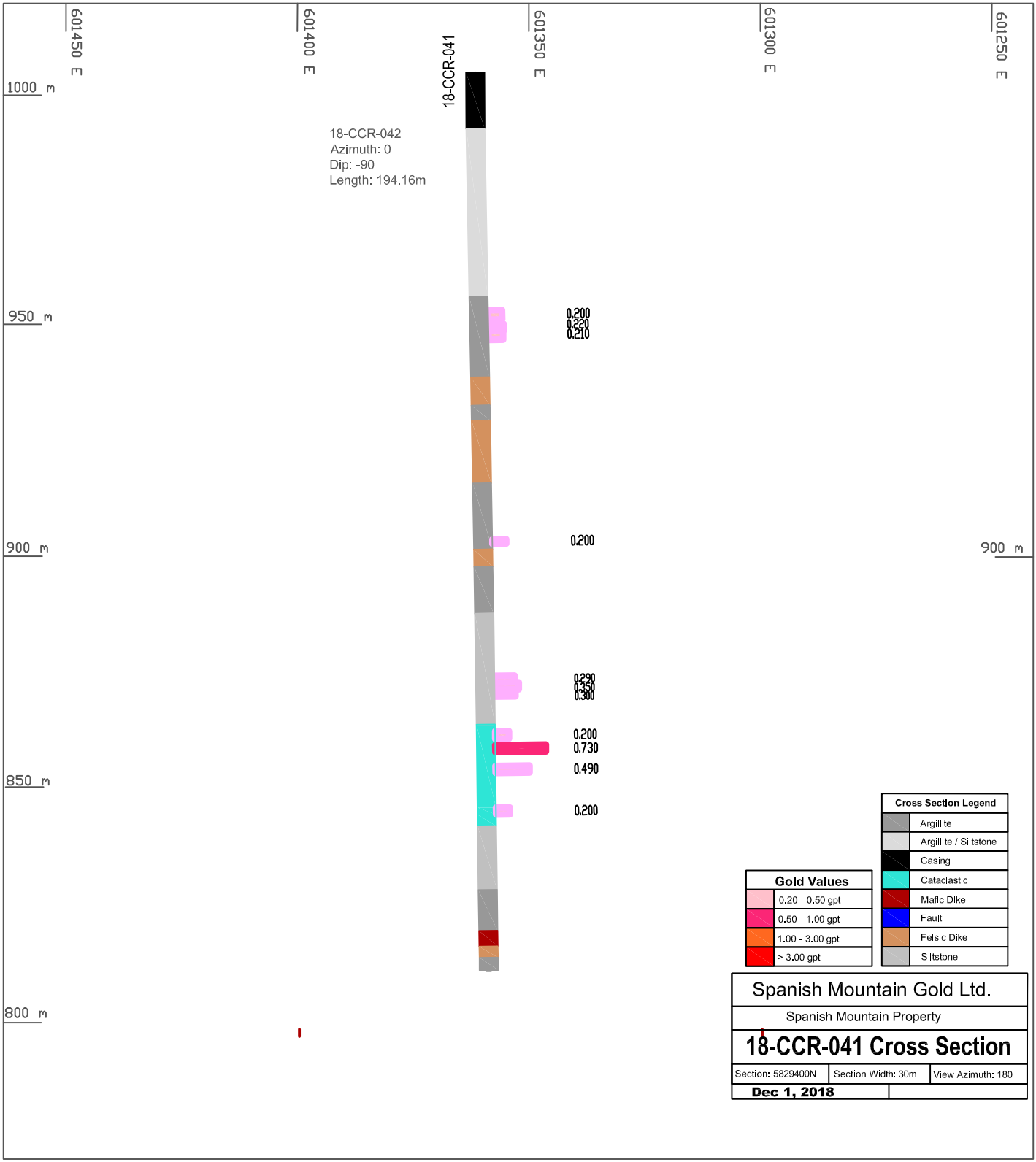
INTERVAL			RECOVERY		RQD			No. Joints	Typ. Joint	JOINT CONDITION					Geological Description - Rock Type, Colour, Texture, Alteration, Structure
FROM	TO	LENGTH	m	%	m	%	HARD			PERSIS	APER	ROUGH	INFILL	WTHR	
81.38	84.43	3.05	2.61	85.57	1.88	61.64	4	50	12						RUBBLE,CL, SLICK, GOUGE
84.43	87.48	3.05	2.52	82.62	2.87	94.10	4	40	12						RUBBLE
87.48	90.53	3.05	2.98	97.70	2.46	80.66	5	33	22						HARD, RUBBLY, BRITTLE
90.53	93.57	3.04	2.72	89.47	1.58	51.97	4	50	0						GOUGE, RUBBLE
93.57	96.62	3.05	3.02	99.02	2.88	94.43	4	21	25						HARD, SANDY
96.62	99.67	3.05	2.98	97.70	2.84	93.11	4	15	25						HARD CONTACTS, BRITTLE
99.67	102.72	3.05	3.02	99.02	2.87	94.10	4	17	25						BRITTLE, SANDY
102.72	105.77	3.05	2.95	96.72	2.43	79.67	5	32	25						BRITTLE
105.77	108.81	3.04	2.92	96.05	2.32	76.32	4	50	18						BRITTLE, RUBBLE ZONES
108.81	111.86	3.05	3.10	101.64	2.83	92.79	5	21	25						BRITTLE, RUBBLE ZONES
111.86	114.91	3.05	3.04	99.67	2.66	87.21	3	27	22						SANDY, SHARP
114.91	117.96	3.05	3.04	104.83	2.31	75.74	4	44	20						SNADY, RUBBLY
117.96	121.01	3.05	2.96	97.05	2.27	74.43	4	50	0						SMOOTH, GAUGE, SANDY
121.01	124.05	3.04	2.98	98.03	2.63	86.51	4	20	20						SANDY, SMOOTH, BRITTLE
124.05	127.10	3.05	3.09	101.31	2.07	67.87	4	50	5						GOUGE
127.10	130.05	2.95	3.03	102.71	2.71	91.86	4	40	22						RUBBLE, BRITTLE
130.05	133.20	3.15	3.04	96.51	1.70	53.97	4	50	0						GOUGE, RUBBLE, BRITTLE
133.20	136.25	3.05	3.00	98.36	2.13	69.84	3	50	0						GOUGE, RUBBLE, BRITTLE
136.25	139.29	3.04	3.10	101.97	2.27	74.67	3	50	0						GOUGE, RUBBLE, BRITTLE
139.29	142.34	3.05	2.47	80.98	1.14	37.38	3	50	0						GOUGE, RUBBLE, BRITTLE
142.34	145.39	3.05	2.96	97.05	2.23	73.11	4	23	22						SANDY, BRITTLE
145.39	148.44	3.05	3.04	99.67	2.50	81.97	4	25	15						SMOOTH, SANDY
148.44	149.96	1.52	1.70	111.84	1.52	100.00	4	16	20						SANDY. E.O.H

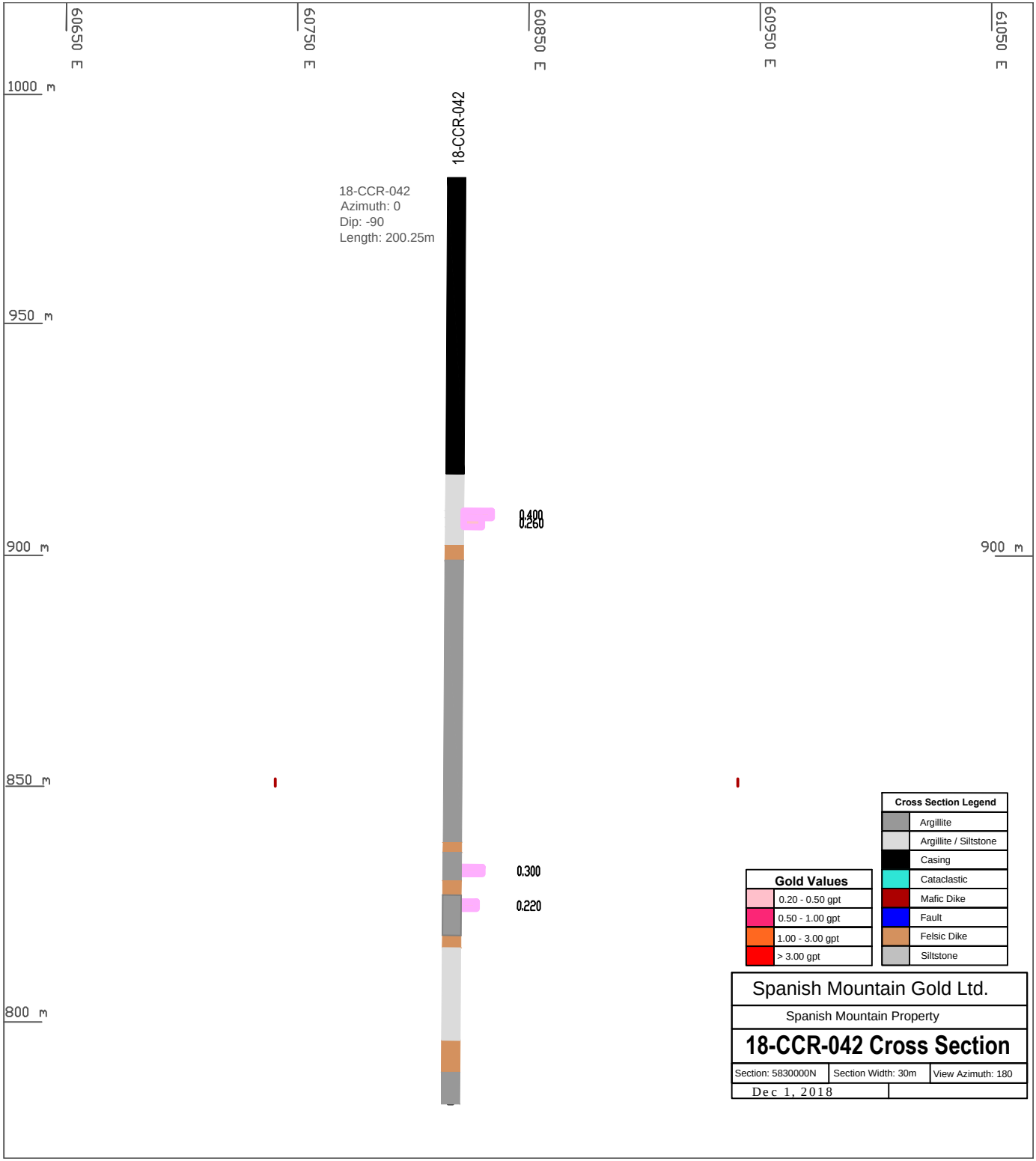
APPENDIX IV

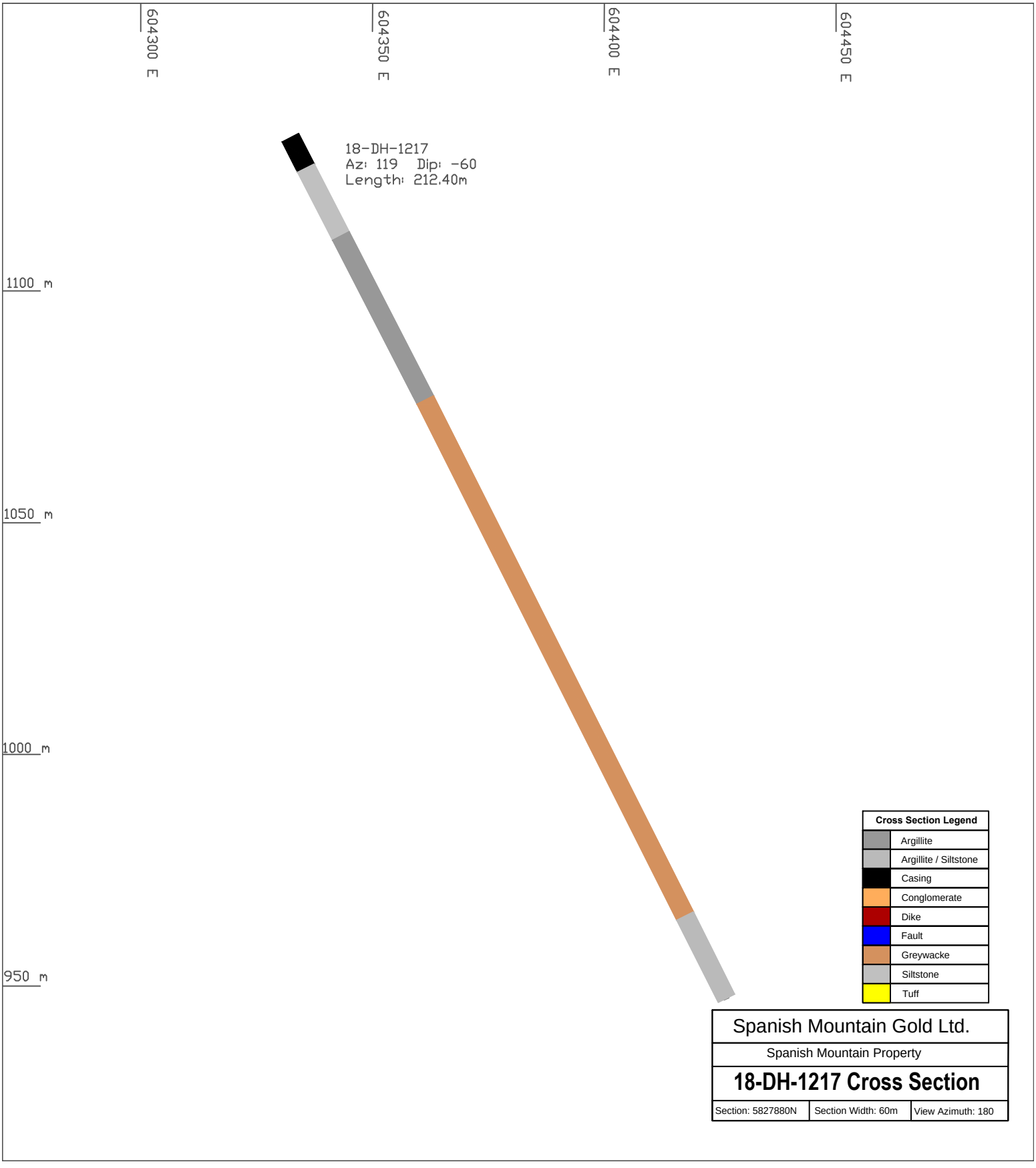
Vertical Sections

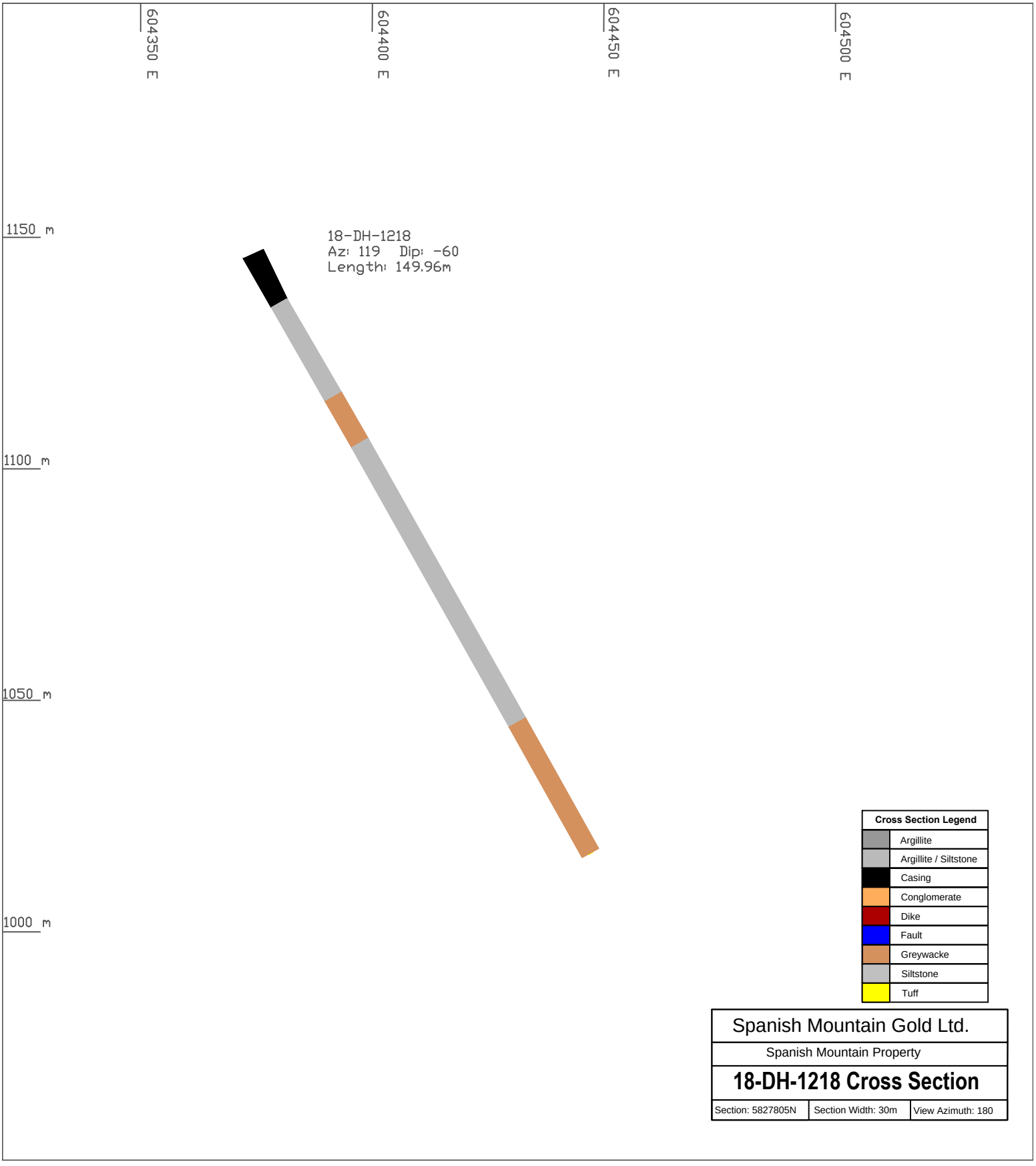
Phoenix Zone and Main Zone

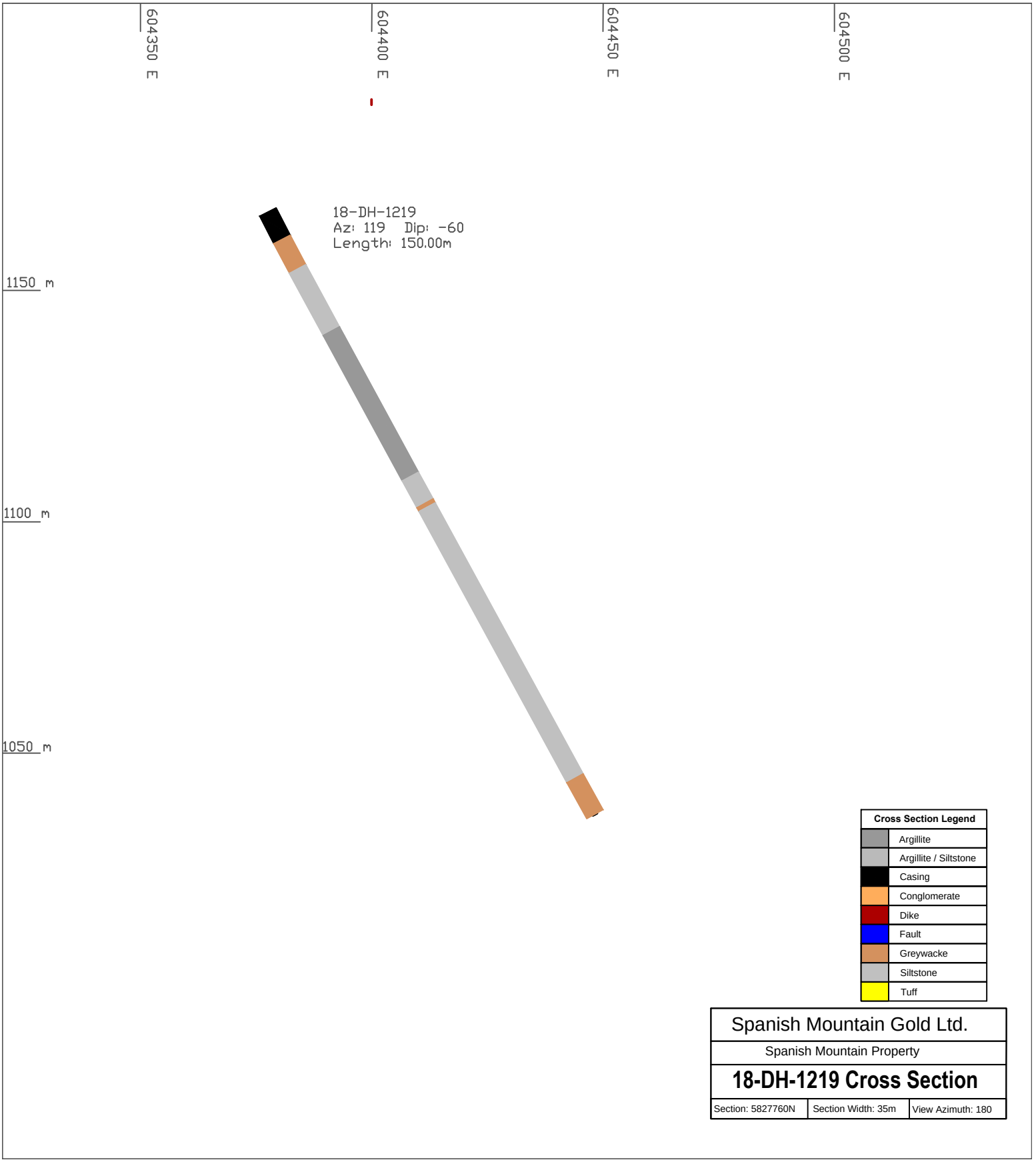

601650 E
601700 E
601750 E
601800 E
601850 E
1050 m
1000 m
950 m
900 m
850 m
950 m
18-CCR-040
18-CCR-040
Azimuth: 0
Dip: -90
Length: 154.53m
0.360
0.280
0.280
0.210
0.510
0.420
0.240
0.270
0.250
0.780
Cross Section Legend
Argillite
Argillite / Siltstone
Casing
Cataclastic
Mafic Dike
Fault
Felsic Dike
Siltstone
Gold Values
0.20 - 0.50 gpt
0.50 - 1.00 gpt
1.00 - 3.00 gpt
> 3.00 gpt
Spanish Mountain Gold Ltd.
Spanish Mountain Property
18-CCR-040 Cross Section
Section: 5828700N
Section Width: 30m
View Azimuth: 180
Dec 1, 2018


601450 E
601400 E
601350 E
601300 E
601250 E
1000 m
950 m
900 m
850 m
800 m
18-CCR-041
18-CCR-042
Azimuth: 0
Dip: -90
Length: 194.16m
0.200
0.220
0.210
0.200
0.290
0.350
0.300
0.200
0.730
0.490
0.200
Gold Values
0.20 - 0.50 gpt
0.50 - 1.00 gpt
1.00 - 3.00 gpt
> 3.00 gpt
Cross Section Legend
Argillite
Argillite / Siltstone
Casing
Cataclastic
Mafic Dike
Fault
Felsic Dike
Siltstone
Spanish Mountain Gold Ltd.
Spanish Mountain Property
18-CCR-041 Cross Section
Section: 5829400N
Section Width: 30m
View Azimuth: 180
Dec 1, 2018


609650 E
609750 E
609850 E
609950 E
610050 E
1000 m
950 m
900 m
850 m
800 m
18-CCR-042
18-CCR-042
Azimuth: 0
Dip: -90
Length: 200.25m
0.400
0.260
0.300
0.220
Cross Section Legend
Argillite
Argillite / Siltstone
Casing
Cataclastic
Mafic Dike
Fault
Felsic Dike
Siltstone
Gold Values
0.20 - 0.50 gpt
0.50 - 1.00 gpt
1.00 - 3.00 gpt
> 3.00 gpt
Spanish Mountain Gold Ltd.
Spanish Mountain Property
18-CCR-042 Cross Section
Section: 5830000N
Section Width: 30m
View Azimuth: 180
Dec 1, 2018


604300 E
604350 E
604400 E
604450 E
18-DH-1217
Az: 119 Dip: -60
Length: 212.40m
1100 m
1050 m
1000 m
950 m
Cross Section Legend
Argillite
Argillite / Siltstone
Casing
Conglomerate
Dike
Fault
Greywacke
Siltstone
Tuff
Spanish Mountain Gold Ltd.
Spanish Mountain Property
18-DH-1217 Cross Section
Section: 5827880N
Section Width: 60m
View Azimuth: 180


604350 E
604400 E
604450 E
604500 E
1150 m
1100 m
1050 m
1000 m
18-DH-1218
Az: 119 Dip: -60
Length: 149.96m
Cross Section Legend
Argillite
Argillite / Siltstone
Casing
Conglomerate
Dike
Fault
Greywacke
Siltstone
Tuff
Spanish Mountain Gold Ltd.
Spanish Mountain Property
18-DH-1218 Cross Section
Section: 5827805N
Section Width: 30m
View Azimuth: 180


604350 E
604400 E
604450 E
604500 E
18-DH-1219
Az: 119 Dip: -60
Length: 150.00m
1150 m
1100 m
1050 m
Cross Section Legend
Argillite
Argillite / Siltstone
Casing
Conglomerate
Dike
Fault
Greywacke
Siltstone
Tuff
Spanish Mountain Gold Ltd.
Spanish Mountain Property
18-DH-1219 Cross Section
Section: 5827760N
Section Width: 35m
View Azimuth: 180

NOTE

Archaeological Impact Assessment (AIA) reports and other archaeological studies completed by Professional Archaeologists that are received and reviewed by the Geological Survey Branch which are found to be acceptable for exploration and development work credit will remain on file and kept confidential.

For archaeological studies that are submitted as part of a larger technical assessment report, the section of the report pertaining to the archaeology report will remain on file, kept confidential and excluded from the version of the report that is uploaded to ARIS.

Requests for a copy of an AIA report from Geological Survey Branch or Mineral Titles will be directed to the Archaeological Branch at Ministry of Forests, Lands, Natural Resource Operations and Rural Development.