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

Assessment Report
Title Page and Summary

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

TOTAL COST: 68,700

AUTHOR(S): Jeffrey D. Rowe

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5637177/ Feb 9, 2017 5638313/ Feb 19, 2017

PROPERTY NAME: SIB

CLAIM NAME(S) (on which the work was done): Tenures 251447, 251448, 251450, 251452, 251453, 390918, 390919, 390921, 508080, 1034028

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

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Skeena and Liard

NTS/BCGS: 104B/ 7,8,9,10

LATITUDE: 56 ° 33 ' 26 " **LONGITUDE:** 130 ° 25 ' 13 " **(at centre of work)**

OWNER(S):

1) Eskay Mining Corp.

2)

MAILING ADDRESS:

82 Richmond Street East, Toronto, Ontario, M5C 1P1

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

1) Eskay Mining Corp.

2)

MAILING ADDRESS:

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

The SIB property is an Ag-Au-Cu-Pb-Zn prospect located in northwest British Columbia, near the Eskay Ck mine. The property is underlain by rocks similar to those that host the Eskay Creek deposit. Showings of Eskay style mineralization in rhyolite and mudstone are known in two areas of the property. Exploration in the southern part of the property in 2016 returned rock & soil geochemistry with anomalous Ag, Au, Zn, Pb, Cu, As, Sb, Hg and Ba

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: AR 22231, 22881A,23757, 23805, 24373A, 24965A, 25384, 25985, 27511, 28538, 30131

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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	65 multi-elem ICP +Au	390918, 390919, 390921	10,700
Silt	3 multi-elem ICP +Au		
Rock	126 multi-elem ICP +Au	251448, 251450, 251452, 251453	58,000
Other		390919, 390921, 508080, 1034028	
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	35 sq km - geol recon	251447, 251448, 251450, 251452, 25[illegible]	
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	68,700

2016
GEOCHEMICAL &
GEOLOGICAL PROGRAM
on the
SIB PROPERTY

Upper Unuk River Area
(N.T.S. 104B/7, 8, 9, 10)

Skeena & Liard Mining Divisions,
Northwestern British Columbia
Approximately centered at
Latitude 56° 33' 26'' N, Longitude 130° 25' 13'' W
UTM 412700 E, 6269000 N (NAD83 Z9)

Prepared for

Eskay Mining Corp.
82 Richmond Street East
Toronto, Ontario M5C 1P1

By

Jeffrey D. Rowe, B.Sc., P.Geo.

C.J. Greig & Associates Ltd.
729 Okanagan Ave E.,
Penticton, B.C. V2A 3K7

September 30, 2017

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1.0 Summary

The SIB property covers 541 square kilometres, adjacent to the south of the Eskay Creek Mine property and to the west of the KSM Cu-Au-Ag-Mo deposits. This report details exploration that was undertaken in the southeast part of this large property, approximately 25 km south of the Eskay Creek mine, in search of Eskay-style VMS, or KSM-style porphyry mineralization.

Eskay Creek was, during its operation, one of the world's highest valued gold-silver mines. The mine produced 2.1 million tonnes of ore yielding 101.65 tonnes of gold, at an average grade of 48.4 g/t Au, and 4942 tonnes of silver, at an average grade of 2221 g/t Ag. Host rocks are volcaniclastic rocks of the Early to Middle Jurassic Hazelton Group, of which there are similar rocks on the SIB property. On the KSM property four separate deposits, Kerr, Sulphurets, Mitchell and Iron Cap, are spread over an area measuring about two by ten kilometers. Together they hold resources of 2.9 billion tonnes with an average grade of 0.54 g/t Au, 0.21% Cu, 2.7 g/t Ag and 44 ppm Mo (Seabridge Gold website).

The SIB project 2016 exploration area is underlain, in the west part, by Hazelton Group volcanic and volcaniclastic rocks that are intruded to the southwest by an Eocene quartz monzonite stock. The eastern part of the project area is mapped as Stuhini Group volcaniclastic rocks; however, there may also be Hazelton Group rocks within the area, including rhyolite that could correlate to the Eskay rhyolite mineralized assemblage.

Geologic units in the northern part of the project area have been mapped as tightly folded, with bedding generally dipping steeply east-northeast and cut and offset by a series of thrust faults. The southern part of the study area has not seen this detail of mapping, but is expected to have a similar structural setting comprised of thrust-bound slices.

Potential for discovery of an Eskay-style volcanogenic massive sulphide (VMS) deposit is illustrated at the northern extent of the project area by the HSOV and Spearhead occurrences. At those showings, intermediate volcanic rocks contain lenses of intercalated rhyolite, which are strongly hydrothermally altered in places, mainly by silica and pyrite, and mineralized locally by semi-massive to massive pyrite and marcasite. In 2016, collection of 126 rock samples, as well as one line of reconnaissance soil samples, indicated the enrichment of "Eskay pathfinder" elements at a number of locations. The soil sampling

defined two areas, up to 770 m long, of anomalous Ag, Au, Sb, Hg, Mo, As, Pb, Zn, Cu and Fe. There are no known mineral showings, but the tenor of the soil anomalies suggest that mineralized sources should be located very nearby. The reconnaissance rock samples were collected predominantly from quartz-sulphide or massive sulphide veins cutting volcanic or volcaniclastic rocks. Some of the vein samples returned high precious metal values associated with pyrite, pyrrhotite, chalcopyrite and arsenopyrite, but of more significance were samples that had elevated barium with associated anomalous Ag, Cu, Pb, Zn, As and Sb; an element assemblage that could be indicative of Eskay-style mineralization. Geological reconnaissance in the east part of the project area revealed areas of rhyolite, some of which was described as gossanous silicified felsic volcanic rock containing 2-3% disseminated sulphide minerals and cut by quartz-pyrite or massive pyrrhotite veins containing anomalous Cu and Ag values. These types of veins may represent feeder veins to possible overlying stratiform mineralization.

Even though the metal values from rock sampling were relatively low and no obvious stratiform sulphides were observed, the areas of favourable geochemistry and rhyolitic host rocks defined by the 2016 program are excellent exploration targets and further work is highly recommended. Detailed geological mapping, prospecting and rock sampling, as well as reconnaissance stream sediment and soil sampling are recommended to further evaluate the southeast part of the SIB property.

2.0 Location, Access, and Physiography

The SIB property is located in the Skeena and Liard Mining Divisions in northwestern British Columbia, centered approximately 75 kilometres north-northwest of the village of Stewart and adjacent to the Eskay Creek minesite, which is connected to highway 37 by a 55 kilometre-long, gated, gravel access road (figs. 1 and 2). The junction of the access road with highway 37 is located 1.5 kilometres south of the Bob Quinn Lake gravel airstrip. Currently the majority of the property area is only accessible by helicopter or on foot. The center of the property is at approximately 56° 33’ 26” N latitude and 130° 25’ 13” W longitude on NTS map sheets 104B/7, 8, 9 and 10.

The central part of the SIB claim block covers the south-southwest trending Unuk River valley and the western claims overlie south-flowing Harrymel Creek (fig. 3). From these valley bottoms with elevations of 300 m to 450 m the topography rises between the two drainage valleys to about 1200 m. The moderately steep slopes are treed by stunted spruce and balsam forest, up to about 1000 m elevation, with sparse juniper, alder and grass cover at higher elevations, near the top of the central ridge. On the far west, east and southeast parts of the property the topography rises steeply to jagged peaks that are commonly over 2000 m, and up to 2300 m in elevation. Permanent glacial snow and ice cover large tracts in these higher elevation areas, obscuring much of the underlying bedrock. The exploration work that is the subject of this report was undertaken in the rugged southeast part of the property, in areas to the east and west of Ted Morris glacier, concentrated along ridges and snow-free hillsides. Where exposed, the upper slopes provide abundant outcrop exposure, but lower slopes are often covered by talus and brushy vegetation.

In the property area the predominantly southerly-flowing creeks, with their east- and west-draining tributaries, merge into the Unuk River, which flows southwest approximately 55 km to the Behm Canal and from there into the Pacific Ocean. Small lakes and ponds are common along the relatively flat top of the rocky ridge located between the Unuk River and Harrymel Creek in the north-central claims. In the southeast part of the property small, glacial-fed streams cascade down steep hillsides to join larger creeks in the flatter, glacier-scoured valleys.

Bedrock is moderately well exposed at higher elevations and on ridges in non-glaciated areas. Glacial gravel deposits and boulders are found in valleys and at lower elevations; soil horizons are generally very poorly developed.

The climate of the area is moderate, with average rainfall during warmer months of about 120 mm per month, and average snowfall of about 200 cm per month falling during the period October through April. Normal field work can be conducted from about late June through to early October.

Access to the property currently is via helicopter from a base in Stewart, 75 km to the south-southeast. Stewart is 330 road-km, about a 4 hour drive, via highways 16, 37 and 37A from Smithers, which receives regular scheduled flights from major centers. During the exploration season, however, helicopters may be based closer to the project, such as at Bob Quinn, or at the Forrest Kerr run-of-flow power project, located 13 km northwest of the property. On the claims, helicopter landing spots are relatively common and most areas can be traversed safely on foot.

The SIB property lies 2 km south of the Eskay Creek mine road and a potential access route from the mine road to the central part of the property could easily follow the central ridge southerly for 10 km or more. Studies are being undertaken by Seabridge Gold Inc. regarding construction of an access road that would extend southerly from the Eskay Creek mine road, following Coulter Creek in the central property area, to the Unuk River and then easterly to the KSM deposits, east of the SIB property. The Northwest Transmission powerline, which extends along highway 37 to a substation near Bob Quinn Lake, could provide a potential future supply of readily accessible power. As well, Seabridge Gold Inc. is considering extending a powerline from highway 37 along its proposed access road that would cross the central part of the SIB property.

Figure 1. SIB property location, northwestern BC

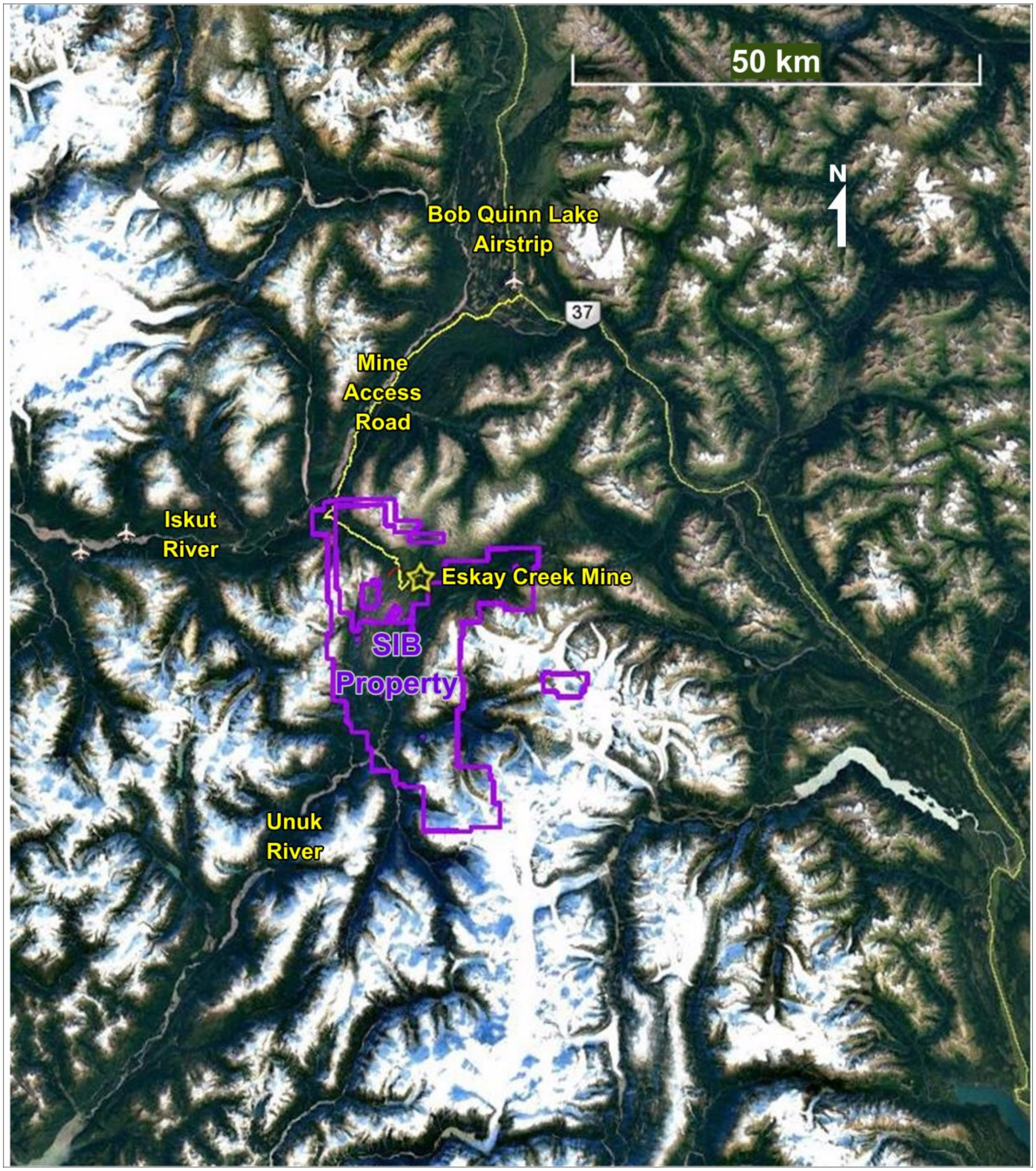

Figure 2. SIB property location, upper Unuk River area

3.0 Claims

The SIB property consists of 183 mineral claims covering approximately 540 square kilometres as shown on Figures 3 and 4 and listed in Table 1. The bulk of the property consists of contiguous claims, but two separate areas of claims lie in the northern part, and to the east, of the main block. Most of the claims are legacy 4-post and 2-post claims that were staked physically in the field prior to the initiation of MTO "cell" staking in early 2005. The claims were staked during the period from February, 1986 to July, 2016 and are owned 100% by Eskay Mining Corp. as of December 31, 2016. The assessment credits for the cost of the 2016 geological and geochemical program were applied to four MTO "cell" claims, some of which were staked to cover gaps between legacy claims. Exploration costs are itemized in Section 12, Statement of Expenditures.

Table 1. SIB Claims List as of December 31, 2016

Tenure_No	Claim_Name	Issue_Date	Good_To_Date	Area_Hec
251344	COUL 1	Feb/28/1986	Jan/31/2021	500
251345	COUL 2	Feb/28/1986	Jan/31/2021	500
251346	COUL 3	Feb/28/1986	Jan/31/2021	500
251347	COUL 4	Feb/28/1986	Jan/31/2021	500
251358	UNUK 1	Feb/28/1986	Jan/31/2021	500
251360	UNUK 11	Feb/28/1986	Jan/31/2021	500
251361	UNUK 12	Feb/28/1986	Jan/31/2021	500
251374	UNUK 13	Feb/28/1986	Jan/31/2021	400
251375	UNUK 14	Feb/28/1986	Jan/31/2021	400
251379	UNUK 22	Feb/28/1986	Jan/31/2021	500
251446	COREY 1	Jun/25/1986	Jan/31/2021	500
251447	COREY 2	Jun/25/1986	Jan/31/2021	500
251448	COREY 3	Jun/25/1986	Jan/31/2021	500
251449	COREY 4	Jun/25/1986	Jan/31/2021	500
251450	COREY 5	Jun/25/1986	Jan/31/2021	500
251451	COREY 6	Jun/25/1986	Jan/31/2021	500
251452	COREY 7	Jun/25/1986	Jan/31/2021	500
251453	COREY 8	Jun/25/1986	Jan/31/2021	500
251723	COREY 21	Feb/11/1987	Jan/31/2021	100
251726	COREY 24	Feb/11/1987	Jan/31/2021	400
251727	COREY 25	Feb/11/1987	Jan/31/2021	100
251728	COREY 26	Feb/11/1987	Jan/31/2021	100
251729	COREY 27	Feb/11/1987	Jan/31/2021	400
251730	COREY 28	Feb/11/1987	Jan/31/2021	400
251731	COREY 29	Feb/11/1987	Jan/31/2021	200
251732	COREY 30	Feb/11/1987	Jan/31/2021	200
251733	COREY 31	Feb/11/1987	Jan/31/2021	400
251734	COREY 32	Feb/11/1987	Jan/31/2021	500
251735	COREY 33	Feb/11/1987	Jan/31/2021	500
251736	COREY 34	Feb/11/1987	Jan/31/2021	500
251737	COREY 35	Feb/11/1987	Jan/31/2021	500
251738	COREY 36	Feb/11/1987	Jan/31/2021	350
251739	COREY 37	Feb/11/1987	Jan/31/2021	350

251844	LANCE 3	Apr/28/1987	Jan/31/2021	450
251845	LANCE 4	Apr/28/1987	Jan/31/2021	450
252107	JOJO M	May/13/1988	Jan/31/2021	450
252108	CARL J	May/13/1988	Jan/31/2021	500
252111	DWAYNE 1	May/13/1988	Jan/31/2021	400
252352	SKOOKUM	Jan/13/1989	Jan/31/2021	400
252872	SIB 27	Jun/29/1989	Jan/31/2021	25
252876	SIB 31	Jun/29/1989	Jan/31/2021	25
253015	POLO 7	Sep/04/1989	Jan/31/2021	500
253016	POLO 8	Sep/04/1989	Jan/31/2021	500
253146	AFTOM #7	Sep/16/1989	Jan/31/2021	400
253147	AFTOM #9	Sep/15/1989	Jan/31/2021	500
253152	AFTOM #14	Sep/13/1989	Jan/31/2021	500
253153	AFTOM #15	Sep/13/1989	Jan/31/2021	500
253154	AFTOM #16	Sep/18/1989	Jan/31/2021	400
253155	AFTOM #18	Sep/17/1989	Jan/31/2021	400
253156	AFTOM #19	Sep/16/1989	Jan/31/2021	500
253157	AFTOM #20	Sep/17/1989	Jan/31/2021	500
253176	P-MAC #1	Sep/14/1989	Jan/31/2021	25
253177	P-MAC #2	Sep/14/1989	Jan/31/2021	25
253180	P-MAC #5	Sep/14/1989	Jan/31/2021	25
253182	P-MAC #7	Sep/14/1989	Jan/31/2021	25
253184	P-MAC #9	Sep/14/1989	Jan/31/2021	25
253240	POLO 13	Sep/15/1989	Jan/31/2021	125
253295	FRED 15	Oct/11/1989	Jan/31/2021	375
255254	S.I.B. #1	May/31/1972	Jan/31/2021	25
255255	S.I.B. #2	May/31/1972	Jan/31/2021	25
255256	S.I.B. #3	May/31/1982	Jan/31/2021	25
255257	S.I.B. #4	May/31/1972	Jan/31/2021	25
301766	GINGER 1	Jun/26/1991	Jan/31/2021	500
301767	GINGER 2	Jun/26/1991	Jan/31/2021	500
304070	RAMBO 1	Sep/09/1991	Jan/31/2021	25
304072	RAMBO 3	Sep/09/1991	Jan/31/2021	25
304074	RAMBO 5	Sep/09/1991	Jan/31/2021	25
305317	FOG 1	Oct/05/1991	Jan/31/2021	25
305318	FOG 2	Oct/05/1991	Jan/31/2021	25
305319	FOG 3	Oct/05/1991	Jan/31/2021	25
305320	FOG 4	Oct/05/1991	Jan/31/2021	25
305321	FOG 5	Oct/05/1991	Jan/31/2021	25
305322	FOG 6	Oct/05/1991	Jan/31/2021	25
306723	NOOT 1	Nov/29/1991	Jan/31/2021	500
306724	NOOT 2	Nov/29/1991	Jan/31/2021	500
306725	NOOT 3	Nov/29/1991	Jan/31/2021	500
308909	DEL-1	Apr/16/1992	Jan/31/2021	200
311923	LINK FR	Jul/24/1992	Jan/31/2021	25
313285	CALVIN	Sep/17/1992	Jan/31/2021	500
367934	PUD 1	Feb/25/1999	Jan/31/2021	500
367935	PUD 2	Feb/25/1999	Jan/31/2021	100
367943	MEGAN 1	Feb/25/1999	Jan/31/2021	25
367944	MEGAN 2	Feb/25/1999	Jan/31/2021	25
373867	STO 2	Dec/15/1999	Jan/31/2021	125
384019	JOHN 1	Feb/12/2001	Jan/31/2021	400
384020	JOHN 2	Feb/12/2001	Jan/31/2021	400
387231	IRVING 1	Jun/04/2001	Jan/31/2021	500
387233	IRVING 3	Jun/04/2001	Jan/31/2021	500
387237	BELL 1	Jun/04/2001	Jan/31/2021	500
387238	BELL 2	Jun/04/2001	Jan/31/2021	500
387239	BELL 3	Jun/04/2001	Jan/31/2021	375
387240	BELL 4	Jun/04/2001	Jan/31/2021	500

387241	BELL 5	Jun/04/2001	Jan/31/2021	200
387245	BELL 6	Jun/04/2001	Jan/31/2021	250
387248	BELL 7	Jun/04/2001	Jan/31/2021	175
387249	BELL 8	Jun/04/2001	Jan/31/2021	125
389463	TOON 1	Sep/10/2001	Jan/31/2021	50
389464	TOON 2	Sep/10/2001	Jan/31/2021	300
390911	HARRY 1	Nov/16/2001	Jan/31/2021	500
390912	HARRY 2	Nov/16/2001	Jan/31/2021	375
390913	HARRY 3	Nov/16/2001	Jan/31/2021	500
390914	SC 1	Nov/16/2001	Jan/31/2021	500
390915	SC 2	Nov/16/2001	Jun/22/2024	500
390916	SC 3	Nov/16/2001	Jun/22/2024	500
390917	SC 4	Nov/16/2001	Jan/31/2021	500
390918	SC 5	Nov/16/2001	Jan/31/2021	500
390919	SC 6	Nov/16/2001	Jan/31/2021	500
390920	SC 7	Nov/16/2001	Jan/31/2021	500
390921	SC 8	Nov/16/2001	Jan/31/2021	500
392425	HARRY 4	Mar/22/2002	Jan/31/2021	500
392426	HARRY 5	Mar/22/2002	Jan/31/2021	100
392427	KING 1	Mar/22/2002	Jan/31/2021	75
392428	KING 2	Mar/22/2002	Jan/31/2021	400
392429	KING 3	Mar/22/2002	Jan/31/2021	450
392430	KING 4	Mar/22/2002	Jan/31/2021	450
392431	KING 5	Mar/22/2002	Jan/31/2021	450
392432	KING 6	Mar/22/2002	Jan/31/2021	300
392433	KING 7	Mar/22/2002	Jan/31/2021	450
392438	TC 13	Mar/21/2002	Jan/31/2021	500
392439	TC 14	Mar/21/2002	Jan/31/2021	500
392440	VALCANO 1	Mar/22/2002	Jan/31/2021	450
392441	VALCANO 2	Mar/22/2002	Jan/31/2021	450
392442	VALCANO 3	Mar/22/2002	Jan/31/2021	400
392443	VALCANO 4	Mar/22/2002	Jan/31/2021	400
392444	VALCANO 5	Mar/23/2002	Jan/31/2021	225
392445	VALCANO 6	Mar/23/2002	Jan/31/2021	450
392446	VALCANO 7	Mar/23/2002	Jun/22/2024	450
392447	VALCANO 8	Mar/22/2002	Jun/22/2024	400
392448	VALCANO 9	Mar/22/2002	Jun/22/2024	400
392449	CALVIN 2	Mar/23/2002	Jan/31/2021	350
392450	CALVIN 3	Mar/23/2002	Jan/31/2021	350
392451	CALVIN 4	Mar/23/2002	Jan/31/2021	250
392452	CALVIN 5	Mar/23/2002	Jan/31/2021	500
392453	GINGRASS 1	Mar/21/2002	Jan/31/2021	150
392454	GINGRASS 2	Mar/21/2002	Jan/31/2021	500
392455	GINGRASS 3	Mar/21/2002	Jan/31/2021	300
392456	GINGRASS 4	Mar/21/2002	Jan/31/2021	225
392457	GINGRASS 5	Mar/21/2002	Jan/31/2021	300
392458	IRVING 5	Mar/23/2002	Jan/31/2021	225
392459	IRVING 6	Mar/23/2002	Jan/31/2021	450
394157	LANCE 5	Jun/09/2002	Jan/31/2021	150
394158	MEGAN 3	Jun/09/2002	Jan/31/2021	100
394159	MEGAN 4	Jun/08/2002	Jan/31/2021	75
394160	SKI	Jun/09/2002	Jan/31/2021	125
394161	DWAYNE 2	Jun/08/2002	Jan/31/2021	175
394162	AFT	Jun/09/2002	Jan/31/2021	50
394163	SHIRLEY	Jun/09/2002	Jan/31/2021	75
394164	FREDDY 1	Jun/09/2002	Jan/31/2021	75
404668	SUL 1	Aug/07/2003	Jan/31/2021	500
404669	SUL 2	Aug/07/2003	Jan/31/2021	500
508074		Feb/28/2005	Jan/31/2021	429.79

508080		Feb/28/2005	Jan/31/2021	358.16
517031	WINA	Jul/12/2005	Jun/22/2024	321.15
517100	WINA2	Jul/12/2005	Jan/31/2021	124.92
517148	DAR	Jul/12/2005	Jan/31/2021	53.58
517241	SWAMP	Jul/12/2005	Jan/31/2021	17.87
527171		Feb/06/2006	Jan/31/2021	231.62
527172		Feb/06/2006	Jan/31/2021	17.81
527177		Feb/06/2006	Jan/31/2021	320.87
527180		Feb/06/2006	Jan/31/2021	35.62
527241		Feb/07/2006	Jan/31/2021	178.25
528661		Feb/20/2006	Jan/31/2021	142.47
528664	SIB FIXUP 1	Feb/20/2006	Jan/31/2021	35.62
528665	SIB FIXUP 2	Feb/20/2006	Jan/31/2021	17.81
528666	SIB FIXUP 3	Feb/20/2006	Jan/31/2021	17.82
529757	UNUK SE FRACTION	Mar/08/2006	Jan/31/2021	71.65
529758		Mar/08/2006	Jan/31/2021	178.44
541059		Sep/11/2006	Jan/31/2021	17.81
566735	ST ANDREW 1	Sep/26/2007	Jan/31/2021	160.60
566739	ST ANDREW 2	Sep/26/2007	Jan/31/2021	249.78
566751	ST ANDREW 3	Sep/26/2007	Jan/31/2021	17.85
566752	ST ANDREW 4	Sep/26/2007	Jan/31/2021	17.84
1034028	CRACK-FILLER	Feb/11/2015	Jan/31/2021	537.07
1037723	NEW ESKAY CREEK 1	Aug/04/2015	Dec/15/2026	569.49
1043810		Apr/30/2016	Jan/10/2018	53.45
1043811		Apr/30/2016	Jan/31/2021	53.45
1043812		Apr/30/2016	Jan/31/2021	35.63
1043813		Apr/30/2016	Jan/31/2021	35.63
1043814		Apr/30/2016	Jan/31/2021	35.62
1043815		Apr/30/2016	Jan/31/2021	17.82
1043816	P-MAC CLEAN-UP	Apr/30/2016	Jan/31/2021	89.07
1043825	MAC 1	Apr/30/2016	Jan/31/2021	35.63
1045213	ESKAY FB 90	Jul/08/2016	Jan/31/2021	142.54
			Total Hec.	**54147.71**

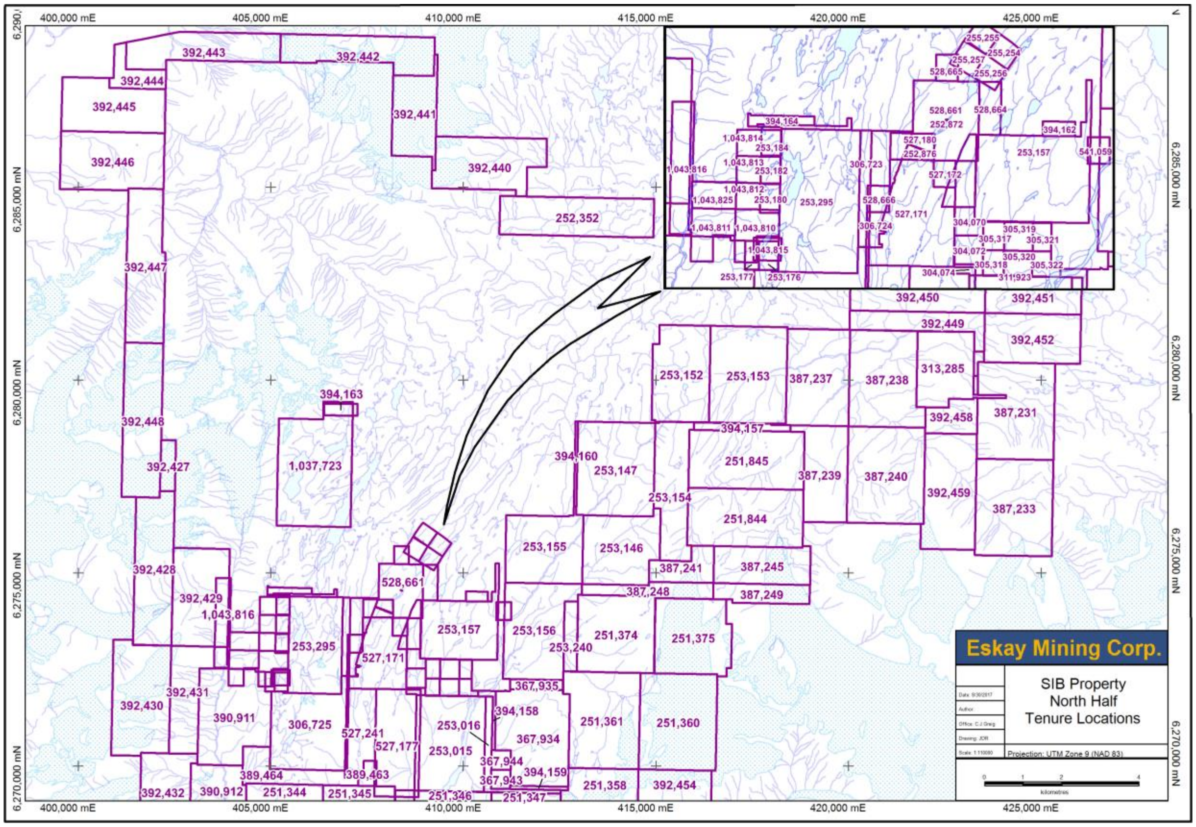

Figure 3. SIB claims, north half

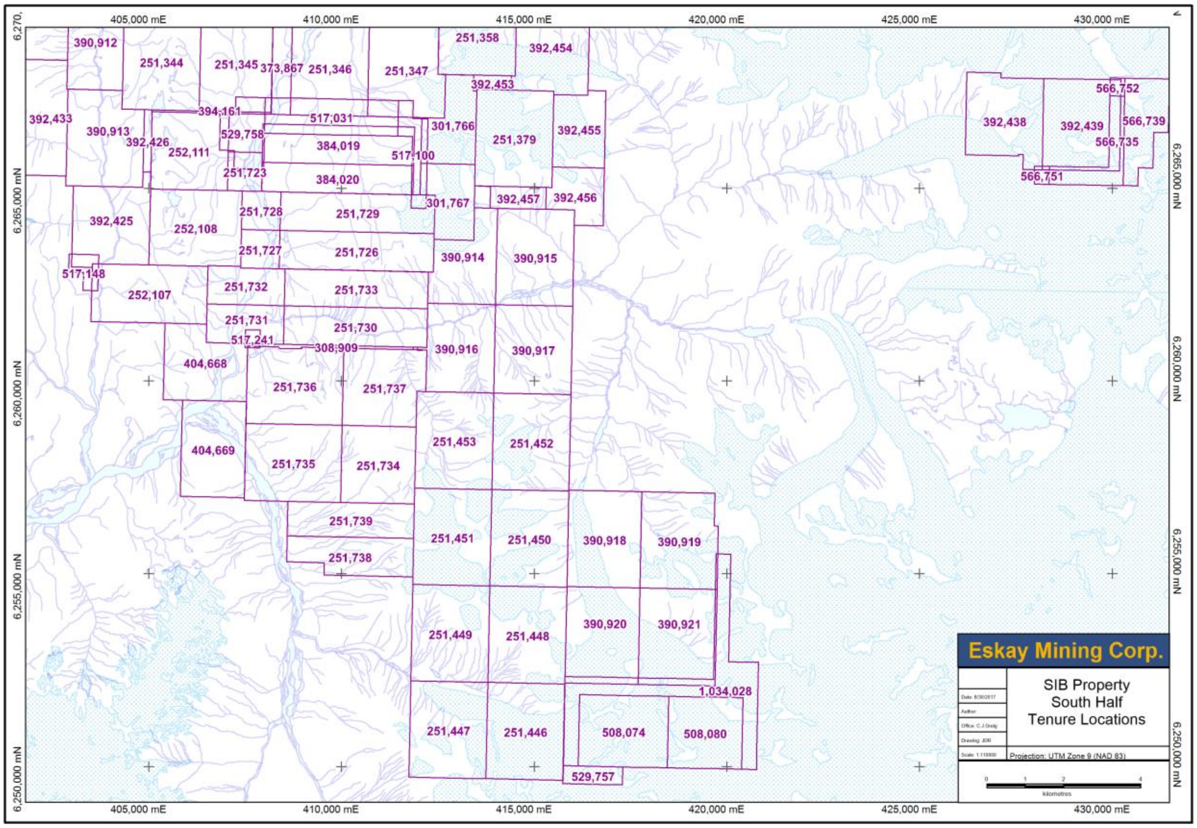

Figure 4. SIB claims, south half

4.0 Regional Tectonic and Geologic Setting

The SIB property is underlain mainly by Triassic and Jurassic stratified volcanic and volcaniclastic rocks, volcanic flows and local coeval intrusions that are found throughout much of Stikinia (Stikine Arch; fig. 5). Stikinia makes up a large part of the northern Intermontane Belt in this part of the northern Cordillera, and is bounded by rocks of the largely plutonic Coast Belt, which lie immediately adjacent to the west. Rocks making up Stikinia are almost exclusively of intra-oceanic island arc affinity, and were accreted to the North American continental margin in mid-Mesozoic time. In northwestern BC the Stikine terrane follows an arc-like trend that is known as the Stikine Arch, which hosts a number of economically significant Late Triassic to Early Jurassic porphyry copper (gold, molybdenum) deposits as well as an abundance of gold-rich mineral occurrences.

Regionally, Stikinia consists of mid-Paleozoic to Middle Jurassic oceanic volcano-sedimentary successions and coeval plutons that are commonly subdivided into Paleozoic, Triassic and Jurassic tectonic assemblages (Anderson, 1993). In the area surrounding the SIB property rocks of all three assemblages are abundantly present.

The property lies within a narrow, 300 km-long, northerly trending belt known as the Eskay Rift that was the site of deposition of Early to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group (Alldrick, 2006). Studies have shown that rifting may have begun in Early Jurassic time (191 Ma) (Alldrick, 2006) and that strata deposited within the Eskay rift generally have similar lithological characteristics; however, regionally they display a range of different facies that may reflect proximity to volcanic centers. As well, some rift-fill sequences appear to have been deposited in isolation from those of adjacent rift segments, suggesting that they occupied nearby but unconnected basins (Alldrick, 2006). Deposition environments appear to have ranged from subaerial, to shallow water depth, to deep-water ocean floor settings (>1000 m). Associated exhalative mineral deposits are known within different segments of the Eskay Rift, such as at the nearby past-producing Eskay Creek deposit and the Anyox and Bonanza copper-silver deposits south of Stewart (fig. 4). Numerous showings comprised of similar mineralization have been found near each of these deposits, as well as along the rift zone to the north. The SIB property hosts lithologies similar to those found at the nearby Eskay Creek mine and, as such, the target on the property is an Eskay-style exhalative sulphide deposit, although potential also exists for porphyry Cu-Au or high-grade precious metal vein deposits similar to the KSM and Valley of the Kings deposits located nearby to the east of the property.

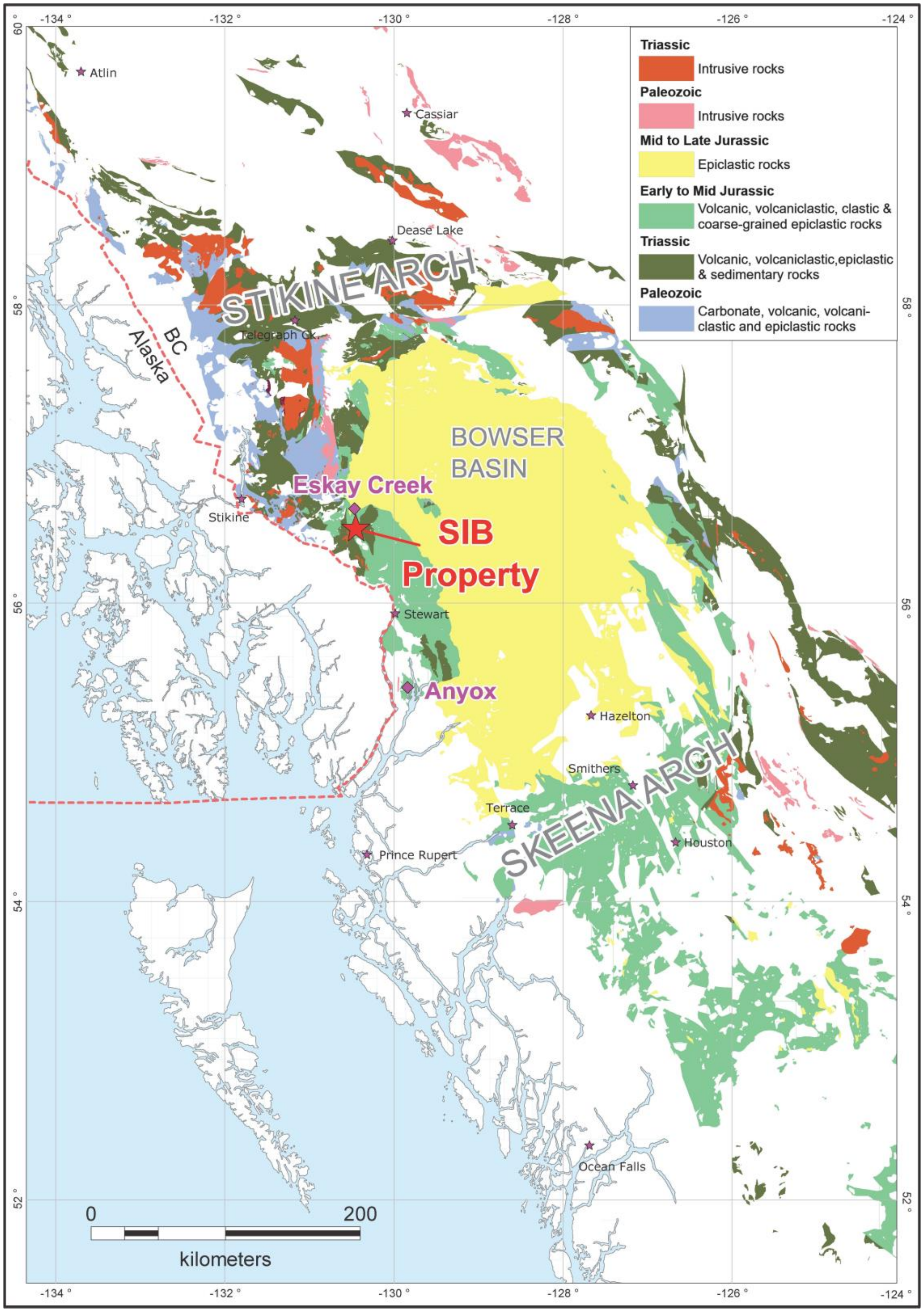

Figure 5. The SIB property location relative to Triassic and Jurassic rocks of the Stikine Arch

4.1 Stratified Rocks

Souther (1972) has described the geologic history of the project area as a successive series of volcanic arcs developed in marine settings ranging from sediment-poor to sediment-rich. The major stratigraphic components of the project area are the Paleozoic Stikine Assemblage, and the Triassic to Jurassic Stuhini, Hazelton and Bowser Lake Groups.

The oldest stratified rocks in the region near the property are Paleozoic in age and underlie a north-trending belt, ranging from 10 to 30 km wide that abuts the northwest part of the property (fig. 6). The Paleozoic rocks, shown in blue on the figure, consist of volcanic flows and tuffs, thin-bedded clastic sedimentary rocks and limestone of Carboniferous to Lower Permian age. The predominant rock types include argillite, siltstone and conglomerate with calcareous interbeds and limestone or marble units, as well as basaltic to andesitic flows with crystal and lithic lapilli tuffs. This unconformity-bounded belt is in contact to the east with a belt of Upper Triassic and Jurassic sedimentary and volcanic rocks.

The Triassic-Jurassic belt is comprised mainly of the Stuhini and Hazelton Groups, shown in shades of green on Figure 6. The Upper Triassic Stuhini Group (fig. 6, light green) consists of a lower volcanic package with lesser intercalated sedimentary rocks, overlain by a thick upper sedimentary package with lesser interlayered volcanic rocks. Alldrick et al. (2004b) have interpreted the Stuhini Group in the map area as a subaqueous accumulation of dacite, andesite and bimodal basalt-rhyolite volcanic rocks in a setting characterized by a progressively increasing accumulation of volcaniclastic sedimentary rocks with carbonate cement. The top of the Stuhini group is defined by a regional angular unconformity, overlain by Hazelton Group strata. Total thickness of Stuhini Group strata cannot be determined due to this truncation, but minimum thickness is 3,000 metres (Alldrick et al., 2004b).

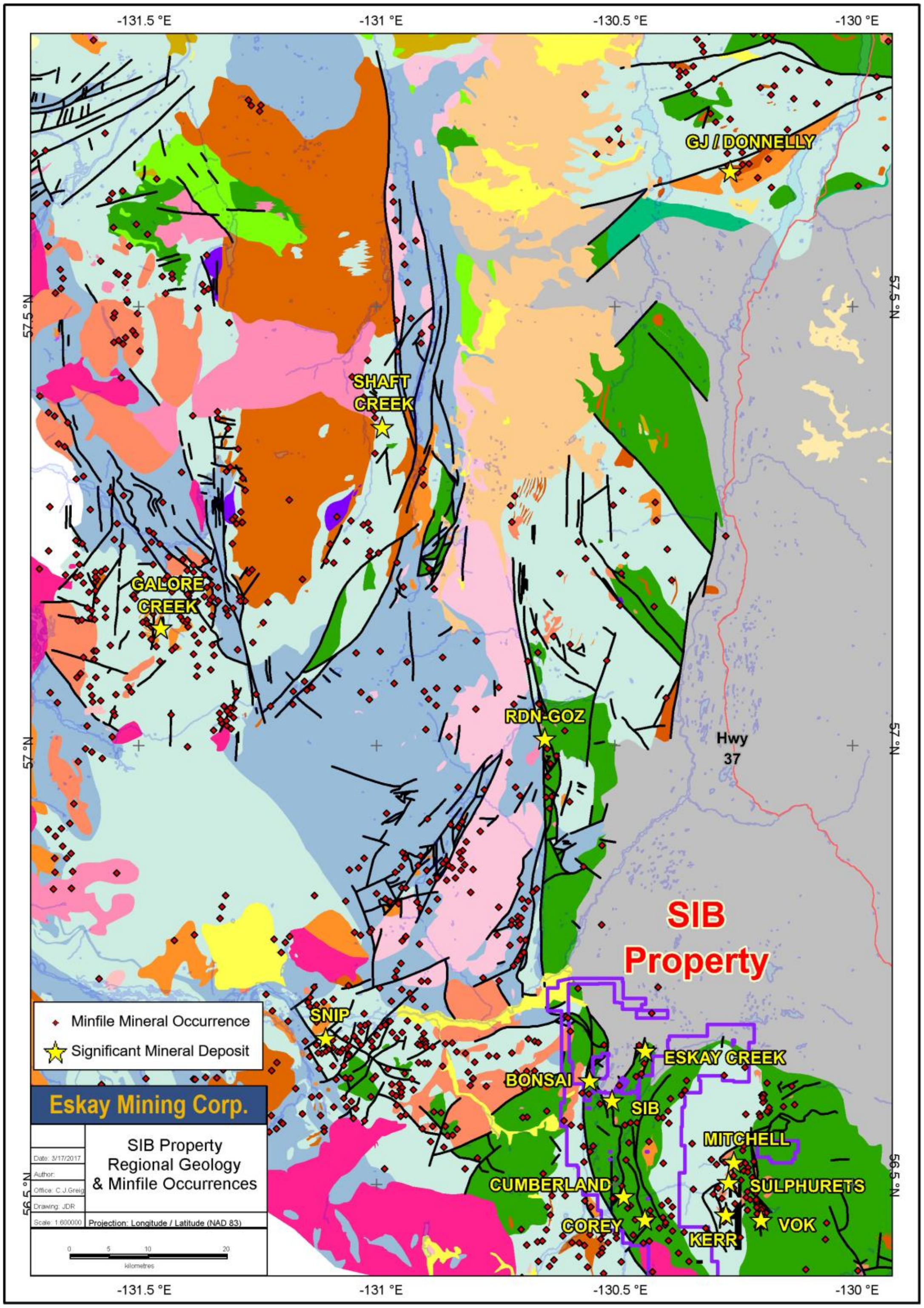

Figure 6. Geology and mineral showings in the region surrounding the SIB property (sources Massey et al., 2005 & BC Geological Survey Minfile Database) See Figure 7 for geology legend

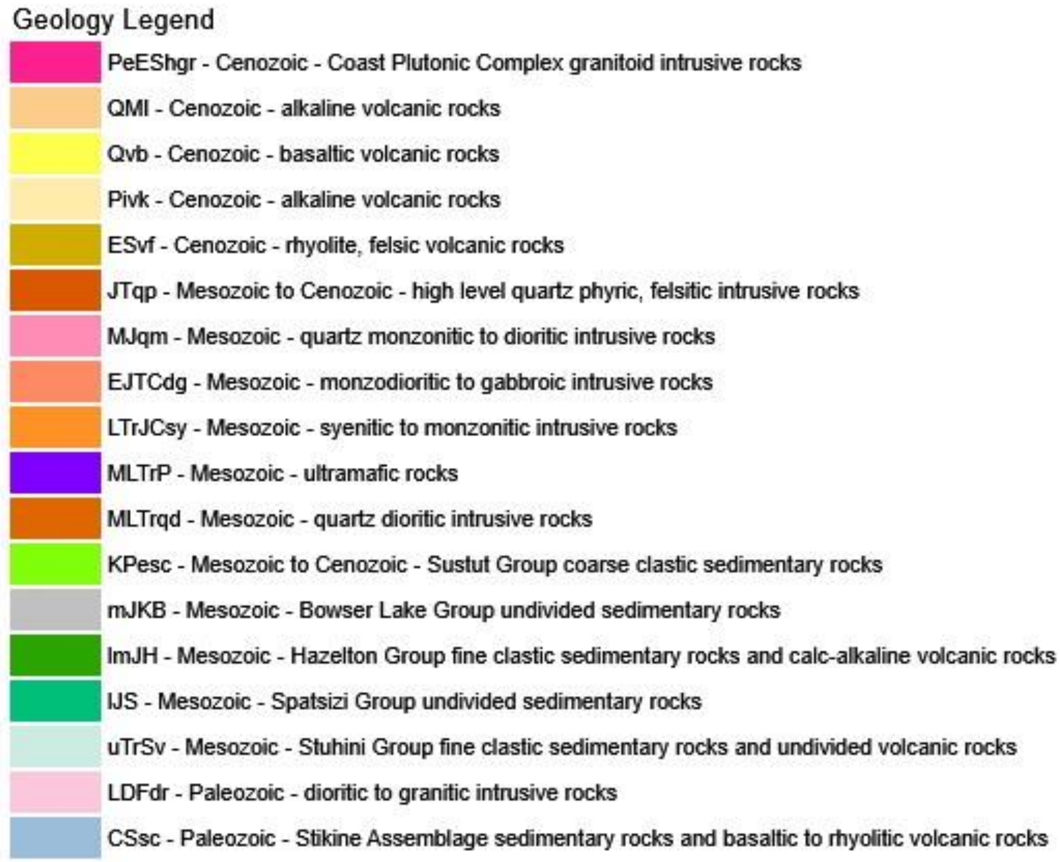

Figure 7. Geology legend to accompany Figure 6

Gagnon et al. (2012) have noted that following deposition of the Stuhini Group, extension-controlled volcanism existed in the narrow, elongate, north-trending Eskay rift basin during the relatively short period between upper Early Jurassic and lower Middle Jurassic. Fault-controlled subsidence led to development of at least 12 north-trending sub-basins within the 300 km long by 50 km wide volcanic belt (Alldrick et al. 2005; Barresi et al. 2008). Volcanic and sedimentary units of the Hazelton Group (fig. 6, dark green) show great lateral and vertical variability because of the limited connectivity between sub-basins and the local nature of the volcanic processes. For instance, some areas of pillow basalt up to 2 km thick suggest rapid extrusion and basin filling, whereas other sub-basins, such as at Eskay Creek, have a higher proportion of fine-grained sedimentary rock and lack thick basaltic flows. In some places Gagnon et al. (2012) attribute background accumulation of tuffaceous mudstone to the intense volcanic activity above local feeder zones. Rare thin tuffaceous mudstone intervals between basaltic flows attest to lulls in volcanic activity. Such quiescent depositional environments were more prone to accumulation and preservation of exhalative sulphides (Alldrick et al., 2004b). It has also been observed that felsic volcanism is commonly closely associated with mudstone intervals (Gagnon et al., 2012).

Within the Eskay rift, the lower part of the Hazelton Group, which consists of predominantly arc-related intermediate volcanic rocks, is separated by an unconformity from the upper Hazelton Group, comprised predominantly of bimodal rift-related volcanic rocks and fine-grained clastic rocks. The lower Hazelton Group includes a wide range of lithologies dominated by maroon and green andesitic to dacitic flows, associated volcanic breccias and tuffs, and sedimentary volcaniclastic rocks (Gagnon et al., 2012). These include the units defined in earlier geological mapping in the region; namely the Jack, Unuk River, Betty Creek and Mt. Dilworth formations. The lower Hazelton Group rocks lie unconformably on Triassic volcanic rocks of the Stuhini Group and, in some localities, Paleozoic rocks of the Stikine assemblage. Most volcanic rocks of the lower Hazelton Group are calc-alkaline to tholeiitic and most were deposited in subaerial, oxidizing environments, and likely developed into stratovolcanoes (Alldrick et al. 1989). Discontinuous siltstone beds attest to a marine emergent arc setting. The upper boundary of the lower Hazelton Group is typically defined by an erosional surface that separates it from the overlying upper Hazelton Group.

The upper Hazelton Group specific to the region surrounding the SIB property has been defined by Gagnon et al. (2012) to include their newly proposed Iskut River Formation (previously called Salmon River Formation) in the lower part, overlain locally by Quock Formation. At the Eskay Creek type section described by Gagnon et al. (2012), rhyolite of the Iskut River Formation disconformably overlies lower Hazelton Group rocks comprised of andesitic breccia, volcaniclastic, and dacitic volcanic rocks. This unit, which has been termed “footwall rhyolite”, varies in texture from massive to auto-brecciated, and was interpreted by Bartsch (1993) to represent a series of flow-dome complexes. Overlying and inter-fingering in part with the rhyolite is a fine-grained dark grey sedimentary unit known as the “contact mudstone”. The contact is irregular along strike and is marked by rhyolite breccia, in which black mudstone fills the interstices of quench-fragmented rhyolite. Clasts in the mudstone include altered rhyolite, barite, and fragmental sulphides and sulphosalts (Roth 2002). The Eskay Creek deposit comprised stratiform volcanogenic massive-sulphide bodies at the base of the mudstone interval that were mined between 1995 and 2008, producing 2.18 million tonnes of ore with an average grade of 46 g/tonne Au and 2267 g/tonne Ag (BC Geological Survey, Minfile No. 104B 008).

In excess of 150 metres of massive basalt sills and pillowed basalt flows and breccia, with thin (<1 m) intervals of bedded argillite, chert, and felsic tuff, overlie the contact mudstone. Conformably above this basalt sequence at Eskay Creek is a succession of tuffaceous mudstone, on the order of 50 metres thick, which Gagnon et al. (2012) have included in the Quock Formation. Conformably overlying the Quock Formation are thick turbidite and deltaic sedimentary sequences of the Middle to Late Jurassic Bowser Lake Group.

The Bowser Lake Group, (fig. 6, grey unit) is a thick, clastic marine sedimentary succession, including greywacke, chert pebble conglomerate, sandstone and mudstone. The lower Bowser Lake Group is a marine sequence of complexly inter-fingering deltaic, shelf, slope and submarine fan assemblages in excess of 3000 metres thick, sourced mostly from uplifted Cache Creek Group rocks in the northeast. These are overlain by several thousand metres of low energy fluvial deposits and alluvial fan and braided stream systems.

4.2 Plutonic Rocks

Small plutonic bodies with a wide variety of compositions and ages occur in several areas of the property and larger bodies are common to the west (fig. 6). The oldest intrusions in the area form a belt trending north from a point about 7 km northwest of the property (fig.6, light pink). They are Late Devonian in age and together form one of the larger intrusive bodies in the region, which varies in composition from granite to hornblende diorite to local hornblendite. Other large intrusions (fig.6, dark orange) comprised of Middle to Late Triassic hornblende quartz diorite to granodiorite are found farther to the west and northwest of the property within a belt of roughly coeval Stuhini Group rocks. Localized ultramafic bodies of Middle to Late Triassic age are also found in the same area. Sizeable stocks of Early Jurassic monzodiorite to gabbro (fig.6, medium orange) are located on the westernmost claims and abundant in the area up to 20 km west of the property, where they cut rocks of the Stuhini and Hazelton Groups. Additional smaller Jurassic age leucocratic porphyry plugs (Knipple Porphyry) are found scattered to the east of the property, in the areas of the KSM and Valley of the Kings deposits, where they cut Stuhini and Hazelton Group rocks. Similar small plugs (Eskay Porphyry) are located on the northern part of the

SIB property. These intrusions are part of the Texas Creek Plutonic Suite and have a number of associated mineral occurrences in the region, including the large porphyry copper-gold systems at Kerr-Sulphurets-Mitchell (KSM), 6 km east of the property and the Red Chris porphyry copper-gold deposit, 125 km to the north-northeast. A number of small, poorly age-constrained, Triassic to Jurassic quartz diorite to quartz monzonite to syenite stocks intrude Stuhini and Hazelton Group rocks to the north and south of the property. Some of these belong to the Copper Mountain Plutonic Suite and many may be coeval with their host volcanic rocks.

Located near the south and west edges of the map area shown in Figure 6, and on the southern end of the SIB property, Paleocene to Eocene granitoid stocks (fig. 6, dark pink) are probable outliers of the more massive Coast Belt plutons located farther to the west.

Several of the plutonic episodes have mineral occurrences associated with them, especially concentrated near the contact zones of the intrusive bodies, as shown by Minfile occurrences plotted on Figure 6. Additionally, a majority of the occurrences are spatially associated with faults that trend north, northeast and northwest. These faults commonly occur along the boundaries between lithostratigraphic units and also at intrusive contacts (fig. 6). A large, north-trending fault (Harrymel fault) has been mapped on the west side of the property, marking the contact between Stuhini and Hazelton Group rocks.

5.0 Metallogenic Setting and Mineral Deposits

5.1 Metallogenic Setting

The SIB property lies within a mineral-rich belt of Stikine terrane rocks that flank the Coast Mountains in northwest British Columbia. This very prospective belt, also known as the “Golden Triangle”, stretches from the Stewart area on the south, to the Dease Lake area on the north, and is centered on the region surrounding the SIB property. It hosts a number of rich precious and base metals deposits such as Eskay Creek, Snip, Granduc, Silbak-Premier, Brucejack (Valley Of The Kings), KSM, Galore Creek, Schaft Creek and Red Chris (fig. 8). This part of British Columbia has a long and successful history of mining and mineral exploration, in spite of the sometimes challenging terrain, inclement weather, and lack of access and infrastructure. Several large-scale base and precious metals mining projects in the area are in the advanced stages of exploration or mine planning. Of particular significance to the SIB project is the previously mined Eskay Creek volcanogenic massive sulphide deposit, just 1 km from the property boundary, which is hosted by a similar stratigraphic assemblage to that found in many areas at SIB (fig. 6). As well, there is good potential for gold-rich vein deposits such as those at the previously mined Snip and Johnny Mountain deposits (35 km west), Valley of the Kings deposit (7 km east) or the Silbak Premier deposit near Stewart; all found within similar geologic settings. A similar environment also exists for deposits of the KSM Cu-Au porphyry type, such as that of the Kerr deposit situated just 2.5 km east of the property.

Figure 8. Significant mineral deposits in the "Golden Triangle" of northwestern BC (map credit Doubleview Capital Corp.)

The deposits listed above are hosted by Stuhini or Hazelton Group rocks and are generally proximal to small, possibly coeval intrusions that may bear an association with mineralization. The dominant structural features in the region are north to northeast trending normal faults such as the Harrymel Fault Zone which runs along the west side of the property (fig. 6). Excellent high grade base and precious metal mineralization has been discovered in highly sheared and altered Triassic and Jurassic intermediate volcanics along the Forrest Kerr Fault Zone extending from 20 to 30 km north of the property, such as the Goz-RDN project, located 30 km north of SIB (fig. 6).

The Eskay Creek deposit (fig. 8) was, during its operation, one of the world's highest valued gold-silver mines. The ore was comprised of polymetallic sulphide and sulfosalt mineralization that was deposited in a transitional environment between a hot spring and a deeper water volcanogenic massive sulphide exhalative system, and includes both feeder veins and massive sulphide bodies. Host rocks are volcaniclastic rocks of the Lower to Middle Jurassic Hazelton Group, which are very similar to strata found a short distance to the south on the SIB property. Mining from 1995 to 2008 at Eskay Creek produced 2.1 million tonnes of ore yielding 101.65 tonnes of gold, at an average grade of 48.4 g/t Au, and 4942 tonnes of silver, at an average grade of 2221 g/t Ag (Minfile No. 104B 008).

At the Snip deposit (fig. 8) gold-rich mineralization is hosted in a southwest-dipping shear vein system, hosted within Upper Triassic Stuhini Group sedimentary rocks that are intruded by Early Jurassic age stocks and plutons. The Snip deposit occurs within the southeast trending Bronson structural corridor which also appears to be associated with other significant deposits within the Iskut River area. The mine produced approximately 1 million ounces of gold from 1991 until 1999 at an average gold grade of 25 g/t. Approximately 60% of production was obtained from the Twin Zone, a 0.5 to 15 metre wide sheared quartz-carbonate-sulphide vein system that cuts massive bedded greywacke and siltstone. Other sub parallel structures located in the footwall to the Twin Zone accounted for the rest of the production. Total sulphide content in the veins seldom exceeded two percent, and was characterized mainly by minor pyrrhotite, arsenopyrite, sphalerite, chalcopyrite and rare galena (Minfile No. 104B 004).

The Silbak Premier deposit (fig. 8) is hosted by Lower Jurassic andesitic to dacitic volcanic rocks of the Hazelton Group that are intruded by Early Jurassic Texas Creek Plutonic Suite dacitic porphyry dikes. Dikes of potassium feldspar porphyry, historically known as the "Premier Porphyry", are spatially associated with the ore. This association is believed to indicate a Lower Jurassic mineralization age. There are at least four styles of mineralization with textures ranging from stockwork and siliceous breccia to locally layered and massive sulphide-rich mineralization. Sulphide content varies, generally less than 5%, but can be as high as 75%. Ore minerals include pyrite, sphalerite, galena with minor tetrahedrite, chalcopyrite, arsenopyrite and local pyrrhotite. Bonanza ore contains native gold, electrum, pyrargyrite, polybasite, argentite and native silver. The mineralization shows characteristics of a hybrid ore genesis model combining epigenetic vein and porphyry copper deposit types. Intermittent production from 1918 to 1996 is reported to have totaled 5.9 million tonnes, averaging 10.6 g/t Au, 226.8 g/t Ag, as well as accessory Pb, Zn and Cu (Minfile No. 104B 054).

At the Brucejack project (fig. 8), Pretium Resources Inc. is currently in the construction and development stage, scheduled for commissioning of an underground mine in the Valley of the Kings zone later in 2017. The deposit is described as transitional epithermal gold-silver mineralization within stockwork veining and breccias emplaced within host Hazelton Group flows, breccias, tuffs and associated sedimentary rocks. Mineralized stockwork veining is associated with zones of intense quartz-sericite-pyrite alteration that have developed along permeability boundaries within these rocks. A December, 2016 news release (Pretium Resources website) announced proven mineral reserves in the Valley of the Kings zone of 1.6 million ounces gold (3.3 million tonnes averaging 14.5 g/t Au) which is sufficient for the first three years of mine life. Proven plus probable mineral reserves in the Valley of the Kings total 8.1 million ounces gold (15.6 million tonnes grading 16.1 g/t Au). As outlined in a 2014 feasibility study, the mine will have an expected operating rate of 2700 tonnes per day, averaging 404,000 ounces of gold annually over the 18 year life of the mine, producing an estimated 7.27 million ounces of gold. Average mill feed grade is expected to be 14.1 g/t Au and the ore processing will involve gravity concentration and sulphide flotation.

The KSM deposits (fig. 8) of Seabridge Gold Inc. have been the focus of a September, 2016 preliminary feasibility study (Seabridge Gold website), which estimated measured and indicated mineral resources at 2.9 billion tonnes grading 0.54 grams per tonne gold, 0.21% copper and 2.7 grams per tonne silver. An additional 2.7 billion tonnes are estimated in the inferred resource category grading 0.35 grams per tonne gold, 0.32% copper and 2.0 grams per tonne silver. Mineral bodies are associated with the “Mitchell Intrusions”, high level diorite to monzonite plugs and dikes that intrude volcanic and sedimentary rocks of the Stuhini and Hazelton Groups. The company envisages a combined open-pit/underground block caving mining operation that is scheduled to operate for 53 years. During the initial 33 years, open pit production would average 130,000 tonnes per day, thereafter reducing to

95,000 tonnes per day from underground operations. Flotation concentrate would be produced on site and trucked to Stewart, BC for shipment to smelters.

5.2 Local Mineral Occurrences

A number of mineral occurrences are known on the SIB property. They encompass several styles of mineralization, but are typically comprised of Eskay-type stratiform mineralization in interbedded to brecciated rhyolite and mudstone, or in veins, which may represent feeder zones to the stratiform deposits. The occurrences are recorded and summarized in the British Columbia Government's "Minfile" database, from which their locations are plotted on Figure 9 and descriptions of several of the more pertinent showings are summarized below.

As described in B.C. Minfile, the **SIB (Lulu)** occurrence (Minfile No. 104B 376) is located along stratigraphic trend, 7.5 km southwest from the Eskay Creek deposit. Eskay-type, gold-silver rich massive sulphide mineralization has been intersected in drill holes in a succession of Eskay Rift rhyolite and mudstone that is directly correlative with the Eskay Creek deposit. There are two distinct parallel zones of alteration concordant with stratigraphy at SIB (Lulu). The eastern zone includes a 9 kilometre-long, linear trend of gossans situated along the western margin of the Betty Creek Formation volcanic rocks, and extends north to the Eskay Creek deposits. This trend encompasses at least six other mineral occurrences besides SIB. Alteration along this zone comprises intensely potassium metasomatized, brecciated, quartz flooded, pyritized andesitic tuffs with intermittent zones of discontinuous quartz-potassium feldspar-sulphide veins, vein breccias and stockworks. In 1990, all but one of twenty drill holes testing the eastern zone intersected stockworks carrying gold concentrations in the range of 0.34 to 4.29 g/t Au over widths of up to 19 metres.

The western zone of alteration at SIB (Lulu) occurs within felsic volcanic rocks of the Mount Dilworth Formation. The alteration comprises extensive and locally intense, pervasive silicification and sodium metasomatism. Drill holes targeted at mudstone interbeds in the felsic assemblage intersected gold and silver mineralization over wide intervals. Underlying an extensive interval of silicified and albitized felsic volcanic strata, drill hole 90-30 intersected 21 metres of siliceous, carbonaceous mudstone (Lulu mudstone). A 14 metre interval of the mudstone is mineralized with disseminated pyrite, framboidal pyrite, laminar pyrite and disseminated and fracture-controlled stibnite and sphalerite.

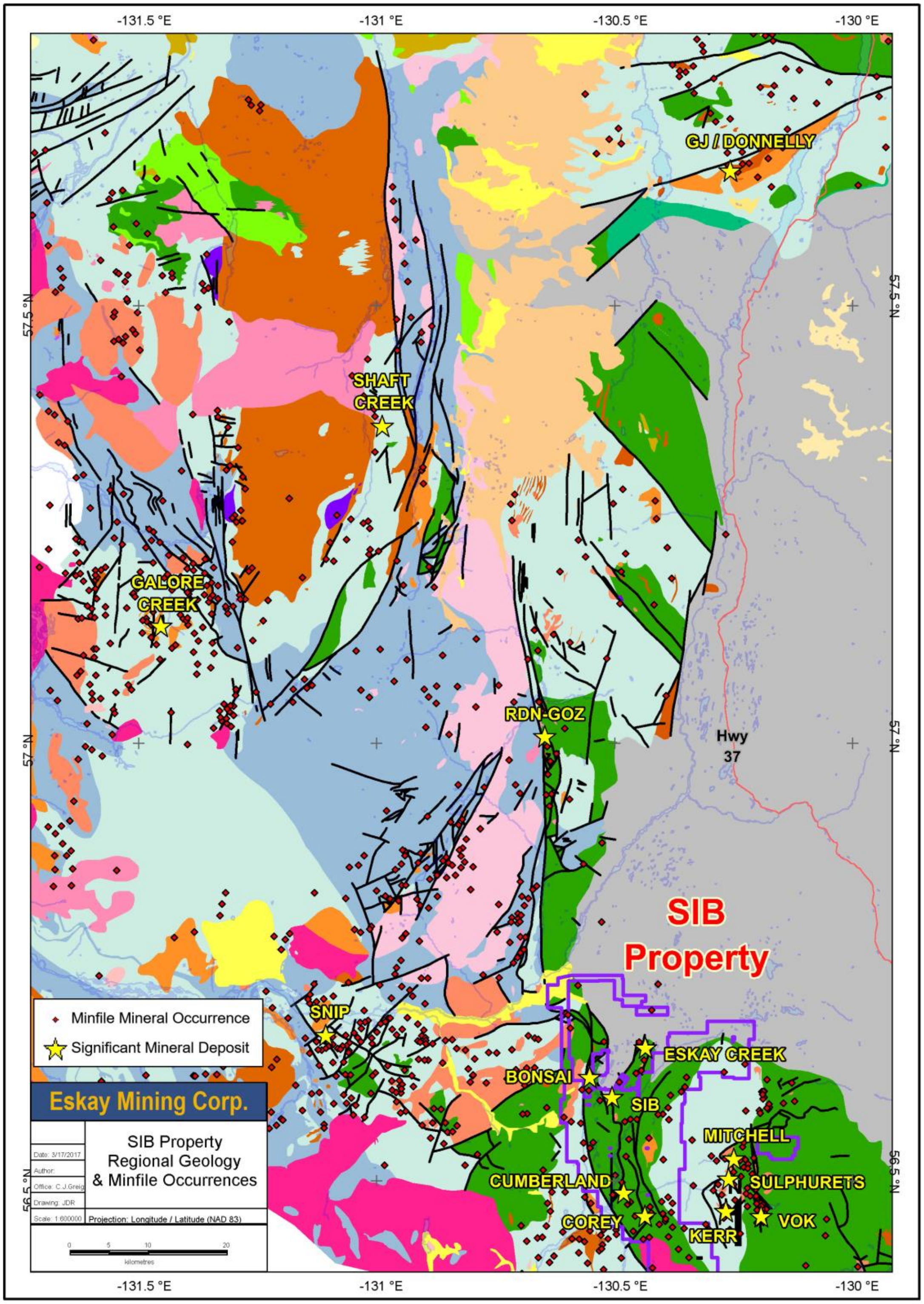

Figure 9. Minfile occurrences on regional geology (sources Massey et al., 2005 & BC Geological Survey Minfile Database) See Figure 7 for geology legend

Native gold, pyrargyrite and arsenopyrite occur in trace amounts. Core samples across the 14 metre zone averaged 14.4 g/t Au and 1059.5 g/t Ag. A short interval of the felsic volcanic hanging wall is sericite altered and in the immediate footwall of the Lulu mudstone felsic volcanic rocks are highly pyritic and sericitic. The Lulu mineralization is underlain, 149 metres lower in the stratigraphic section, by the mineralized "Marguerite mudstone", which is the lowermost mudstone, interbedded within the Mount Dilworth Formation felsic volcanics. A drill intercept of the Marguerite mudstone across 4.5 metres assayed 3.5 g/t Au and 36.3 g/t Ag.

The **Bonsai** occurrence (Minfile No. 104B 383) (fig. 9), located 4 km northwest of SIB (Lulu) and 150 m outside the property boundary, is underlain primarily by calc-alkaline andesite and derived volcaniclastic rocks. The showing consists of massive to disseminated, fine to coarse-grained pyrite in massive, to brecciated, to flow banded rhyolite. A trench has exposed a black mudstone matrix breccia with rhyolite and rare banded pyrite clasts. Highly anomalous values in gold, mercury, silver and arsenic were obtained from rock sampling, suggestive of an epithermal environment. The geochemical signature and rock types in the Bonsai showing are similar to those of the deposits at the nearby Eskay Creek mine. Rock samples collected from trenches and limited diamond drilling returned anomalous values of up to 2.5 g/t Au, 79.5 g/t Ag from pyrite-quartz-calcite stockwork veins, while stratiform mudstone-rhyolite samples returned a high of 1.71 g/t Au over 1 m. Drilling in 2003 based on re-interpretation of steeply dipping rhyolite units intersected pyritic rhyolite breccia over a much wider 64 metres, which averaged 0.38 g/t Au and 27.1 g/t Ag, including 1.99 g/t Au and >100 g/t Ag over 0.65 m. The full length of the pyritic zone was anomalous and the values were higher than at the surface gossan, indicating a possible increase in grades with depth. The breccia zone dips sub-vertically in relation to the surface gossan and is open at depth and along strike to the south.

The **Cumberland** occurrence (Minfile No. 104B 011), located 12 km south of SIB (Lulu) in the central part of the property, comprises polymetallic, volcanogenic massive sulphide mineralization within a series of mafic volcanic host rocks. This area contains occurrences of massive sulphides, barite, base and precious metal mineralization plus anomalous zones enriched in Eskay Mine “pathfinder” elements. Mineralization found in brecciated volcanic units and thin mudstone horizons is composed of lenses of massive sphalerite, barite, galena and pyrite from 0.5 to 3.0 metres thick. Sampling of this material has returned assay values as high as 9.8% zinc, 2.7% lead, 0.45% copper, 9.33 g/t gold and 91.5g/t silver.

The Cumberland zone is highly sheared and disrupted and both the mineralization and host rocks have a pronounced mylonitic fabric. A re-examination of rocks originally mapped as conglomerate and mudstone revealed rhyolite breccia and tuffaceous mudstone. The rhyolite fragments are flow-banded to massive in a dark gray, siliceous matrix. These rhyolite units possibly lie in the structural footwall of the Cumberland showing. In 1997, three outcrops of massive barite containing galena, sphalerite and associated silver mineralization were discovered and sampled, returning assays of up to 12,171 g/t silver in grab samples and 4,046 g/t silver in a one-metre channel sample.

Four kilometres southeast of Cumberland, the **Corey** occurrence and surrounding area contains several mineral showings with elevated zinc, silver, gold and other Eskay pathfinder elements, typically in silicified and veined mudstone units and adjacent volcanic rocks. Most mineralized samples are from veins or disseminated sulphides, however, at the **Smitty** occurrence (also called Corey) (Minfile No. 104B 395) VMS mineralization has been discovered, comprised of bedded massive pyrite, chalcopyrite, sphalerite, galena and tetrahedrite within mudstone of the Salmon River Formation. In outcrop the massive sulphide zone is up to 0.9 metres thick, and over that thickness averaged 0.62% copper, 0.14% lead, 4.32% zinc and 159 g/t silver. The mudstone and massive sulphides are within a wider interval of rhyolite, intermediate volcanics and volcaniclastic sediments close to the contact with overlying basalt. Fifteen holes drilled in 2005 and 2007 had limited success, but did intersect sulphide-bearing intervals over lengths of up to 9 metres, containing sub-economic enrichments of zinc, as well as anomalous levels of arsenic, antimony and mercury. For example, drill hole CR05-04 returned an average of 2682 ppm Zn over 4.1 metres.

Two and three kilometres east of Corey, respectively, at the HSOV occurrence and nearby Spearhead zone, Eskay-equivalent rhyolite and interbedded mudstone of the Salmon River Formation are exposed. Some of the work undertaken in 2016 focused on the area near these showings where there is potential for the discovery of a high-grade VMS deposit. Figure 10 shows areas of 2016 rock and soil sampling near the Ted Morris glacier, as well as Minfile occurrences in the work area.

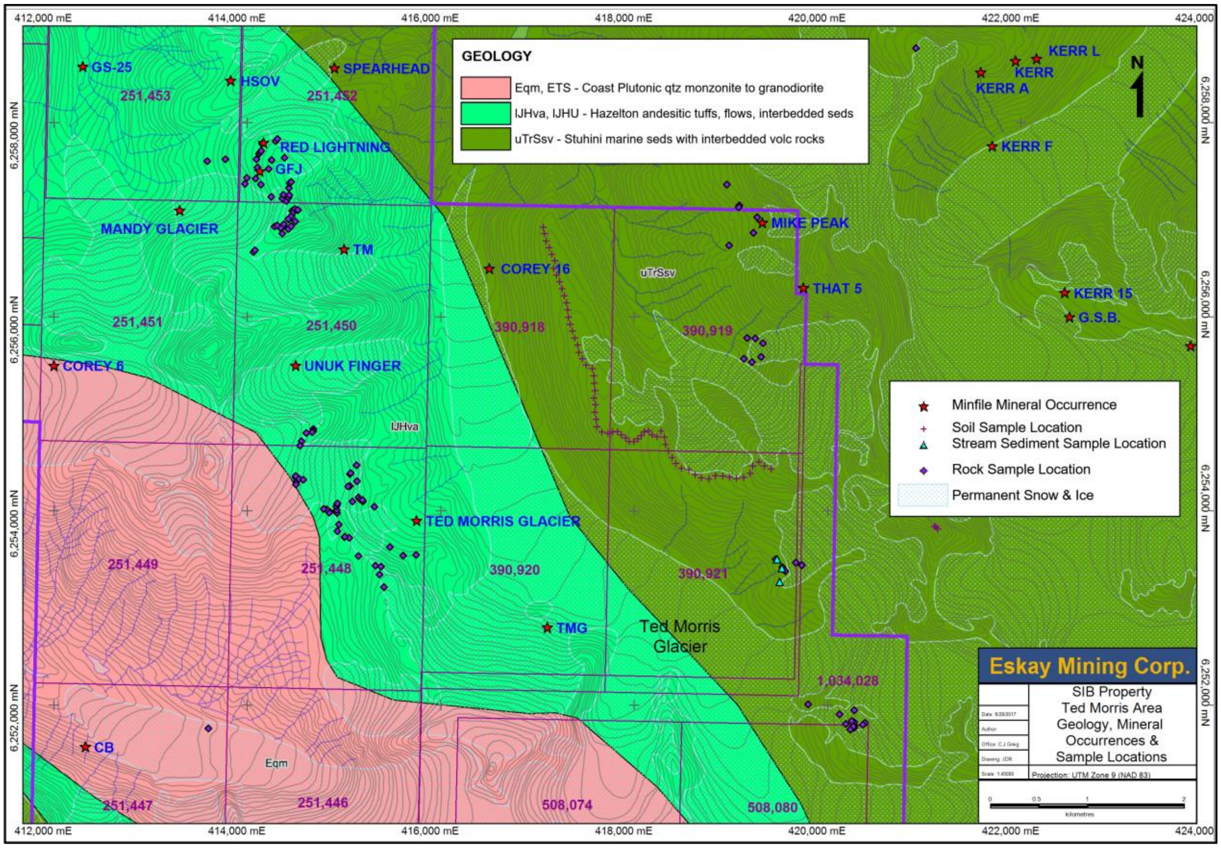

Figure 10. Ted Morris area geology with Minfile mineral occurrences and 2016 rock, soil and silt sample locales

Minfile descriptions of the **HSOV** occurrence (Minfile No. 104B 387) indicate host rocks of andesitic to rhyolitic volcaniclastics and minor flows, massive rhyolites with minor interbedded volcaniclastics, mudstones and basalts. Contact relationships between the various units are complex, in particular between the mudstones and basalts. The showing lies at the contact between rhyolite breccia and black shale; the horizon has been traced for one kilometre along strike and 500 metres down dip. Mineralization consists of a zone of semi-massive to massive marcasite and pyrite, with minor gypsum, anhydrite and sphalerite in a black, sooty matrix. The sulphide body is exposed over a length of 35 metres and is up to 3.5 metres thick. A left-lateral fault offsets sulphide mineralization 110 metres to the east, where another 30 metres of mineralization up to 1 metre thick is exposed. Blocky altered mudstone and felsic volcanic clasts are supported within a sponge-like matrix of sulphides and sulphosalts along with gypsum, associated with sulphidic tubules. Strong shearing and associated thrust faulting has complicated stratigraphy; however it is clear that the mineralization is located at or near the mudstone/felsic breccia contact. The mineralogy, texture and setting all suggest that the showing is related to a submarine exhalative vent system. A grab sample of sulphide mineralization assayed 2.18 g/t gold, 505.9 g/t silver and 1.26% copper (Minfile No. 104B 387).

A total of three drill holes were completed in the HSOV zone in 2005 to test the surface occurrence. Two of the holes successfully intersected several metres containing stringer veins and massive pyrite within mudstones and brecciated rhyolites, down-dip and along strike from the surface showing. While these intersections did not yield significant metal values, they demonstrated that the HSOV mineralization has VMS characteristics. The host package of mudstones and rhyolites can be traced on surface along a strike length of about 1 km. Soil geochemical surveys in 1997 outlined an area anomalous in Ag, As, Zn, Cu and Au. This geochemical anomaly has been traced for 600 metres along strike and is open at both ends. It lies within black shale, 100 metres above the shale/rhyolite contact.

One kilometre east of HSOV, the **Spearhead** showing (Minfile No. 104B 609) is within a northwest trending, two hundred by one hundred metre outcrop of silicified rhyolite that has recently been exposed by retreating glacial ice. Geological mapping and sampling in 2006 demonstrated that the host rhyolite-mudstone sequence at Spearhead belongs to the Eskay-equivalent Middle Jurassic Salmon River Formation, with a style of mineralization and geological relationships very similar to those at the HSOV zone located to the west. Reportedly, the mineralization and alteration at Spearhead are much more extensive than at HSOV. Limited drilling at Spearhead in 2006 intersected mudstone containing a 1.2 metre-wide interval of laminated fine grained massive pyrite with zinc enrichments of up to 0.2% Zn, as well as pyrite-sphalerite-quartz veinlets (Assessment Report 30131).

At the **Red Lightning** prospect (Minfile No. 104B 605), 700 m southeast of HSOV (fig. 10) Minfile descriptions indicate that mineralized host rocks are tholeiitic mafic intrusive within mafic volcaniclastic rock of the Hazelton Group. Investigation of an AeroTEM electromagnetic conductor revealed a strongly gossanous area from which grab samples contained around 0.5% copper and 5 g/t gold (Kenrich-Eskay Mining Website). Follow-up geological mapping identified a 5 to 10 metre wide, 100 metre long, steeply northeast dipping zone of oxidized iron sulphide within a chloritized massive mafic volcanic rock. This zone was tested in 2007 by four drill holes, three of which intersected a strongly chlorite-epidote altered mafic sub-volcanic sill. The sill contained stratabound network vein-hosted to semi-massive pyrite-pyrrhotite-chalcopyrite over widths of up to 20 metres drilling thickness, with a notable horizon of precious metal enrichment, over a strike length of at least 60 metres. A 1.0 metre core interval assayed 5.74 g/t gold, 2.8 g/t silver and 0.18% copper, (Assessment Report 30131).

In 2008, 7 drill holes at Red Lightning targeted the down-dip extensions of the sulphide mineralized zone. One hole intersected network-veined to semi-massive pyrite-pyrrhotite-chalcopyrite, enveloping a 5.3 metre interval of fine-grained massive pyrite-pyrrhotite-chalcopyrite with grades of 1.03% copper, 0.55% nickel, 0.10% cobalt, 0.16 g/t platinum, 0.15 g/t palladium and 1.1 g/t gold (Eskay Mining Corp. website, March 2010, (www.eskaymining.com)). This sulphide zone, which is interpreted to be magmatic in origin, rather than VMS-style, remains open along strike to the north and south.

The **GFJ** showing (Minfile No. 104B 233), 300 m south of Red Lightning, is a lode gold vein occurrence up to 750 metres in length and from 0.5 to 1 metre in width. Mineralization was found within a shallowly-dipping shear-controlled pyritic quartz vein, consisting of banded quartz, chlorite, pyrite, arsenopyrite and possibly tetrahedrite, with reports of native gold. Wall rocks were described as andesitic tuff and breccia. Several separate vein zones were mapped. One zone consists of a series of 20 to 40cm flat-lying veins and 2 to 4 metre-wide vein stockworks, exposed over a length of 195 metres, however, sulphides and alteration are weak. Another vein extends 110 metres with widths ranging from 15 to 80 centimetres, dipping about 30 degrees to the east. This vein consists of banded quartz, siderite and sulphides, and has returned up to 33.7 g/t gold (Assessment Report 27511). Another poorly exposed vein is sub-horizontal, 12 to possibly 50 centimetres thick, and extends for about 90 metres. This vein consists of quartz, pyrite, arsenopyrite and chalcopyrite, with gold assays ranging up to 46.4 g/t (Assessment Report 27511).

The **TM** showing (Minfile No. 104B 354), 1 km southeast of GFJ, is a large vertical, altered and silicified shear zone containing quartz-sulphide mineralization that is several metres wide and has a vertical dimension of 400 metres exposed on a cliff face. The zone is hosted within intermediate to mafic volcanic rocks and trends about 090 degrees, with a dip of 80 degrees to the south. Mineralization consists primarily of pyrite, arsenopyrite and chalcopyrite hosted within quartz/chlorite veins, with associated limonite, manganese oxide and malachite staining. A grab sample from the TM showing assayed 42.17 g/t gold (Assessment Report 24965).

The **Ted Morris Glacier** occurrence (Minfile No. 104B 236) (fig. 10) has three copper showings reported; the northeastern-most contains pyrrhotite and 1% copper, the second, about 600 m south, is a pyritic showing containing some pyrrhotite and chalcopyrite, and the third, about 400 metres west, has returned up to 0.75% copper. The host rock was not reported, but phyllonite was mapped just west of the occurrence area, diorite porphyry just east and sheared greywacke to the south.

At the **TMG** occurrence (Minfile No. 104B 237) three showings of chalcopyrite and pyrrhotite occur within 1.5 kilometres of each other at the same elevation along the southwest edge of Ted Morris Glacier. They consist of sulphide disseminations that are hosted by black phyllite, schistose argillite and sandstone, and a quartz vein within unknown host rock. A fourth showing located less than 400 metres southwest of the above quartz vein (at a lower elevation) consists of chalcopyrite, pyrrhotite and up to 5% pyrite.

At the **Mike Peak** showing (Minfile No. 104B 279), in the northeast part of the 2016 work area, actinolite asbestos is reported to occur within a north trending band of phyllites that are believed to have formed from pelites and tuffs of the Stuhini Group during Cretaceous metamorphism.

That 5 (Minfile No. 104B 238), located 800 m southeast of Mike Peak showing, just outside the property boundary, consists of a quartz vein hosting pyrrhotite, chalcopyrite and pyrite. Another quartz vein, 350 metres southwest, hosts pyrrhotite and chalcopyrite. Host rocks are phyllite that developed from pelites and tuff of the Stuhini Group.

Other Minfile occurrences in the 2016 work area, shown on Figure 10, mainly consist of individual mineralized samples of note or small localized showings with limited descriptions provided.

6.0 Previous Exploration Work

Gold mineralization was first discovered near Tom Mackay Lake in 1932 and further exploration in the area was spurred by increasing gold prices in 1934. Consolidated Silver

Butte (SIB) and its predecessor companies were active on the SIB property from the 1930's until the early 1990's. Later, Heritage Exploration (now St. Andrew Goldfields) acquired the property and applied a systematic exploration approach to the core SIB property in the period 2001 to 2003 in search of an Eskay-style deposit. Those programs involved aggressive drilling of targets developed by geological mapping, geochemical soil and stream sediment sampling, lithogeochemical sampling and airborne geophysics (AeroTEM II). In aggregate, the historical exploration programs up to 2004 completed a total of 132 diamond drill holes, comprising 19,417 meters of drilling. Most of the historical drilling was targeting the mudstone horizon at the SIB (Lulu) zone. Drilling had encountered some encouraging intercepts of Eskay-style mineralization near surface; however, interpretation of the results at that time concluded that the Coulter Creek Thrust Fault limited exploration of the Lulu zone to the south, and at depth. Encouraging results from subsequent drilling in 2008 and 2010 defined the potential for Eskay-style mineralization, present below the Coulter Creek fault, at an approximate depth of 400 to 500 meters.

During the considerable exploration efforts undertaken in the SIB (Lulu) area over the past 80 years there was also work ongoing in areas to the south around the Cumberland and Corey mineral occurrences. This report details the 2016 exploration undertaken to the southeast of the Corey zone as shown on Figure 10, therefore this discussion will focus on historical work that has taken place in this area only. Rugged terrane, glacial cover and poor outcropping of the target volcanic and sedimentary rocks in the southeast part of the property have hampered past exploration work. The exploration challenge is to locate a new Eskay-style deposit that is likely to be hosted in recessive weathering sediments and/or altered volcanics that are not well exposed.

Up to 1983, the area south of Sulphurets Creek saw a series of small exploration programs conducted by E and B Explorations, Nor-Con Explorations and Dupont Canada.

In 1986, Catear Resources Ltd. undertook rock and stream sediment geochemical sampling in the Mount Madge area resulting in discovery of the C-10 zone.

In 1987-88 Bighorn Development Corp. undertook one of the larger exploration programs comprising property-wide silt, soil and rock geochemistry, prospecting and detailed evaluation consisting of geological mapping, limited trenching and diamond drilling of six holes (590 m) at the Cumberland prospect and six holes (647 m) at the C-10 prospect.

In 1991 Placer Dome evaluated the Cumberland and C-10 prospects with geological mapping, soil and rock sampling, as well as magnetometer and VLF-EM surveys. It was determined that the mineral showings at Cumberland are of gold-enriched Kuroko-type VMS mineralization.

In 1992 several areas of the property underwent varying degrees of exploration or review by Kennecott Canada Inc., Inco Exploration and Technical Services Inc. and Homestake Canada Ltd. This work consisted primarily of reconnaissance geochemical and geological surveys.

In 1993, Kenrich Mining Corp. and Ambergate Exporations Inc. undertook a program of extensive geological and geochemical work, including limited geophysical surveying and trenching, but only a small portion of the work was in the southern claims, comprising contour soil sampling near the Cumberland showing and rock sampling and mapping at the MM, C-10 and GFJ showings (AR 23,805).

Kenrich Mining Corp. continued exploration and diamond drilling in other parts of the property (TV, Bench and Battlement zones) in 1994, 1995 and 1996.

In 1996, Kenrich covered the area around the Cumberland zone with detailed geological mapping, soil geochemistry, airborne geophysics and five drill holes (634 m). Bedded barite was discovered stratigraphically above the sulphide zone (AR 24965A). The HSOV VMS showing and TM gold vein were discovered during reconnaissance work. A 1,149 line-km airborne magnetic, VLF and radiometric geophysical survey was completed over the western half of the SIB property.

In 1997 Prime Resources optioned and explored the areas of the Cumberland and Bench zones (AR 25384). On the southern (non-optioned) claims Kenrich undertook soil sampling and geological mapping around the HSOV and TM zones.

In 1998 Kenrich extended the soil grid at HSOV and did minor trenching and a VLF-EM / magnetometer survey on the HSOV grid. A massive to semi-massive colloform marcasite body, 1 to 3 m thick, occurring at a mudstone-volcanic interface appears to represent peripheral mineralization in a sea floor hydrothermal system (AR 25985). The showing lies within a strong multi-element soil anomaly more than 250 m in length (AR 25985).

In 2003 Kenrich-Eskay Mining Corp. undertook a lithogeochemical study of core samples from the Cumberland and Bench zones (AR 27511). The conclusion was that detailed subdivision of volcanic units is possible, allowing a better understanding of the volcanic sequence in the Corey area.

In 2006, 1191 line-kms of AeroTEMII survey were flown for Kenrich-Eskay Mining Corp. covered the Corey claim block, which comprises the southern part of the current SIB property (AR 28538). Mapping and prospecting discovered massive sulphide mineralization at the Spearhead occurrence, east of HSOV.

From 2004 to 2007 Kenrich-Eskay Mining Corp. commissioned Cambria Geosciences Inc. to undertake a comprehensive compilation of previous exploration data for the Corey property and to follow-up that data with programs of field work. Most of the work occurred in the Cumberland and Corey areas, however, in 2007 part of the program involved mapping, prospecting, lithogeochemistry and stream sediment sampling in the Mandy Creek east area, referred to as the “Eastern Belt”. As stated in the 2007 report, “lithogeochemistry has effectively guided the geological mapping and confirmed that the Corey property straddles the local Eskay-Corey rift belt. Interpretation of this data has shown that a continuous belt of tholeiitic basalts and highly prospective rhyolites of tholeiitic to transitional magmatic affinity can be traced across most of the property” (AR 30131).

As well, in 2007 four holes were drilled in the Red Lightning area. The holes intersected a strongly chlorite-epidote altered mafic sub-volcanic sill containing stratabound network vein-hosted to semi-massive pyrite-pyrrhotite-chalcopyrite over widths of up to 20 metres. A 1.0 metre core interval assayed 5.74 g/t gold, 2.8 g/t silver and 0.18% copper, (AR 30131).

In 2008, Kenrich-Eskay Mining Corp. drilled 7 holes at Red Lightning targeting the down-dip extensions of the sulphide mineralized zone. One hole intersected a 5.3 metre interval of fine-grained massive pyrite-pyrrhotite-chalcopyrite with grades of 1.03% copper, 0.55% nickel, 0.10% cobalt, 0.16 g/t platinum, 0.15 g/t palladium and 1.1 g/t gold, within a wider envelope of network-veined mineralization.

In October, 2008 a desktop study, lineament array analysis was undertaken for the area around the Corey 16 Minfile occurrence on Tenure 390918. Predominant west-northwesterly and northwesterly trending structures with a secondary set of northwesterly trending structures were determined. Some of the structures may be significant mineral controls related to epithermal mineralization, which is indicated to be associated with volcanogenic mineralization at the Eskay Creek mineral deposits, although no specific target structures were identified in the report.

No further work was undertaken in the southern property area until the current 2016 geological and geochemical program.

7.0 Property Geology

The geology of the Corey property (south half of the SIB property) has been well documented in previous reports, such as McGuigan and McKinley (2004), so this section will focus on the geology specific to the 2016 field program. Geology illustrated on Figure 10 depicts the east side of the work area as underlain by upper Triassic Stuhini Group marine sedimentary rocks with interbedded volcanics, which are overlain to the west by lower Jurassic Hazelton Group andesitic tuffs, flows and interbedded sedimentary rocks, intruded to the southwest by a relatively large Eocene quartz monzonite stock of the Coast Intrusions. Detailed mapping by McKinley (2008) that covered a part of this area has shown that this simplified view does not reflect the effects of Cretaceous contractional deformation that has caused tight folding and imbricate thrust faulting in the project area.

McKinley's work (2008), which focused on Hazelton Group rocks of the "Eskay stratigraphy", established the presence of a sequence of Salmon River Formation rhyolite, felsic breccia, mudstone and basalt correlative with and similar to that at the Eskay Creek mine. This sequence of lithologies is found within the central part of the SIB property at the Virginia Lakes, Bench, Battlement and Cumberland showings and continues into the north part of the project area at the South Unuk, Angela Creek, C10, HSOV and Spearhead Zones. In addition to these areas of Eskay Creek-type potential, several additional discoveries in the work area exhibit favourable stratigraphy, including the GFJ and TM veins that may represent footwall mineralization.

Mapping by McKinley (2008) primarily centered on the Cumberland and South Unuk areas, 3 to 6 km northwest of the project area, but did include some work in the HSOV and Spearhead areas in the northern part of the work area. Based on the mapping, with accompanying lithogeochemical sampling, a new stratigraphic section was proposed for the Corey area, similar to, but with distinct differences from the Eskay type-section (fig. 11) (McKinley, 2008).

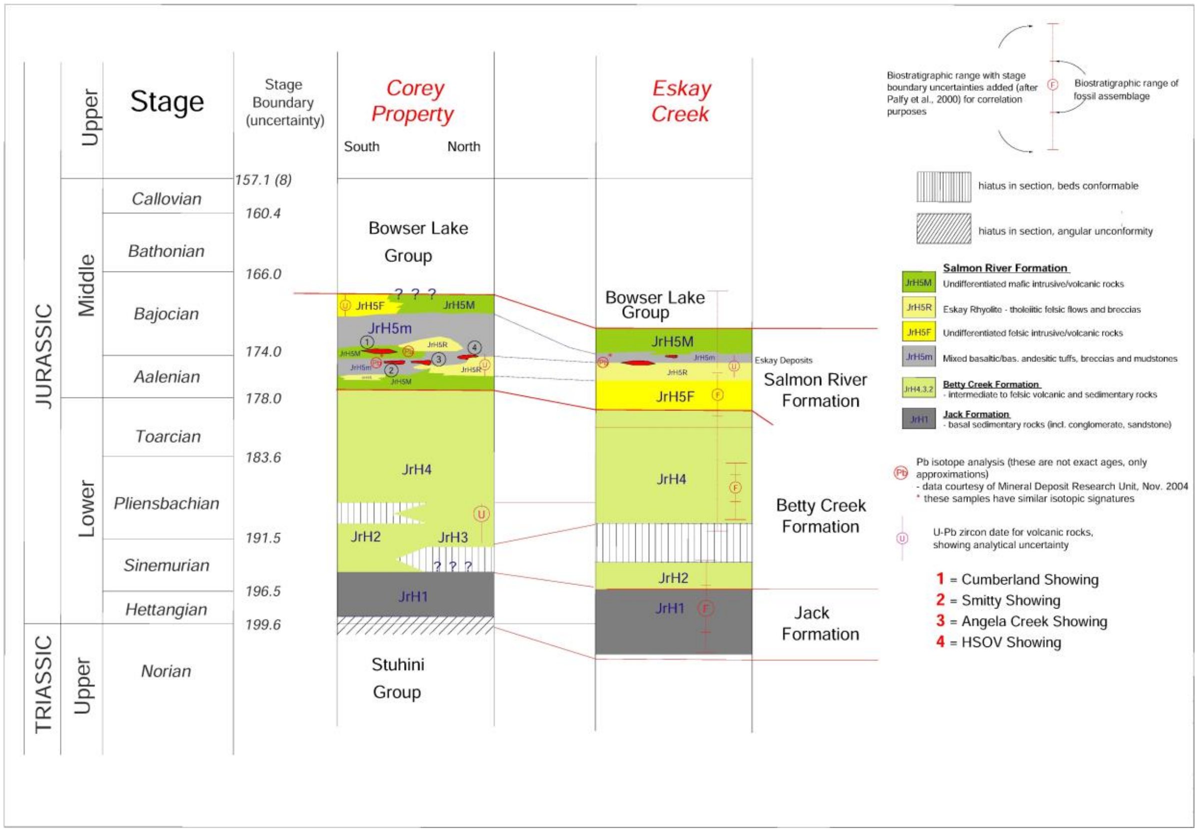

Figure 11. Comparative stratigraphic columns, Corey & Eskay Creek areas (drawing credit, McKinley, 2008)

The area is stratigraphically complex. The volcanic stratigraphy is discontinuous and there are abrupt facies changes, with interfingering and repetition of rock types. There are large volumes of volcaniclastic units of somewhat similar texture and bulk composition, but with differing trace element signatures that suggest they originated at different sources (McKinley, 2008). Unconformable contacts between volcanic and sedimentary units are present. Sub-volcanic intrusive rocks, chemically matching various volcanic rock units occur locally. That said, the prospective VMS host rocks are more common than indicated by earlier exploration programs, particularly in the C10-Mandy Valley and HSOV-Spearhead areas, effectively expanding the size of the most favourable ground for future exploration.

McKinley (2008) has described the stratigraphy in the HSOV-Spearhead area (Eastern Belt) as largely composed of intermediate (dacite and andesite) volcanic rocks that contain lenses of intercalated rhyolite, which are strongly hydrothermally altered in places, mainly by silica and pyrite, and mineralized locally by semi-massive to massive pyrite and marcasite.

The dacitic and andesitic tuffaceous rocks also display moderate to locally strong alteration in places. The strike extent of the eastern belt of rocks in the Corey are is approximately 7 km. Eastern Belt stratigraphy is mostly overturned, with bedding generally dipping steeply east-northeast and cut and offset by a series of thrust faults. This has imbricated the HSOV-Spearhead area stratigraphy such that it now comprises several overturned and thrust-bound slices.

Two significant layers of altered rhyolitic volcanic rocks are found in the HSOV-Spearhead Area. The upper rhyolite contains the HSOV sulphide showing. It is immediately succeeded in the stratigraphy by graphitic silt and mudstone in the area of the HSOV showing and by tuffaceous sandstone and minor graphitic argillaceous sediments to the south of HSOV (fig. 11). A second, strongly altered, rhyolitic volcanic layer is contained within tuffaceous dacitic and andesitic volcanic rocks below the upper rhyolite described above. This layer is accompanied by graphitic argillite, which forms a bed stratigraphically below the rhyolite. Andesitic flow and tuffaceous rocks lie above the lower rhyolite layer. This lower rhyolite horizon appears to pinch out on the ridge top located to the northwest of the Spearhead Showing.

The rhyolite containing the Spearhead Showing may be equivalent to the rhyolite zone at the HSOV Showing. The upper andesitic to basaltic transitional volcaniclastic rocks and sediments are present in the hanging wall of both rhyolite layers. The absence of the transitional dacite and andesite tuffs above Spearhead suggest a dramatic facies change in the vicinity of a large east-northeast striking fault that passes the Spearhead Showing about 150 m to the northwest of the mineralization. A combination of an abrupt facies change across an older pre-existing syngenetic fault combined with late sinistral displacement along the same structure could account for the present offset between the rhyolite zone at Spearhead and that containing the HSOV Showing (McKinley, 2008).

As stated by McKinley (2008) "with the exception of the C10 Zone, very little drilling whatsoever has been completed in the now highly prospective Mandy Valley/Eastern Belt. As such, a significant drilling program is warranted in this area."

Stuhini Group rocks in the eastern part of the project area were examined and sampled in 2016 with the objective of finding mineralization similar to the Kerr Cu-Au deposits located 3 km to the east. In the Sulphurets Creek area (east side of the property) Stuhini Group rocks comprise thinly bedded mudstone, graphitic mudstone and lesser calcareous mudstone, and felsic tuff. The uppermost Stuhini Group units consist of felsic volcanic stratified tuffs and fragmental rocks. The base of the Hazelton Group is located at an angular unconformity that cuts into previously folded Stuhini Group rocks, marking a significant regional hiatus in volcanism and an episode of uplift and erosion (Nelson and Kyba, 2014).

In the east part of the project area there has been no detailed mapping, however, the stratigraphy may be similar to that at the nearby Kerr deposit which has been mapped by Bridge (1993), in which he has described a partial section of Stuhini stratigraphy. In the footwall of the deposit, oldest rocks comprise massive tuff that is uniform, with occasional beds of volcanic conglomerate and mudstone, locally showing faint graded bedding. The overlying, well bedded mudstone exhibits prominent graded bedding with coarser intervals increasing up section to sand and cobble size. Overlying the coarser beds is a sequence of interbedded sandstone and siltstone with limy concretions, 2-3 cm in diameter. Black laminated argillite and rusty-weathering siltstone, with minor lenses of bedded limestone, overlie the sandstone unit. The argillite is overlain, in faulted contact, by volcanic conglomerate with minor interbedded argillite. Clasts, 1 to 30 cm in diameter, comprise plagioclase porphyry, hornblende porphyry, aphanitic felsic rock and epidote in a matrix of mainly plagioclase crystals. At Kerr these Stuhini Group rocks are intruded and mineralized by early Jurassic monzonite to syenodiorite dykes and feldspar porphyry bodies.

The most abundant syn-mineralization intrusions at the Kerr and Deep Kerr deposits are hornblende-plagioclase ± K-feldspar-biotite porphyries. These intrusions crosscut each other, with multiple overprinting intrusive phases, and are highly altered within the deposit, making recognition of primary phases difficult. Early Jurassic K-feldspar–megacrystic porphyry dikes are late mineralization and overprinted by epithermal gold-silver mineralization (Bridge, 1993). Post-mineralization dikes include Early Jurassic porphyritic diorite dikes and aphanitic diorite dikes.

The geology of the southeast part of the SIB property has had only localized detailed documentation; nevertheless, some aspects of the geology and mineral potential are apparent. There are indications from geological mapping and mineral showings near the northern part of the project area (tenures 251452 and 251453), that:

1) "Eskay Creek-equivalent" stratigraphy is present,

2) VMS-style mineral zones, with possible footwall mineralized veins containing precious metals have been discovered, and

3) potential new targets may exist in more recessive-weathered areas at lower elevations.

Based on these observations, continued exploration in this area is highly recommended.

7.1 Structural Geology

Alldrick et al. (2005) and Barresi et al. (2008) have provided convincing arguments for fault-controlled subsidence which led to development of a number of sub-basins within the 300 km long by 50 km wide Eskay Rift volcanic belt. These types of structures are interpreted to be synvolcanic (growth) faults and likely were not active past the last deposition of Hazelton rocks.

During Cretaceous time the Eskay Creek area was affected by two regional contractional events: an extensive westerly-directed system of thrust faulting, as along the western side of the Coast Belt, and the east-northeasterly directed Skeena Fold and Thrust Belt of the Bowser Basin (Evenchick, 1991).

Contractional structures show a transition from broad open folds in the northern part of the SIB property to tight folds and thrust faults in the south. In the north, in the vicinity of the Eskay Creek deposit, thrust faults are rare to non-existent. McKinley (2008) reports that a series of imbricate thrusts are exposed in the Unuk Valley and the John Peaks-Mount Madge areas. Thrust slices contain locally inverted stratigraphic sections of Hazelton Group rocks.

The widespread development and intensity of the Cretaceous contractional deformation event overprinted and obscured earlier-formed structures, and likely reactivated any favourably-oriented pre-existing faults (McKinley, 2008). The Harrymel fault is a major left-lateral displacement fault located on the west side of the property that trends north-south along Harrymel Creek valley and is interpreted to grade southward into a broad ductile shear zone referred to as the South Unuk Shear Zone. This fault juxtaposes Hazelton Group rocks against the older Stuhini Group to the west, so perhaps this major north-south fault originally formed part of the Eskay Rift boundary in the property area, to be later re-activated with lateral movement.

7.2 Mineralization and Alteration

There are several known mineral showings in the project area. These are shown on Figure 10 and discussed above in Section 5.2 (Local Mineral Occurrences). A number of the showings have VMS characteristics, such as association with “Eskay rhyolite”, Eskay-type mineralogy with anomalous Ag-Au-Cu-Zn-Pb-As-Sb and stratiform sulphide laminations in mudstone. Some of the showings are precious-metal rich veins that may represent feeder veins to overlying stratiform bodies. Alteration typically consists of silicification with pyrite, and is relatively restricted to rhyolite layers and their overlying fine grained sedimentary beds. These known potential VMS mineral zones are all located in the north part of the work area within Hazelton Group rocks that contain rhyolitic layers.

In the central and eastern parts of the project area, mineral showings are predominantly copper-bearing veins hosted by sedimentary and volcanic rocks of both the Hazelton and Stuhini Groups. These commonly consist of pyrrhotite and chalcopyrite disseminations and fine veins that are hosted by black phyllite, argillite, sandstone or tuff units. There is little information about these showings and whether they may be associated with porphyritic dykes, similar to the setting at the nearby Kerr porphyry Cu-Au deposits.

8.0 Soil and Stream Sediment Geochemistry

Reconnaissance soil and stream sediment sampling was undertaken in an area that has been mapped as Stuhini Group rocks, east of Ted Morris glacier on the southern part of the SIB property, to test for areas of anomalous geochemistry.

8.1 Geochemical Sampling Procedure & Analytical Techniques

On August 25, 2016 one sampler from C.J. Greig & Associates Ltd. collected 65 soil samples along a ridge-top sampling line on a northwest-trending ridge located on the east side of the Ted Morris glacier. Additionally, three stream sediment samples were collected on Aug 26, 2016 during geological reconnaissance about 1 km south of the soil line. The small streams drain southwesterly on a steep hillside underlain by Stuhini Group rocks.

The soil line traversed an area mapped as Stuhini Group sedimentary and volcanic rocks to test for geochemical anomalies that may be indicative of Kerr porphyry-style Cu-Au mineralization. Samples were collected at 75 m intervals along the line for a total line-length of about 4800 m.

The line was established using a hand-held Garmin GPS unit to measure the distances between stations and to record UTM co-ordinates for each station. All measurements and figures use NAD83, Zone 9 datum. Most of the soil sample material comprised C horizon soil, or talus fines. The area has been glaciated, and glacial features indicate a northwesterly ice transport direction, however, the soil samples were collected very near the ridge top so it is probable that the soil is residual and has had little displacement, other than some downslope creep.

Soil samples were collected from an average depth of 10 cm, placed in heavy Kraft paper bags marked with identifying numbers, packed in sacks and transported to the offices of ALS Global Laboratories in North Vancouver, B.C. for analysis of trace level gold and 50 additional elements (code AuME-TL43). Stream sediment samples were collected from three small streams in one localized area. Sand and silt size material was collected from the active part of the stream channels and bagged and processed in the same manner as the soil samples.

At the lab, soil and stream sediment samples were dried and sieved to recover the -180 micron-size fraction. For each sample, 25 grams of -180 micron-size material was dissolved in aqua regia and analyzed by ICP/MS for Au content (0.1 ppb to 1 ppm range) and a suite of 50 additional elements. Detection limits for most of the elements is relatively low; however, a few elements (such as Ba) have only moderate detection level. No blank samples were submitted with the field samples; however, the laboratory conducts its own internal

QA/QC testing to ensure that their equipment is properly calibrated and providing accurate results. The UTM co-ordinates and laboratory analytical results for the 65 soil samples and 3 stream sediment samples are attached in Appendix I.

8.2 Evaluation of Soil Geochemical Results

The results of the soil sample analyses were used to produce a correlation matrix using 21 of the elements that were analyzed; these are believed to be relevant elements for this exploration environment. The matrix is shown in Table 2 with positive values greater than 0.50 highlighted in yellow. It is evident from this chart that there is a strong correlation between Ag, Au, As, Bi, Hg, Pb, Sb and Zn. There is a separate correlation between the elements Cu, Co, Ni, Mn, Zn and Cd. Mo shows a strong correlation with Fe and moderate with As, but no other elements. The suite of elements associated with Au and Ag may be indicative of precious metal-sulphide bearing veins, but could also indicate VMS-style mineralization. Since the soils in the Ted Morris area were collected in an area mapped as Stuhini Group rocks, which are not known for VMS mineralization, it is more likely the anomalous soils are representing mineralized veins, however, these could still be feeder veins for stratiform mineralization in the overlying Hazelton Group rocks. The Cu-associated group of elements may represent a separate mineralizing event from the precious metals suite, forming vein mineralization such as that found in the Kerr area, a short distance to the east, which is associated with Early Jurassic age stocks and dykes. Upon detailed examination of the Cu and Ni analytical results, some of the highest Cu- and Ni-in-soil values correlate strongly with the highest silver values, and to a lesser extent, with As, Sb, Zn and Pb, suggesting that there may have been multiple mineralizing events of varying chemistry occupying the same system.

	Au	Ag	As	Ba	Bi	Ca	Cd	Co	Cu	Fe	Hg	K	Mg	Mn	Mo	Ni	Pb	S	Sb	W	Zn
Au	1																				
Ag	0.627827	1																			
As	0.665765	0.746043	1																		
Ba	-0.05601	-0.04065	0.035586	1																	
Bi	0.468947	0.81372	0.606328	-0.2322	1																
Ca	-0.16882	-0.16501	-0.1092	0.807859	-0.4024	1															
Cd	0.274875	0.339446	0.132548	0.105083	0.029857	0.031105	1														
Co	0.071804	-0.00811	0.004625	0.449665	-0.31447	0.384905	0.608862	1													
Cu	0.247502	0.134832	0.113984	0.469474	-0.1852	0.344565	0.666524	0.928739	1												
Fe	0.32227	0.282391	0.566012	0.089644	0.120369	0.01233	0.230378	0.189509	0.192238	1											
Hg	0.363216	0.630447	0.423708	-0.14247	0.502347	-0.24499	0.523394	0.075837	0.172319	0.265449	1										
K	-0.32141	-0.24519	-0.17	0.738697	-0.37018	0.723653	-0.18083	0.210779	0.139996	0.013209	-0.38609	1									
Mg	-0.36834	-0.45695	-0.39204	0.575482	-0.60514	0.675702	0.035319	0.591007	0.466974	-0.1412	-0.45128	0.684318	1								
Mn	0.206143	0.071416	0.123536	0.24781	-0.109	0.082798	0.567374	0.814202	0.723782	0.279114	0.195895	-0.05837	0.208713	1							
Mo	0.258792	0.176395	0.458397	-0.12207	0.117139	-0.14936	0.029681	-0.21525	-0.13827	0.806547	0.218142	-0.15143	-0.35032	-0.15484	1						
Ni	0.180652	0.235388	0.142248	0.185985	0.0177	0.020537	0.601328	0.719291	0.768121	0.126712	0.381584	-0.21294	0.113796	0.632562	-0.04712	1					
Pb	0.748346	0.654242	0.636646	-0.05164	0.451236	-0.10943	0.410693	0.037517	0.142577	0.280727	0.476621	-0.18492	-0.37256	0.217446	0.154742	-0.04641	1				
S	0.237732	0.260327	0.21594	-0.17184	0.280532	-0.21101	-0.00325	-0.33278	-0.28241	0.33856	0.345531	-0.12283	-0.43682	-0.21053	0.277917	-0.22107	0.349601	1			
Sb	0.795846	0.759872	0.804468	-0.05103	0.550895	-0.13955	0.354875	-0.02408	0.117761	0.468923	0.573483	-0.24264	-0.46912	0.138293	0.40701	0.053886	0.926538	0.426544	1		
W	-0.14881	-0.13502	-0.06358	-0.02156	0.030771	-0.11674	-0.19881	-0.27595	-0.26129	0.134044	-0.33019	0.027598	-0.22098	-0.1716	0.270666	-0.12302	-0.26309	-0.09485	-0.19384	1	
Zn	0.426836	0.539377	0.274574	0.014777	0.215503	-0.10098	0.90267	0.500844	0.577177	0.307153	0.58859	-0.25035	-0.16592	0.53688	0.092423	0.574959	0.554935	0.161993	0.511058	-0.15737	1

<u>Element Associations</u>

Ag-Au-As-Bi-Hg-Pb-Sb-Zn
Cu-Co-Ni- Mn- Zn-Cd
Mo-Fe-(As)
Ba-Ca-K-Mg-(Cu-Co)

Table 2. Soil Sample Geochemistry Correlation Matrix

Soil and stream sediment sample locations and sample numbers are shown on Figure 12, along with locations of tenures on which the samples were collected. Maps showing values for Ag, Au, As, Sb, Hg, Pb, Zn, Cu, Mo, Fe and Ba are shown on Figures 13 to 23. For each element map the anomalous values are depicted by increasing symbol sizes and colours, ranging from small green dots for weakly anomalous, to large red dots for the strongest anomalies. Due to the limited sample population the author has chosen anomalous categories based on personal experience and other soil geochemical values in the region. Also, on each element map, areas of significant Ag anomalies greater than 1.5 ppm are highlighted in pink, to visually indicate where anomalous values for each of the other elements correlate with elevated Ag. Geochemical results for additional elements that may be of interest to the reader are tabulated in Appendix I.

All of the plotted elements show moderate to strong correlation with anomalous Ag (pink highlights) except for Ba. The multi-element anomalies are concentrated in two areas; in the central part of the soil line a nearly continuous anomaly extends for 770 m in a roughly east-west direction, and at the east end of the soil line a three-station anomaly extends 140 m and remains open to the east. Since there is only one soil line the anomalies are open to expansion to the north and south and additional sampling is required to close them off.

Elements that show the strongest correlation with Ag are Au, Sb, Hg and Mo. The stations with anomalous As, Pb, Zn, Cu and Fe also coincide well with Ag highs, but in addition they also show a multi-element anomalous area to the southwest of the eastern anomaly, which also partially coincides with elevated Ba. A few of the samples are very strongly anomalous, with highs such as 6.28 ppm Ag, 548 ppm As, 62.1 ppm Sb, 385 ppm Pb, 962 ppm Zn, 306 ppm Cu and 9.13% Fe. Values of this tenor suggest that mineralization should be located very close to the anomalous sample stations, near the ridge top.

There are no known Minfile mineral occurrences in the areas of the two soil anomalies and the nearest rock samples collected in 2016 were about 1 km to the north and 900 m to the south, from which only one sample, out of the eleven collected, returned anomalous values, including 15.3 ppm Ag, 8500 ppm Cu and 3680 ppm Ba. The area in which the soil anomalies occur is mapped on regional geology maps as Stuhini Group marine sedimentary and volcanic rocks, about 1 km east of the contact with Hazelton Group rocks; however, there has been no detailed mapping in this area and thrust faulting is known to occur nearby, so it is possible that some of the underlying rocks could belong to Hazelton Group.

Three soil samples collected during reconnaissance work on a ridge top, about 1 km east of the property boundary, returned anomalous values for Ag, Au, As, Sb, Hg, Pb Mo and Fe. This anomaly is on claims held by others and there are no reported mineral showings in this area.

Three stream sediment samples were collected about 1 km south of the east end of the reconnaissance soil line, from creeks that drain a southwest-facing slope. The three close-spaced streams returned anomalous sediment values for Pb, up to 74.6 ppm and Zn, up to 425 ppm, however all other element values were relatively low. The creeks originate from an area covered by glacial ice and snow, so it is possible that a mineralized source for the anomaly could be located under the ice.

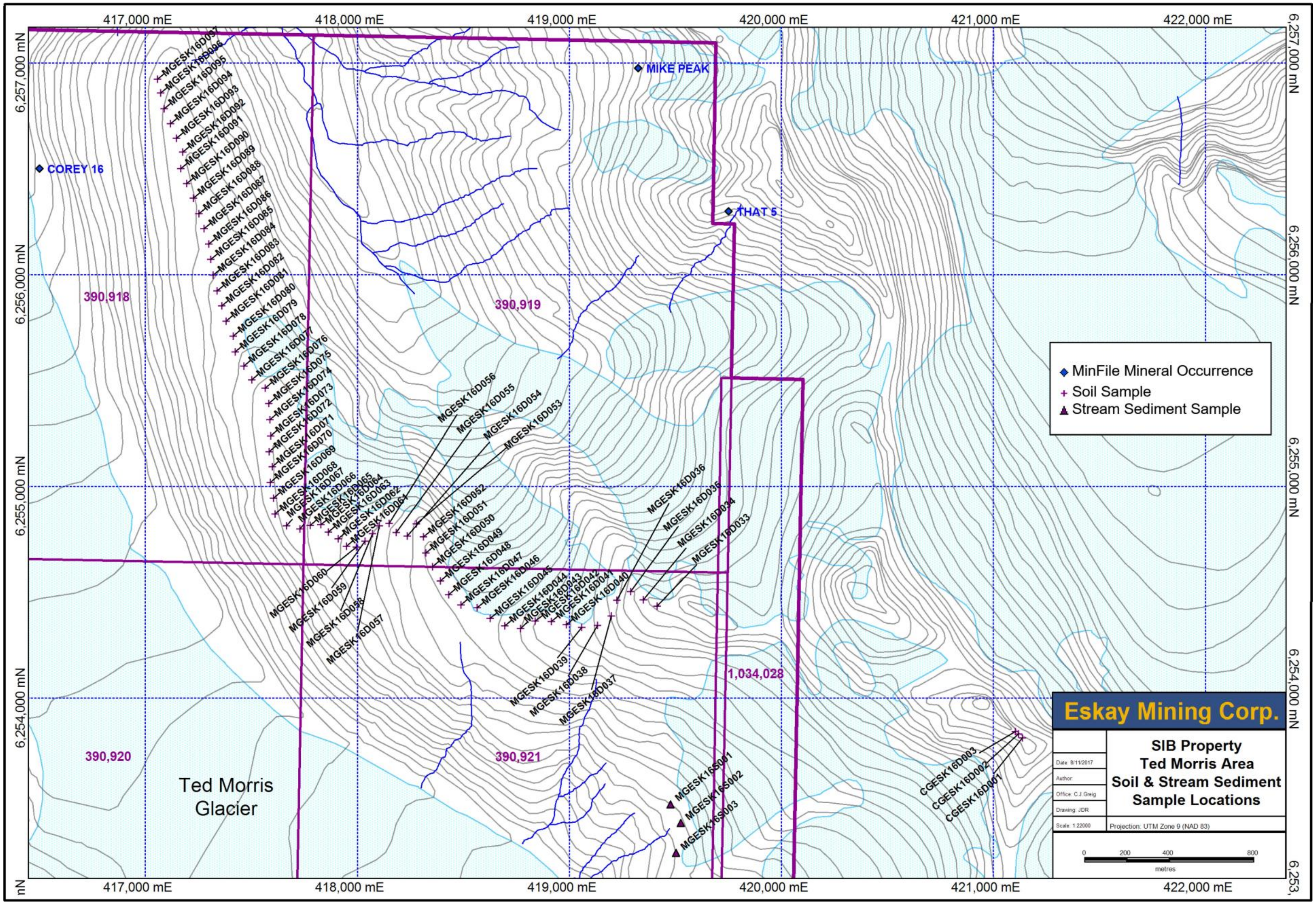

Figure 12. Ted Morris area soil sample and stream sediment sample locations with Minfile mineral occurrences

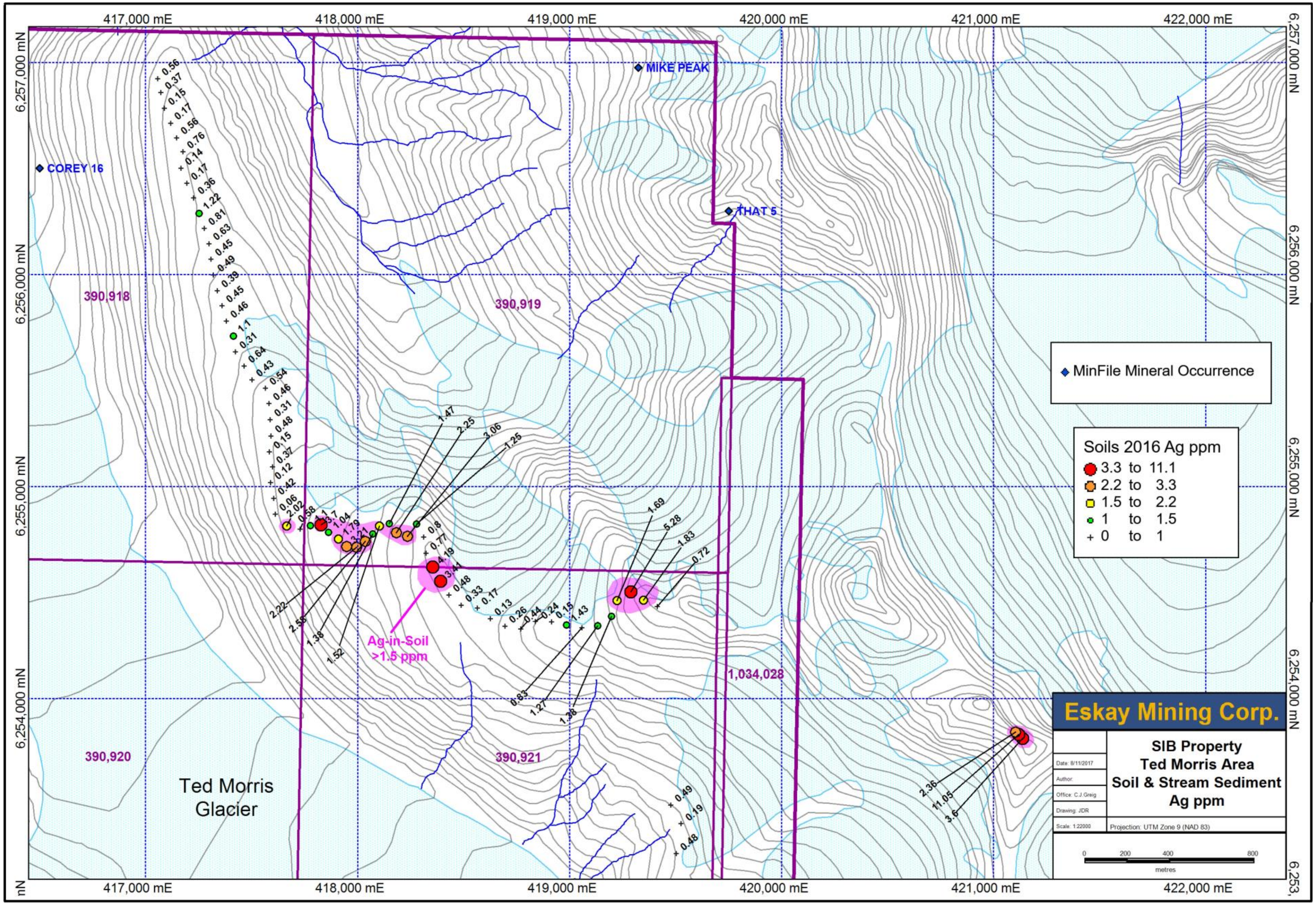

Figure 13. Ted Morris area soil and stream sediment sample silver values

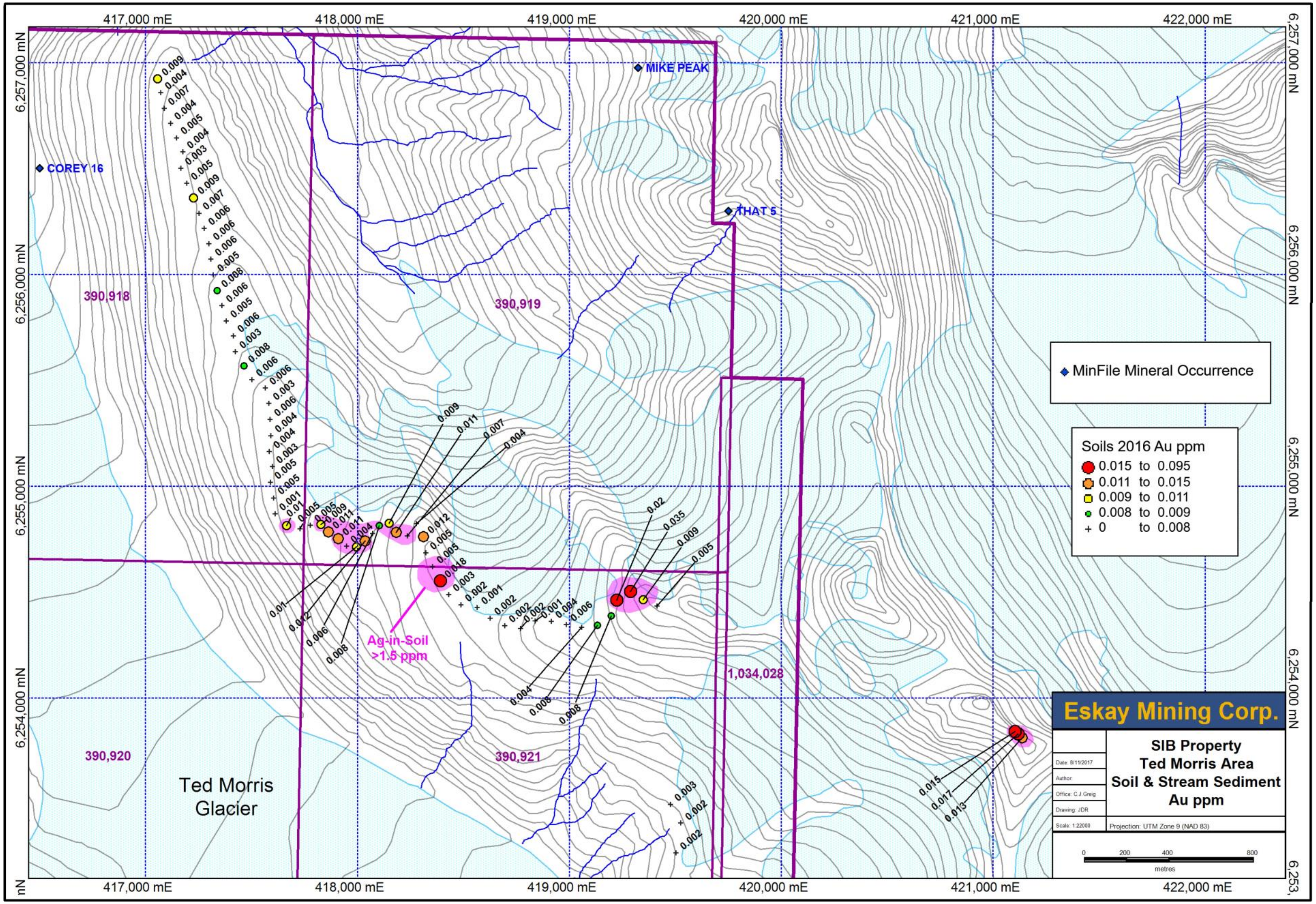

Figure 14 Ted Morris area soil and stream sediment sample gold values

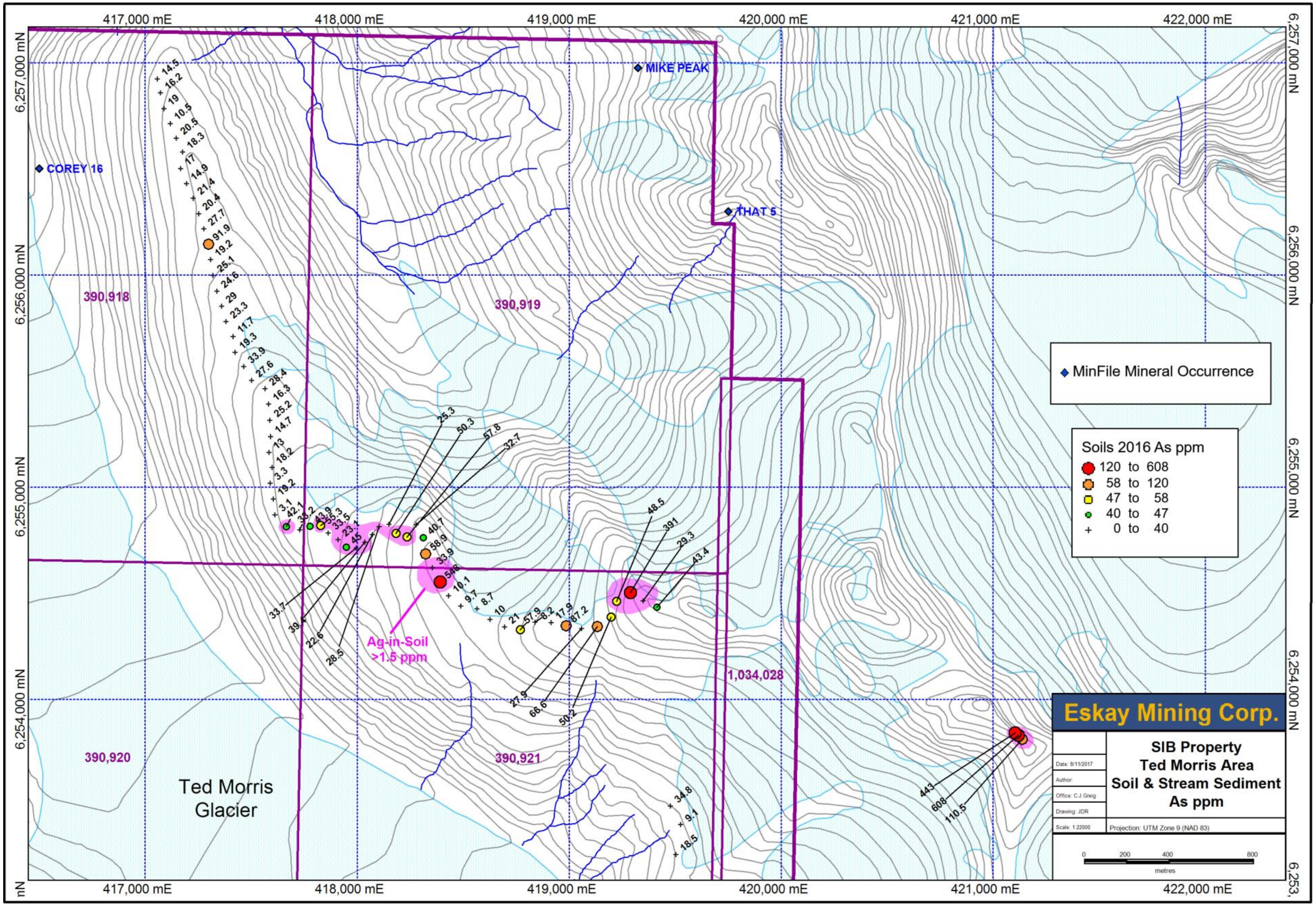

Figure 15. Ted Morris area soil and stream sediment sample arsenic values

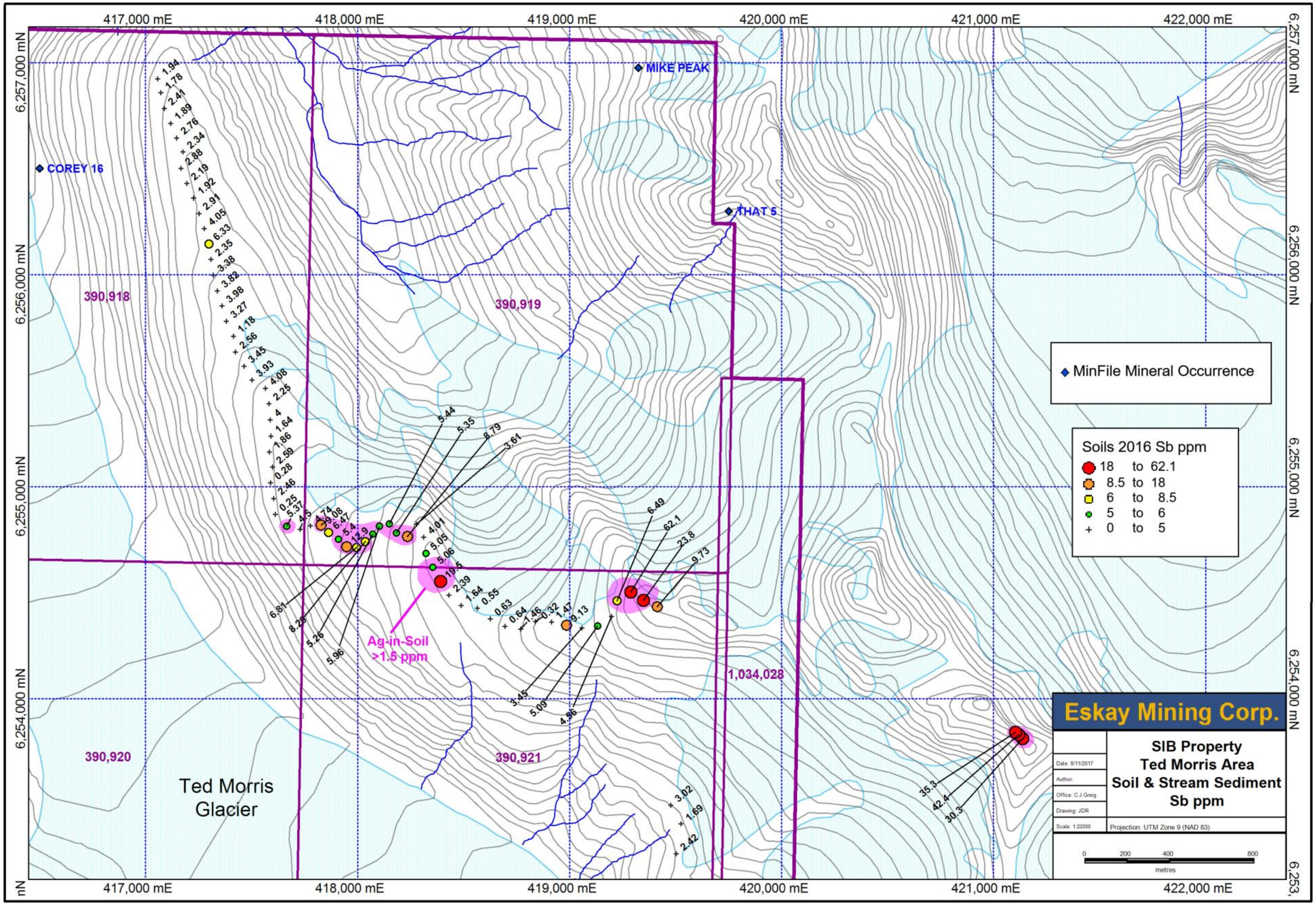

Figure 16. Ted Morris area soil and stream sediment sample antimony values

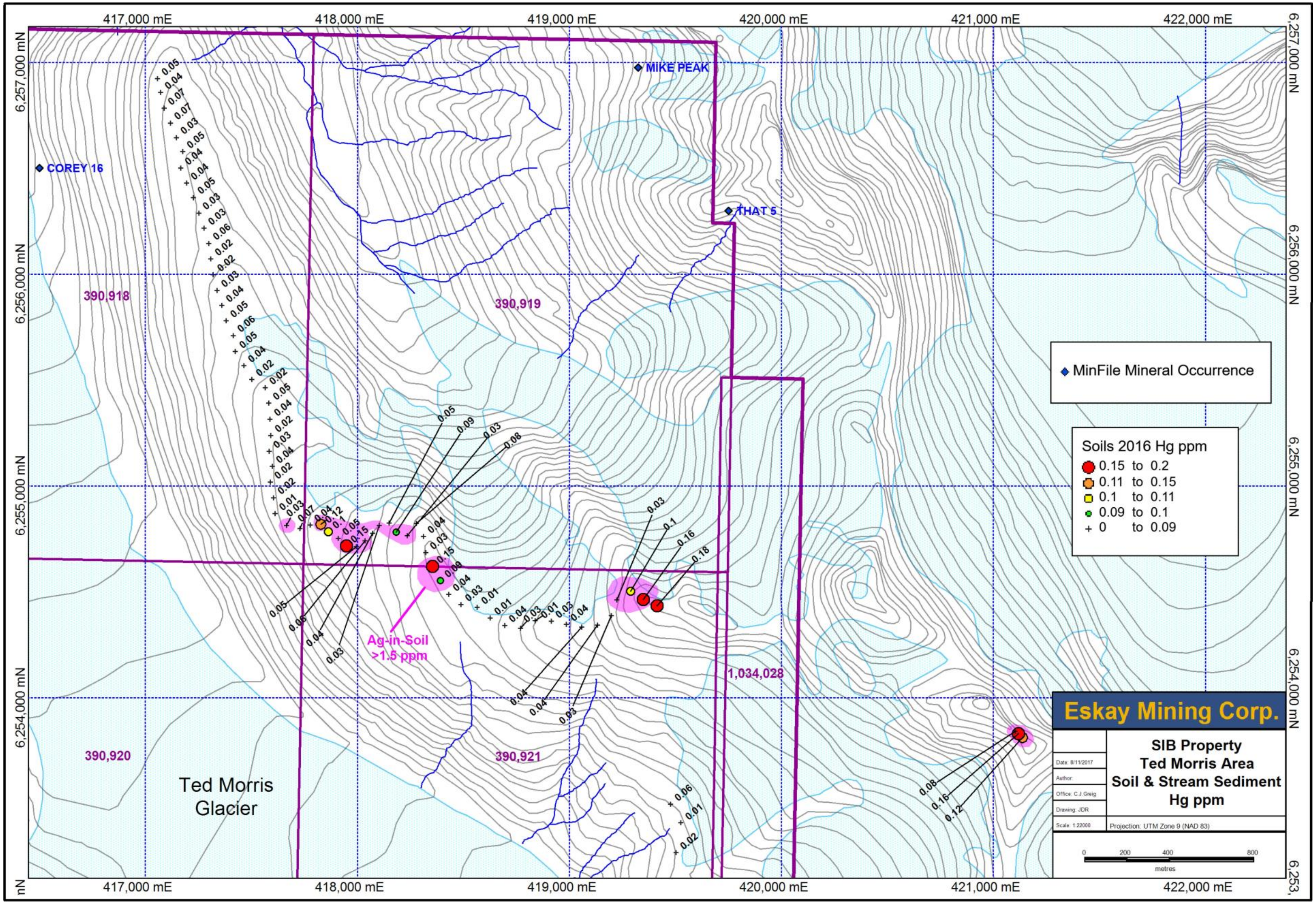

Figure 17. Ted Morris area soil and stream sediment sample mercury values

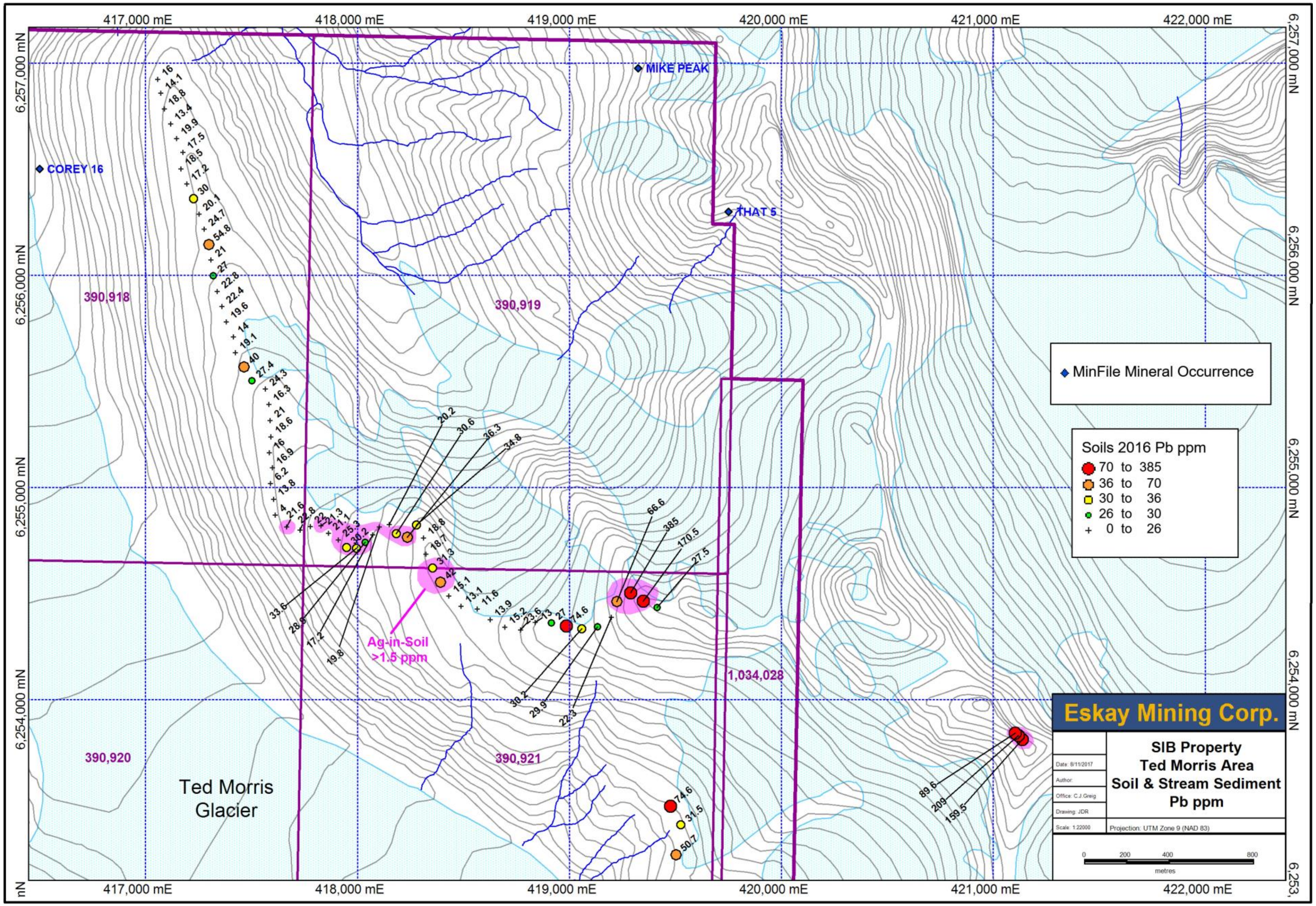

Figure 18 Ted Morris area soil and stream sediment sample lead values

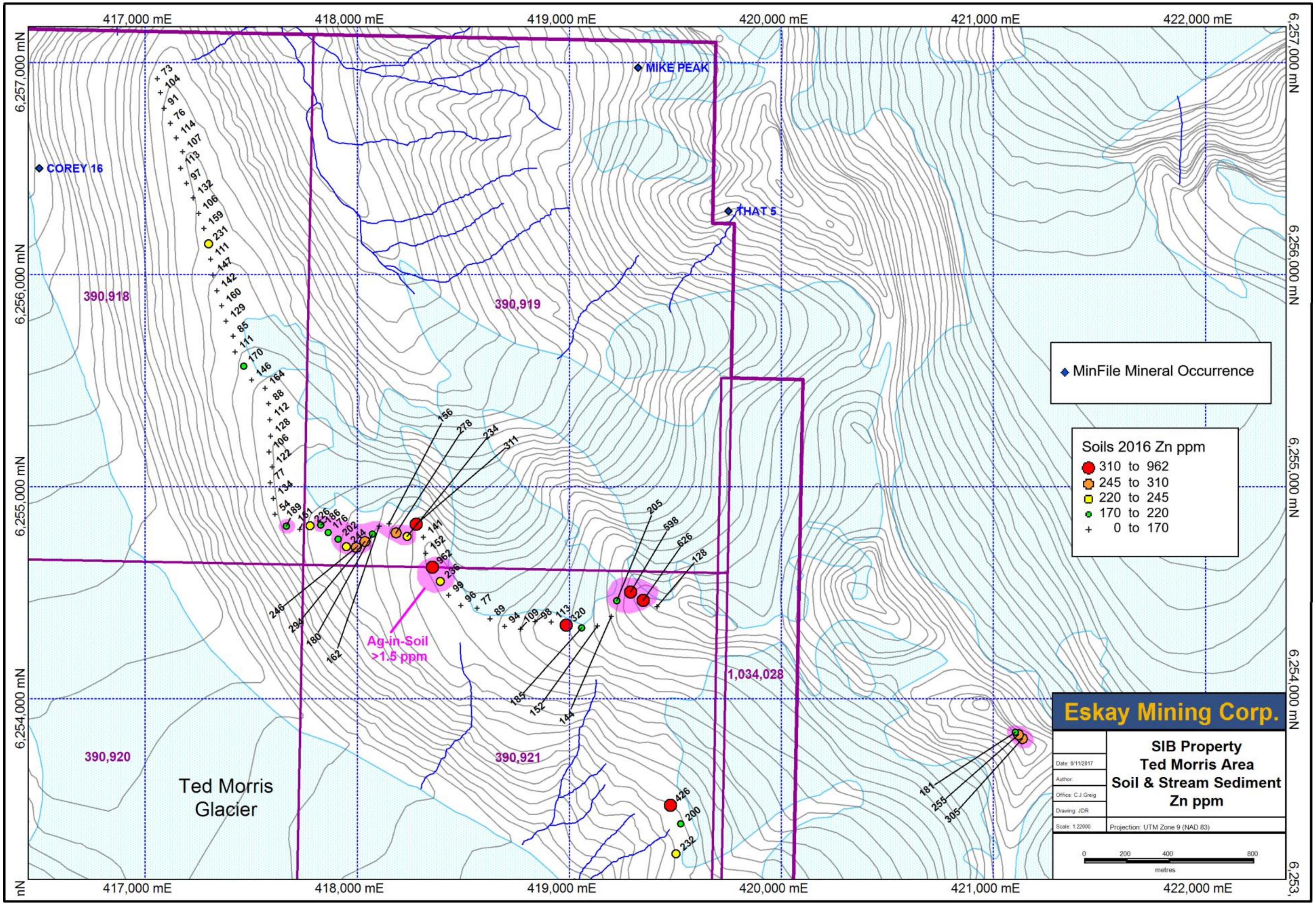

Figure 19. Ted Morris area soil and stream sediment sample zinc values

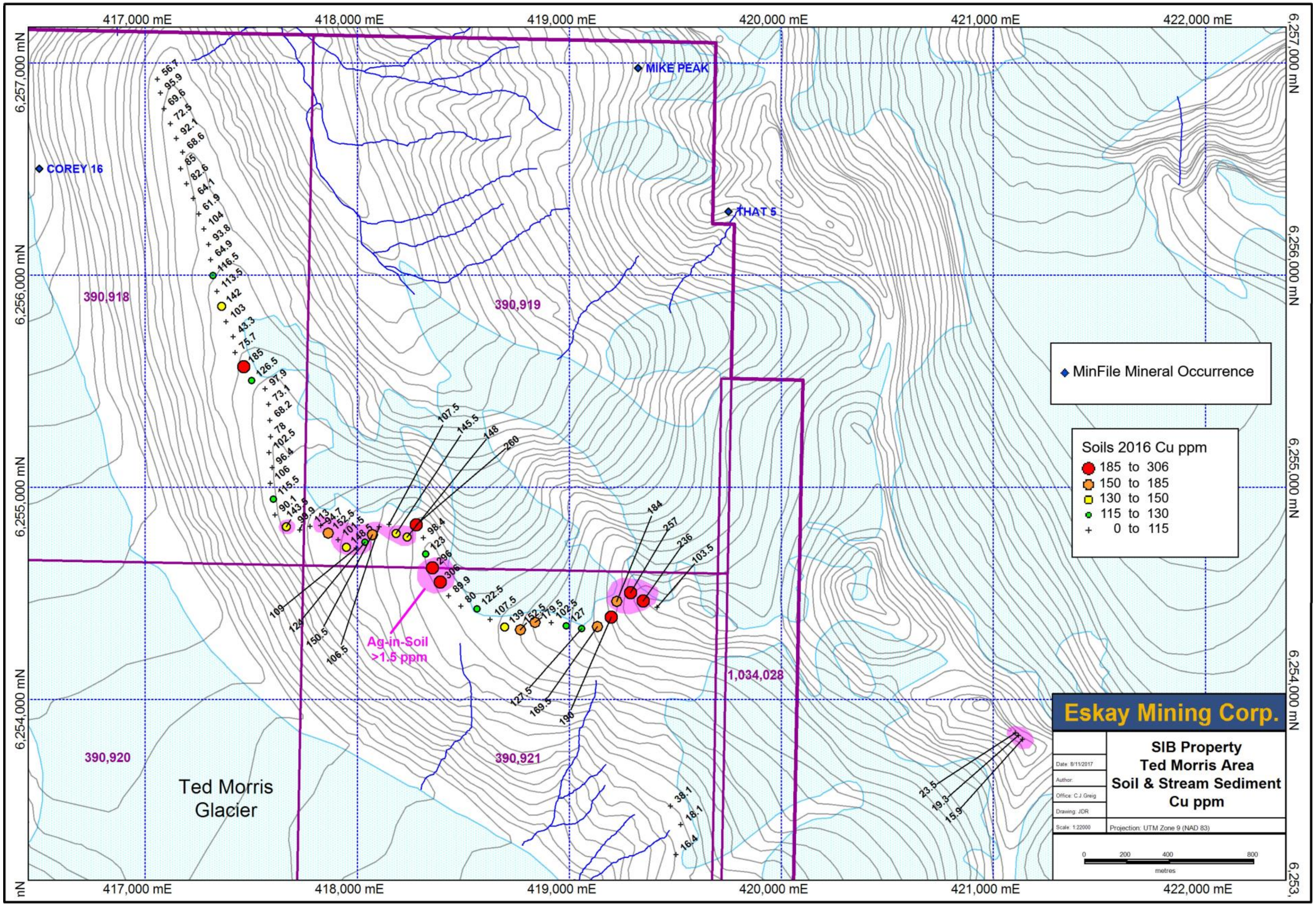

Figure 20. Ted Morris area soil and stream sediment sample copper values

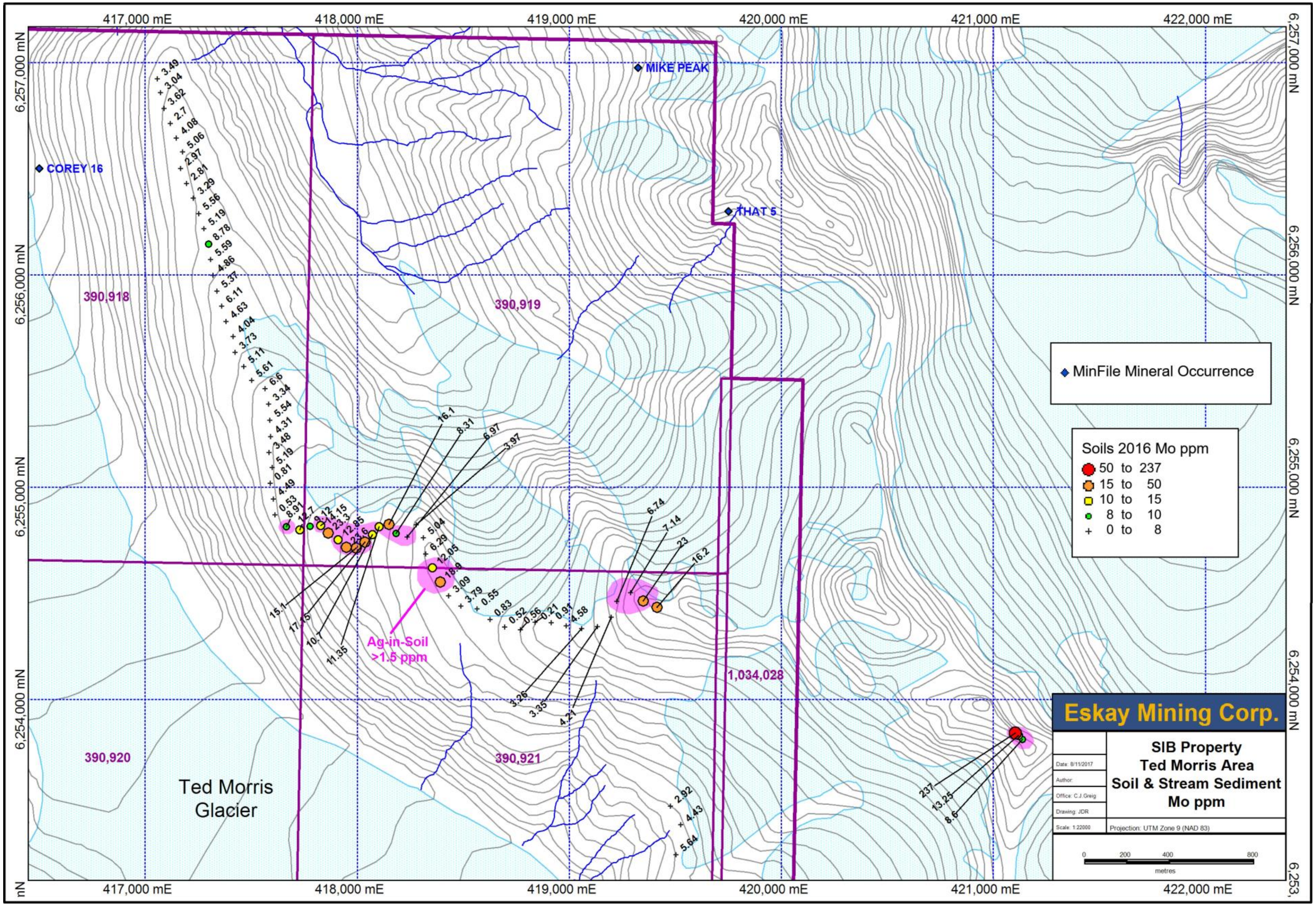

Figure 21. Ted Morris area soil and stream sediment sample molybdenum values

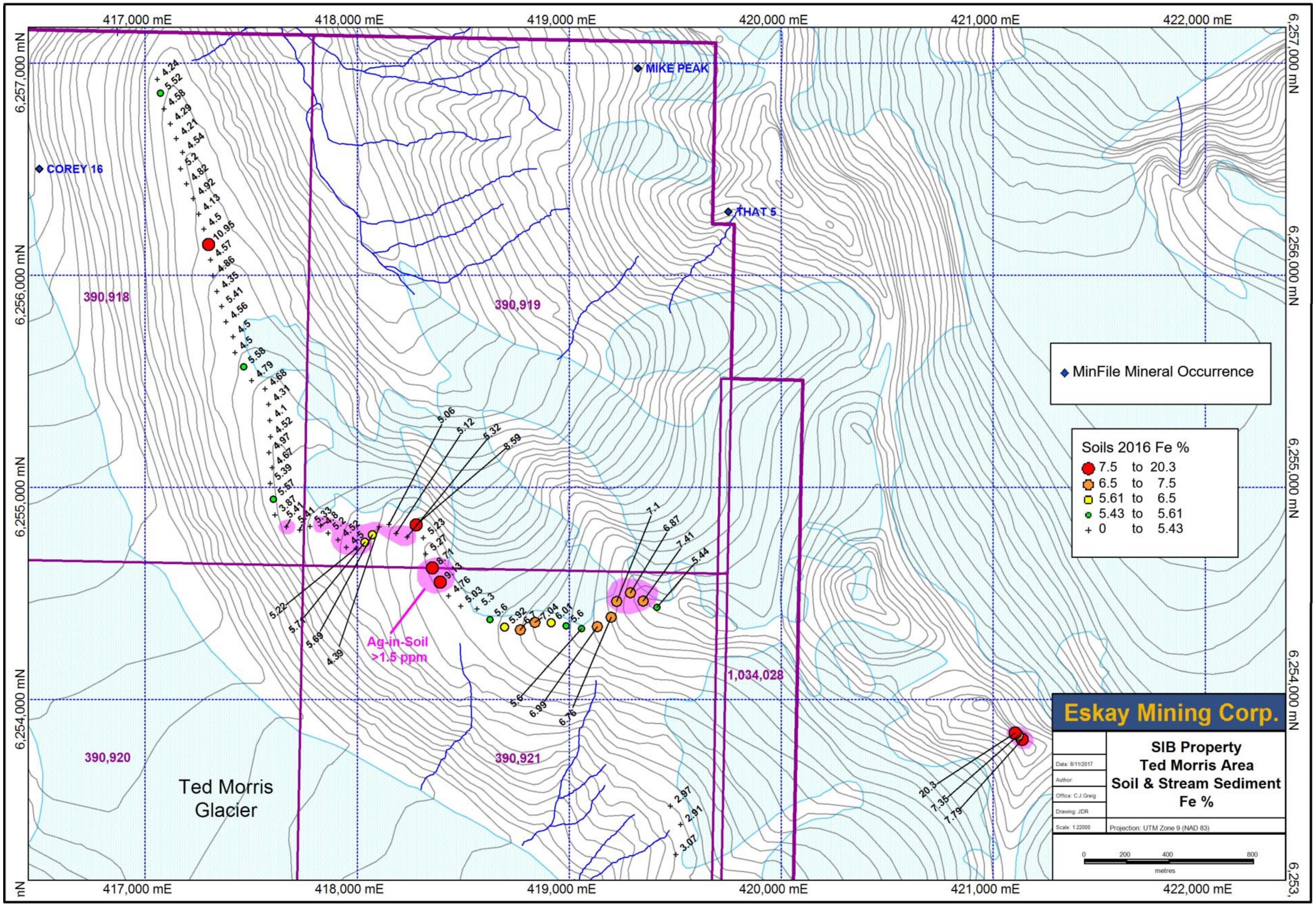

Figure 22. Ted Morris area soil and stream sediment sample iron values

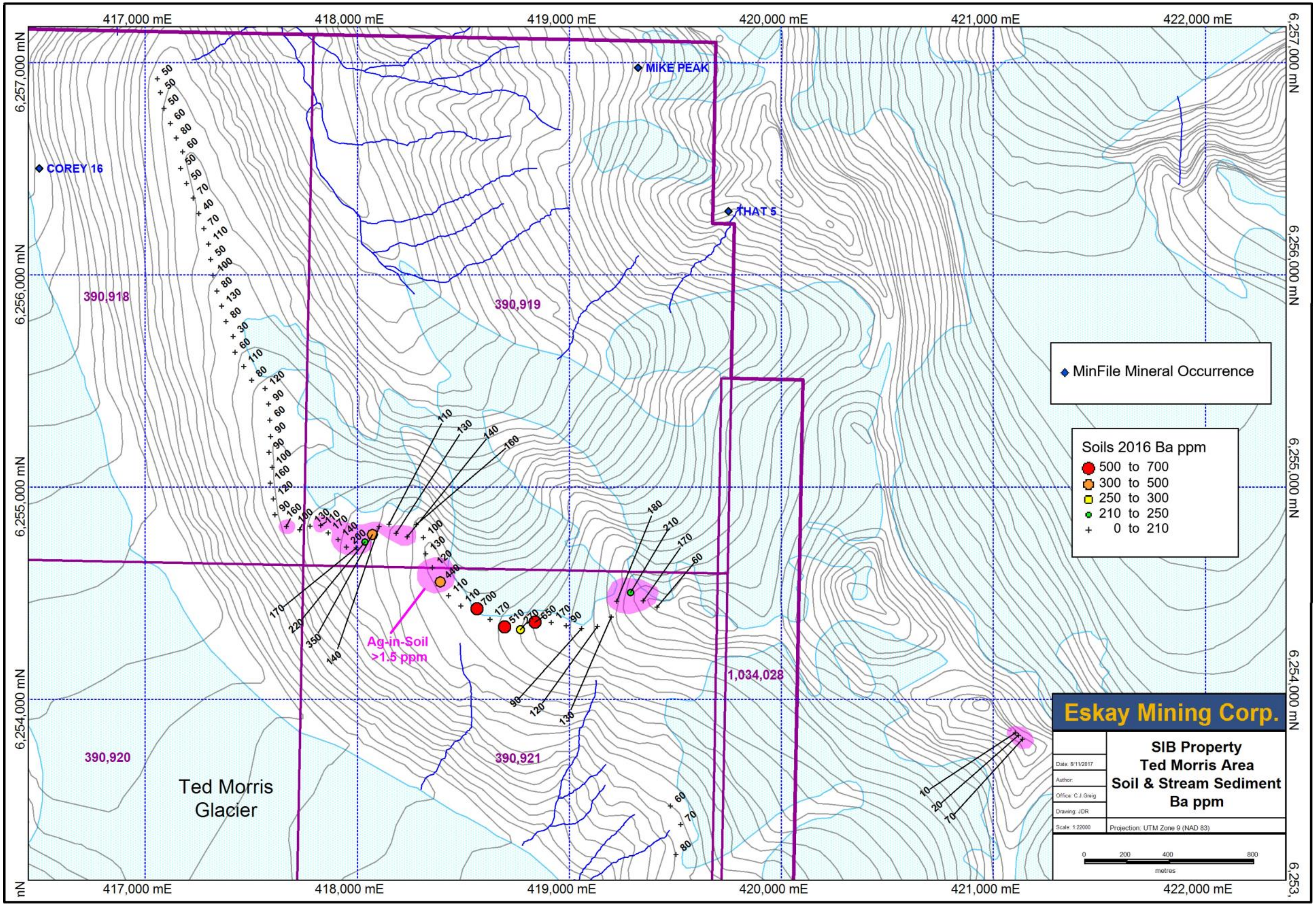

Figure 23. Ted Morris area soil and stream sediment sample barium values

9.0 Rock Geochemistry

Rock sampling was undertaken during geological reconnaissance and prospecting in a number of locations within the project area that are underlain by rocks mapped as Hazelton Group to the west of the Ted Morris glacier and by Stuhini Group rocks east of Ted Morris glacier.

9.1 Geochemical Sampling Procedure & Analytical Techniques

Between August 2 and August 31, 2016 two geologists and one prospector from C.J. Greig & Associates Ltd. conducted geological reconnaissance and collected 126 rock samples in a region encompassing about 35 square kilometres that surrounds the Ted Morris glacier. Some of the work was undertaken near known Minfile mineral occurrences, while some was prompted by prospective-looking gossanous outcrops. The work was concentrated in two areas west of the glacier that are underlain by Hazelton Group rocks and in two areas east of the glacier that are mapped as Stuhini Group lithologies.

Rock samples typically consisted of grab chips from float or outcrop that commonly contained veins or disseminations of sulphide minerals, or sometimes oxidized mineralization. For each sample the geologic details were described, including host rock type, any alteration observed, sulphide minerals recognized, style of mineralization, structure types and orientations, as well as comments providing more detailed information. This data, as well as UTM coordinates for each sample, is listed in Appendix III. All field measurements and figures use NAD83, Zone 9 datum.

Rock samples were placed in heavy plastic bags marked with identifying numbers, packed in sacks and transported to the offices of ALS Global Laboratories in North Vancouver, B.C. for analysis of trace level gold (code ICP22) and 33 additional elements (code ME-ICP61).

At the lab, rock samples were dried and crushed to 70% <2 mm, riffle split to a 250 g lot, which was pulverized to 85% <75 microns. From each sample pulp, 50 grams of -75 micron-size material was analyzed for Au content (0.001 ppm to 10 ppm detection range) by fire assay and ICP-AES. As well, a suite of 33 additional elements was analyzed by dissolving at least 1 g of <75 micron pulp in four acid solution and testing by ICP. Four acid digestions are able to dissolve most minerals, but although the term “near-total” is used by the lab, not all elements are quantitatively extracted in some sample matrices. Any samples that returned >10.0 ppm Au (upper detection limit) or >10,000 ppm base metals were re-assayed with higher detection limits to provide a more accurate value.

No blank samples were submitted with the field samples, as these were for reconnaissance information only; however, the laboratory conducts its own internal QA/QC testing to ensure that their equipment is properly calibrated and providing accurate results. The UTM co-ordinates and laboratory analytical results for the 126 rock samples are attached in Appendix II.

9.2 Evaluation of Rock Geochemical Results

The results of the rock sample analyses were used to produce a correlation matrix using 13 of the elements that were analyzed, which are believed to be relevant elements for this exploration environment. The matrix is shown below in Table 3, with positive values greater than 0.40 highlighted in yellow and values between 0.2 and 0.4 highlighted in green. There appear to be four groupings of elements with moderate to strong correlations. There is a strong correlation between Au and As, with weakly associated Ag and Bi. A second grouping shows strongly correlated Pb, Zn and Sb with moderate Ag correlation. There is another correlation between the elements Cu, Ag, Bi and Fe with weak W. And the fourth strong correlation is between Ba and K, which show negative correlations with all the other elements.

The suite of elements associated with Au and As are likely indicative of precious metal-bearing quartz-arsenopyrite veins; the lack of other associated base metals probably rules out VMS-style mineralization. The Pb-Zn-Sb-Ag assemblage could be derived from VMS-style mineralization, or from veins. The Cu assemblage is probably vein type, together with the associated W suggests higher temperature, possibly intrusion related. The Ba-K association may be related to alteration zones peripheral to sulphide mineralized areas, or perhaps stratiform barite horizons deposited laterally from sulphide bodies.

	Au	*Ag*	*As*	*Ba*	*Bi*	*Cu*	*Fe*	*K*	*Mo*	*Pb*	*Sb*	*W*	*Zn*
Au	1												
Ag	0.110233	1											
As	0.609468	0.210254	1										
Ba	-0.14268	-0.13102	-0.19086	1									
Bi	0.108521	0.349522	0.418981	-0.15249	1								
Cu	-0.04043	0.770394	0.09992	-0.10554	0.411164	1							
Fe	0.077616	0.190944	0.12138	-0.47924	0.287561	0.350425	1						
K	-0.14726	-0.23167	-0.23261	0.489735	-0.14572	-0.19608	-0.40218	1					
Mo	-0.03703	-0.04787	-0.0546	-0.10733	-0.0368	-0.01502	-0.03083	-0.01557	1				
Pb	-0.0048	0.309564	0.072582	-0.05143	-0.02915	0.01603	-0.07484	-0.08336	-0.02345	1			
Sb	0.016182	0.388171	0.080528	-0.07148	-0.02799	0.017406	-0.08449	-0.10546	-0.02839	0.972192	1		
W	-0.03447	0.12199	0.246252	-0.13791	0.252127	0.130699	0.21177	-0.12549	0.033035	-0.02035	-0.02235	1	
Zn	-0.02102	0.249418	0.065631	-0.06238	-0.02874	0.017766	-0.0608	-0.08402	-0.02984	0.958135	0.923496	-0.02119	1

Element Associations

Au-As-(Ag-Bi)
Pb-Zn-Sb-Ag
Cu-Ag-Bi-Fe-(W)
Ba-K

Table 3. Rock Sample Geochemistry Correlation Matrix

Rock samples are displayed on maps that cover three separate areas; area 1 (TM NW) is northwest of Ted Morris glacier, area 2 (TM SW) is southwest of the glacier and area 3 (TM E) includes all samples east of the glacier (fig. 10). For each area there are eleven figures that include a sample location map and element value maps for Ag, Au, As, Sb, Pb, Zn, Cu, Mo, Fe and Ba. For each element map the anomalous values are depicted by increasing symbol sizes and colours, ranging from small green diamonds for weakly anomalous, to large red diamonds for the strongest anomalies. Due to the limited sample population the author has chosen anomalous categories based on personal experience and other rock geochemical values in the region. Geochemical results for additional elements that may be of interest to the reader are tabulated in Appendix II.

Rock geochemical maps for the northwest area (TM NW) are shown on Figures 24 to 34. The samples are concentrated around the Red Lightning and GFJ mineral occurrences and extend in a belt southeastward toward the TM occurrence. Some of the well mineralized samples collected from the TM NW area are shown in the following table.

SAMPLE	Au	Ag	As	Ba	Bi	Cu	Fe	Mo	Pb	Sb	W	Zn
DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SR-ESK-2016-076	0.023	2.00	69	1870	<2	376	4.11	1	922	331	<10	151
SR-ESK-2016-080	2.010	53.60	3010	20	15	1180	23.8	<1	8	16	<10	143
CB-16-019	0.177	7.80	22	2140	3	304	1.11	2	1160	215	<10	2670
CB-16-024	0.199	85.20	38	110	4	2040	2.83	<1	7	976	<10	164
CB-16-026	4.010	7.80	>10000	130	34	65	8.7	<1	23	84	<10	29
CB-16-030	12.250	150.00	3870	30	250	36500	45.9	<1	71	32	340	412
CB-16-031	11.250	7.60	>10000	60	28	520	6.7	<1	68	24	<10	19
CB-16-033	11.600	16.60	>10000	60	312	4210	23.1	<1	37	24	40	112
CB-16-044	0.250	91.70	67	790	<2	2500	2.12	<1	8520	1960	10	4770
CB-16-047	0.973	7.20	>10000	1200	79	472	7.68	1	70	18	20	114
CB-16-048	14.250	38.30	>10000	60	172	4910	23.1	<1	78	32	8810	127
CB-16-051	7.460	18.70	>10000	280	47	99	11.25	<1	90	39	40	32
CB-16-052	7.350	13.90	>10000	60	49	17	16.9	5	307	153	<10	33

Table 4. Selected rock sample analytical results from TM NW area

Strongly anomalous Ag values, >20 ppm, (fig. 25) are located in two areas; near the northern mineral showings and about 400 m to the south of the showings, near the mountain peak. Strongly anomalous Au values, >1.0 ppm, (fig. 26) occur in the same areas, typically associated with moderately to strongly anomalous Ag. Anomalous As, >4000 ppm, (fig. 27) also is found in the same rock samples that contain anomalous Au and Ag. Anomalous Cu values, >2000 ppm, (fig. 31) were returned from the same two areas, however, not always from the same samples that have elevated Ag, Au, As. Strongly anomalous Sb, >900 ppm, (fig. 28) occurs in just two rock samples, both of which have high Ag and Cu values, however, moderately elevated Sb is common in most of the Au-Ag anomalous rocks. Two strongly anomalous Zn values, >2000 ppm, (fig. 30) occur near the GFJ showing as well as one sample located 600 m to the southeast. Strongly anomalous Pb, >2000 ppm, is closely correlated with the high Zn. A large percentage of the samples in this map area returned strongly anomalous Fe, >10%, (fig. 33) with the highest values typically coinciding with several other anomalous elements. Mo values were all background level. Ba values (fig. 34) are generally low, but an area of weakly anomalous (1000-2200 ppm) values in the southern part of the sampled area is significant because of coincident moderately to strongly anomalous Cu, Pb, Zn, Sb and Ag that could be indicative of VMS-type mineralization.

Descriptions for all rock samples are provided in Appendix III. The well mineralized samples are all described as veins, generally consisting of white quartz, some with intergrown bands of siderite and local iron and manganese oxides, with minor chlorite and possible actinolite. Some quartz veins display comb texture. Quartz veins range from narrow stringers to 75 cm in width. Some of the larger veins are enveloped by possible stockworks of mineralized quartz veinlets.

Arsenopyrite is common in the veins, up to 10% or more, as is pyrite and less commonly, chalcopyrite. Sulphides typically occur in bands along vein selvages. Less common are quartz veins containing galena, sphalerite, chalcopyrite and chalcocite in silicified rocks. Host rocks generally consist of sericitized or carbonate altered mafic lapilli tuff that is typically strongly stained by manganese oxide, often over widths of several metres. Some limonitic clay alteration was observed. A hornblende phyric dyke was noted near one sample.

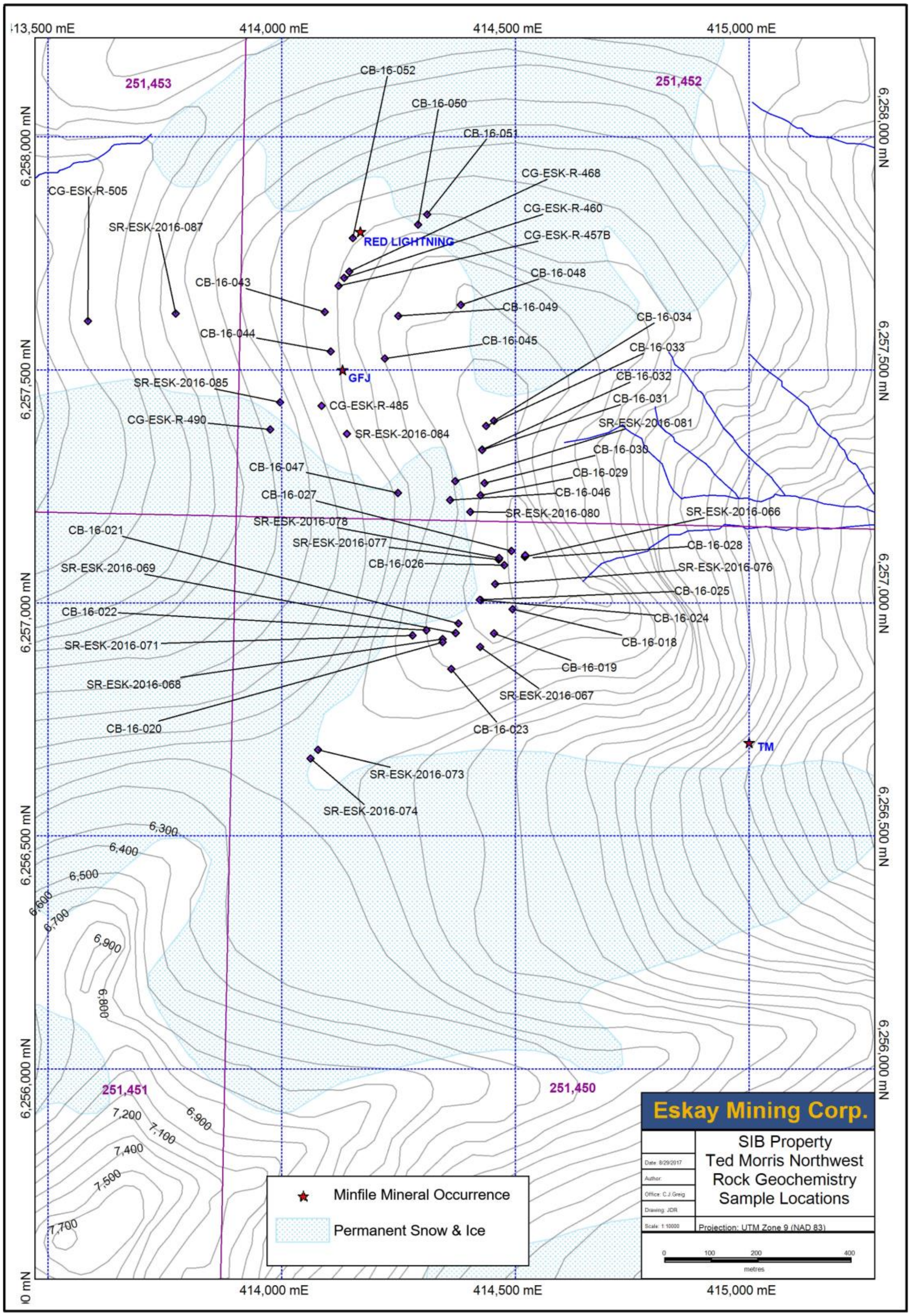

Figure 24. Ted Morris Northwest rock sample locations with Minfile mineral occurrences

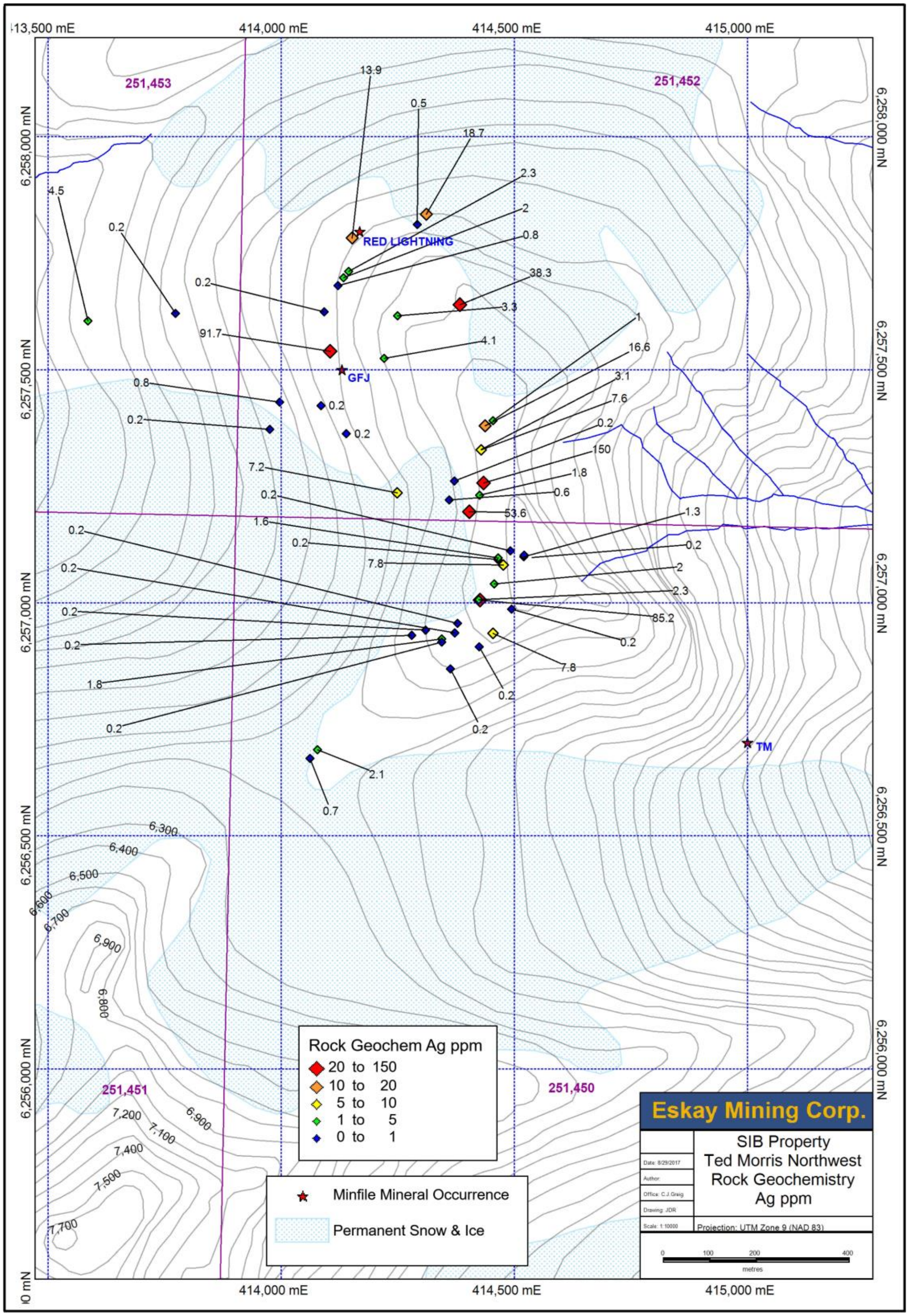

Figure 25. Ted Morris Northwest rock sample Ag values with Minfile mineral occurrences

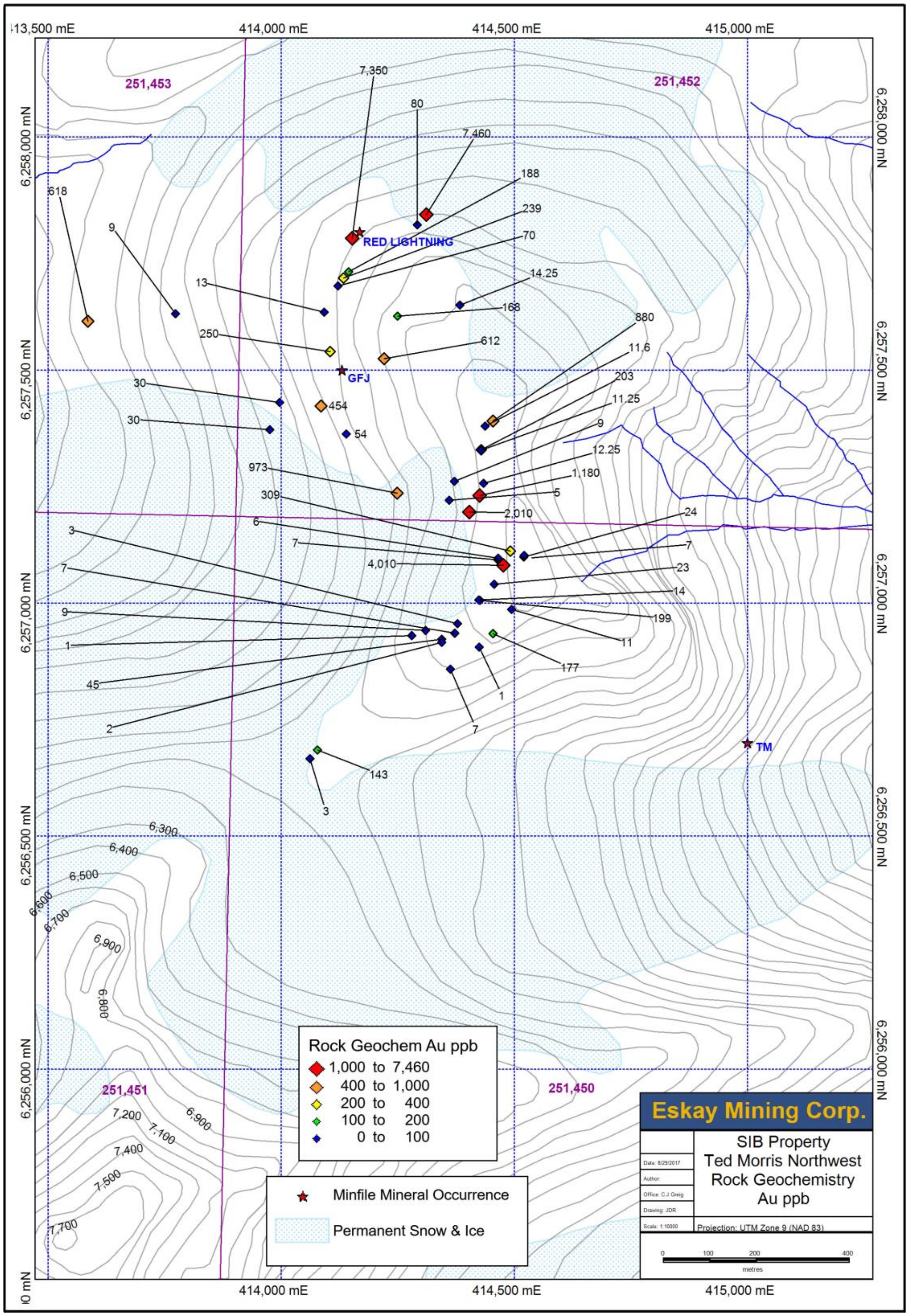

Figure 26. Ted Morris Northwest rock sample Au values with Minfile mineral occurrences

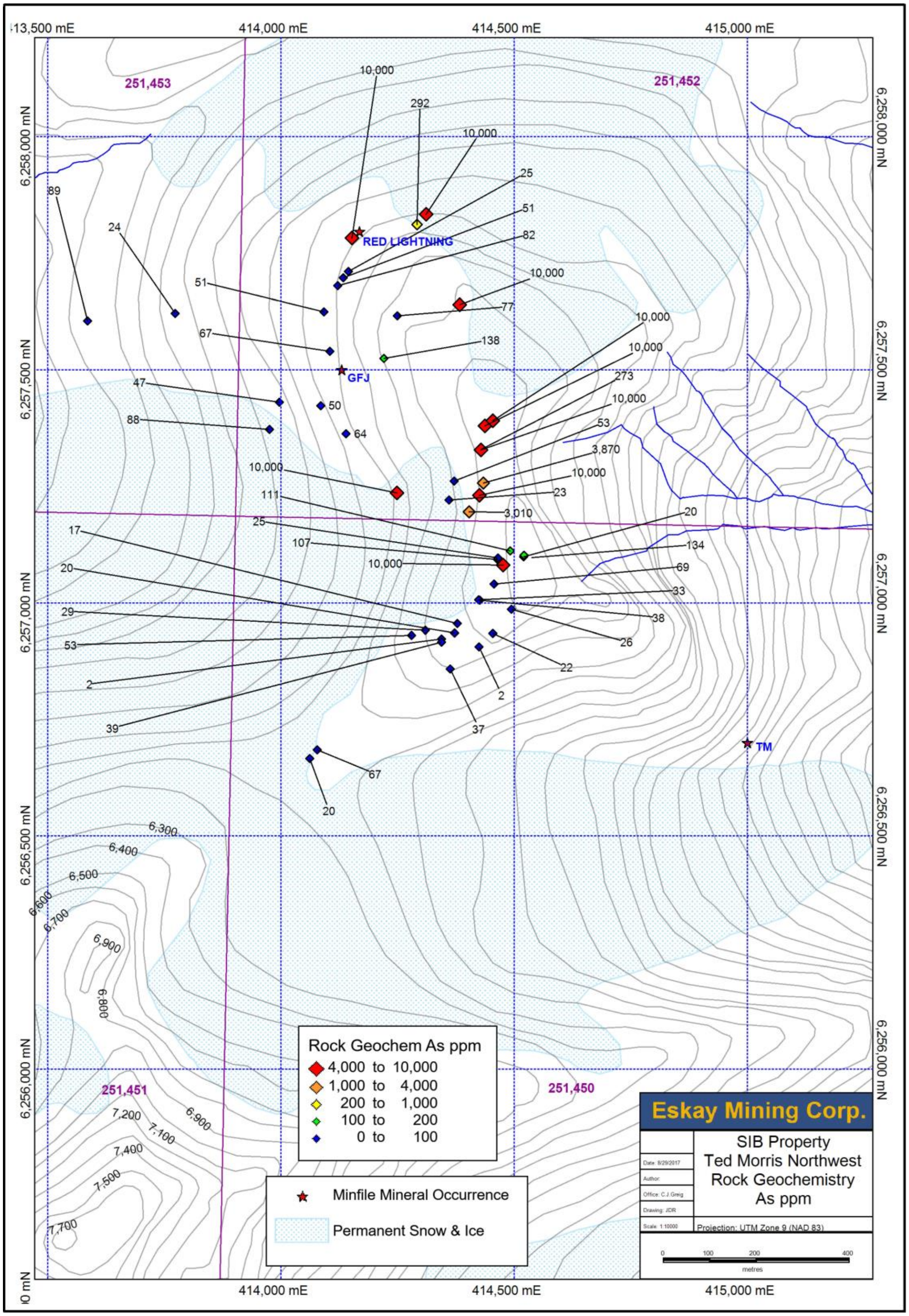

Figure 27. Ted Morris Northwest rock sample As values with Minfile mineral occurrences

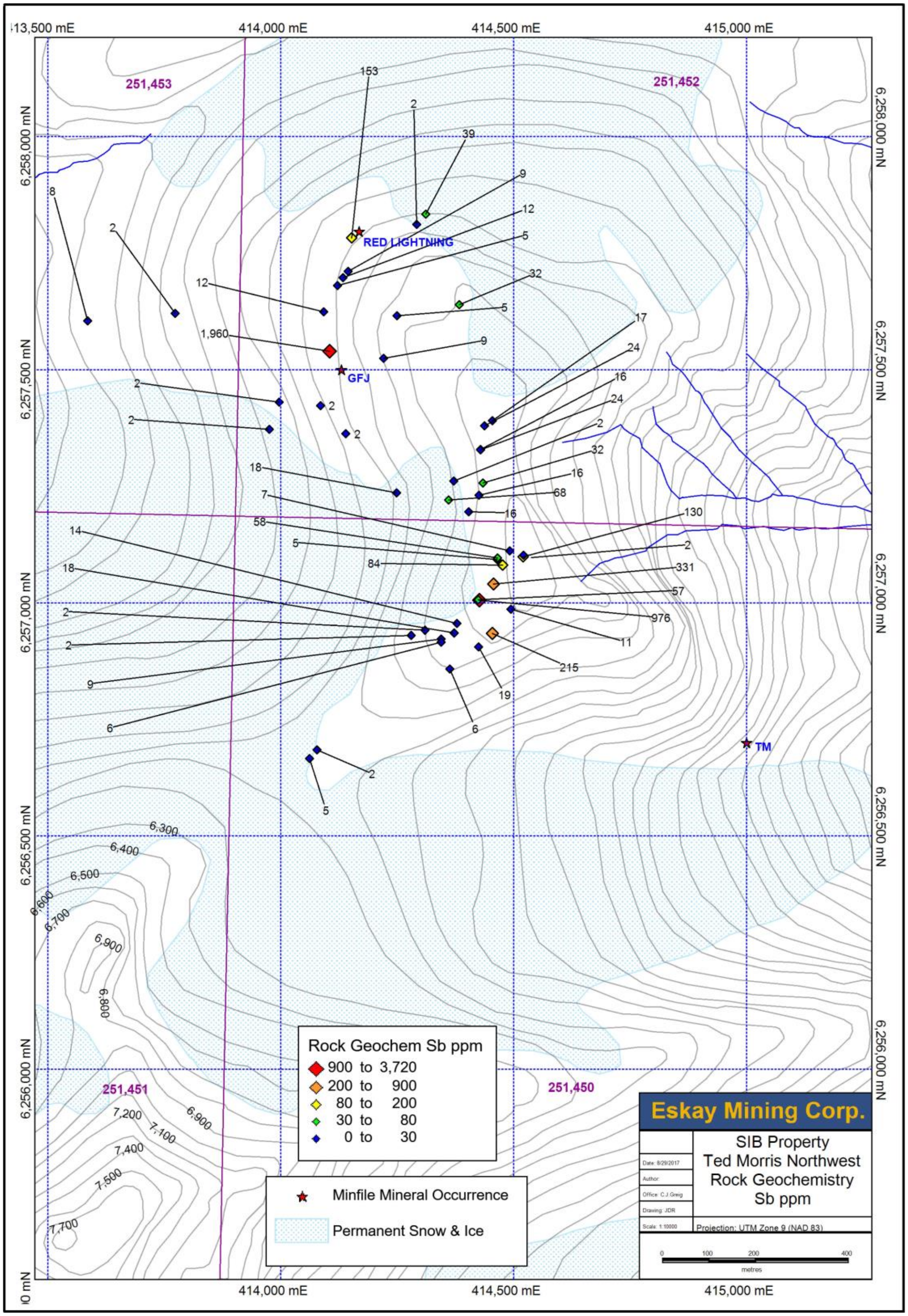

Figure 28. Ted Morris Northwest rock sample Sb values with Minfile mineral occurrences

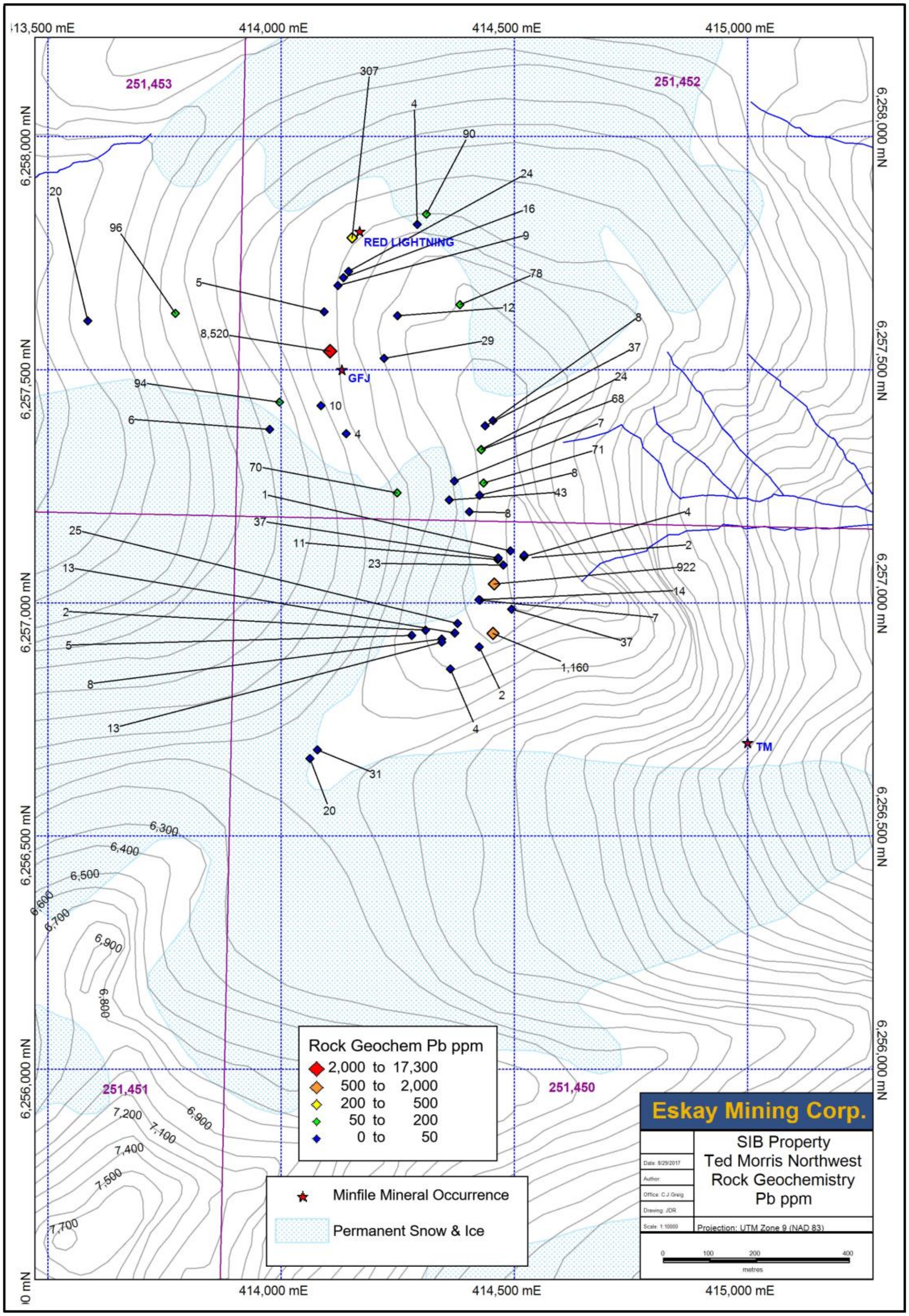

Figure 29. Ted Morris Northwest rock sample Pb values with Minfile mineral occurrences

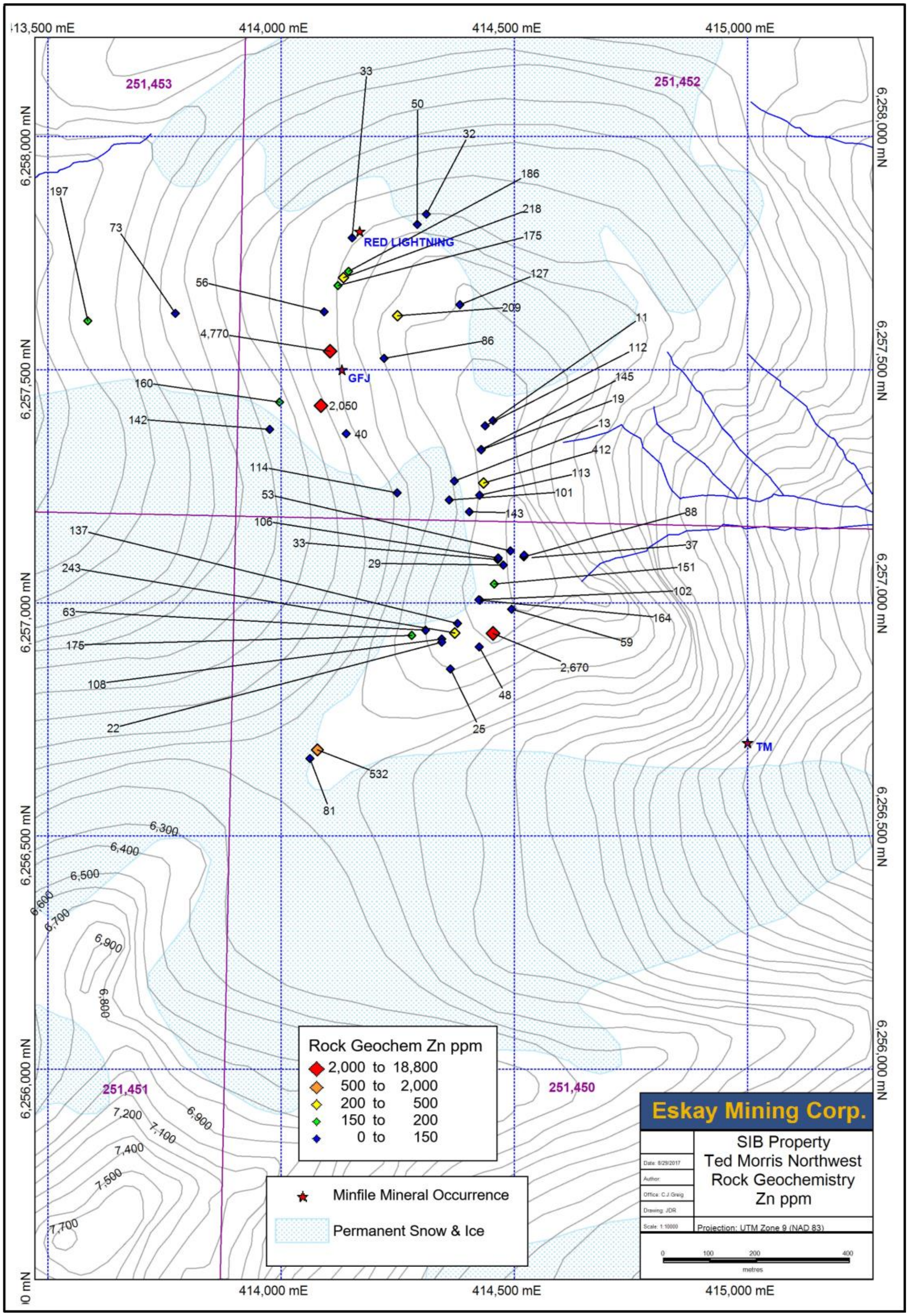

Figure 30. Ted Morris Northwest rock sample Zn values with Minfile mineral occurrences

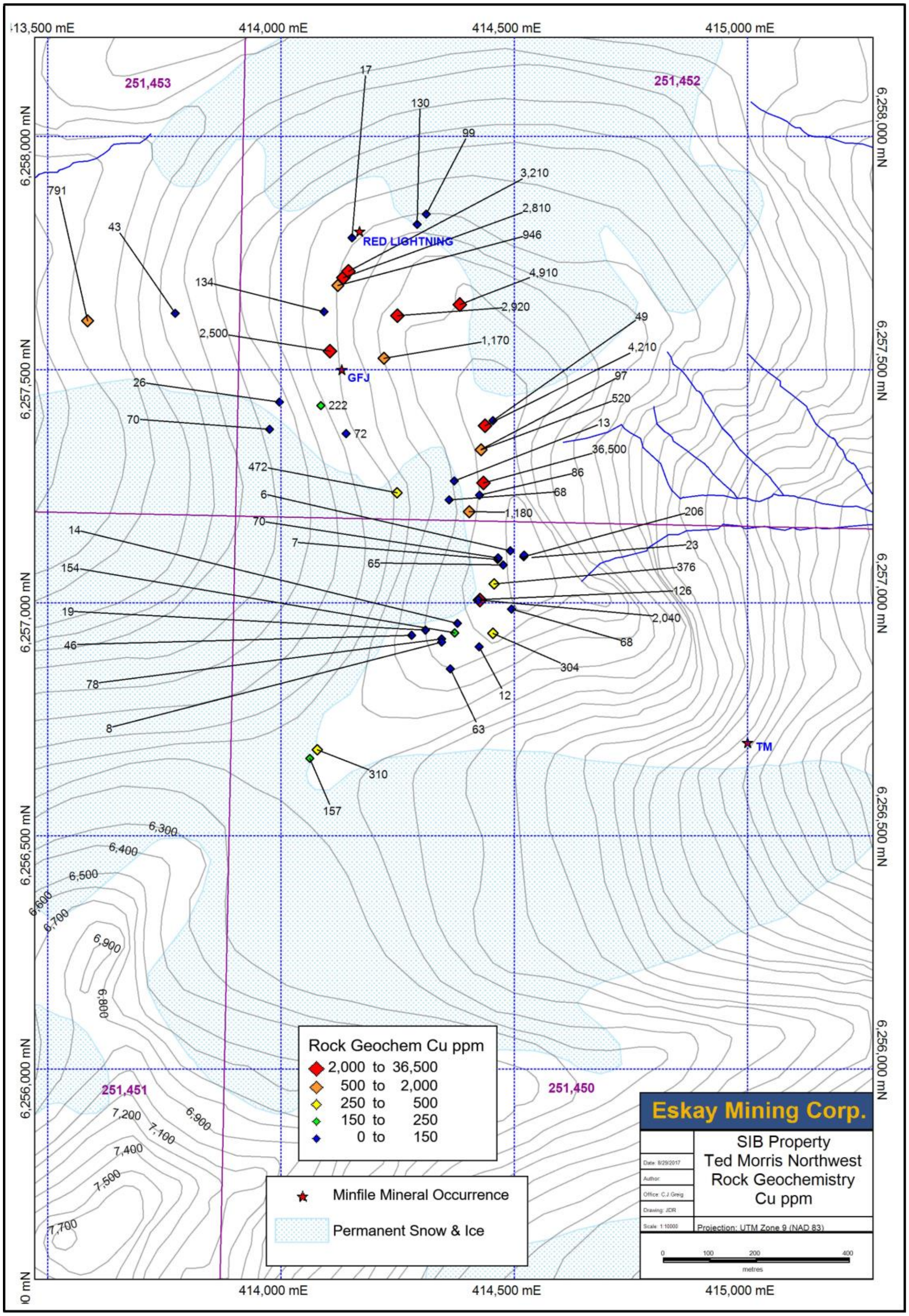

Figure 31. Ted Morris Northwest rock sample Cu values with Minfile mineral occurrences

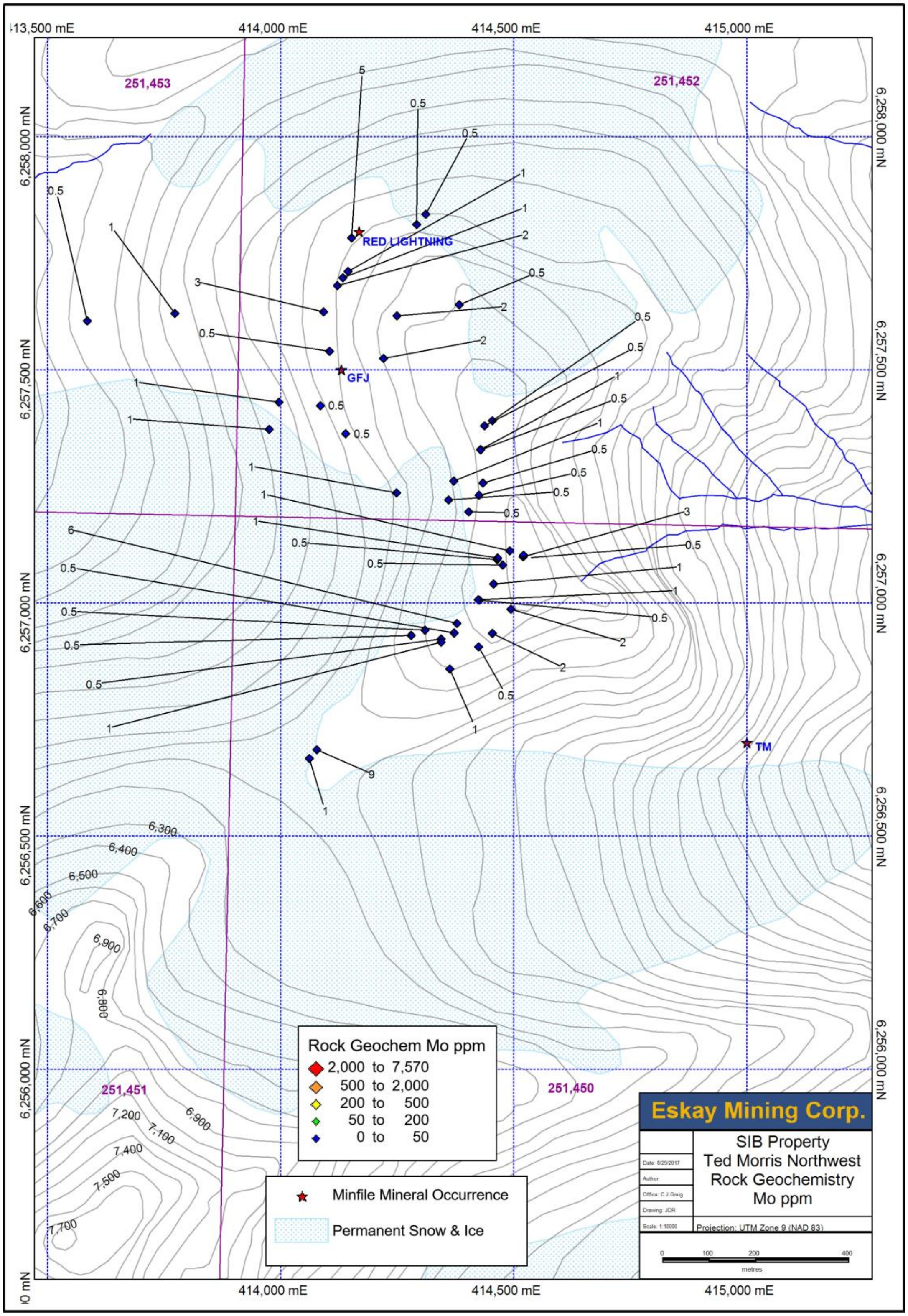

Figure 32. Ted Morris Northwest rock sample Mo values with Minfile mineral occurrences

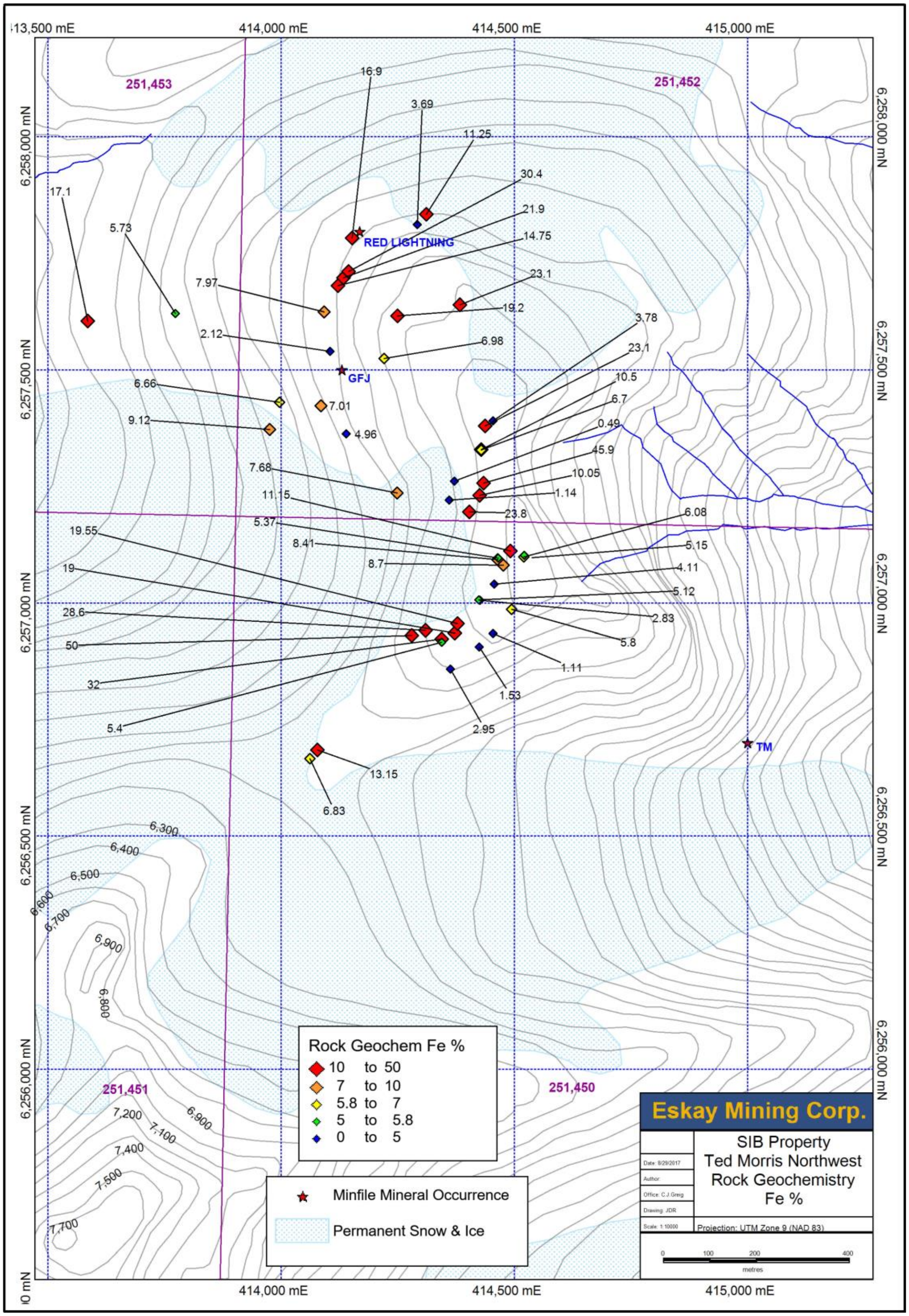

Figure 33. Ted Morris Northwest rock sample Fe values with Minfile mineral occurrences

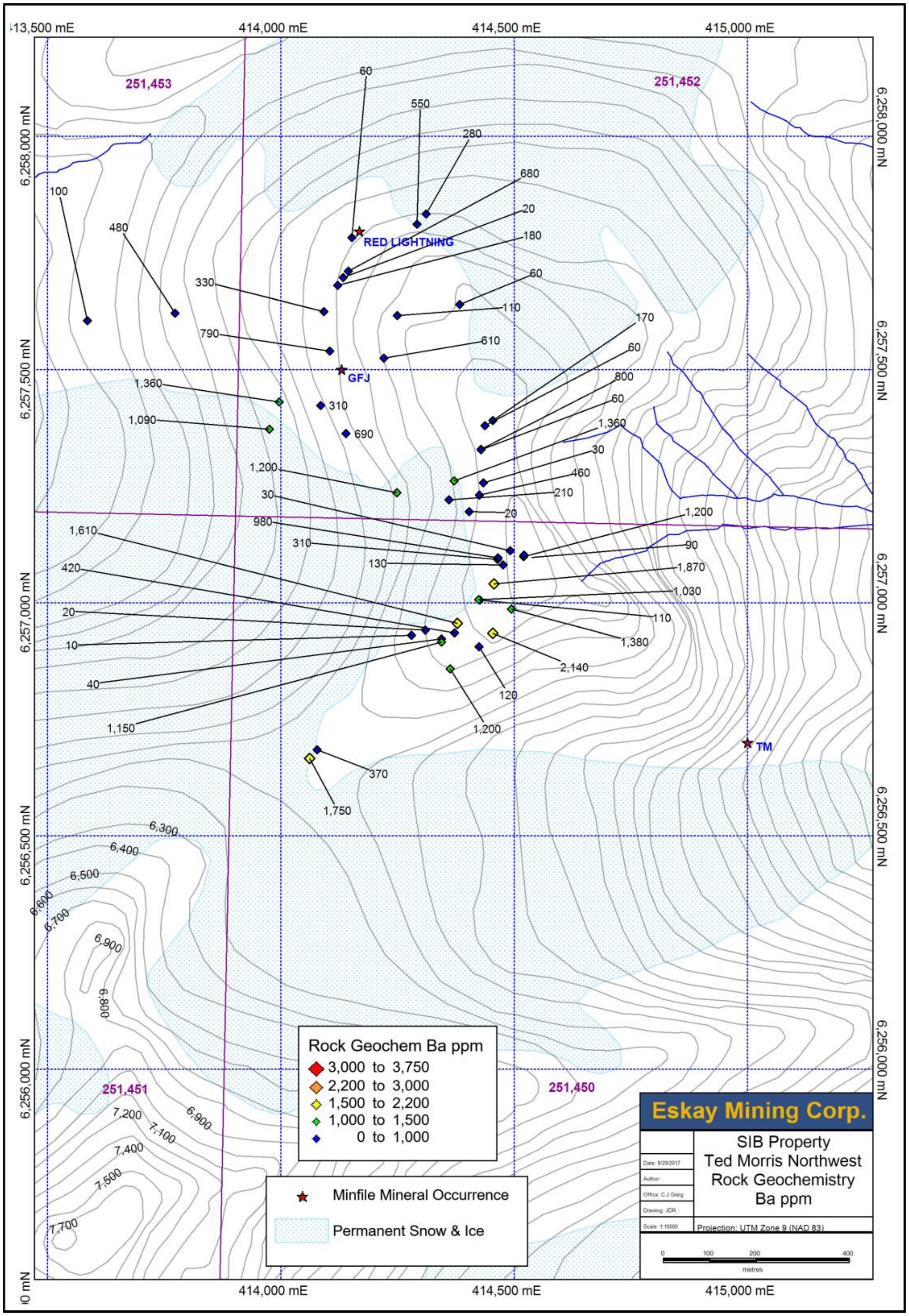

Figure 34. Ted Morris Northwest rock sample Ba values with Minfile mineral occurrences

Rock geochemical maps for the southwest area (TM SW) are shown on Figures 35 to 45. The sampling extends over about 1800 m in a southeasterly direction, mostly between the Unuk Finger and Ted Morris Glacier mineral occurrences. Some of the well mineralized samples collected from the TM SW area are shown in the following table.

SAMPLE	Au	Ag	As	Ba	Bi	Cu	Fe	Mo	Pb	Sb	W	Zn
DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SR-ESK-2016-018	0.011	1.6	<5	10	5	3780	23.2	22	<2	<5	700	9
SR-ESK-2016-033	0.056	5.8	7	30	<2	3940	24.5	49	<2	<5	1490	25
CB-16-005	0.066	7.0	<5	40	10	9850	30.1	42	4	<5	1190	581
CB-16-006	0.006	<0.5	<5	870	8	188	4.01	3920	10	<5	1330	38
CB-16-009	0.024	1.3	<5	40	6	1810	17.35	5940	3	<5	40	36
CB-16-010	0.009	0.5	<5	90	9	1510	21.9	238	3	<5	4790	37
CB-16-013	0.124	6.2	8	430	8	6780	9.79	12	10	<5	<10	309
CB-16-014	0.025	5.5	<5	40	6	1270	24.1	7	9	<5	210	28
CB-16-017	0.007	1.8	<5	170	3	3670	11.7	21	<2	<5	120	25
CB-16-041	0.009	1.2	<5	110	<2	2500	24.2	221	<2	<5	40	18
CB-16-053	0.117	80.7	356	1490	11	21400	2.57	48	136	<5	10	60

Table 5. Selected rock sample analytical results from TM SW area

The samples from this area are mostly copper-bearing, with associated Fe, Ag and W, with lesser Mo. Anomalous Cu samples, >500 ppm, are quite widespread (fig. 42), within an area measuring about 1700 m by 500 m. Intervening areas between samples are largely ice covered, so there is a good possibility that mineralization continues under the ice. Silver values (fig. 36) coincide closely with Cu but are generally only moderately anomalous, in the 1 to 7 ppm range, except for one sample in the far southwest corner of the map that returned 80.7 ppm Ag and 2.14% Cu. Values for Au, As, Ba, Pb, Sb and Zn are all low. Several moderately to strongly anomalous Mo values (fig. 43) are associated with Cu in the central part of the sample area. Also, in the same central area, elevated W values, 120 - 4790 ppm, are strongly correlated with Cu, but less so with Mo. Several elevated Ba values, 1050 – 3080 ppm, (fig. 45) extend over about 1000 m in the south part of the sample area, but these samples generally do not contain any other anomalous elements. A large percentage of the samples collected in this area contain strongly anomalous levels of Fe; from 7 to 24 percent (fig. 44). This indicates that iron sulphides are very widespread and could be part of a halo surrounding a central copper-rich zone.

Descriptions for all rock samples are provided in Appendix III. The well mineralized samples are all described as veins. Some are massive to locally vuggy quartz veins with bands of sulphides, while others are massive pyrite or pyrrhotite +/- chalcopyrite veins, <1 to 10 cm wide. Quartz veins are often stained with black manganese oxide and contain sulphide minerals, including pyrite, pyrrhotite and chalcopyrite, typically banded along the vein selvages. Molybdenite, from 1% to locally up to 15%, occurs in halos, from 1 cm to 25 cm wide, around massive pyrite veins.

Host rocks are sheared, foliated meta-volcanics and maroon hornfels. Some areas are deeply weathered, pyritic and sericitic in parts, and locally contain abundant molybdenite. Weak epidote-bearing skarn has been noted, containing quartz-pyrrhotite veins. Fine grained mafic dykes occur in the area.

High grade sample CB-16-053, in the far southwest part of the map area, is an assortment of azurite-stained quartz monzonite and quartz vein angular float pieces collected along the edge of a glacier over a distance of 50 m. Many pieces have significant amounts of chalcocite, bornite and chalcopyrite. The mineralized float train was followed 235 m to the east and 450 m to the west. The source is suspected to be upslope to the north-northeast.

The samples containing elevated Ba values are described as banded, sheared sedimentary rocks with 1-2% sulphide, as well as maroon fine grained tuff with fine disseminated sulphides and narrow quartz-pyrite-chalcopyrite veinlets, and also chloritic, fine grained, schistose metavolcanics with sparse disseminations and lenses of pyrite and magnetite.

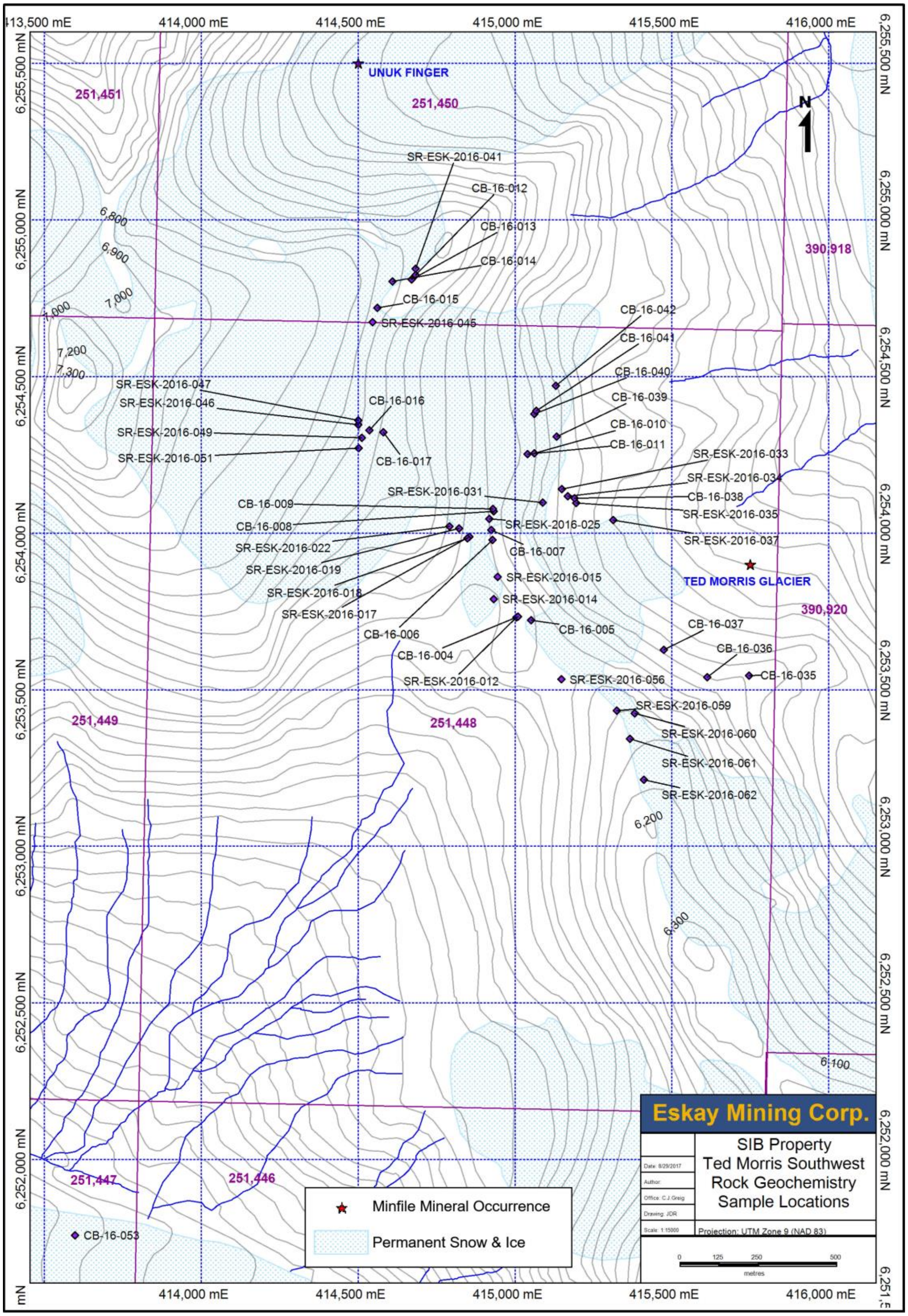

Figure 35. Ted Morris Southwest rock sample locations with Minfile mineral occurrences

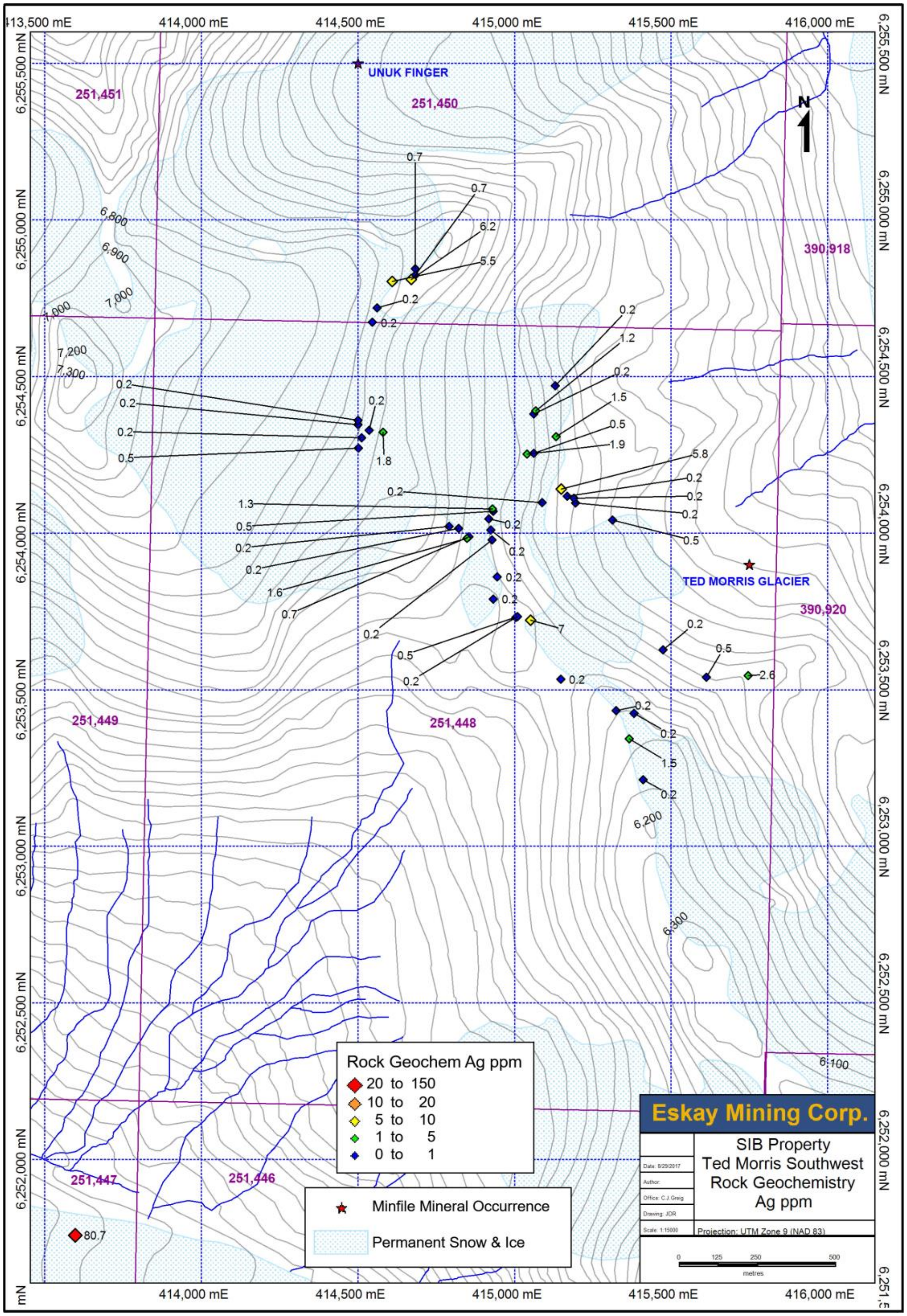

Figure 36. Ted Morris Southwest rock sample Ag values with Minfile mineral occurrences

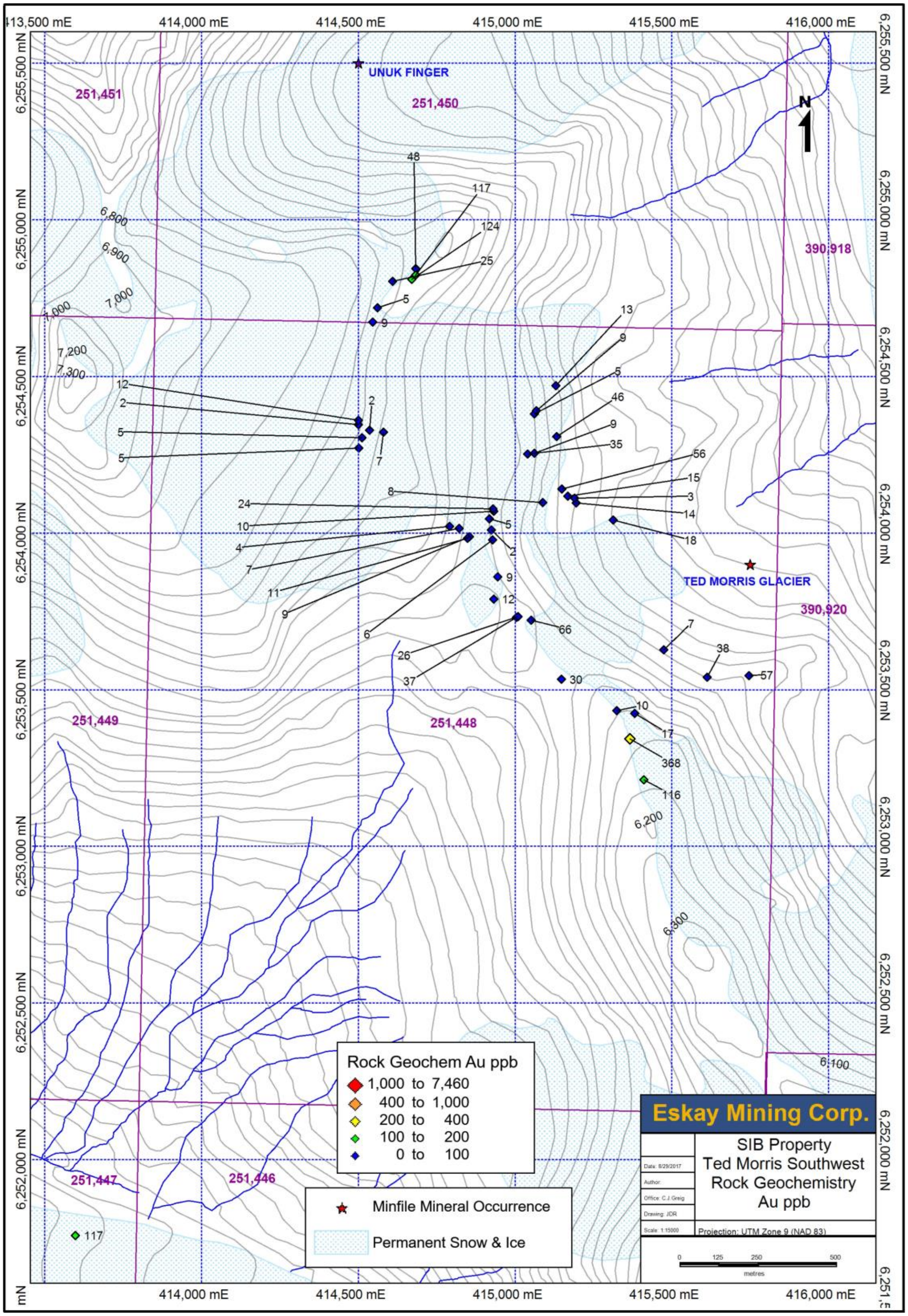

Figure 37. Ted Morris Southwest rock sample Au values with Minfile mineral occurrences

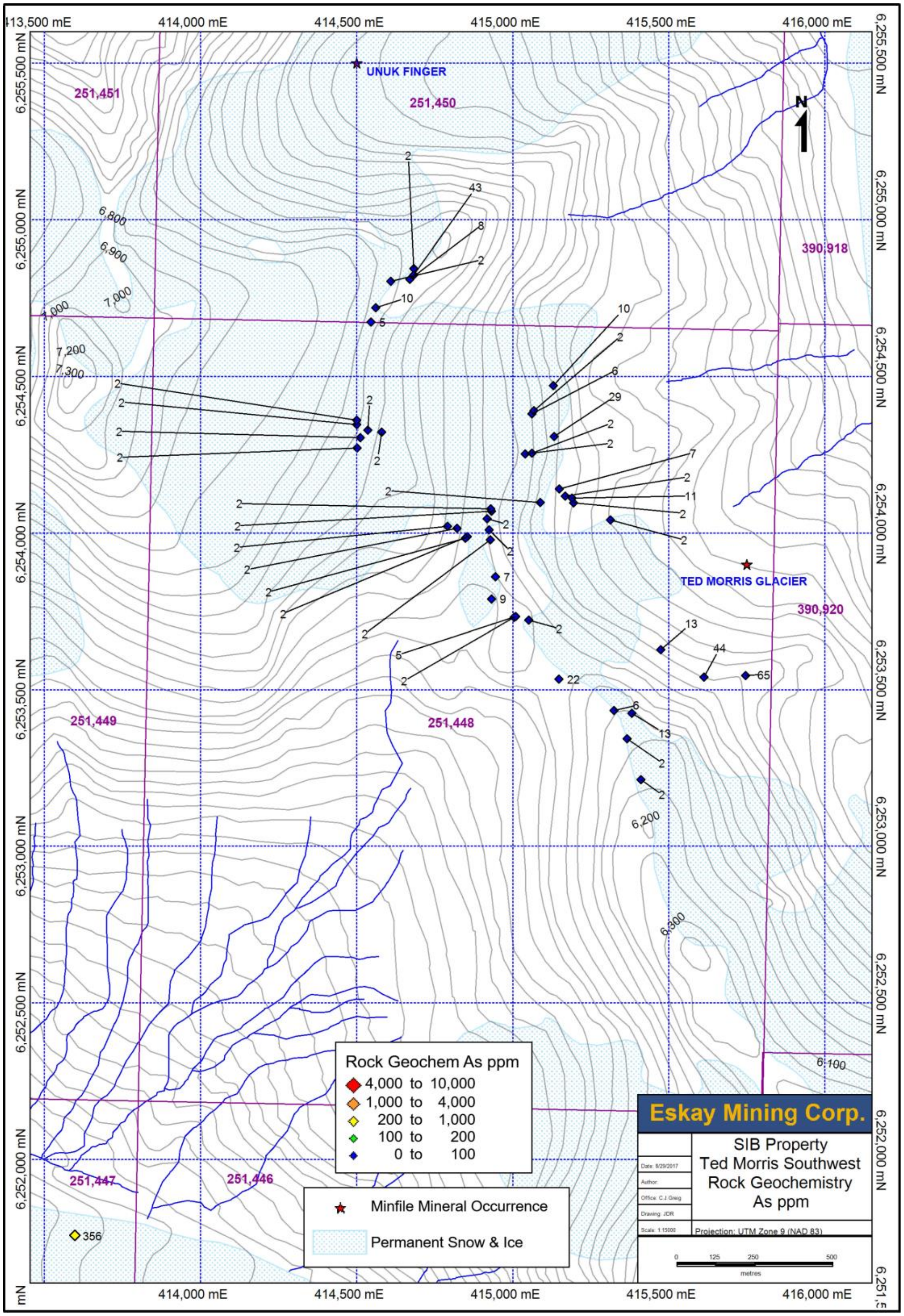

Figure 38. Ted Morris Southwest rock sample As values with Minfile mineral occurrences

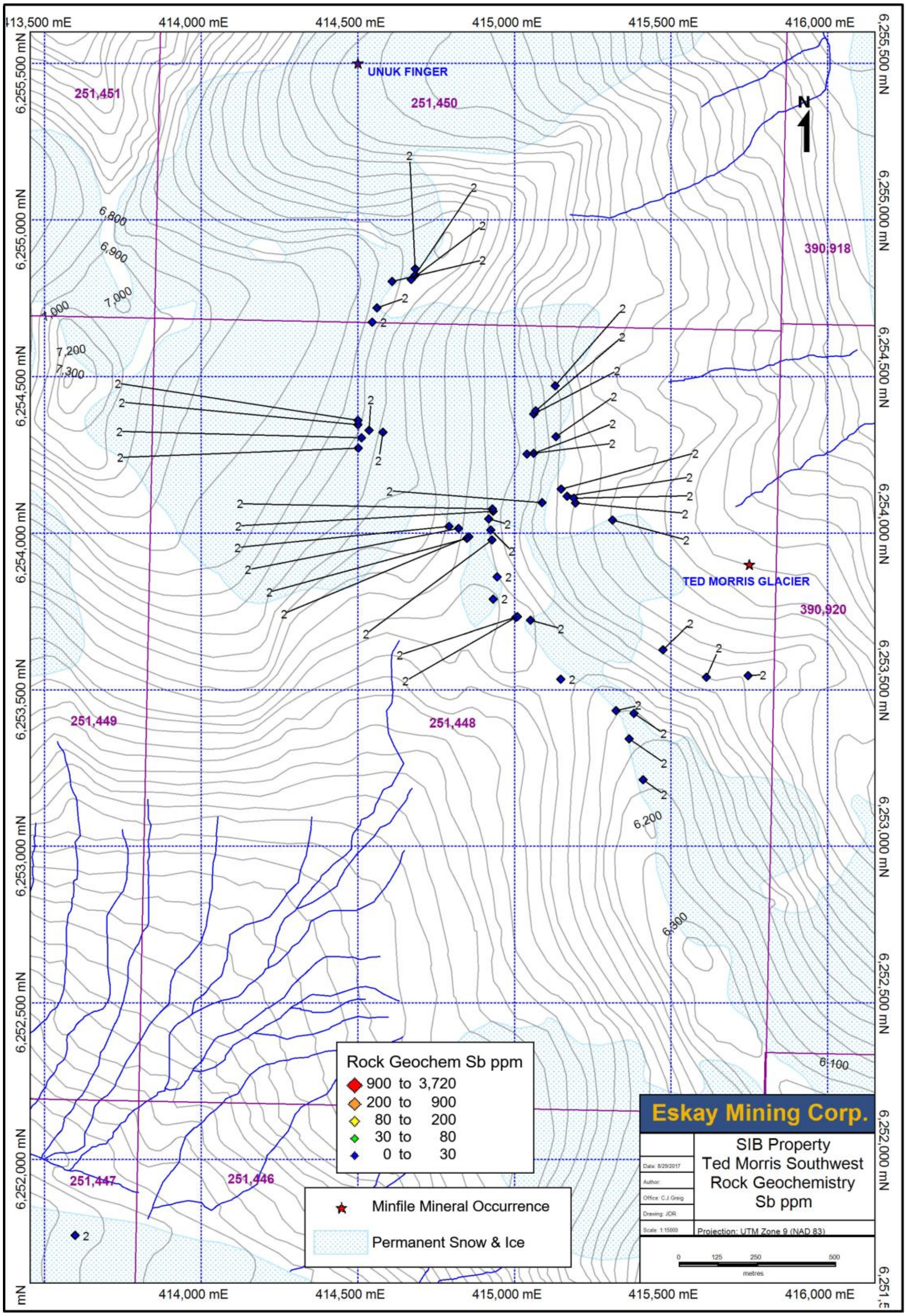

Figure 39. Ted Morris Southwest rock sample Sb values with Minfile mineral occurrences

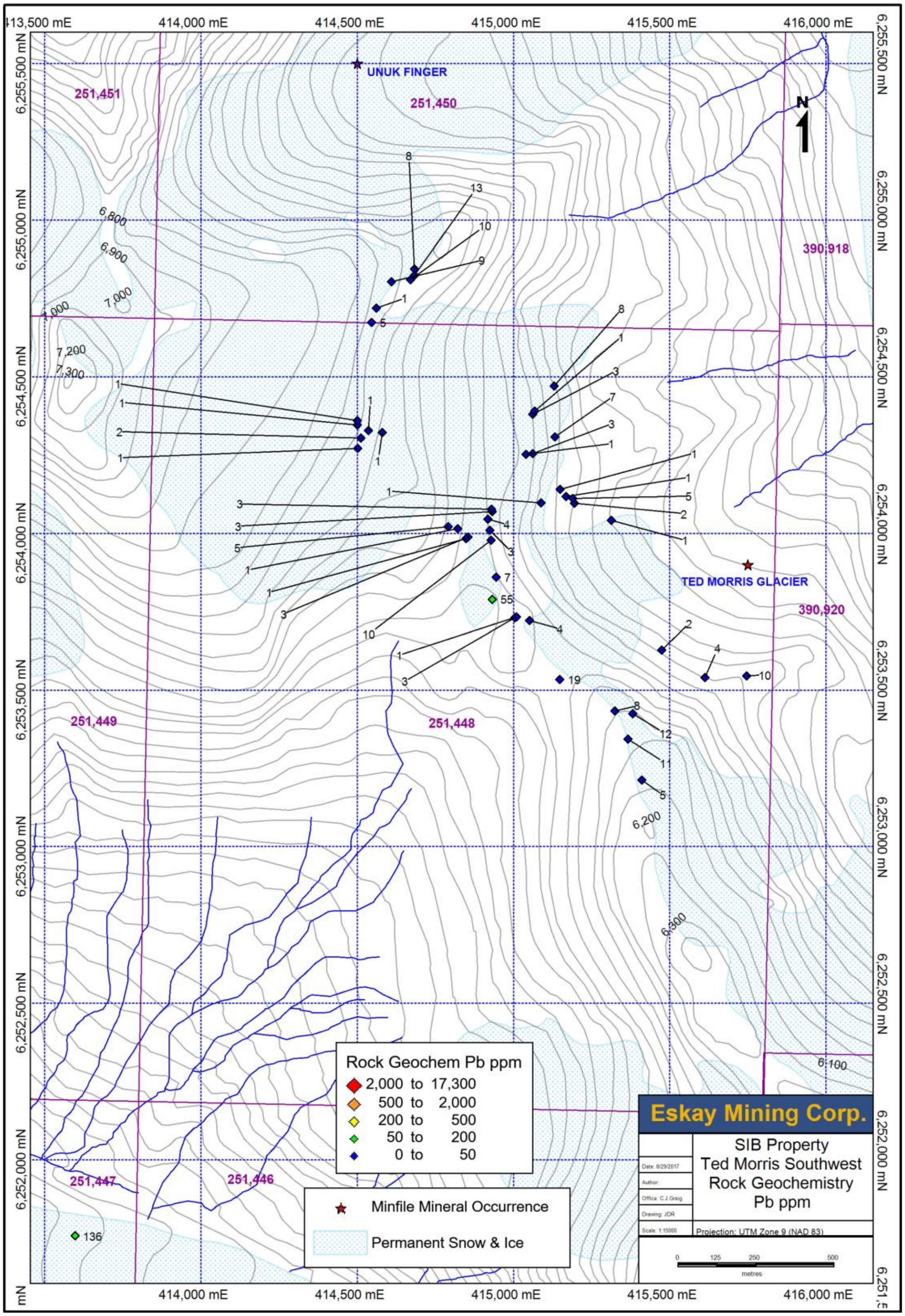

Figure 40. Ted Morris Southwest rock sample Pb values with Minfile mineral occurrences

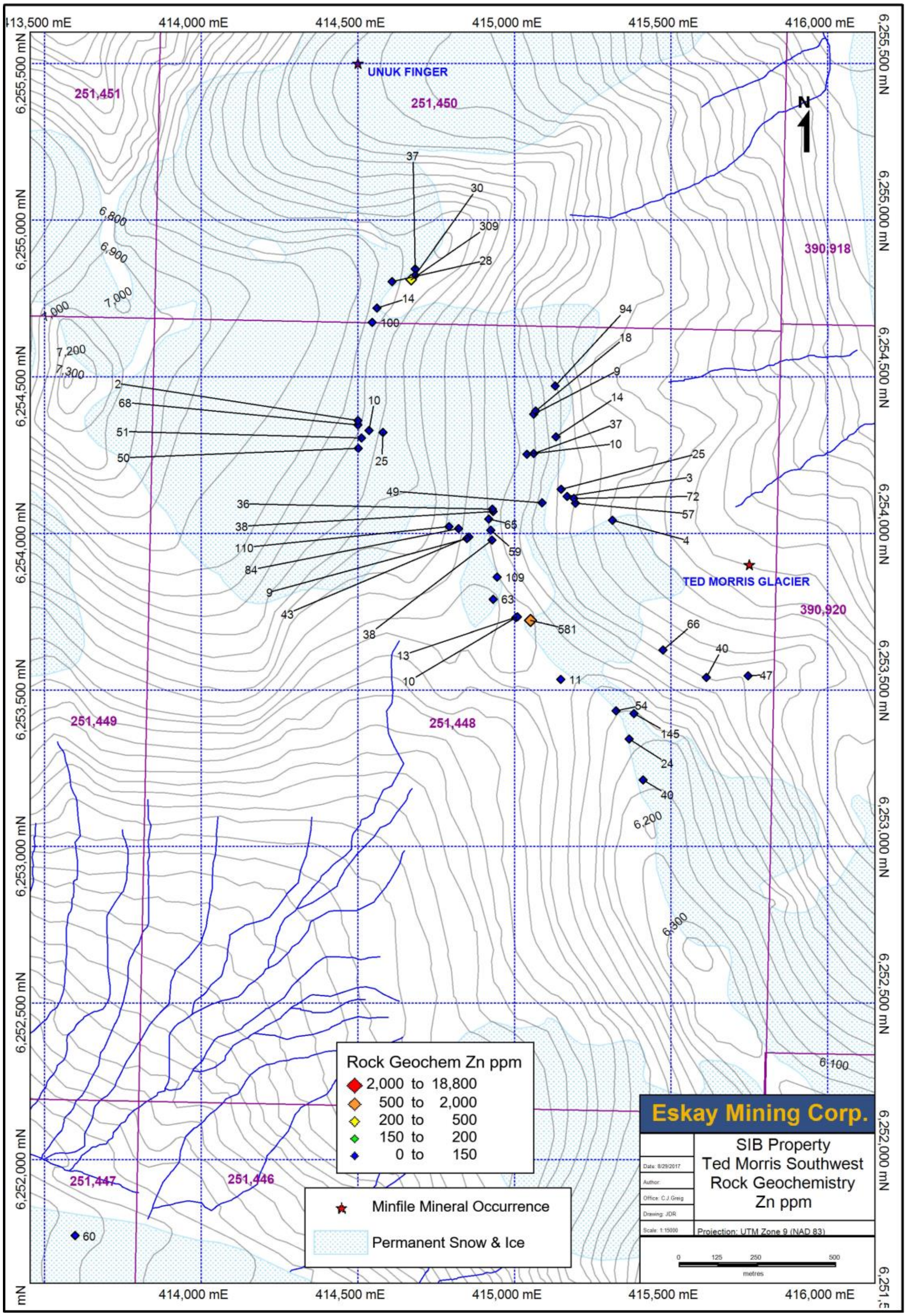

Figure 41. Ted Morris Southwest rock sample Zn values with Minfile mineral occurrences

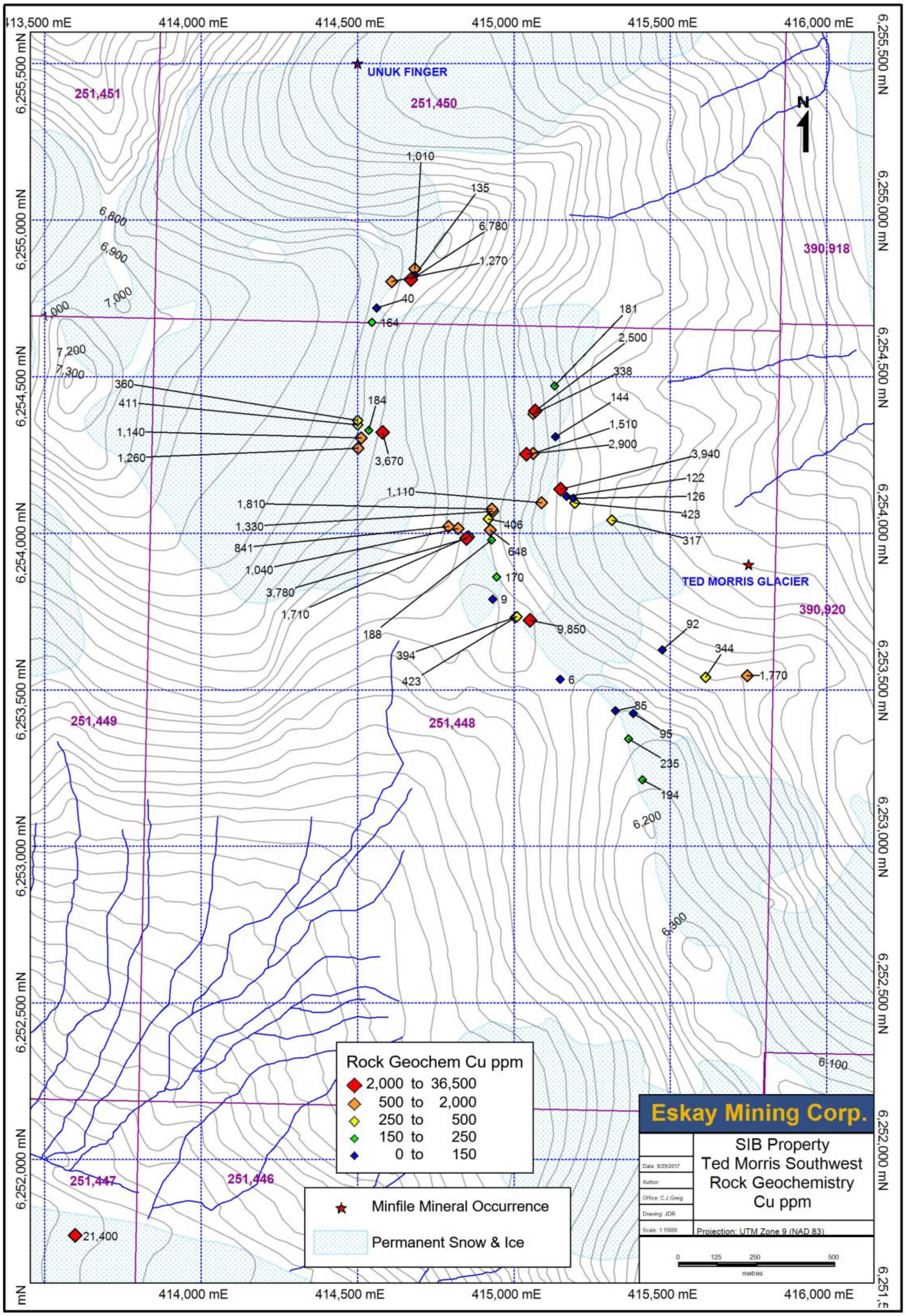

Figure 42. Ted Morris Southwest rock sample Cu values with Minfile mineral occurrences

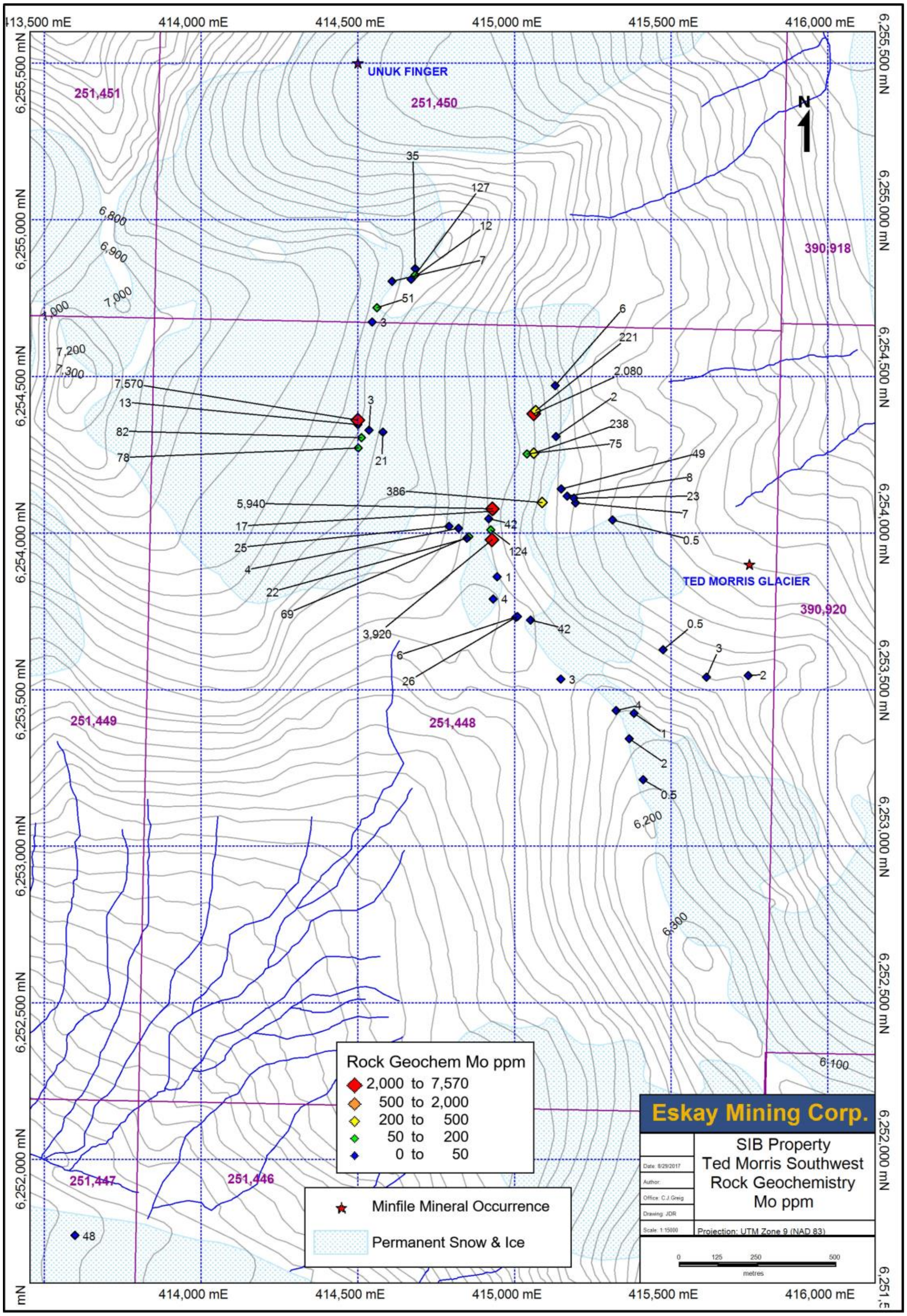

Figure 43. Ted Morris Southwest rock sample Mo values with Minfile mineral occurrences

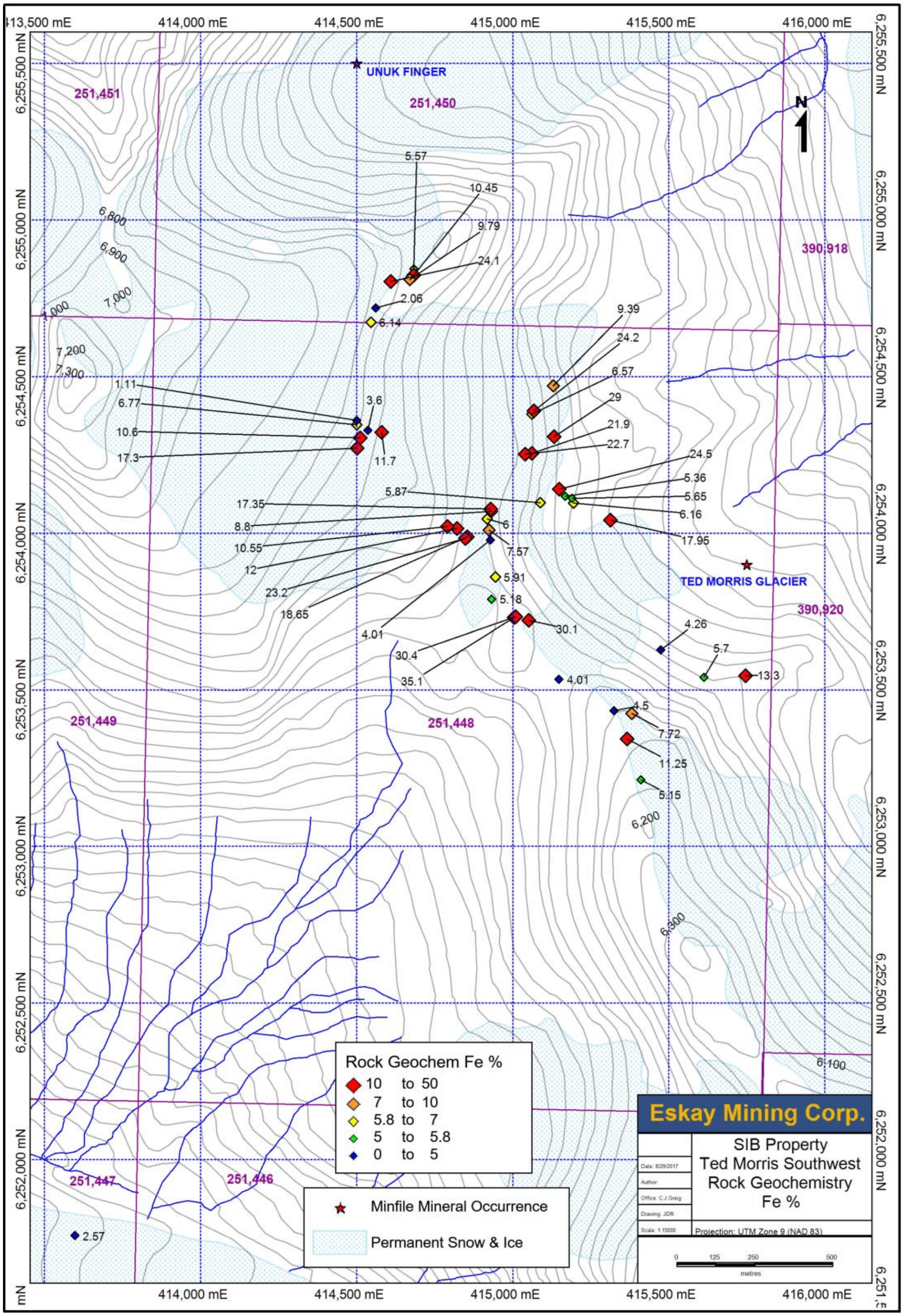

Figure 44. Ted Morris Southwest rock sample Fe values with Minfile mineral occurrences

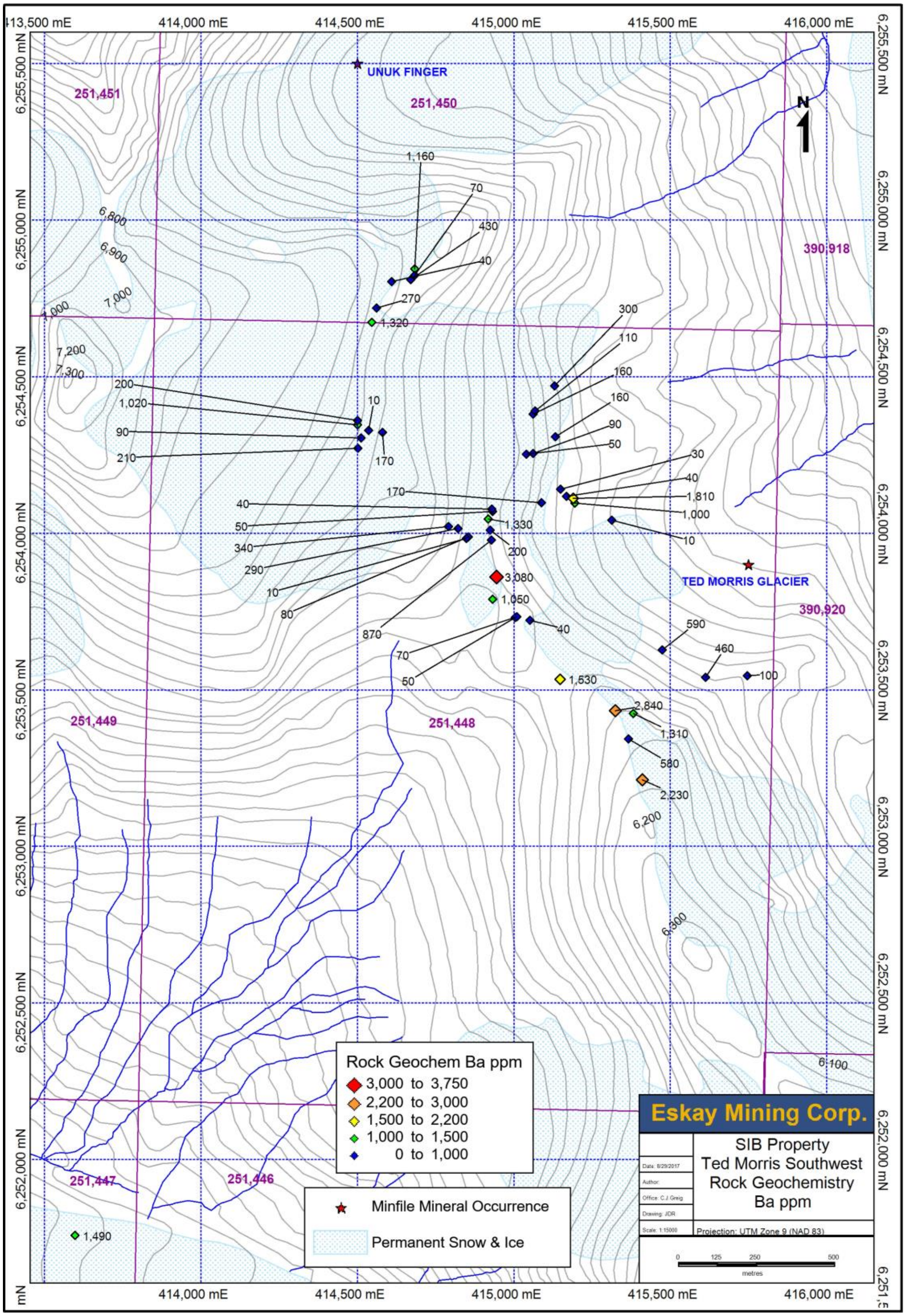

Figure 45. Ted Morris Southwest rock sample Ba values with Minfile mineral occurrences

Rock geochemical maps for the area east of Ted Morris glacier (TM E) are shown on Figures 46 to 56. The sampling extends over about 5800 m in a south-southeasterly direction, skirting along the eastern boundary of the property. Some of the well mineralized samples collected from the Ted Morris East area are shown in the following table.

SAMPLE DESCRIPTION	Au ppm	Ag ppm	As ppm	Ba ppm	Bi ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	W ppm	Zn ppm
SR-ESK-2016-090	0.002	15.3	<5	3680	14	8500	2.05	5	137	8	<10	46
SR-ESK-2016-106	0.024	2.7	1835	290	<2	21	4.24	4	16	<5	10	70
SR-ESK-2016-108	0.002	0.6	7	3050	<2	14	2.76	10	67	<5	<10	245
SR-ESK-2016-110	0.062	8.2	<5	30	<2	1930	42.4	<1	39	<5	<10	54
CG-ESK-16-R-332	0.001	40.7	3270	100	<2	1200	4.29	2	17300	3720	<10	18800
CG-ESK-16-R-336	0.002	2.2	22	3320	<2	99	1.8	4	102	20	<10	164
CG-ESK-16-R-344B	0.047	11.3	111	280	<2	158	4.57	4	303	38	<10	3080
CG-ESK-16-R-359	<0.001	<0.5	10	3750	<2	10	1.05	2	24	<5	<10	112
CG-ESK-16-R-366	<0.001	<0.5	5	3540	2	19	0.52	2	6	<5	<10	14
CG-ESK-R-451	0.105	0.9	2300	1280	<2	39	4.97	27	55	8	<10	90

Table 6. Selected rock sample analytical results from TM E area

The samples were collected in four clustered areas, with the most significant values from the north cluster. A sample from that area (CG-ESK-16-R-332) returned strongly anomalous values of 40.7 ppm Ag, 3270 ppm As, 1200 ppm Cu, 17,300 ppm Pb, 18,800 ppm Zn and 3720 ppm Sb, with nearby samples containing anomalous Ba, Ag and Sb. This mineral assemblage could be indicative of VMS-style mineralization. The second cluster of samples, 1.2 km to the south, returned several moderately to strongly anomalous Ba values, up to 3680 ppm Ba with a single sample containing 15.3 ppm Ag and 8500 ppm Cu. Similarly, the samples in the third cluster to the south returned strongly anomalous Ba up to 3750 ppm; however, other element values were low. The southern cluster returned several moderately to strongly anomalous Ba values, with localized moderately anomalous values for Ag, As, Pb, Zn, Cu and Fe. Although this area east of Ted Morris glacier has been mapped as Stuhini Group sedimentary rocks in regional mapping (fig. 10) it is possible that fault slices of rocks belonging to the Hazelton Group may be present, and could host Eskay-type mineralization, such as that found in a rhyolite-mudstone sequence at the Spearhead occurrence, located 4.5 km to the northwest.

Descriptions for all rock samples are provided in Appendix III. Some of the well mineralized samples in the Ted Morris East area are hosted by felsic volcanics that could be equivalent to the Eskay rhyolite. One of the samples (SR-ESK-2016-108) is described as gossanous silicified felsic volcanic rock containing 2-3% disseminated sulphide minerals. It returned 3050 ppm Ba. Another sample consisted of a quartz-pyrite vein cutting rusty felsic volcanics. Sample SR-ESK-2016-090 was from a malachite-stained quartz vein cutting a sheared porphyritic dyke. It returned anomalous Ag, Cu, Ba and Bi. A sample from massive pyrrhotite veins, 2-7 cm in width cutting gossanous felsic volcanics, returned anomalous Cu and Ag, but other element values were low.

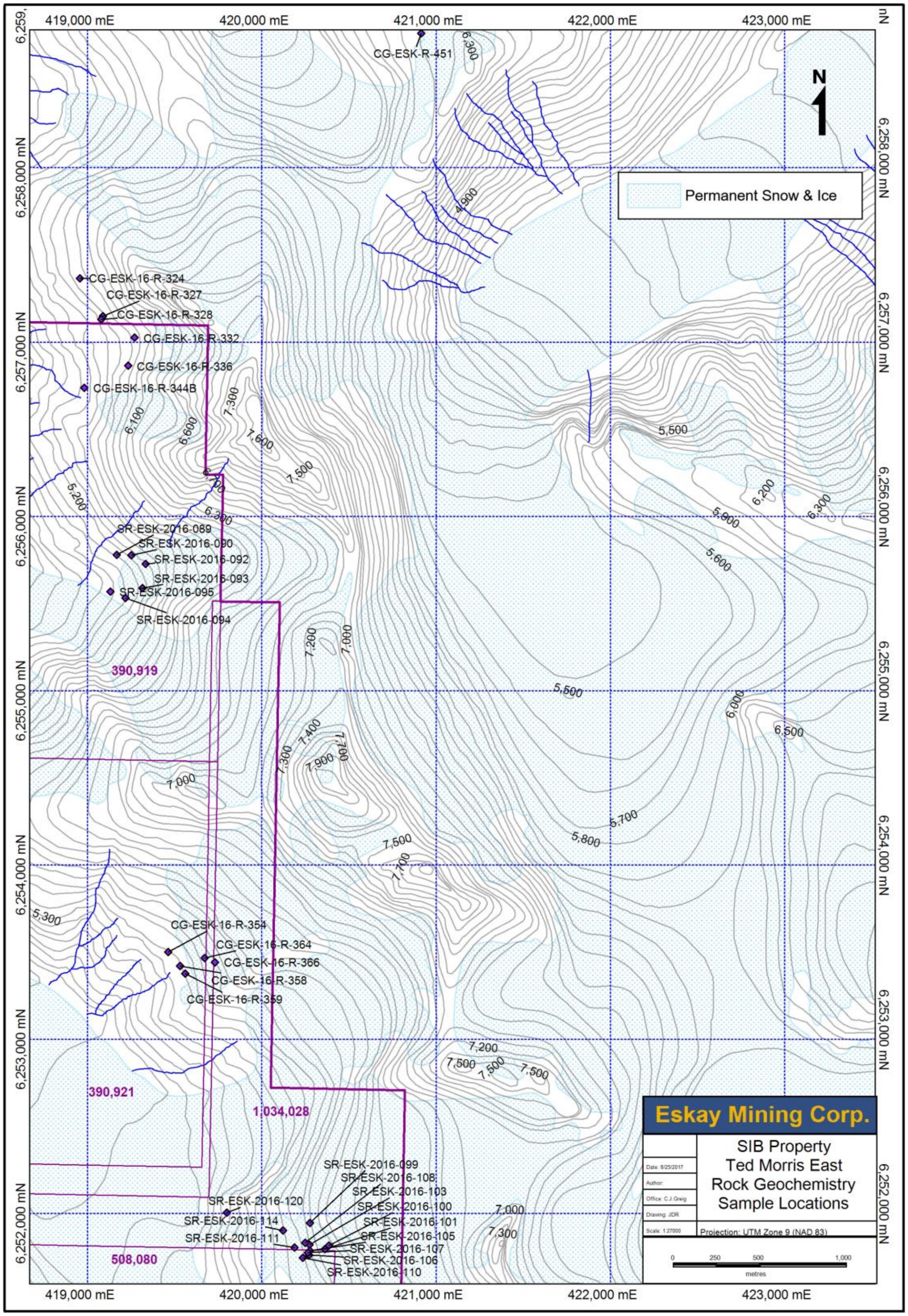

Figure 46. Ted Morris East rock sample locations

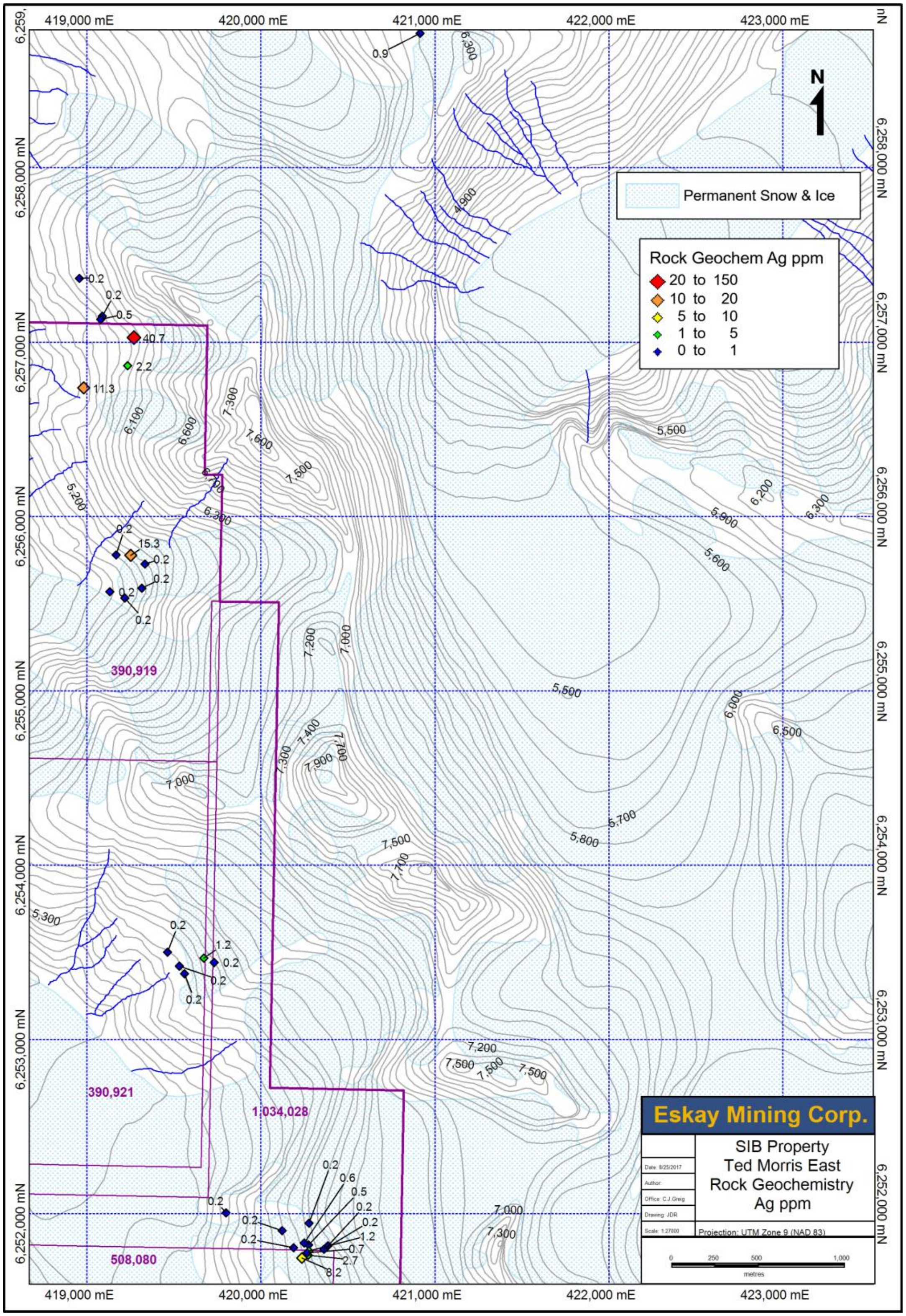

Figure 47. Ted Morris East rock sample Ag values

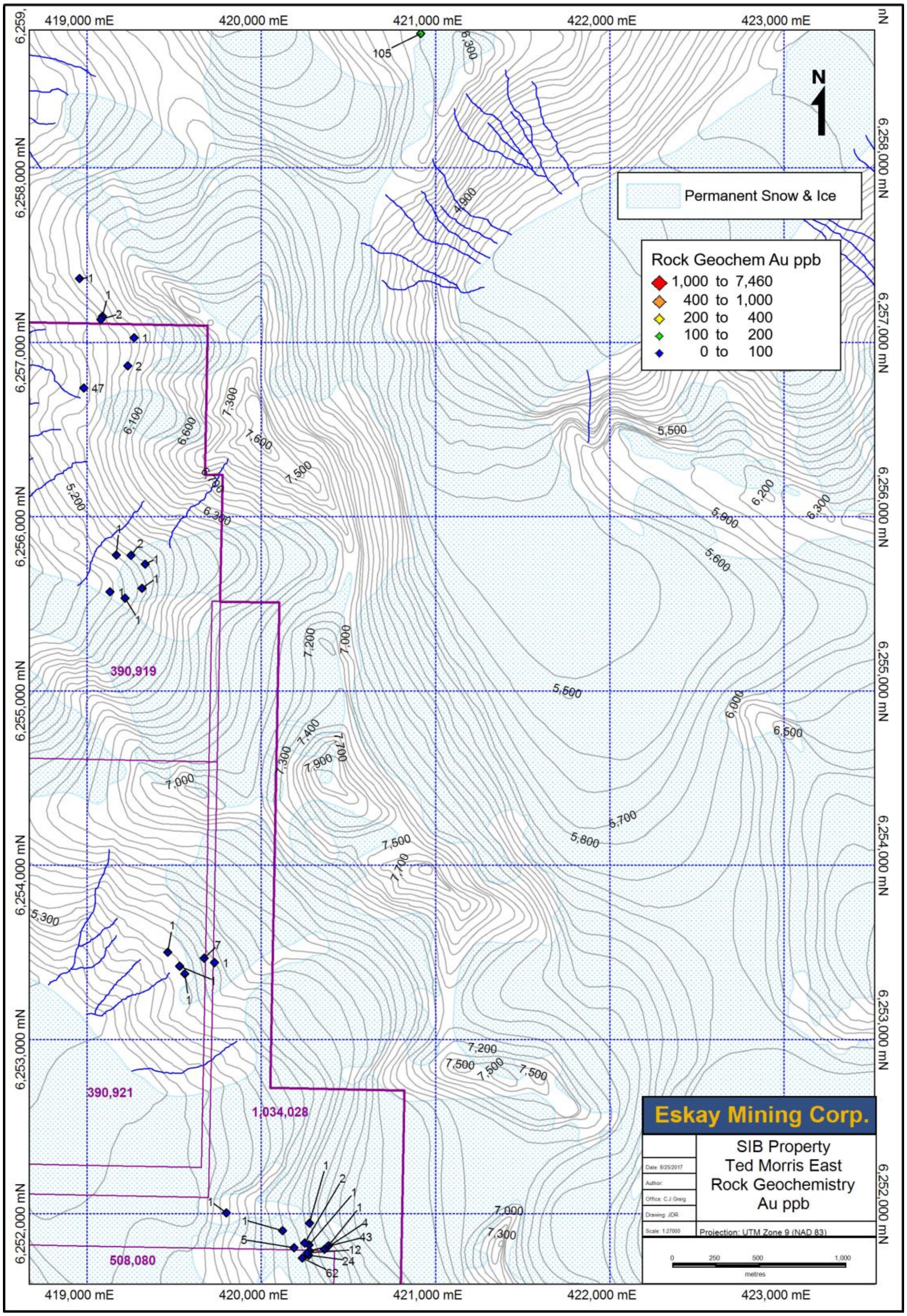

Figure 48. Ted Morris East rock sample Au values

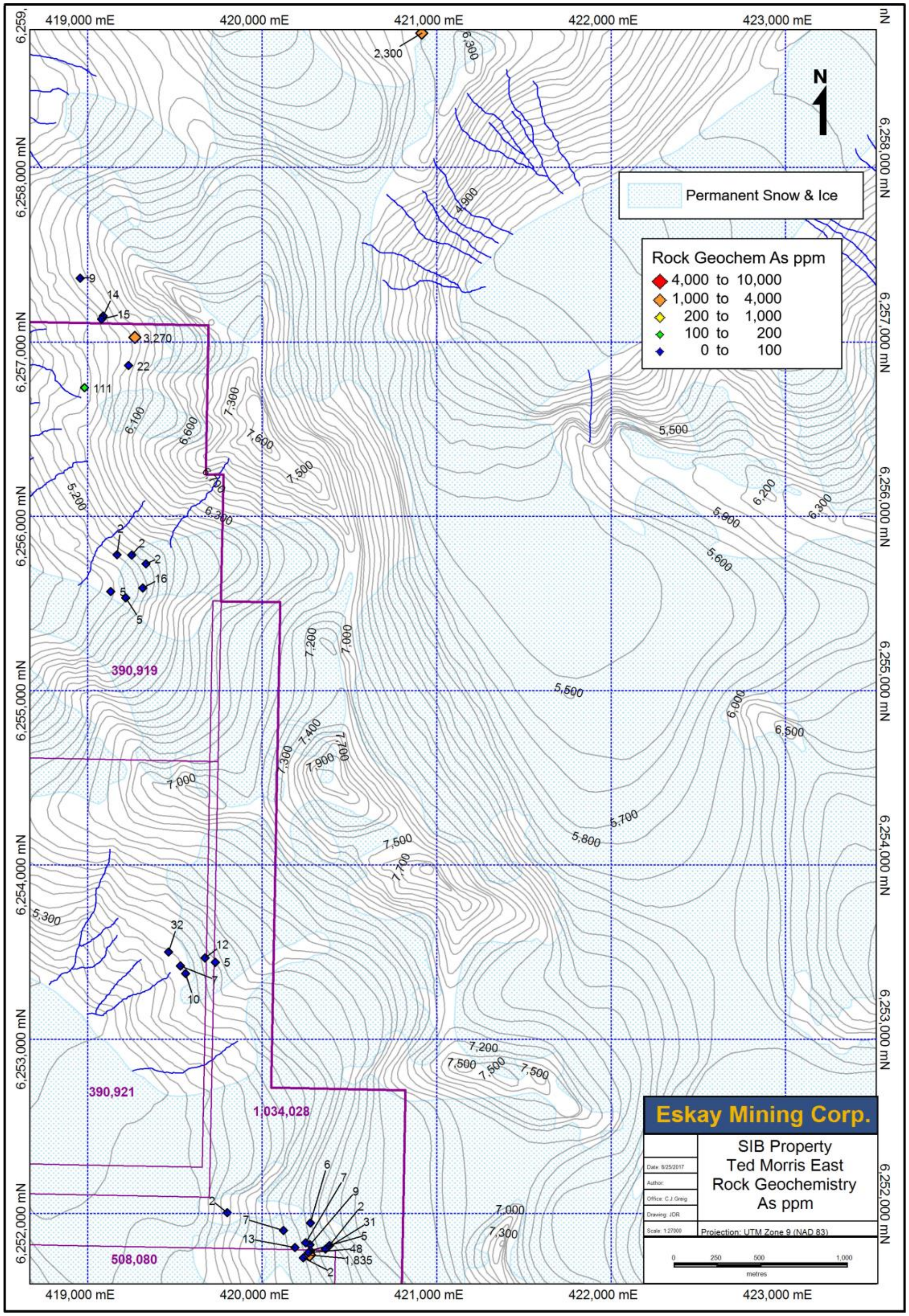

Figure 49. Ted Morris East rock sample As values

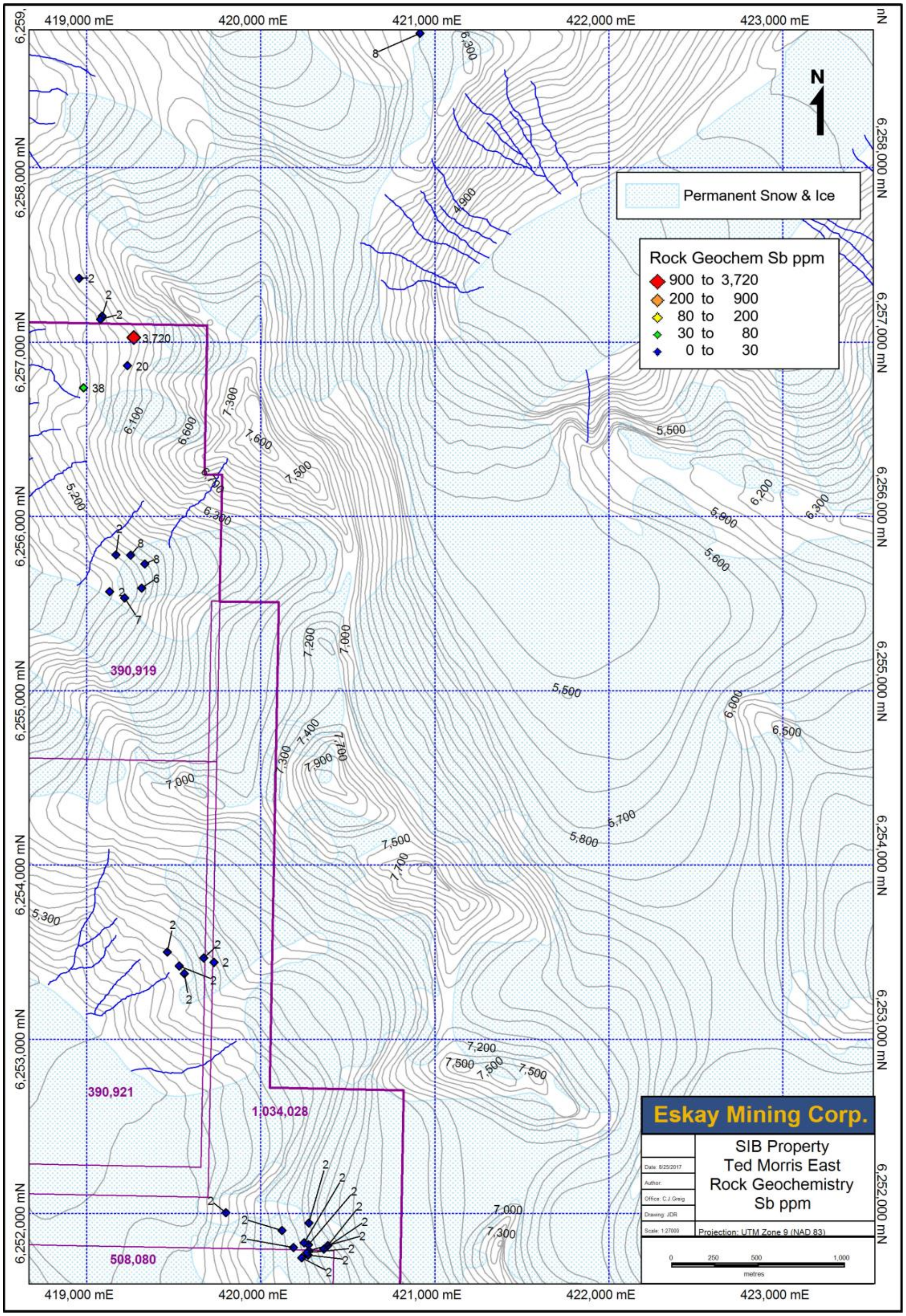

Figure 50. Ted Morris East rock sample Sb values

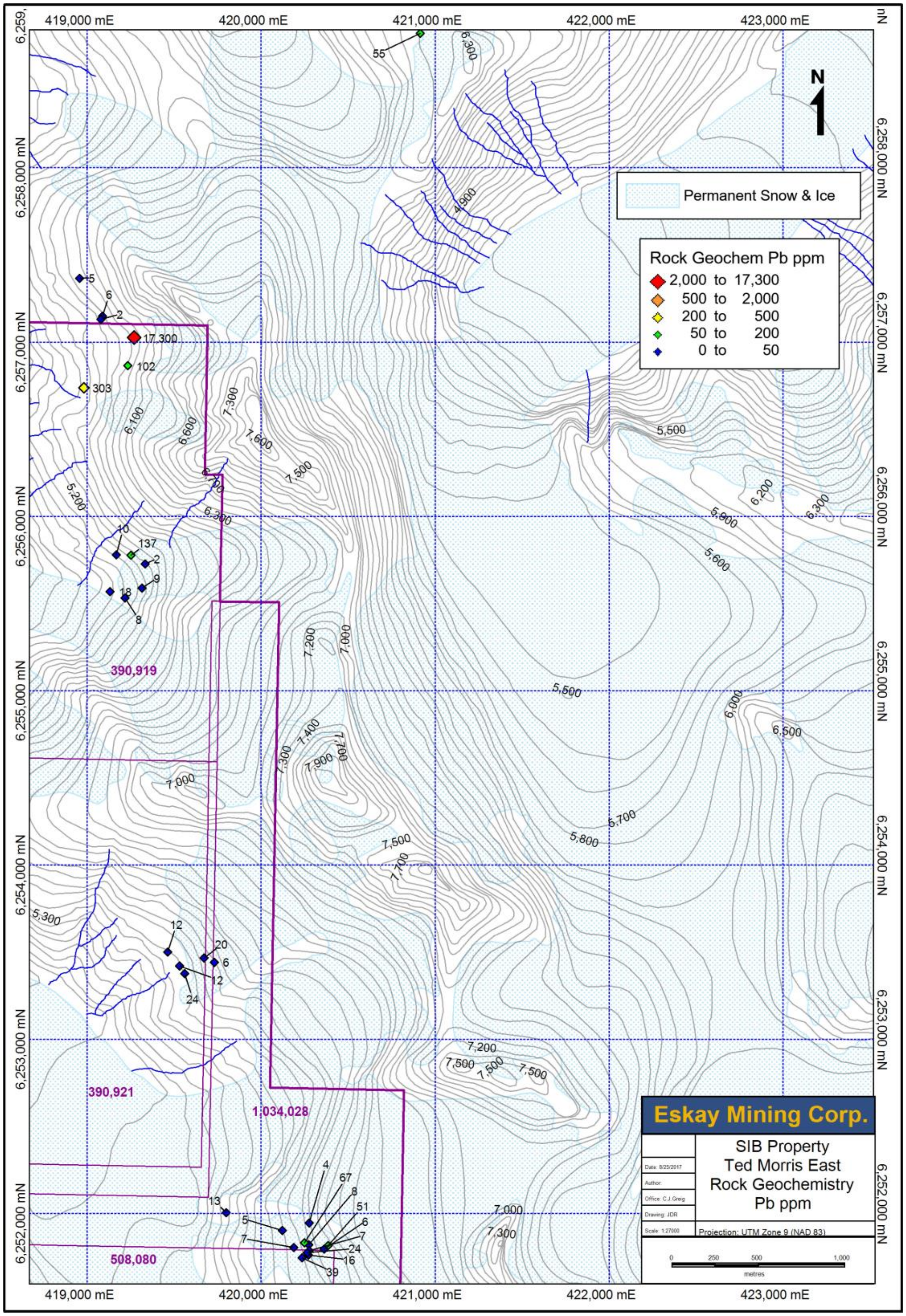

Figure 51. Ted Morris East rock sample Pb values

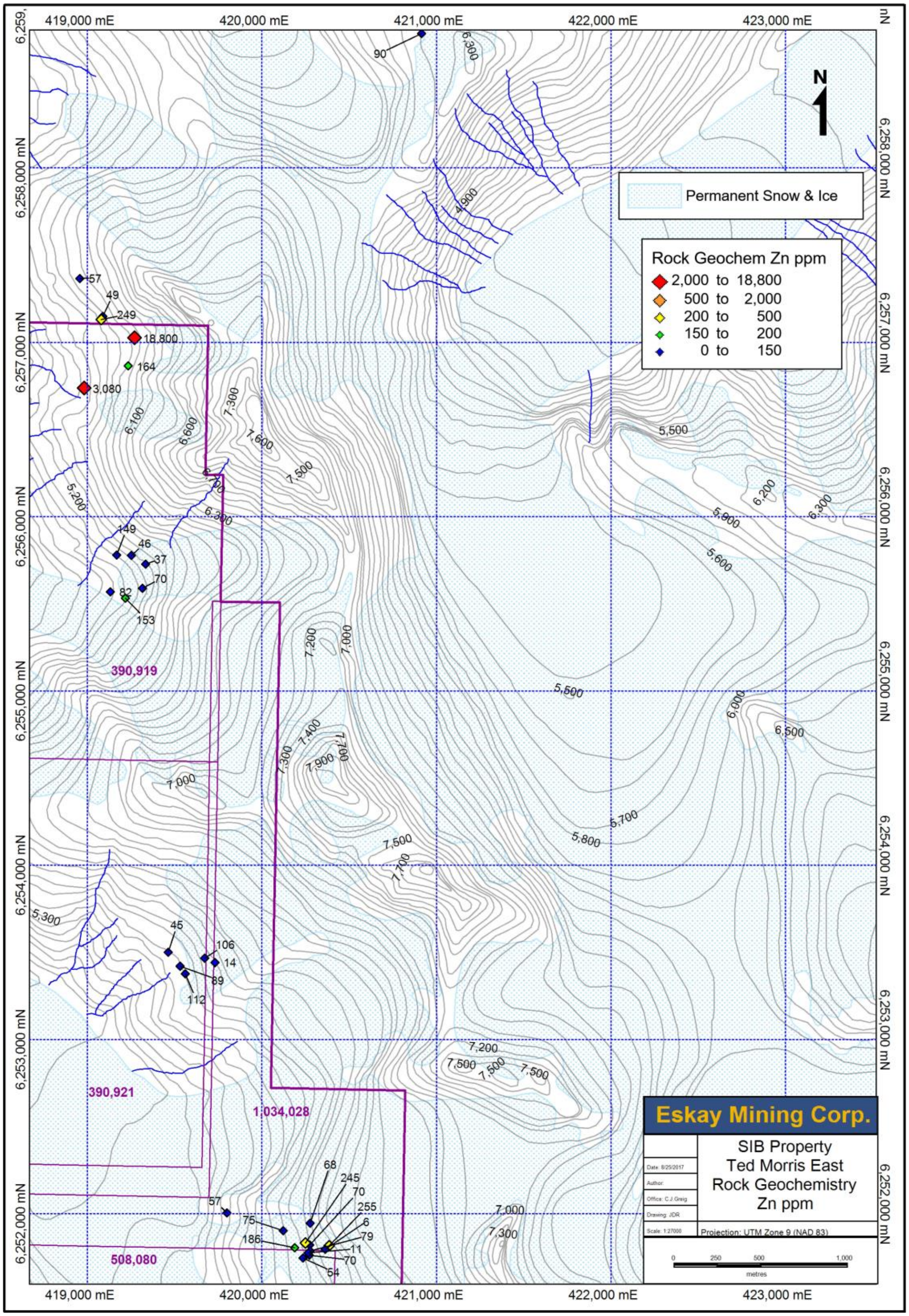

Figure 52. Ted Morris East rock sample Zn values

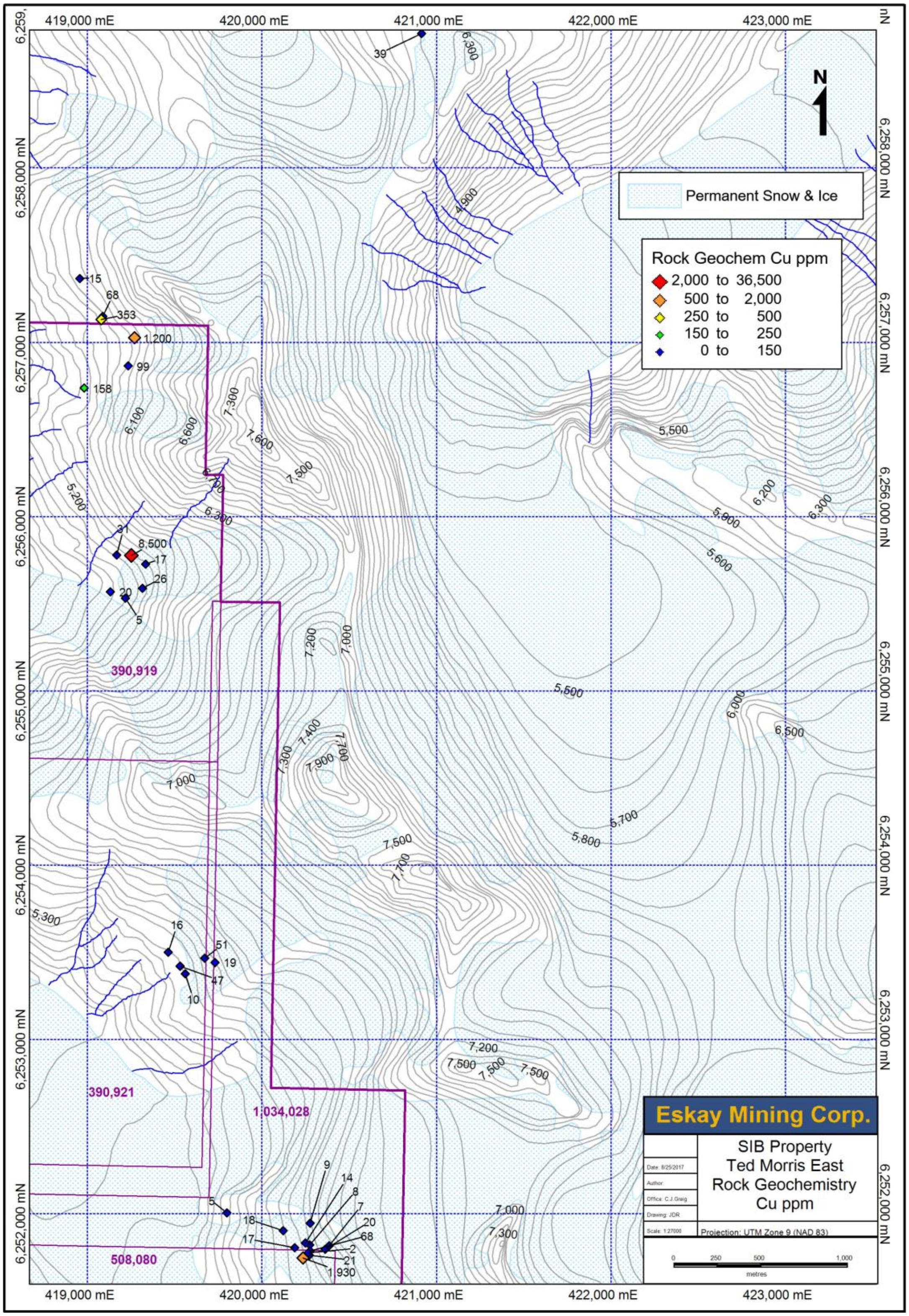

Figure 53. Ted Morris East rock sample Cu values

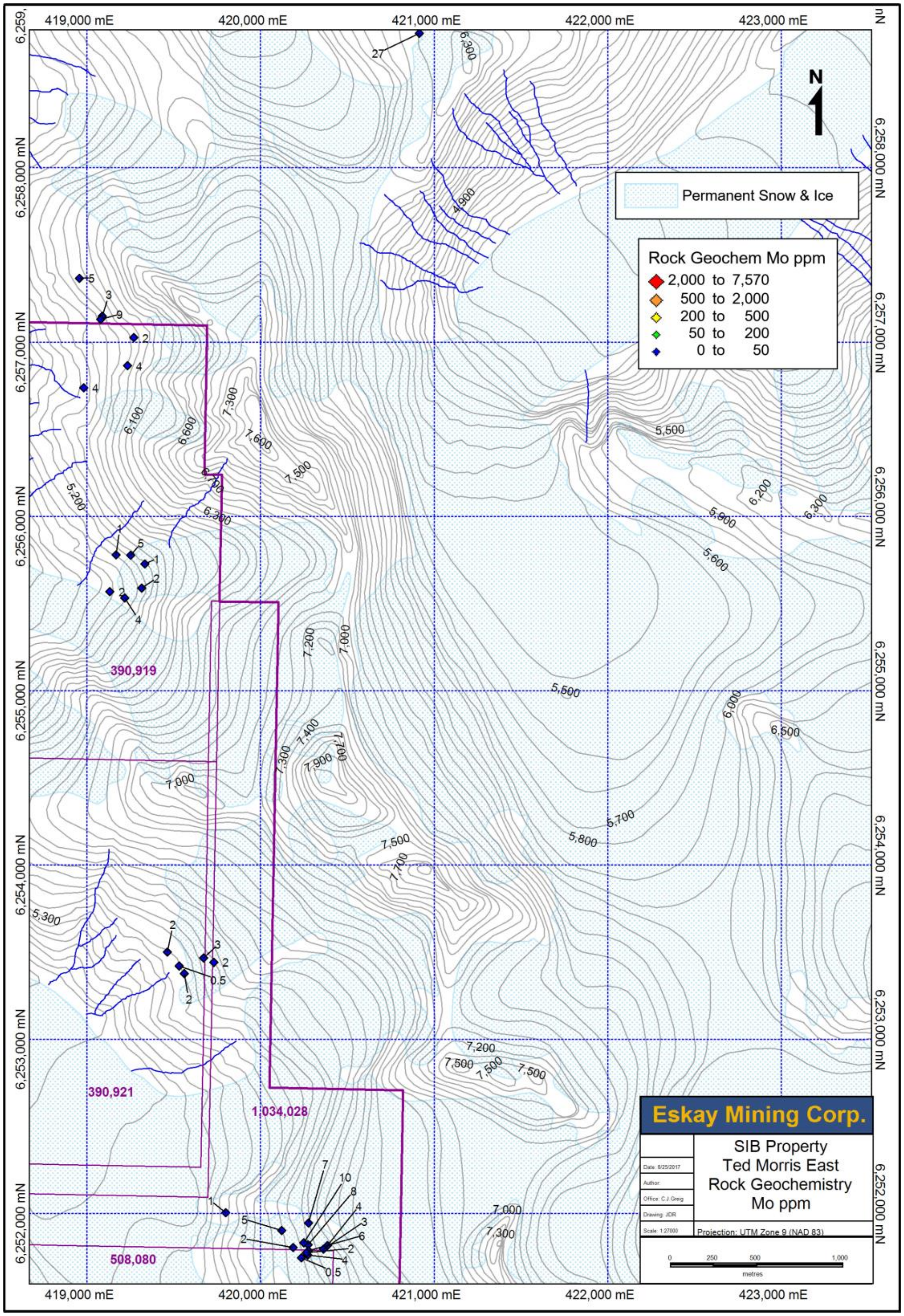

Figure 54. Ted Morris East rock sample Mo values

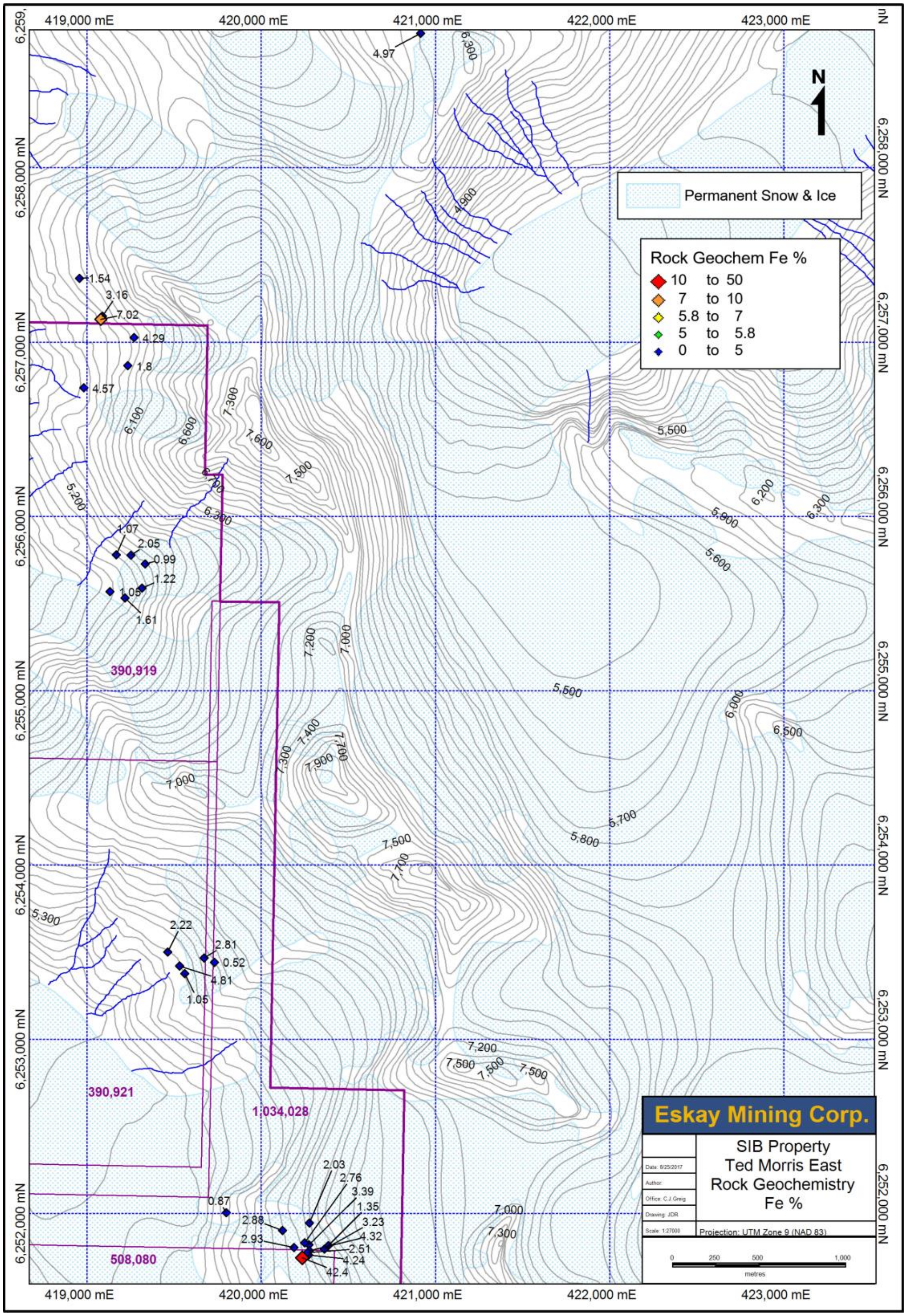

Figure 55. Ted Morris East rock sample Fe values

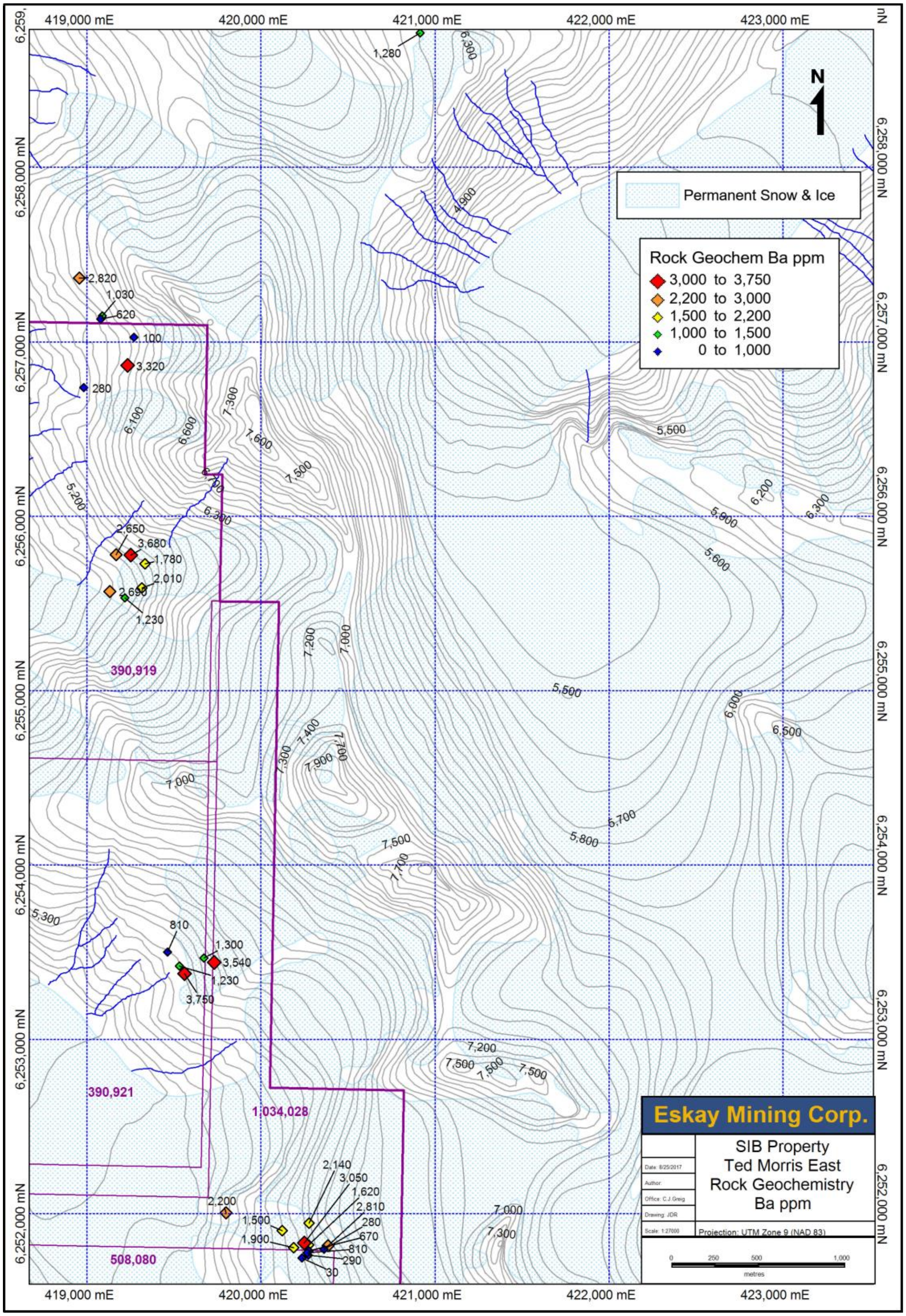

Figure 56. Ted Morris East rock sample Ba values

10.0 Conclusions and Recommendations

The 2016 exploration program on the southern part of the SIB property focussed on discovery of Eskay-type precious-metal rich sulphide bodies or Kerr-type Cu-Au porphyry mineralization. Soil sampling of one reconnaissance line in an area mapped as Stuhini Group, but with potential to contain Hazelton Group rocks, revealed multi-element anomalies in two areas, measuring 770 m and 140 m in length and open to extension. Anomalous elements that show the strongest correlation are Ag, Au, Sb, Hg, Mo, As, Pb, Zn, Cu and Fe. Anomalous Ba values are located between the two multi-element zones, and these samples also returned moderately anomalous values in Cu, As and Fe. There are no known mineral occurrences in the areas of the soil anomalies; however, the tenor of some of the geochemical values suggests that mineralization should be very near the sample stations. Furthermore, this particular assemblage of anomalous elements includes “pathfinder “elements for Eskay-type mineralization, which could be present in the area.

Additional soil sampling in the areas of anomalous soil geochemistry is highly recommended. Three or four northwest-oriented soil lines should be established, approximately along elevation contour lines, parallel to, and southwest of the original line, spaced at 100 metre intervals, with 50 metre stations. Lines should extend farther to the east where the anomaly currently remains open. The area to the northeast of the original line is predominantly ice covered, so would largely be inaccessible for sampling. Prospecting, rock sampling and geological mapping should also be undertaken in the anomalous areas to attempt to discover the sources of the anomalies, the host rocks and the style of mineralization.

Prospecting, rock sampling and geological reconnaissance were undertaken in areas to the west and east of the Ted Morris glacier, which are mapped as Hazelton and Stuhini Group rocks, respectively. The sampling in the northwest area (TM NW) included several well mineralized veins that are similar to nearby Minfile occurrences, as well as some veins located about 400 m southeast of the known occurrences. Quartz veins range from narrow stringers to 75 cm in width and some of the larger veins are enveloped by possible stockworks of mineralized quartz veinlets. Arsenopyrite is common in the veins, up to 10% or more, as is pyrite and less commonly, chalcopyrite. Veins in this area are reported to have yielded gold values up to 46.4 g/t (Assessment Report 27511) and, similarly, some of the 2016 rock samples also returned significant gold values up to 7.46 g/t. Perhaps more significantly, several samples in the south part of the TM NW map area returned moderate Ba values, some with anomalous Cu, Zn, Pb, Sb and Ag. These were described as predominantly quartz-siderite veins stained by manganese oxide, with several percent pyrite, chalcopyrite and arsenopyrite, hosted by carbonate altered and manganese oxide-stained foliated mafic tuff. This element assemblage is similar to Eskay-type mineralization, so these veins could represent cross-cutting feeder veins to overlying stratiform mineralization. Additional geological exploration is warranted in the southern part of the TM NW area to determine the potential for Eskay-type mineralization.

Prospecting and rock sampling in the southwest area (TM SW) indicated that most of the mineral occurrences are copper-bearing, with associated Fe, Ag and W, with lesser Mo. Mineralization in this area may have been influenced by intrusion of the Eocene Lee Brandt stock located nearby to the southwest. Hornfelsing and localized skarn alteration have been noted, as have areas of deeply weathered, pyritic and sericitic alteration, some of which contain molybdenite. The TM SW area has potential for porphyry-style Cu-Mo mineralization, however, to date no large areas of porphyry-type alteration have been observed, notwithstanding the fact that relatively extensive ice cover between anomalous sites may mask such alteration. Regional aeromagnetic data displayed on Map Place (http://webmap.em.gov.bc.ca/mapplace) shows that the sample area lies on the northeast shoulder of a strong magnetic high that traces the extent of the Lee Brandt stock. More detailed aeromagnetic data in the area of the copper-bearing showings may help determine the potential for a sizeable zone of porphyry-style mineralization.

Prospecting and rock sampling in the area east of Ted Morris glacier (TM E) has indicated that moderately to strongly anomalous barium values (>2500 ppm), are relatively extensive and that several of those samples also returned anomalous Ag, Cu, Pb, Zn, As and Sb. Samples are described as gossanous silicified felsic volcanic rocks containing 2-3% disseminated sulphide minerals and cut by quartz-pyrite or massive pyrrhotite veins that returned anomalous Cu and Ag values. Although the TM E area has been mapped as Stuhini Group sedimentary rocks in regional mapping it is possible that the rhyolitic rocks are part of the Hazelton Group and could host Eskay-type mineralization, such as that found in a rhyolite-mudstone sequence at the Spearhead occurrence, located 4.5 km to the northwest. Additional prospecting, rock sampling and detailed geological mapping are warranted in the TM E area to determine the host rocks and potential for Eskay-type mineralization.

Reconnaissance soil sampling around the locations of barium/base metal-bearing rocks could help define targets for more concentrated exploration. Detailed stream sediment sampling is also an effective method to test relatively large drainage basins for “pathfinder elements” and help focus exploration within those basins that return favourable results.

In summary, the presence on the southern part of the SIB property of possible Eskay Creek equivalent stratigraphy, along with occurrences of rhyolite-mudstone hosted sulphide mineralization and moderately to strongly anomalous “Eskay pathfinder” elements in soil and rock samples are all indications of potentially economic precious metals mineralization. There is good potential for discovery of a significant VMS or vein-type Au-Cu-Ag deposit on the southern part of the SIB property and further exploration is recommended.

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http://webmap.em.gov.bc.ca/mapplace/minpot/ex_assist.cfm
All BC GSB publications are available on-line at
http://www.empr.gov.bc.ca/MINING/GEOSCIENCE/PUBLICATIONSCATALOGUE/Pages/default.aspx

12.0 Statement of Expenditures

SIB Exploration Cost Statement, August 2, 2016 - February 9, 2017					
Explor. Work Type	**Details**				**Totals**
Geological Consulting		Days	Rate	Subtotal	
M. Balkam	Management, supervision	4	900	3,600	
J.Rowe - Geologist	Planning, research, report writing	10	650	6,500	
C. Greig - Geologist	Field supervsn, geology, rock sampling	12	800	9,600	
S. Rae - Geologist	Geology, rock sampling (*note)	9	600	5,400	
C. Barker-Prospector	Prospecting, rock sampling (*note)	9	450	4,050	
M. Greig - Assistant	Prospecting, soil sampling (*note)	9	400	3,600	
C.J.Greig & Associates	GIS prep of maps for report	3	450	1,350	
					34,100
Analytical		No.	Rate	Subtotal	
ALS Global Labs	Soils 65 x $40	65	40	2,600	
	Rocks 126 x $47	126	47	5,922	
	Sample shipping			360	
					8,882
Transportation					
SilverKing Helicopters	Helicopter access to property - 7.4 hrs			13,920	
					13,920
Equipment & Supplies	Field equipment, rentals, supplies			1,610	
	Office equip, software, digital maps			538	
					2,148
Travel &	Truck rental, fuel			1,030	
Accommodation	Airfares, luggage, taxis			1,140	
	Camp- food & accom 36 md @ 230/md			8,280	
	Travel room and meals			230	
					9,650
	Total Expenditures				**68,700**

(*note)

Field: Aug 23 - 31 7 days

Travel: Aug 2, Sep 2 2 days

13.0 Author's Statement of Qualifications

I, Jeffrey D. Rowe, of 111-6109 Boundary Drive W, Surrey, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. (Honours) (Geological Sciences, 1975) and have practiced my profession continuously from 1975 to 1999 and from 2007 to present.

2. I have been employed in the geoscience industry for over 30 years, and have explored for gold and base metals in North and South America for both senior and junior mining companies, on exploration properties as well as at a producing mine.

3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (license #19950).

4. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

5. I have no direct or indirect interest in the property described herein, nor do I expect to receive any.

6. I am the author of the report entitled; "2016 Geochemical & Geological Program on the SIB Property" dated September 30, 2017.

Dated at Surrey, British Columbia, this 30th day of September, 2017.

Respectfully submitted,

"J D Rowe"

Jeffrey D. Rowe, B.Sc., P.Geo.

Appendix I

Soil & Stream Sediment

Sample UTM Coordinates

&

Laboratory Analytical Certificates

Sample_No	Samp_Date	E_NAD83	N_NAD83	Elev	Rec Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
MGESK16S001	26-Aug-16	419476	6253499	1630	1.36	0.003	0.49	0.89	34.8	10	60	0.5	0.24	0.1	3.1	31.8	7.1	3	0.26	38.1	2.97	4.55	0.06	0.03	0.06	0.042	0.05	14.3	4.4	0.47	910
MGESK16S002	26-Aug-16	419526	6253410	1643	1.46	0.002	0.19	0.77	9.1	<10	70	0.6	0.19	0.05	1.59	59	3.9	3	0.24	18.1	2.91	4.5	0.07	0.03	0.01	0.043	0.05	23.9	3.6	0.35	752
MGESK16S003	26-Aug-16	419503	6253269	1614	0.8	0.002	0.48	0.63	18.5	10	80	0.56	0.19	0.05	1.82	64.7	4.8	1	0.23	16.4	3.07	4.28	0.08	<0.02	0.02	0.042	0.05	24	2.6	0.26	1100
MGESK16D001	24-Aug-16	425817	6267055	1305	0.54	0.007	0.27	2.26	26.8	10	150	0.68	0.19	0.08	0.24	40.7	14.5	8	2.49	31.2	4.66	5.89	<0.05	<0.02	0.12	0.051	0.05	16.9	16.9	0.62	702
MGESK16D002	24-Aug-16	425841	6267051	1317	0.56	0.014	0.45	2.57	28.7	10	80	0.76	0.17	0.03	0.22	39.7	11.4	8	2.35	28.7	5.13	6.69	<0.05	0.02	0.08	0.051	0.06	15	15.7	0.58	531
MGESK16D003	24-Aug-16	425863	6267036	1312	0.6	0.003	0.22	2	27.2	10	120	0.82	0.17	0.08	0.36	55.3	17.2	9	2.3	33.1	4.62	5.45	0.05	<0.02	0.08	0.05	0.05	19.6	17.8	0.66	1240
MGESK16D004	24-Aug-16	425890	6267035	1318	0.66	0.005	0.2	2.16	29.7	10	110	0.88	0.19	0.17	0.3	56.6	23	10	2.86	41.5	5.24	6.53	0.05	0.03	0.08	0.052	0.06	20.5	16.6	0.75	1700
MGESK16D005	24-Aug-16	425919	6267038	1320	0.58	0.003	0.21	2.02	27.2	10	90	0.78	0.17	0.16	0.24	46.9	21.7	9	2.35	35	4.75	6.14	0.05	0.02	0.07	0.051	0.06	17.9	15.1	0.71	1240
MGESK16D006	24-Aug-16	425938	6267047	1333	0.44	0.004	0.17	2.53	31.9	10	70	0.59	0.23	0.02	0.13	81.4	70.2	8	8.84	45.3	7.76	14.95	0.07	0.05	0.12	0.106	0.06	34	17.9	0.46	2840
MGESK16D007	24-Aug-16	425961	6267049	1341	0.58	0.003	0.23	2.38	33.5	10	90	0.57	0.12	0.02	0.11	58.3	17.4	6	11.45	36.5	6.23	5.69	0.06	0.02	0.2	0.056	0.06	21.5	18.8	0.43	732
MGESK16D008	24-Aug-16	425988	6267058	1353	0.62	0.004	0.25	1.97	32.2	10	140	0.86	0.17	0.13	0.32	51.3	21.9	9	3.94	40.6	5.06	5.79	<0.05	0.02	0.1	0.052	0.06	19.3	15.4	0.54	1360
MGESK16D009	24-Aug-16	426013	6267065	1358	0.64	0.004	0.29	2.04	27.8	10	210	1.07	0.14	0.17	0.95	53.2	16.9	8	4.86	27.6	4.06	5.65	0.05	0.02	0.07	0.044	0.06	20.3	14.5	0.5	1810
MGESK16D010	24-Aug-16	426043	6267065	1365	0.7	0.002	0.16	1.87	33.8	10	170	0.97	0.15	0.19	0.61	51.7	25.1	10	2.38	41.6	5.41	5.3	0.06	0.03	0.07	0.047	0.06	19.1	17.6	0.72	1520
MGESK16D011	24-Aug-16	426069	6267067	1382	0.72	0.003	0.17	1.78	43.3	10	150	1	0.15	0.2	0.74	56.6	30.7	10	2.14	47.8	5.61	5.09	0.07	0.05	0.08	0.049	0.05	21.9	17.6	0.71	1560
MGESK16D012	24-Aug-16	426089	6267081	1388	0.68	0.003	0.19	1.89	49.3	10	190	1.14	0.18	0.17	0.95	68.8	31	9	2.82	50.1	5.64	5.32	0.07	0.04	0.1	0.053	0.05	23.8	19.1	0.67	1680
MGESK16D013	24-Aug-16	426119	6267074	1393	0.66	0.002	0.13	1.89	17	10	130	0.96	0.11	0.21	0.38	98.2	16.4	9	4.75	28.5	3.6	5.05	0.06	0.03	0.04	0.038	0.08	33.6	15	0.72	1220
MGESK16D014	24-Aug-16	426144	6267069	1394	0.72	0.002	0.17	1.57	26.2	10	140	0.79	0.12	0.22	0.75	47.9	18.5	9	2.41	35.1	4.63	4.68	0.06	0.02	0.07	0.044	0.06	19.9	15.2	0.67	1060
MGESK16D015	24-Aug-16	426170	6267063	1399	0.74	0.003	0.17	1.47	27.8	10	120	0.79	0.13	0.17	0.76	40.2	18.8	9	2.05	35.3	4.81	4.41	0.07	0.04	0.06	0.045	0.05	16.8	14.6	0.65	1060
MGESK16D016	24-Aug-16	426196	6267059	1403	0.58	0.001	0.2	1.54	28.7	10	110	0.82	0.14	0.21	1.06	37.1	17.2	8	2.15	34.8	4.9	4.5	0.06	0.02	0.08	0.056	0.05	16.8	14.3	0.7	1100
MGESK16D017	24-Aug-16	426222	6267049	1400	0.84	0.002	0.19	1.61	27.7	10	130	0.94	0.16	0.17	0.88	45.4	19.2	8	2.35	35.8	4.99	5.04	0.06	0.05	0.08	0.049	0.05	17.6	16.5	0.7	1200
MGESK16D018	24-Aug-16	426243	6267043	1396	0.66	0.001	0.18	1.48	31.7	10	160	0.79	0.13	0.22	1.11	41.7	16.8	8	2.16	34	4.83	4.41	0.06	0.03	0.09	0.049	0.06	19	14.7	0.64	1080
MGESK16D019	24-Aug-16	426270	6267052	1395	0.76	0.003	0.16	2.55	55.6	10	140	0.68	0.31	0.32	0.16	45.8	24.7	9	3.03	64.5	5.39	7.77	0.05	0.06	0.06	0.064	0.09	14.9	16	0.89	787
MGESK16D020	24-Aug-16	426260	6267016	1373	0.74	0.002	0.15	2.21	63.3	10	170	0.79	0.3	0.11	0.52	46.2	24.4	10	3.41	52.2	5.13	6.42	0.05	0.03	0.08	0.055	0.05	15.2	19	0.75	1270
MGESK16D021	24-Aug-16	426282	6266997	1365	0.74	0.003	0.19	2.26	29.1	10	140	0.76	0.22	0.21	0.23	41	17.2	10	5.63	37.9	4.03	6.87	<0.05	0.03	0.04	0.045	0.07	13.4	19.5	0.83	1080
MGESK16D022	24-Aug-16	426297	6266974	1357	0.74	0.004	0.16	1.62	32.3	10	180	0.6	0.19	0.2	0.18	31.5	13.3	8	4.28	35.4	2.91	4.63	<0.05	<0.02	0.09	0.03	0.08	12.5	15.3	0.62	630
MGESK16D023	24-Aug-16	426326	6266973	1368	0.68	0.003	0.15	2.29	112	10	200	0.75	0.31	0.37	0.3	36.4	28.1	10	4.39	49.9	4.94	7.05	<0.05	0.03	0.09	0.048	0.09	13.7	18.7	0.99	1330
MGESK16D024	24-Aug-16	426356	6266970	1376	0.74	0.003	0.19	2.35	160.5	10	170	0.89	0.36	0.27	0.29	41.5	34.7	11	5.94	61.8	5.28	6.9	<0.05	0.03	0.1	0.049	0.09	14.4	22.2	0.94	1490
MGESK16D025	24-Aug-16	426382	6266969	1381	0.58	0.004	0.17	2.28	145.5	10	250	0.98	0.36	0.41	0.59	47.9	43.2	12	5.08	108.5	4.7	6.03	0.06	0.03	0.09	0.048	0.07	18.5	21.9	1.07	1520
MGESK16D026	24-Aug-16	426410	6266964	1388	0.58	0.008	0.21	2.48	37.1	10	150	0.8	0.22	0.51	0.18	46	24.4	11	3.67	46.3	4.44	7.71	<0.05	0.05	0.08	0.051	0.13	15	15	1.01	1160
MGESK16D027	24-Aug-16	426436	6266964	1398	0.62	0.004	0.31	2.54	34.4	10	110	0.96	0.16	0.14	0.17	72.8	15.4	18	4.47	32.1	3.9	7.55	0.05	0.03	0.06	0.047	0.07	17.7	23.1	0.73	1200
MGESK16D028	24-Aug-16	426460	6266962	1401	0.62	0.003	0.17	2.27	18.3	10	110	0.63	0.17	0.43	0.15	35.4	18.1	10	3.12	26.4	4.06	7.32	<0.05	0.04	0.07	0.049	0.11	11.7	13.8	0.92	1420
MGESK16D029	24-Aug-16	426491	6266948	1404	0.64	0.002	0.14	2.17	24.3	10	130	0.55	0.18	0.21	0.12	33.3	13.5	13	4.06	33.9	3.54	6.52	<0.05	0.02	0.05	0.039	0.08	9.8	16.3	0.64	932
MGESK16D030	24-Aug-16	426524	6266944	1401	0.56	0.001	0.13	1.41	41.3	10	380	0.56	0.16	0.61	0.2	22.6	10.5	13	6.5	22.1	2.48	4.62	<0.05	0.02	0.04	0.023	0.08	9.1	17	0.56	739
MGESK16D031	24-Aug-16	426620	6266843	1377	0.82	0.002	0.17	1.35	14.1	10	120	0.8	0.13	0.17	0.18	42	13.7	9	2.86	27.6	3.81	4.09	0.05	0.02	0.05	0.032	0.05	19.4	13.7	0.62	772
MGESK16D032	24-Aug-16	426626	6266770	1342	0.74	0.095	0.47	1.03	16.1	10	190	0.29	0.15	0.3	0.15	17.8	11.6	2	1.68	21.8	3.3	2.74	0.07	0.03	0.1	0.012	0.03	9.4	20.5	0.54	724
MGESK16D033	25-Aug-16	419414	6254434	2100	0.7	0.005	0.72	1.54	43.4	10	60	0.3	0.15	0.52	0.69	22.2	28.5	26	0.2	103.5	5.44	4.26	0.07	0.03	0.18	0.03	0.02	12.7	18.2	1.24	1360
MGESK16D034	25-Aug-16	419348	6254465	2084	0.66	0.009	1.83	1.95	29.3	<10	170	0.51	0.21	0.45	13.9	34.3	43.8	18	0.57	236	7.41	7.23	0.08	0.05	0.16	0.054	0.04	21.2	16.2	1.58	2230
MGESK16D035	25-Aug-16	419289	6254504	2051	0.74	0.035	5.28	1.3	391	10	210	0.65	0.28	0.44	6.4	38.8	41.9	11	0.79	257	6.87	4.35	0.05	0.04	0.1	0.056	0.08	19.7	7.8	0.81	2740
MGESK16D036	25-Aug-16	419223	6254462	2013	0.68	0.020	1.69	2.49	48.5	10	180	0.84	0.21	0.53	1.39	28.9	35.6	19	2.11	184	7.1	9.83	0.08	0.07	0.03	0.063	0.37	17.5	12.9	1.92	1300
MGESK16D037	25-Aug-16	419197	6254387	1992	0.64	0.008	1.38	1.99	50.2	<10	130	0.69	0.14	0.71	0.99	28.8	36.3	16	1.33	190	6.76	7.86	0.09	0.04	0.03	0.053	0.22	17.2	9.4	1.54	1430
MGESK16D038	25-Aug-16	419133	6254344	1950	0.7	0.008	1.27	2.35	66.6	10	120	0.87	0.13	0.57	1.14	26.6	36	18	1.7	169.5	6.99	9.57	0.1	0.04	0.04	0.057	0.28	15.5	10.1	1.85	1560
MGESK16D039	25-Aug-16	419058	6254334	1934	0.68	0.004	0.83	2.5	27.9	<10	90	0.89	0.17	0.22	1.29	28	30.6	18	1.15	127.5	5.6	8.01	<0.05	0.03	0.04	0.042	0.15	12.8	12	1.4	1620
MGESK16D040	25-Aug-16	418986	6254347	1912	0.7	0.006	1.43	2.27	87.2	10	90	0.91	0.2	0.21	2.2	37.7	26	18	1.07	127	5.6	7.72	0.05	0.05	0.04	0.054	0.14	18.4	11.5	1.17	1690
MGESK16D041	25-Aug-16	418914	6254362	1909	0.62	0.004	0.15	3.15	17.9	10	170	0.84	0.08	0.41	0.29	16.65	26.7	12	3.74	102.5	6.01	11.45	0.05	0.02	0.03	0.024	0.58	6.9	17.4	1.76	1140
MGESK16D042	25-Aug-16	418838	6254364	1899	0.74	0.001	0.24	3.67	8.2	10	650	1.13	0.04	1.24	0.23	15.55	33.5	11	6.56	179.5	7.04	15	0.11	0.1	0.01	0.021	2.21	8	21.1	2.46	1140
MGESK16D043	25-Aug-16	418769	6254328	1860	0.68	0.002	0.44	3.38	57.9	10	270	1.15	0.06	0.94	0.44	19.3	32.9	13	4.5	152.5	6.7	13.4	0.11	0.03	0.03	0.033	1.15	10.1	17.4	2.33	1360

Sample_No	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
MGESK16S001	2.92	<0.01	0.1	3.4	330	74.6	2.8	<0.001	0.03	3.02	2.1	3.5	0.2	9.6	<0.01	0.02	2.2	0.006	0.05	0.67	13	0.1	7.59	426	1.5
MGESK16S002	4.43	0.01	0.18	1.8	240	31.5	3.2	<0.001	0.02	1.69	2.1	0.9	0.2	4.2	<0.01	0.01	1.9	0.007	0.04	0.58	7	0.14	9.04	200	1.5
MGESK16S003	5.64	0.01	0.26	1.8	300	50.7	3.4	<0.001	0.03	2.42	2	1.1	0.2	5.6	<0.01	0.01	2.5	0.01	0.05	0.72	6	0.18	9.11	232	0.8
MGESK16D001	5.62	0.01	0.73	13.7	780	16.1	4.7	0.001	0.03	2.13	3.1	0.8	0.7	10.4	<0.01	0.07	0.3	0.026	0.4	0.73	39	0.13	18	114	<0.5
MGESK16D002	4.73	0.01	2.17	11.4	710	17.6	6.2	<0.001	0.03	2.27	2.5	0.8	1	8.2	<0.01	0.1	0.3	0.042	0.3	0.72	39	0.12	14.5	107	1
MGESK16D003	6.05	0.01	0.38	16.3	650	18.4	3.3	0.001	0.02	2.08	4.2	0.7	0.6	10.9	<0.01	0.06	0.5	0.035	0.37	0.6	38	0.09	18.35	121	<0.5
MGESK16D004	4.62	0.05	1.12	14.1	1120	19.6	4.5	0.001	0.03	1.89	6.2	0.7	0.9	20	<0.01	0.06	1.2	0.082	0.31	0.79	48	0.13	23.2	107	1.6
MGESK16D005	4.61	0.05	1.05	14	930	17.7	3.9	<0.001	0.03	1.89	4.7	0.7	0.8	18.9	<0.01	0.05	0.7	0.073	0.29	0.64	46	0.11	18.2	98	1.2
MGESK16D006	8.97	0.01	10.9	15.8	590	19.4	4.3	0.001	0.06	3.29	4.6	1.4	3.3	7.7	0.01	0.07	1.2	0.053	0.33	1.72	32	0.26	40	123	2.9
MGESK16D007	5.93	<0.01	1.65	9.4	650	20.9	4	<0.001	0.04	3.91	4.4	1.2	0.8	8.1	<0.01	0.17	0.9	0.059	0.26	1.4	28	0.1	25.5	96	1.1
MGESK16D008	4.53	0.02	0.97	15.1	1350	23.1	4.5	<0.001	0.04	2.64	3.9	0.7	0.8	21.2	<0.01	0.06	0.6	0.043	0.28	0.77	37	0.1	18.45	106	0.8
MGESK16D009	3.54	0.03	1.55	13.3	790	66.6	4.8	<0.001	0.02	1.72	3.6	0.5	0.8	19	<0.01	0.04	0.9	0.046	0.22	0.6	32	0.16	19.05	155	1.1
MGESK16D010	3.75	0.04	0.52	20.1	970	22.7	2.8	0.001	0.02	2.56	5.9	0.6	0.6	22.6	<0.01	0.04	1.6	0.067	0.31	0.57	37	0.14	21.3	132	1.5
MGESK16D011	4.1	0.04	0.56	22.2	1060	21.5	2.4	0.001	0.02	2.91	5.8	0.6	0.6	23.4	<0.01	0.04	1.5	0.064	0.31	0.57	37	0.13	24.7	134	2.2
MGESK16D012	4.5	0.02	0.44	24	1050	27.3	2.7	0.001	0.02	3.12	6.1	0.6	0.6	21.2	<0.01	0.06	1.6	0.044	0.43	0.64	35	0.15	25.9	149	1.8
MGESK16D013	2.41	0.06	0.42	14.3	740	29.4	4.1	<0.001	0.01	1.11	4.4	0.2	0.5	22.2	<0.01	0.03	1.8	0.07	0.21	0.54	35	0.11	18.55	107	1.1
MGESK16D014	4.91	0.03	0.34	20.3	930	19.1	2.4	0.001	0.02	1.88	5	0.6	0.5	20.7	<0.01	0.04	1.1	0.053	0.35	0.55	35	0.1	21.7	124	0.8
MGESK16D015	5.9	0.03	0.26	22.4	850	17.6	2	0.001	0.02	2.08	5.2	0.7	0.4	18.3	<0.01	0.04	1.4	0.05	0.39	0.51	34	0.1	18.95	130	2.1
MGESK16D016	7.83	0.05	0.35	27.4	890	17.6	2	0.002	0.03	1.88	5.7	0.9	0.5	20.9	<0.01	0.05	1.1	0.057	0.57	0.54	37	0.09	18.45	146	0.9
MGESK16D017	6.49	0.03	0.27	22.8	850	18	2.2	0.001	0.02	1.85	6	0.6	0.5	17.7	<0.01	0.04	1.7	0.052	0.48	0.6	36	0.1	19.6	153	2.5
MGESK16D018	7.69	0.02	0.23	27	830	19.9	2.1	0.002	0.02	1.92	5.5	0.7	0.5	20.9	<0.01	0.03	1.5	0.037	0.56	0.55	34	0.09	19.45	147	1.4
MGESK16D019	3.58	0.14	1.43	13.8	960	16.9	4	0.002	0.03	2.19	8.5	1.3	1.1	41.5	<0.01	0.11	1.9	0.153	0.44	1.04	72	0.13	13.7	91	4.2
MGESK16D020	5.75	0.01	0.9	19.1	970	19.8	3.4	0.001	0.02	2.17	6.5	0.9	0.9	17.6	<0.01	0.1	1.5	0.069	0.64	1.04	55	0.12	14.6	113	1.3
MGESK16D021	2.14	0.05	1.49	12.3	860	21.5	6.2	<0.001	0.02	2.82	4.6	0.5	1	23.1	<0.01	0.07	1.1	0.086	0.24	0.93	50	0.24	12.05	78	1.6
MGESK16D022	1.38	0.01	0.72	9.2	780	27.3	6	0.001	0.01	4.47	4.1	0.3	0.6	17.2	<0.01	0.05	1.3	0.072	0.23	0.92	42	0.37	11.6	66	0.7
MGESK16D023	2.67	0.09	0.72	13.5	970	21.1	4.6	0.001	0.02	5.68	6.9	0.6	0.9	37.8	<0.01	0.1	1.7	0.144	0.43	1.1	72	0.32	12.85	81	2
MGESK16D024	3.19	0.07	0.63	17.4	1000	22.1	5.1	0.001	0.02	6.87	7.9	0.7	0.9	31.6	<0.01	0.1	1.8	0.122	0.58	1.15	68	0.39	14.5	91	1.8
MGESK16D025	2.96	0.08	0.9	17.7	960	22.9	3.7	0.003	0.04	3.15	6.6	1.3	0.7	43.4	<0.01	0.12	1.3	0.116	0.56	0.96	63	0.15	18.2	89	1.8
MGESK16D026	2.32	0.22	1.61	14.6	900	21.6	6.6	0.001	0.04	1.73	6.6	0.7	1.1	60.1	0.01	0.05	1.3	0.193	0.33	0.76	68	0.2	14.45	74	3.6
MGESK16D027	2.2	0.03	1.22	15.9	1040	19.1	10.9	<0.001	0.03	1.91	4.7	0.4	1.2	14.8	<0.01	0.04	0.9	0.069	0.26	1.51	47	0.2	25	84	1.4
MGESK16D028	2.57	0.19	1.79	13.1	780	17.8	7.2	<0.001	0.04	1.39	4.8	0.6	1.2	46.6	0.01	0.04	1	0.168	0.2	0.78	58	0.1	10.65	67	3.3
MGESK16D029	2.13	0.04	2.57	12	1310	15.1	7.9	<0.001	0.04	1.47	2.6	0.5	1	19	<0.01	0.03	0.3	0.063	0.21	1.02	47	0.25	8.41	68	1.4
MGESK16D030	1.66	0.02	2.28	12.3	700	12.7	6.4	0.001	0.09	1.23	1.7	1	0.7	35.1	<0.01	0.04	0.2	0.048	0.16	0.97	35	0.13	9.16	54	1
MGESK16D031	1.94	0.02	0.6	11.7	680	20.2	3	<0.001	0.02	1.33	3.5	0.2	0.5	17.6	<0.01	0.04	1.5	0.068	0.1	0.56	26	0.12	13.65	86	1.3
MGESK16D032	1.11	0.01	0.16	3.8	1130	10.4	1.5	<0.001	0.07	1.55	2.3	0.2	0.2	14.9	<0.01	0.09	2	0.032	0.03	0.59	23	0.15	8.88	63	1.6
MGESK16D033	16.2	0.01	0.05	72.9	1460	27.5	1.3	0.001	0.04	9.73	2.9	2.5	<0.2	59.4	<0.01	0.11	1.5	0.014	0.11	0.95	29	<0.05	12.7	128	1.5
MGESK16D034	23	0.01	0.14	56.3	1960	170.5	2.6	0.002	0.07	23.8	7.1	7	<0.2	57.2	<0.01	0.11	1.7	0.032	0.1	1.27	93	0.07	15.4	626	2.5
MGESK16D035	7.14	0.01	0.25	41.5	2210	385	5.2	0.001	0.06	62.1	6.3	2.5	0.2	76.6	<0.01	0.12	1.9	0.016	0.09	0.73	48	0.06	17	598	2.3
MGESK16D036	6.74	0.02	0.12	32	2110	66.6	26.3	<0.001	0.03	6.49	13.5	1.4	0.4	63.3	<0.01	0.09	1.9	0.095	0.21	0.69	147	0.1	15.25	205	4.3
MGESK16D037	4.21	0.01	0.06	45.8	2190	22.3	19.6	0.001	0.06	4.56	11	1.8	0.2	45.4	<0.01	0.09	1.3	0.063	0.15	0.3	130	0.1	15.3	144	2.2
MGESK16D038	3.35	0.01	0.07	34.2	2320	29.9	25.7	<0.001	0.03	5.09	14.2	1.2	0.3	40.9	<0.01	0.08	1.2	0.081	0.18	0.32	164	0.12	13.6	152	2
MGESK16D039	3.26	0.01	0.56	41.5	1510	30.2	14.2	<0.001	0.03	3.45	6.6	1.3	0.6	20.2	<0.01	0.1	1.1	0.069	0.15	0.42	95	0.16	11.85	185	1.5
MGESK16D040	4.58	0.01	0.78	42.9	1690	74.6	12.4	<0.001	0.03	9.13	6.4	1.6	0.7	19.7	<0.01	0.1	1.2	0.053	0.13	0.6	84	0.18	16.3	320	2.1
MGESK16D041	0.91	0.01	0.38	13.8	1280	27	46	<0.001	0.05	1.47	4.3	0.3	0.3	25	<0.01	0.04	0.3	0.073	0.19	0.26	175	0.12	5.94	113	0.6
MGESK16D042	0.21	0.01	0.05	12.6	3230	13	77.1	0.001	<0.01	0.32	11.6	<0.2	0.2	57	<0.01	0.03	0.8	0.108	0.26	0.18	225	0.23	8.83	98	2.4
MGESK16D043	0.56	0.01	0.12	15.2	2430	23.6	62.5	<0.001	0.02	1.46	14.4	0.2	0.3	49	<0.01	0.03	0.9	0.132	0.32	0.23	216	0.15	10.8	109	1

Sample_No	Samp_Date	E_NAD83	N_NAD83	Elev	Rec Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
MGESK16D044	25-Aug-16	418695	6254342	1846	0.66	0.002	0.26	3.27	21	10	510	1.29	0.06	0.94	0.3	15.2	31.9	13	5.46	139	5.92	12.2	0.11	0.03	0.04	0.022	0.92	7.5	24.1	2.26	1290
MGESK16D045	25-Aug-16	418627	6254377	1830	0.8	0.002	0.13	3.11	10	10	170	1.13	0.1	0.5	0.27	18.2	27.9	16	3.09	107.5	5.6	12.25	0.1	0.02	0.01	0.028	0.49	8.4	18.2	1.9	1020
MGESK16D046	25-Aug-16	418565	6254427	1812	0.82	0.001	0.17	2.58	8.7	10	700	0.94	0.05	1.76	0.23	16.85	25	12	3.64	122.5	5.3	9.87	0.19	0.13	0.01	0.021	1.08	8.9	15.4	1.95	859
MGESK16D047	25-Aug-16	418489	6254440	1809	0.7	0.002	0.33	2.48	9.7	10	110	1.14	0.14	0.37	0.32	18.25	21.9	19	1.86	80	5.03	10.05	0.07	0.04	0.03	0.029	0.25	8	16.6	1.37	861
MGESK16D048	25-Aug-16	418431	6254489	1805	0.68	0.003	0.48	2.23	10.1	10	110	0.78	0.1	0.37	0.58	12.85	21	18	1.47	89.9	4.76	8.62	0.05	<0.02	0.04	0.025	0.16	6.3	11.9	1.22	727
MGESK16D049	25-Aug-16	418392	6254553	1806	0.7	0.018	3.41	2.84	548	10	440	0.81	0.32	0.49	3.58	29.6	54.1	32	1.57	*306*	9.13	8.26	0.07	0.06	0.09	0.081	0.14	17.3	13	1.28	2760
MGESK16D050	25-Aug-16	418355	6254620	1814	0.68	0.005	4.19	2.74	33.9	10	120	0.65	0.16	0.2	12.35	18.6	59.8	37	0.68	*296*	8.71	6.99	0.06	0.02	0.15	0.109	0.05	10	11.3	1.2	2630
MGESK16D051	25-Aug-16	418322	6254685	1796	0.7	0.005	0.77	2.57	58.9	10	130	0.79	0.12	0.43	0.81	20.1	27.3	21	1.45	123	5.27	7.86	0.06	0.03	0.03	0.03	0.19	9.3	12.8	1.59	1060
MGESK16D052	25-Aug-16	418312	6254762	1780	0.74	0.012	0.8	2.52	40.7	10	100	0.77	0.15	0.26	0.58	15.55	23.5	21	1.14	98.4	5.23	9.09	<0.05	<0.02	0.04	0.035	0.1	7.5	12.2	1.39	1100
MGESK16D053	25-Aug-16	418278	6254824	1773	0.68	0.004	1.25	1.96	32.7	10	160	0.6	0.19	0.19	3.22	24.5	46.4	22	1.01	260	8.59	6.67	0.06	0.02	0.08	0.061	0.16	15.6	8.9	1.21	2500
MGESK16D054	25-Aug-16	418235	6254765	1754	0.74	0.007	3.06	2.01	57.8	10	140	0.58	0.16	0.44	2.8	24.9	28.6	20	0.85	148	5.32	6.74	0.06	<0.02	0.03	0.048	0.14	14.4	9.6	1.18	1300
MGESK16D055	25-Aug-16	418184	6254783	1738	0.7	0.011	2.25	2.15	50.3	<10	130	0.6	0.2	0.29	1.92	21.7	29	20	1.31	145.5	5.12	7.03	0.06	<0.02	0.09	0.049	0.24	11.9	11.9	1.38	1050
MGESK16D056	25-Aug-16	418149	6254825	1730	0.66	0.009	1.47	2.3	25.3	10	110	0.78	0.21	0.22	0.71	25	19.7	24	0.81	107.5	5.06	8.47	0.05	0.02	0.05	0.047	0.13	12.6	11.5	1.13	762
MGESK16D057	25-Aug-16	418103	6254814	1711	0.78	0.008	1.52	1.51	28.5	10	140	0.53	0.13	0.56	1.35	21.9	18.1	16	0.76	106.5	4.39	5.43	0.09	0.02	0.03	0.035	0.2	12	8.2	0.95	685
MGESK16D058	25-Aug-16	418072	6254777	1699	0.72	0.006	1.38	2.24	22.6	10	350	0.61	0.12	1.79	1.45	15.5	28.2	25	1.75	150.5	5.69	8.31	0.07	0.11	0.04	0.032	0.73	8.5	12.9	1.78	929
MGESK16D059	25-Aug-16	418037	6254741	1694	0.7	0.012	2.58	2.29	39.4	10	220	1.66	0.38	0.2	3.07	50.3	23.3	27	0.98	124	5.71	9.39	0.07	0.04	0.06	0.105	0.13	28.6	12.7	1.06	1910
MGESK16D060	25-Aug-16	417996	6254714	1686	0.8	0.010	2.22	2.47	33.7	10	170	2.14	0.38	0.17	1.3	64.9	18.4	23	1.29	109	5.22	11.6	0.08	0.05	0.05	0.091	0.16	33.3	13.9	0.94	955
MGESK16D061	25-Aug-16	417948	6254717	1677	0.76	0.004	3.21	1.51	45	10	200	0.37	0.39	0.16	2.37	20.6	27.4	22	0.6	148.5	4.5	4.23	0.07	0.02	0.15	0.079	0.11	12	8	0.75	1300
MGESK16D062	25-Aug-16	417909	6254752	1668	0.76	0.011	1.79	2.38	23.1	10	140	1.62	0.34	0.17	0.83	57.9	16.5	23	1.38	101.5	4.52	10.7	0.07	0.06	0.05	0.082	0.18	29.3	12.4	0.83	741
MGESK16D063	25-Aug-16	417863	6254784	1673	0.68	0.011	1.04	1.91	33.5	10	170	0.44	0.21	0.18	0.97	24	20.1	18	0.36	152.5	5.2	4.95	0.05	<0.02	0.1	0.051	0.06	13	8.5	0.94	1480
MGESK16D064	25-Aug-16	417827	6254820	1661	0.62	0.009	3.7	2.62	55.3	10	110	0.61	0.34	0.04	0.81	20.8	9.4	26	0.49	94.7	4.8	8.93	<0.05	0.03	0.12	0.074	0.06	12.1	8.7	0.74	502
MGESK16D065	25-Aug-16	417777	6254816	1649	0.68	0.005	1.1	2.8	43.9	<10	130	1.3	0.28	0.15	1.48	39.9	24.3	46	1.11	113	5.33	11.45	0.06	0.02	0.04	0.072	0.12	21	11.5	1.27	1400
MGESK16D066	25-Aug-16	417729	6254799	1642	0.7	0.005	0.58	2.62	33.2	10	100	0.77	0.26	0.15	0.56	35.3	17.5	33	1.01	99.9	5.41	11.9	0.05	0.06	0.07	0.076	0.14	14.1	7.3	1.08	1050
MGESK16D067	25-Aug-16	417666	6254814	1617	0.64	0.010	2.02	2.63	42.1	10	160	0.76	0.47	0.09	0.78	29.3	25.1	31	0.84	143.5	5.41	8.67	0.05	0.03	0.03	0.094	0.13	12.2	7.8	1.02	1440
MGESK16D068	25-Aug-16	417612	6254869	1614	0.66	0.001	0.06	2.59	3.1	10	90	0.35	0.03	0.38	0.16	6.94	25.9	172	0.92	90.1	3.87	5.88	0.05	0.03	0.01	0.007	0.72	3.6	8.9	1.61	815
MGESK16D069	25-Aug-16	417605	6254945	1606	0.7	0.005	0.42	2.81	19.2	10	120	1.05	0.18	0.19	0.4	30.7	26.6	49	1.01	115.5	5.57	9.85	0.07	0.06	0.02	0.056	0.45	11.7	9.5	1.69	1180
MGESK16D070	25-Aug-16	417589	6255018	1606	0.6	0.005	0.12	2.78	3.3	10	160	0.56	0.04	0.55	0.11	7.28	27.3	64	0.91	106	5.39	8.57	0.06	<0.02	0.02	0.008	1.02	3.3	10.8	2.15	975
MGESK16D071	25-Aug-16	417598	6255093	1609	0.64	0.003	0.37	2.68	18.2	10	100	0.7	0.12	0.29	0.45	14.85	19.7	29	1.01	96.4	4.67	7.06	0.05	0.03	0.04	0.032	0.27	6.7	9.8	1.41	869
MGESK16D072	25-Aug-16	417584	6255164	1604	0.78	0.004	0.15	2.55	13	10	90	0.64	0.13	0.33	0.3	14.5	20.3	30	0.8	102.5	4.97	7.97	0.06	<0.02	0.03	0.025	0.38	6.2	9.5	1.59	904
MGESK16D073	25-Aug-16	417592	6255238	1597	0.78	0.004	0.48	2.75	14.7	10	90	2.08	0.23	0.18	0.37	57.5	14.4	22	1.45	78	4.52	12.9	0.09	0.1	0.02	0.066	0.26	26.8	11.4	1.01	768
MGESK16D074	25-Aug-16	417587	6255314	1592	0.66	0.006	0.31	1.85	25.2	10	60	0.4	0.21	0.1	0.31	14.3	11.8	21	0.73	68.2	4.1	7.82	<0.05	0.02	0.04	0.043	0.09	7.3	6.3	0.79	618
MGESK16D075	25-Aug-16	417582	6255391	1589	0.6	0.003	0.46	2.02	16.3	10	90	0.52	0.13	0.16	0.24	11.95	14.7	21	0.77	73.1	4.31	8.5	<0.05	<0.02	0.05	0.028	0.2	6.2	6.7	0.98	705
MGESK16D076	25-Aug-16	417566	6255464	1581	0.62	0.006	0.54	2.53	28.4	10	120	1.64	0.16	0.23	0.83	46.6	22.5	23	1.01	97.9	4.68	7.84	0.06	0.08	0.02	0.046	0.23	19.1	12.4	1.3	1160
MGESK16D077	25-Aug-16	417503	6255503	1563	0.7	0.006	0.43	2.16	27.6	10	80	0.68	0.19	0.2	0.4	26.2	21.3	22	0.86	126.5	4.79	7.91	0.05	0.03	0.02	0.05	0.14	11.5	8.6	1.14	1040
MGESK16D078	25-Aug-16	417465	6255568	1552	0.56	0.008	0.64	2.8	33.9	10	110	0.72	0.3	0.19	0.49	26.6	35.8	25	1.06	185	5.58	9.32	0.05	<0.02	0.04	0.054	0.19	12.2	10.4	1.34	1770
MGESK16D079	25-Aug-16	417424	6255634	1531	0.72	0.003	0.31	2.56	19.3	10	60	0.78	0.29	0.2	0.42	26.7	15.1	17	0.91	75.7	4.5	9.16	0.05	0.04	0.05	0.045	0.14	8.8	10	1.03	839
MGESK16D080	25-Aug-16	417415	6255710	1534	0.54	0.006	1.1	3.43	11.7	10	30	1.9	0.24	0.14	0.24	51.8	10.3	14	0.87	43.3	4.5	16.5	0.06	0.32	0.06	0.083	0.08	23.4	10.2	0.65	578
MGESK16D081	25-Aug-16	417382	6255780	1534	0.74	0.005	0.46	2.44	23.3	10	80	0.66	0.14	0.23	0.44	22.6	17.9	22	0.66	103	4.56	7.79	<0.05	<0.02	0.05	0.038	0.11	9.6	10.3	1.22	843
MGESK16D082	25-Aug-16	417360	6255852	1535	0.64	0.006	0.45	2.96	29	10	130	0.67	0.15	0.22	0.59	22.9	29.1	32	0.87	142	5.41	9.13	<0.05	<0.02	0.04	0.049	0.16	9.7	11.8	1.64	1280
MGESK16D083	25-Aug-16	417339	6255923	1523	0.76	0.008	0.39	2.27	24.6	10	80	1.11	0.13	0.29	0.5	40.7	19.8	18	1.31	113.5	4.35	6.91	0.07	0.07	0.03	0.038	0.22	18.5	10.7	1.22	923
MGESK16D084	25-Aug-16	417320	6255997	1513	0.7	0.005	0.49	2.44	25.1	10	100	0.76	0.17	0.24	0.63	24.9	27.9	21	1.03	116.5	4.86	7.7	0.06	0.04	0.02	0.04	0.26	11.3	10.5	1.33	1290
MGESK16D085	25-Aug-16	417309	6256072	1499	0.66	0.006	0.45	2.7	19.2	10	50	1.58	0.25	0.1	0.22	65.2	11.1	16	1.18	64.9	4.57	15	0.06	0.15	0.02	0.072	0.11	22.9	11.1	0.74	607
MGESK16D086	25-Aug-16	417300	6256145	1491	0.6	0.006	0.63	2.68	91.9	10	110	1.78	0.19	0.11	1.41	92.1	36.8	16	1.42	93.8	10.95	10.75	0.08	0.11	0.06	0.115	0.07	26.8	9.2	0.68	4180
MGESK16D087	25-Aug-16	417277	6256217	1484	0.68	0.006	0.81	2.46	27.7	10	70	1.09	0.16	0.23	0.51	42	22.6	21	0.79	104	4.5	7.48	0.05	0.05	0.03	0.045	0.14	12.1	12.2	1.2	1140
MGESK16D088	25-Aug-16	417252	6256289	1480	0.62	0.007	1.22	2.44	20.4	10	40	1.55	0.22	0.1	0.24	53	11.4	14	0.91	61.9	4.13	11.7	0.06	0.18	0.03	0.065	0.1	16.7	9.5	0.69	598
MGESK16D089	25-Aug-16	417226	6256361	1480	0.62	0.009	0.36	2.98	21.4	10	70	1.66	0.32	0.14	0.35	50.9	14.9	18	0.99	64.1	4.92	15.65	<0.05	0.11	0.05	0.076	0.07	18	12.6	0.75	1100

Sample_No	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
MGESK16D044	0.52	0.02	0.28	13.4	1910	15.2	48.5	<0.001	0.05	0.64	7.5	0.2	0.2	49.5	<0.01	0.04	0.4	0.089	0.22	0.22	180	0.14	8.27	94	0.8
MGESK16D045	0.83	0.01	0.4	15.9	1690	13.9	30.1	<0.001	0.02	0.63	6.5	0.3	0.6	31.5	<0.01	0.04	0.8	0.127	0.19	0.34	164	0.19	8.01	89	1.1
MGESK16D046	0.55	0.03	0.1	13.3	3380	11.6	37.9	<0.001	<0.01	0.55	13.6	0.3	0.3	64.9	<0.01	0.03	0.8	0.104	0.15	0.24	186	0.25	11.4	77	4.2
MGESK16D047	3.79	<0.01	2.23	18.9	860	13.1	17.8	<0.001	0.03	1.64	3.7	1.1	1.2	31.5	<0.01	0.05	0.5	0.145	0.11	0.6	133	0.17	7.33	96	2.9
MGESK16D048	3.09	<0.01	0.94	22.5	1330	15.1	11.7	<0.001	0.04	2.39	2.9	1.8	0.5	31.1	<0.01	0.07	0.2	0.104	0.1	0.46	124	0.14	5.79	99	0.8
MGESK16D049	18.9	<0.01	0.16	143	1650	42	12.7	0.002	0.02	19.5	9.4	7.7	0.3	40.5	<0.01	0.28	1.1	0.046	0.13	0.82	118	0.17	24	236	2.1
MGESK16D050	12.05	<0.01	0.36	133.5	2050	31.3	6.6	0.001	0.07	5.06	4.6	8.3	0.4	26.5	<0.01	0.21	0.6	0.07	0.1	0.92	92	0.18	16.65	962	0.7
MGESK16D051	6.29	<0.01	0.32	42.6	1630	18.7	12	0.001	<0.01	5.05	4.3	2.6	0.3	35.7	<0.01	0.1	1	0.103	0.13	0.48	108	0.19	7.8	152	1.4
MGESK16D052	5.04	<0.01	0.87	30.3	1450	18.8	10	<0.001	0.04	4.01	3.5	2.3	0.7	24.5	<0.01	0.09	0.4	0.097	0.1	0.55	118	0.14	6.87	141	0.8
MGESK16D053	3.97	<0.01	0.16	80.6	1650	34.8	12	<0.001	0.01	3.61	7	2.7	0.2	12.6	<0.01	0.14	1.3	0.055	0.1	0.63	80	0.2	22.2	311	0.5
MGESK16D054	6.97	<0.01	0.18	51.6	1570	36.3	8.5	0.001	<0.01	8.79	5.1	3	0.4	33	<0.01	0.12	0.9	0.079	0.09	0.58	89	0.17	11.7	234	<0.5
MGESK16D055	8.31	<0.01	0.21	54.5	1010	30.6	13.5	0.001	<0.01	5.35	5.3	2	0.4	26.3	<0.01	0.15	1.4	0.097	0.12	1.2	84	0.15	12.8	278	0.8
MGESK16D056	16.1	<0.01	1.36	45.3	1330	20.2	9.4	0.001	0.03	5.44	3.5	4.4	1	29.4	<0.01	0.13	0.8	0.07	0.16	1.72	97	0.19	9.59	156	1.2
MGESK16D057	11.35	0.01	0.31	39.1	1930	19.8	9.5	<0.001	0.02	5.96	4.6	3.8	0.3	43.8	<0.01	0.1	1.4	0.077	0.11	1	83	0.19	9.57	162	1
MGESK16D058	10.7	0.01	0.05	47.7	2170	17.2	27.2	0.001	0.04	5.26	5.4	3.8	0.2	83.4	<0.01	0.1	1.4	0.098	0.2	0.68	118	0.19	9.39	180	4.9
MGESK16D059	17.15	0.02	1.23	70.3	1190	28.9	11	0.001	0.03	8.29	5.3	4.7	1.8	31.4	<0.01	0.13	3.5	0.078	0.2	2.79	61	0.25	25.6	294	4.6
MGESK16D060	15.1	0.03	2.74	49.7	1260	33.6	15.4	0.001	0.03	6.81	4.6	4.1	2.6	30.8	<0.01	0.14	3.9	0.072	0.25	3.13	59	0.35	26.9	246	6.1
MGESK16D061	23.6	0.01	0.12	74.8	1260	30.2	6.7	0.002	0.04	12.9	4.3	12.9	0.3	38.3	<0.01	0.23	1.7	0.032	0.29	2.01	56	0.14	9.93	244	1.4
MGESK16D062	12.85	0.06	3.79	45.7	1060	25.3	14.7	<0.001	0.02	5.4	4.2	3.9	2.6	25.4	<0.01	0.11	3.5	0.1	0.21	2.47	59	0.32	22.2	202	7.9
MGESK16D063	23.3	0.01	0.52	51.4	1520	21.1	5.3	0.001	0.07	6.47	2.6	6.1	0.3	36.7	<0.01	0.16	0.7	0.054	0.23	1.3	65	0.15	8.5	176	<0.5
MGESK16D064	14.15	0.01	2.87	43.4	930	21.3	6.5	0.001	0.05	9.08	1.7	6.7	1.5	19.6	<0.01	0.16	0.2	0.031	0.23	1.56	64	0.13	7.56	186	1.1
MGESK16D065	9.12	0.02	1.7	57	1420	22	15.6	0.001	0.04	4.74	5.1	2.2	1.9	24.6	<0.01	0.11	1	0.063	0.22	1.33	99	0.23	14.35	226	1.6
MGESK16D066	12.7	0.04	4.15	35.9	1400	22.8	12.7	0.001	0.04	4.5	4.8	3.7	2.4	24.6	0.01	0.1	2	0.093	0.27	1.64	93	0.28	10.85	161	5.6
MGESK16D067	8.91	0.02	1.94	52.9	1480	21.6	12.2	0.001	0.04	5.37	4.9	4.8	1.4	23	<0.01	0.13	1.6	0.088	0.2	1.38	79	0.17	13.45	189	2.7
MGESK16D068	0.53	<0.01	0.24	44.4	1230	4	49.8	<0.001	0.01	0.25	2.3	0.3	<0.2	20.2	<0.01	0.02	0.5	0.167	0.26	0.17	96	0.2	3.2	54	1.1
MGESK16D069	4.49	0.02	1.1	38.1	1160	13.8	24.1	<0.001	0.02	2.46	5.2	2.4	1.2	22.2	<0.01	0.05	2.4	0.152	0.19	1.04	113	0.26	11.45	134	6.8
MGESK16D070	0.81	0.01	0.32	26.5	1440	6.2	61.7	<0.001	0.03	0.28	3	0.5	0.2	32.6	<0.01	0.01	0.4	0.143	0.24	0.31	140	0.16	5.11	77	<0.5
MGESK16D071	5.19	0.01	1	28.2	1250	16.9	16.5	0.001	0.03	2.59	3.3	2.7	0.3	23.9	<0.01	0.07	0.7	0.101	0.16	0.5	99	0.18	5.47	122	1.5
MGESK16D072	3.48	0.01	0.63	24.4	1200	16	29.2	0.001	0.04	1.86	3	1.6	0.4	29	<0.01	0.05	0.4	0.11	0.16	0.48	116	0.14	4.97	106	0.5
MGESK16D073	4.31	0.05	4.61	19.1	1390	18.6	19.2	<0.001	0.02	1.64	3.6	1.3	3.3	17.9	0.01	0.05	4	0.121	0.15	1.89	70	0.43	22.4	128	10.8
MGESK16D074	5.54	0.01	2.02	22	750	21	9.4	<0.001	0.06	4	2.5	2.6	0.8	16.8	<0.01	0.07	0.4	0.106	0.11	0.58	86	0.15	4.36	112	1.6
MGESK16D075	3.34	0.01	1.76	18	760	16.3	20.5	<0.001	0.08	2.25	1.9	1	0.6	22.7	<0.01	0.05	0.2	0.09	0.16	0.61	112	0.15	4.61	88	0.9
MGESK16D076	6.6	0.01	0.84	33.7	1070	24.3	13.8	0.001	0.02	4.08	4.4	3.2	0.7	23.9	<0.01	0.08	2	0.106	0.18	1.19	90	0.21	13.75	164	3.6
MGESK16D077	5.61	0.02	0.86	33.8	1260	27.4	10.9	0.001	0.02	3.93	5.2	2.6	0.7	21.5	<0.01	0.1	1.8	0.091	0.16	0.75	85	0.23	7.94	146	1.9
MGESK16D078	5.11	0.01	0.65	46	1700	40	14.9	<0.001	0.03	3.45	5.1	1.9	0.8	20	<0.01	0.14	1.6	0.082	0.22	0.69	97	0.19	10.25	170	0.8
MGESK16D079	3.73	0.03	5.12	20.7	1080	19.1	16.2	<0.001	0.06	2.56	2.8	1.8	1.7	17.2	0.01	0.07	0.5	0.081	0.15	0.64	95	0.16	7.21	111	2.9
MGESK16D080	4.04	0.03	21.4	11.2	920	14	8.4	<0.001	0.05	1.18	2.2	1.2	4.2	11.3	0.07	0.04	1.4	0.079	0.1	2.11	60	0.36	14.05	85	22.2
MGESK16D081	4.63	0.01	0.85	29.2	880	19.6	10.5	0.001	0.04	3.27	3.7	2.3	0.5	24.2	<0.01	0.07	0.4	0.089	0.13	0.57	106	0.11	8.19	129	0.6
MGESK16D082	6.11	0.01	0.41	44.4	820	22.4	11.1	<0.001	0.04	3.98	7.1	2.9	0.3	22	<0.01	0.08	0.6	0.096	0.15	0.58	122	0.11	9.12	160	<0.5
MGESK16D083	5.37	0.01	0.77	27.5	1340	22.8	12.5	<0.001	0.02	3.82	4.2	2.5	0.4	25.9	<0.01	0.07	1.9	0.101	0.15	0.93	86	0.21	14.75	142	4.2
MGESK16D084	4.86	0.01	0.55	32.1	1470	27	15.5	<0.001	0.02	3.38	4.7	2.3	0.5	22.3	<0.01	0.07	1.5	0.102	0.18	0.64	96	0.19	9.18	147	2.4
MGESK16D085	5.59	0.03	9.76	17.1	970	21	10.4	0.001	0.03	2.35	3.2	1.6	3.7	12.5	0.02	0.05	2.7	0.104	0.14	2.24	69	0.38	16.15	111	14
MGESK16D086	8.78	0.01	3.21	37.8	1120	54.8	8.3	<0.001	0.04	6.33	12.6	2.2	2.2	13.7	0.03	0.06	1.5	0.051	0.16	2.33	87	0.25	41.6	231	6.4
MGESK16D087	5.19	0.01	0.98	28.2	1230	24.7	10	<0.001	0.02	4.05	4.2	2.4	0.5	21.3	<0.01	0.08	1.3	0.077	0.14	0.93	90	0.19	9.51	159	3.1
MGESK16D088	5.56	0.02	9.22	16.2	850	20.1	9	<0.001	0.03	2.91	3	1.9	2.8	11.7	0.02	0.05	2	0.086	0.11	2.12	63	0.32	15.4	106	14.1
MGESK16D089	3.29	0.05	11.5	19	1040	30	8.6	<0.001	0.09	1.92	2.2	1.1	3.7	11.5	0.03	0.07	0.7	0.077	0.12	1.12	72	0.2	10.9	132	7.3

Sample_No	Samp_Date	E_NAD83	N_NAD83	Elev	Rec Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
MGESK16D090	25-Aug-16	417195	6256429	1482	0.56	0.005	0.17	2.39	14.9	10	50	0.52	0.15	0.13	0.24	13.95	15.7	19	0.72	82.6	4.82	9.97	<0.05	0.02	0.04	0.037	0.12	6.3	9.9	1.14	825
MGESK16D091	25-Aug-16	417167	6256500	1476	0.56	0.003	0.14	3	17	10	50	0.71	0.17	0.15	0.27	18	18	21	0.91	85	5.2	12.05	<0.05	0.02	0.04	0.046	0.15	8.3	10.5	1.28	1010
MGESK16D092	25-Aug-16	417177	6256578	1468	0.56	0.004	0.76	3.3	18.3	10	60	2.07	0.19	0.17	0.35	66.4	13	15	0.93	68.6	4.54	14.4	0.07	0.37	0.05	0.074	0.13	24.9	10.6	0.77	783
MGESK16D093	25-Aug-16	417147	6256644	1460	0.62	0.005	0.56	2.35	20.5	10	80	0.54	0.16	0.22	0.35	16.85	15	21	0.88	92.1	4.21	8.34	<0.05	<0.02	0.03	0.039	0.14	8.8	10.1	1.24	699
MGESK16D094	25-Aug-16	417118	6256713	1456	0.56	0.004	0.17	2.33	10.5	10	60	0.44	0.21	0.1	0.22	12.25	12.6	17	0.74	72.5	4.29	10.2	<0.05	0.03	0.07	0.031	0.14	5.7	7.6	0.79	822
MGESK16D095	25-Aug-16	417088	6256783	1446	0.68	0.007	0.15	2.64	19	10	50	0.59	0.23	0.2	0.31	20.4	15.5	20	0.64	69.6	4.58	9.59	<0.05	0.03	0.07	0.036	0.11	8.9	7.9	0.84	794
MGESK16D096	25-Aug-16	417072	6256857	1441	0.62	0.004	0.37	3.22	16.2	10	50	0.76	0.14	0.18	0.23	20.8	20.6	23	0.84	95.9	5.52	11.75	<0.05	0.04	0.04	0.047	0.17	10	12.2	1.56	929
MGESK16D097	25-Aug-16	417058	6256922	1430	0.54	0.009	0.56	2.53	14.5	10	50	0.58	0.21	0.1	0.17	18.5	8.8	24	0.84	56.7	4.24	12.2	<0.05	0.04	0.05	0.045	0.08	8.8	9.4	0.82	411
CGESK16D001	28-Aug-16	421137	6253812	1972	0.36	0.013	3.6	0.83	110.5	10	70	0.92	0.44	0.01	0.35	50.1	1.4	<1	2.35	15.9	7.79	3.37	<0.05	0.63	0.12	0.23	0.24	31.3	1.9	0.06	274
CGESK16D002	28-Aug-16	421119	6253832	1974	0.5	0.017	11.05	0.82	608	10	20	1.19	1.22	0.01	0.2	43.1	1.1	<1	2.77	19.3	7.35	2.61	0.05	0.26	0.16	0.405	0.07	24.2	1.2	0.05	171
CGESK16D003	28-Aug-16	421103	6253842	1975	0.42	0.015	2.36	0.51	443	10	10	0.31	0.25	<0.01	0.03	28.4	0.6	1	1.24	23.5	20.30	9.31	0.05	0.16	0.08	0.482	0.06	17.4	0.5	0.02	37
CGESK16D004					0.66	0.008	2.16	0.77	156.5	10	40	0.97	0.23	0.01	0.46	98.7	2.8	1	2.19	11.2	3.48	1.84	0.06	0.11	0.08	0.227	0.1	39.5	1.8	0.05	617

Sample_No	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
MGESK16D090	2.81	0.01	2.32	17.1	700	17.2	13.7	<0.001	0.05	2.19	3.8	1.1	0.8	17	<0.01	0.07	0.3	0.122	0.12	0.45	135	0.11	4.61	97	1.1
MGESK16D091	2.97	0.01	2.97	17	890	18.5	13.8	<0.001	0.04	2.88	4	1.1	1.4	15.3	<0.01	0.05	0.3	0.082	0.15	0.55	129	0.13	5.89	113	1.6
MGESK16D092	5.06	0.03	17.05	16.4	740	17.5	9.4	<0.001	0.04	2.34	3.3	1.7	3.3	12.7	0.04	0.06	2.8	0.096	0.11	2.47	66	0.4	17.8	107	29.3
MGESK16D093	4.08	0.01	0.77	22.1	1060	19.9	11.5	<0.001	0.03	2.76	3.6	1.4	0.6	20.4	<0.01	0.07	0.4	0.075	0.13	0.53	103	0.13	6.13	114	0.6
MGESK16D094	2.7	0.01	3.99	13	570	13.4	21.7	<0.001	0.07	1.89	2.3	1.1	1.2	18.2	<0.01	0.07	0.2	0.114	0.16	0.51	120	0.11	4.06	76	1.7
MGESK16D095	3.62	0.01	3.34	16.7	1240	18.8	12.2	<0.001	0.06	2.41	1.9	1.8	1.1	17.3	0.01	0.08	0.2	0.059	0.11	0.58	91	0.13	6.28	91	1.3
MGESK16D096	3.04	0.01	2.92	19.5	1050	14.1	16.4	<0.001	0.03	1.78	6	1.3	1.1	16.8	<0.01	0.06	1.1	0.115	0.16	0.64	139	0.19	7.69	104	3.1
MGESK16D097	3.49	0.01	5.9	13.7	820	16	8.4	<0.001	0.04	1.94	2.8	1.2	1.7	13.3	<0.01	0.06	0.3	0.076	0.1	0.69	95	0.17	5.29	73	3.1
CGESK16D001	8.6	0.05	0.05	1.2	180	159.5	12.2	<0.001	0.61	30.3	4.7	0.4	0.4	17.7	<0.01	<0.01	27.6	<0.005	0.23	2.26	3	0.12	7.11	305	51
CGESK16D002	13.25	0.01	<0.05	1.3	160	209	10.2	<0.001	0.09	42.4	4.6	1.2	0.3	6.5	<0.01	0.01	25.2	<0.005	0.23	2.05	3	0.12	7.42	255	19.5
CGESK16D003	237	0.01	0.34	0.6	240	89.6	7.7	<0.001	0.21	35.3	5.5	3.9	0.6	1.8	<0.01	0.01	62.7	<0.005	0.17	1.06	10	0.38	3.42	181	19.8
CGESK16D004	9.47	0.01	0.06	1.3	110	157	11.1	<0.001	0.04	17.4	1.6	0.2	0.4	2.6	<0.01	0.01	12.2	<0.005	0.25	2.43	3	0.13	8.22	266	7.1

ALS Minerals
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To: **ESKAY MINING CORPORATION**
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

CERTIFICATE VA16159692

Project: Corey Project

This report is for 194 Soil samples submitted to our lab in Terrace, BC, Canada on 8-SEP-2016.

The following have access to data associated with this certificate:

MAC BALKAM	CHARLES GREIG	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
AuME-TL43	25g Trace Au + Multi Element PKG	ICP-MS

To: **ESKAY MINING CORPORATION**
ATTN: CHARLES GREIG
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
MG ESK 16-S001		1.36	0.003	0.49	0.89	34.8	10	60	0.50	0.24	0.10	3.10	31.8	7.1	3	0.26
MG ESK 16-S002		1.46	0.002	0.19	0.77	9.1	<10	70	0.60	0.19	0.05	1.59	59.0	3.9	3	0.24
MG ESK 16-S003		0.80	0.002	0.48	0.63	18.5	10	80	0.56	0.19	0.05	1.82	64.7	4.8	1	0.23
MG ESK 16-S004		0.66	0.003	0.14	1.22	30.3	10	140	0.87	0.15	0.62	0.43	14.45	17.2	15	2.59
MG ESK 16-S005		0.60	0.003	0.37	2.34	26.6	10	210	1.38	0.16	0.66	2.77	25.4	29.4	40	1.44
MG ESK 16-S006		0.70	0.006	0.21	0.77	26.1	10	100	0.77	0.18	0.48	0.93	14.30	18.0	11	1.65
MG ESK 16-S007		0.64	0.001	0.34	0.74	22.8	10	120	0.99	0.18	0.39	6.84	39.6	14.7	6	1.82
MG ESK 16-D001		0.54	0.007	0.27	2.26	26.8	10	150	0.68	0.19	0.08	0.24	40.7	14.5	8	2.49
MG ESK 16-D002		0.56	0.014	0.45	2.57	28.7	10	80	0.76	0.17	0.03	0.22	39.7	11.4	8	2.35
MG ESK 16-D003		0.60	0.003	0.22	2.00	27.2	10	120	0.82	0.17	0.08	0.36	55.3	17.2	9	2.30
MG ESK 16-D004		0.66	0.005	0.20	2.16	29.7	10	110	0.88	0.19	0.17	0.30	56.6	23.0	10	2.86
MG ESK 16-D005		0.58	0.003	0.21	2.02	27.2	10	90	0.78	0.17	0.16	0.24	46.9	21.7	9	2.35
MG ESK 16-D006		0.44	0.004	0.17	2.53	31.9	10	70	0.59	0.23	0.02	0.13	81.4	70.2	8	8.84
MG ESK 16-D007		0.58	0.003	0.23	2.38	33.5	10	90	0.57	0.12	0.02	0.11	58.3	17.4	6	11.45
MG ESK 16-D008		0.62	0.004	0.25	1.97	32.2	10	140	0.86	0.17	0.13	0.32	51.3	21.9	9	3.94
MG ESK 16-D009		0.64	0.004	0.29	2.04	27.8	10	210	1.07	0.14	0.17	0.95	53.2	16.9	8	4.86
MG ESK 16-D010		0.70	0.002	0.16	1.87	33.8	10	170	0.97	0.15	0.19	0.61	51.7	25.1	10	2.38
MG ESK 16-D011		0.72	0.003	0.17	1.78	43.3	10	150	1.00	0.15	0.20	0.74	56.6	30.7	10	2.14
MG ESK 16-D012		0.68	0.003	0.19	1.89	49.3	10	190	1.14	0.18	0.17	0.95	68.8	31.0	9	2.82
MG ESK 16-D013		0.66	0.002	0.13	1.89	17.0	10	130	0.96	0.11	0.21	0.38	98.2	16.4	9	4.75
MG ESK 16-D014		0.72	0.002	0.17	1.57	26.2	10	140	0.79	0.12	0.22	0.75	47.9	18.5	9	2.41
MG ESK 16-D015		0.74	0.003	0.17	1.47	27.8	10	120	0.79	0.13	0.17	0.76	40.2	18.8	9	2.05
MG ESK 16-D016		0.58	0.001	0.20	1.54	28.7	10	110	0.82	0.14	0.21	1.06	37.1	17.2	8	2.15
MG ESK 16-D017		0.84	0.002	0.19	1.61	27.7	10	130	0.94	0.16	0.17	0.88	45.4	19.2	8	2.35
MG ESK 16-D018		0.66	0.001	0.18	1.48	31.7	10	160	0.79	0.13	0.22	1.11	41.7	16.8	8	2.16
MG ESK 16-D019		0.76	0.003	0.16	2.55	55.6	10	140	0.68	0.31	0.32	0.16	45.8	24.7	9	3.03
MG ESK 16-D020		0.74	0.002	0.15	2.21	63.3	10	170	0.79	0.30	0.11	0.52	46.2	24.4	10	3.41
MG ESK 16-D021		0.74	0.003	0.19	2.26	29.1	10	140	0.76	0.22	0.21	0.23	41.0	17.2	10	5.63
MG ESK 16-D022		0.74	0.004	0.16	1.62	32.3	10	180	0.60	0.19	0.20	0.18	31.5	13.3	8	4.28
MG ESK 16-D023		0.68	0.003	0.15	2.29	112.0	10	200	0.75	0.31	0.37	0.30	36.4	28.1	10	4.39
MG ESK 16-D024		0.74	0.003	0.19	2.35	160.5	10	170	0.89	0.36	0.27	0.29	41.5	34.7	11	5.94
MG ESK 16-D025		0.58	0.004	0.17	2.28	145.5	10	250	0.98	0.36	0.41	0.59	47.9	43.2	12	5.08
MG ESK 16-D026		0.58	0.008	0.21	2.48	37.1	10	150	0.80	0.22	0.51	0.18	46.0	24.4	11	3.67
MG ESK 16-D027		0.62	0.004	0.31	2.54	34.4	10	110	0.96	0.16	0.14	0.17	72.8	15.4	18	4.47
MG ESK 16-D028		0.62	0.003	0.17	2.27	18.3	10	110	0.63	0.17	0.43	0.15	35.4	18.1	10	3.12
MG ESK 16-D029		0.64	0.002	0.14	2.17	24.3	10	130	0.55	0.18	0.21	0.12	33.3	13.5	13	4.06
MG ESK 16-D030		0.56	0.001	0.13	1.41	41.3	10	380	0.56	0.16	0.61	0.20	22.6	10.5	13	6.50
MG ESK 16-D031		0.82	0.002	0.17	1.35	14.1	10	120	0.80	0.13	0.17	0.18	42.0	13.7	9	2.86
MG ESK 16-D032		0.74	0.095	0.47	1.03	16.1	10	190	0.29	0.15	0.30	0.15	17.80	11.6	2	1.68
MG ESK 16-D033		0.70	0.005	0.72	1.54	43.4	10	60	0.30	0.15	0.52	0.69	22.2	28.5	26	0.20

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

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SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
MG ESK 16-S001		38.1	2.97	4.55	0.06	0.03	0.06	0.042	0.05	14.3	4.4	0.47	910	2.92	<0.01	0.10
MG ESK 16-S002		18.1	2.91	4.50	0.07	0.03	0.01	0.043	0.05	23.9	3.6	0.35	752	4.43	0.01	0.18
MG ESK 16-S003		16.4	3.07	4.28	0.08	<0.02	0.02	0.042	0.05	24.0	2.6	0.26	1100	5.64	0.01	0.26
MG ESK 16-S004		39.0	4.50	3.96	<0.05	0.02	0.14	0.048	0.05	6.4	12.6	0.44	987	7.01	0.05	1.13
MG ESK 16-S005		63.4	7.57	7.78	0.06	0.05	0.21	0.057	0.07	12.6	17.2	1.29	2840	7.85	0.06	1.18
MG ESK 16-S006		36.2	4.90	2.26	<0.05	0.02	0.45	0.053	0.05	6.2	6.4	0.34	1180	5.07	0.02	0.31
MG ESK 16-S007		42.7	3.52	2.11	0.05	0.03	0.18	0.065	0.07	17.9	7.6	0.19	1760	17.65	0.02	0.24
MG ESK 16-D001		31.2	4.66	5.89	<0.05	<0.02	0.12	0.051	0.05	16.9	16.9	0.62	702	5.62	0.01	0.73
MG ESK 16-D002		28.7	5.13	6.69	<0.05	0.02	0.08	0.051	0.06	15.0	15.7	0.58	531	4.73	0.01	2.17
MG ESK 16-D003		33.1	4.62	5.45	0.05	<0.02	0.08	0.050	0.05	19.6	17.8	0.66	1240	6.05	0.01	0.38
MG ESK 16-D004		41.5	5.24	6.53	0.05	0.03	0.08	0.052	0.06	20.5	16.6	0.75	1700	4.62	0.05	1.12
MG ESK 16-D005		35.0	4.75	6.14	0.05	0.02	0.07	0.051	0.06	17.9	15.1	0.71	1240	4.61	0.05	1.05
MG ESK 16-D006		45.3	7.76	14.95	0.07	0.05	0.12	0.106	0.06	34.0	17.9	0.46	2840	8.97	0.01	10.90
MG ESK 16-D007		36.5	6.23	5.69	0.06	0.02	0.20	0.056	0.06	21.5	18.8	0.43	732	5.93	<0.01	1.65
MG ESK 16-D008		40.6	5.06	5.79	<0.05	0.02	0.10	0.052	0.06	19.3	15.4	0.54	1360	4.53	0.02	0.97
MG ESK 16-D009		27.6	4.06	5.65	0.05	0.02	0.07	0.044	0.06	20.3	14.5	0.50	1810	3.54	0.03	1.55
MG ESK 16-D010		41.6	5.41	5.30	0.06	0.03	0.07	0.047	0.06	19.1	17.6	0.72	1520	3.75	0.04	0.52
MG ESK 16-D011		47.8	5.61	5.09	0.07	0.05	0.08	0.049	0.05	21.9	17.6	0.71	1560	4.10	0.04	0.56
MG ESK 16-D012		50.1	5.64	5.32	0.07	0.04	0.10	0.053	0.05	23.8	19.1	0.67	1680	4.50	0.02	0.44
MG ESK 16-D013		28.5	3.60	5.05	0.06	0.03	0.04	0.038	0.08	33.6	15.0	0.72	1220	2.41	0.06	0.42
MG ESK 16-D014		35.1	4.63	4.68	0.06	0.02	0.07	0.044	0.06	19.9	15.2	0.67	1060	4.91	0.03	0.34
MG ESK 16-D015		35.3	4.81	4.41	0.07	0.04	0.06	0.045	0.05	16.8	14.6	0.65	1060	5.90	0.03	0.26
MG ESK 16-D016		34.8	4.90	4.50	0.06	0.02	0.08	0.056	0.05	16.8	14.3	0.70	1100	7.83	0.05	0.35
MG ESK 16-D017		35.8	4.99	5.04	0.06	0.05	0.08	0.049	0.05	17.6	16.5	0.70	1200	6.49	0.03	0.27
MG ESK 16-D018		34.0	4.83	4.41	0.06	0.03	0.09	0.049	0.06	19.0	14.7	0.64	1080	7.69	0.02	0.23
MG ESK 16-D019		64.5	5.39	7.77	0.05	0.06	0.06	0.064	0.09	14.9	16.0	0.89	787	3.58	0.14	1.43
MG ESK 16-D020		52.2	5.13	6.42	0.05	0.03	0.08	0.055	0.05	15.2	19.0	0.75	1270	5.75	0.01	0.90
MG ESK 16-D021		37.9	4.03	6.87	<0.05	0.03	0.04	0.045	0.07	13.4	19.5	0.83	1080	2.14	0.05	1.49
MG ESK 16-D022		35.4	2.91	4.63	<0.05	<0.02	0.09	0.030	0.08	12.5	15.3	0.62	630	1.38	0.01	0.72
MG ESK 16-D023		49.9	4.94	7.05	<0.05	0.03	0.09	0.048	0.09	13.7	18.7	0.99	1330	2.67	0.09	0.72
MG ESK 16-D024		61.8	5.28	6.90	<0.05	0.03	0.10	0.049	0.09	14.4	22.2	0.94	1490	3.19	0.07	0.63
MG ESK 16-D025		108.5	4.70	6.03	0.06	0.03	0.09	0.048	0.07	18.5	21.9	1.07	1520	2.96	0.08	0.90
MG ESK 16-D026		46.3	4.44	7.71	<0.05	0.05	0.08	0.051	0.13	15.0	15.0	1.01	1160	2.32	0.22	1.61
MG ESK 16-D027		32.1	3.90	7.55	0.05	0.03	0.06	0.047	0.07	17.7	23.1	0.73	1200	2.20	0.03	1.22
MG ESK 16-D028		26.4	4.06	7.32	<0.05	0.04	0.07	0.049	0.11	11.7	13.8	0.92	1420	2.57	0.19	1.79
MG ESK 16-D029		33.9	3.54	6.52	<0.05	0.02	0.05	0.039	0.08	9.8	16.3	0.64	932	2.13	0.04	2.57
MG ESK 16-D030		22.1	2.48	4.62	<0.05	0.02	0.04	0.023	0.08	9.1	17.0	0.56	739	1.66	0.02	2.28
MG ESK 16-D031		27.6	3.81	4.09	0.05	0.02	0.05	0.032	0.05	19.4	13.7	0.62	772	1.94	0.02	0.60
MG ESK 16-D032		21.8	3.30	2.74	0.07	0.03	0.10	0.012	0.03	9.4	20.5	0.54	724	1.11	0.01	0.16
MG ESK 16-D033		103.5	5.44	4.26	0.07	0.03	0.18	0.030	0.02	12.7	18.2	1.24	1360	16.20	0.01	0.05

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

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To: **ESKAY MINING CORPORATION**
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SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method / Analyte / Units / LOR	AuME-TL43 Ni ppm 0.2	AuME-TL43 P ppm 10	AuME-TL43 Pb ppm 0.2	AuME-TL43 Rb ppm 0.1	AuME-TL43 Re ppm 0.001	AuME-TL43 S % 0.01	AuME-TL43 Sb ppm 0.05	AuME-TL43 Sc ppm 0.1	AuME-TL43 Se ppm 0.2	AuME-TL43 Sn ppm 0.2	AuME-TL43 Sr ppm 0.2	AuME-TL43 Ta ppm 0.01	AuME-TL43 Te ppm 0.01	AuME-TL43 Th ppm 0.2	AuME-TL43 Ti % 0.005
MG ESK 16-S001		3.4	330	74.6	2.8	<0.001	0.03	3.02	2.1	3.5	0.2	9.6	<0.01	0.02	2.2	0.006
MG ESK 16-S002		1.8	240	31.5	3.2	<0.001	0.02	1.69	2.1	0.9	0.2	4.2	<0.01	0.01	1.9	0.007
MG ESK 16-S003		1.8	300	50.7	3.4	<0.001	0.03	2.42	2.0	1.1	0.2	5.6	<0.01	0.01	2.5	0.010
MG ESK 16-S004		20.9	760	15.0	5.6	0.010	0.08	2.69	5.9	2.7	0.5	27.9	0.01	0.05	0.4	0.030
MG ESK 16-S005		46.0	1020	25.7	3.8	0.003	0.10	2.41	15.8	3.3	0.7	35.7	0.01	0.06	0.8	0.119
MG ESK 16-S006		25.1	1340	16.2	3.8	0.009	0.51	5.66	6.8	1.4	0.3	21.8	<0.01	0.08	1.0	0.011
MG ESK 16-S007		85.6	1340	30.3	4.6	0.013	0.19	2.61	5.6	4.1	0.5	49.6	<0.01	0.06	1.3	0.005
MG ESK 16-D001		13.7	780	16.1	4.7	0.001	0.03	2.13	3.1	0.8	0.7	10.4	<0.01	0.07	0.3	0.026
MG ESK 16-D002		11.4	710	17.6	6.2	<0.001	0.03	2.27	2.5	0.8	1.0	8.2	<0.01	0.10	0.3	0.042
MG ESK 16-D003		16.3	650	18.4	3.3	0.001	0.02	2.08	4.2	0.7	0.6	10.9	<0.01	0.06	0.5	0.035
MG ESK 16-D004		14.1	1120	19.6	4.5	0.001	0.03	1.89	6.2	0.7	0.9	20.0	<0.01	0.06	1.2	0.082
MG ESK 16-D005		14.0	930	17.7	3.9	<0.001	0.03	1.89	4.7	0.7	0.8	18.9	<0.01	0.05	0.7	0.073
MG ESK 16-D006		15.8	590	19.4	4.3	0.001	0.06	3.29	4.6	1.4	3.3	7.7	0.01	0.07	1.2	0.053
MG ESK 16-D007		9.4	650	20.9	4.0	<0.001	0.04	3.91	4.4	1.2	0.8	8.1	<0.01	0.17	0.9	0.059
MG ESK 16-D008		15.1	1350	23.1	4.5	<0.001	0.04	2.64	3.9	0.7	0.8	21.2	<0.01	0.06	0.6	0.043
MG ESK 16-D009		13.3	790	66.6	4.8	<0.001	0.02	1.72	3.6	0.5	0.8	19.0	<0.01	0.04	0.9	0.046
MG ESK 16-D010		20.1	970	22.7	2.8	0.001	0.02	2.56	5.9	0.6	0.6	22.6	<0.01	0.04	1.6	0.067
MG ESK 16-D011		22.2	1060	21.5	2.4	0.001	0.02	2.91	5.8	0.6	0.6	23.4	<0.01	0.04	1.5	0.064
MG ESK 16-D012		24.0	1050	27.3	2.7	0.001	0.02	3.12	6.1	0.6	0.6	21.2	<0.01	0.06	1.6	0.044
MG ESK 16-D013		14.3	740	29.4	4.1	<0.001	0.01	1.11	4.4	0.2	0.5	22.2	<0.01	0.03	1.8	0.070
MG ESK 16-D014		20.3	930	19.1	2.4	0.001	0.02	1.88	5.0	0.6	0.5	20.7	<0.01	0.04	1.1	0.053
MG ESK 16-D015		22.4	850	17.6	2.0	0.001	0.02	2.08	5.2	0.7	0.4	18.3	<0.01	0.04	1.4	0.050
MG ESK 16-D016		27.4	890	17.6	2.0	0.002	0.03	1.88	5.7	0.9	0.5	20.9	<0.01	0.05	1.1	0.057
MG ESK 16-D017		22.8	850	18.0	2.2	0.001	0.02	1.85	6.0	0.6	0.5	17.7	<0.01	0.04	1.7	0.052
MG ESK 16-D018		27.0	830	19.9	2.1	0.002	0.02	1.92	5.5	0.7	0.5	20.9	<0.01	0.03	1.5	0.037
MG ESK 16-D019		13.8	960	16.9	4.0	0.002	0.03	2.19	8.5	1.3	1.1	41.5	<0.01	0.11	1.9	0.153
MG ESK 16-D020		19.1	970	19.8	3.4	0.001	0.02	2.17	6.5	0.9	0.9	17.6	<0.01	0.10	1.5	0.069
MG ESK 16-D021		12.3	860	21.5	6.2	<0.001	0.02	2.82	4.6	0.5	1.0	23.1	<0.01	0.07	1.1	0.086
MG ESK 16-D022		9.2	780	27.3	6.0	0.001	0.01	4.47	4.1	0.3	0.6	17.2	<0.01	0.05	1.3	0.072
MG ESK 16-D023		13.5	970	21.1	4.6	0.001	0.02	5.68	6.9	0.6	0.9	37.8	<0.01	0.10	1.7	0.144
MG ESK 16-D024		17.4	1000	22.1	5.1	0.001	0.02	6.87	7.9	0.7	0.9	31.6	<0.01	0.10	1.8	0.122
MG ESK 16-D025		17.7	960	22.9	3.7	0.003	0.04	3.15	6.6	1.3	0.7	43.4	<0.01	0.12	1.3	0.116
MG ESK 16-D026		14.6	900	21.6	6.6	0.001	0.04	1.73	6.6	0.7	1.1	60.1	0.01	0.05	1.3	0.193
MG ESK 16-D027		15.9	1040	19.1	10.9	<0.001	0.03	1.91	4.7	0.4	1.2	14.8	<0.01	0.04	0.9	0.069
MG ESK 16-D028		13.1	780	17.8	7.2	<0.001	0.04	1.39	4.8	0.6	1.2	46.6	0.01	0.04	1.0	0.168
MG ESK 16-D029		12.0	1310	15.1	7.9	<0.001	0.04	1.47	2.6	0.5	1.0	19.0	<0.01	0.03	0.3	0.063
MG ESK 16-D030		12.3	700	12.7	6.4	0.001	0.09	1.23	1.7	1.0	0.7	35.1	<0.01	0.04	0.2	0.048
MG ESK 16-D031		11.7	680	20.2	3.0	<0.001	0.02	1.33	3.5	0.2	0.5	17.6	<0.01	0.04	1.5	0.068
MG ESK 16-D032		3.8	1130	10.4	1.5	<0.001	0.07	1.55	2.3	0.2	0.2	14.9	<0.01	0.09	2.0	0.032
MG ESK 16-D033		72.9	1460	27.5	1.3	0.001	0.04	9.73	2.9	2.5	<0.2	59.4	<0.01	0.11	1.5	0.014

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

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To: **ESKAY MINING CORPORATION**
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method / Analyte / Units / LOR	AuME-TL43 Tl ppm 0.02	AuME-TL43 U ppm 0.05	AuME-TL43 V ppm 1	AuME-TL43 W ppm 0.05	AuME-TL43 Y ppm 0.05	AuME-TL43 Zn ppm 2	AuME-TL43 Zr ppm 0.5
MG ESK 16-S001		0.05	0.67	13	0.10	7.59	426	1.5
MG ESK 16-S002		0.04	0.58	7	0.14	9.04	200	1.5
MG ESK 16-S003		0.05	0.72	6	0.18	9.11	232	0.8
MG ESK 16-S004		0.11	0.90	71	0.05	11.35	93	1.2
MG ESK 16-S005		0.15	0.77	141	0.10	29.7	200	3.3
MG ESK 16-S006		0.15	0.33	41	0.05	14.25	124	1.0
MG ESK 16-S007		1.67	0.60	30	0.08	20.1	426	1.0
MG ESK 16-D001		0.40	0.73	39	0.13	18.00	114	<0.5
MG ESK 16-D002		0.30	0.72	39	0.12	14.50	107	1.0
MG ESK 16-D003		0.37	0.60	38	0.09	18.35	121	<0.5
MG ESK 16-D004		0.31	0.79	48	0.13	23.2	107	1.6
MG ESK 16-D005		0.29	0.64	46	0.11	18.20	98	1.2
MG ESK 16-D006		0.33	1.72	32	0.26	40.0	123	2.9
MG ESK 16-D007		0.26	1.40	28	0.10	25.5	96	1.1
MG ESK 16-D008		0.28	0.77	37	0.10	18.45	106	0.8
MG ESK 16-D009		0.22	0.60	32	0.16	19.05	155	1.1
MG ESK 16-D010		0.31	0.57	37	0.14	21.3	132	1.5
MG ESK 16-D011		0.31	0.57	37	0.13	24.7	134	2.2
MG ESK 16-D012		0.43	0.64	35	0.15	25.9	149	1.8
MG ESK 16-D013		0.21	0.54	35	0.11	18.55	107	1.1
MG ESK 16-D014		0.35	0.55	35	0.10	21.7	124	0.8
MG ESK 16-D015		0.39	0.51	34	0.10	18.95	130	2.1
MG ESK 16-D016		0.57	0.54	37	0.09	18.45	146	0.9
MG ESK 16-D017		0.48	0.60	36	0.10	19.60	153	2.5
MG ESK 16-D018		0.56	0.55	34	0.09	19.45	147	1.4
MG ESK 16-D019		0.44	1.04	72	0.13	13.70	91	4.2
MG ESK 16-D020		0.64	1.04	55	0.12	14.60	113	1.3
MG ESK 16-D021		0.24	0.93	50	0.24	12.05	78	1.6
MG ESK 16-D022		0.23	0.92	42	0.37	11.60	66	0.7
MG ESK 16-D023		0.43	1.10	72	0.32	12.85	81	2.0
MG ESK 16-D024		0.58	1.15	68	0.39	14.50	91	1.8
MG ESK 16-D025		0.56	0.96	63	0.15	18.20	89	1.8
MG ESK 16-D026		0.33	0.76	68	0.20	14.45	74	3.6
MG ESK 16-D027		0.26	1.51	47	0.20	25.0	84	1.4
MG ESK 16-D028		0.20	0.78	58	0.10	10.65	67	3.3
MG ESK 16-D029		0.21	1.02	47	0.25	8.41	68	1.4
MG ESK 16-D030		0.16	0.97	35	0.13	9.16	54	1.0
MG ESK 16-D031		0.10	0.56	26	0.12	13.65	86	1.3
MG ESK 16-D032		0.03	0.59	23	0.15	8.88	63	1.6
MG ESK 16-D033		0.11	0.95	29	<0.05	12.70	128	1.5

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SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
MG ESK 16-D034		0.66	0.009	1.83	1.95	29.3	<10	170	0.51	0.21	0.45	13.90	34.3	43.8	18	0.57
MG ESK 16-D035		0.74	0.035	5.28	1.30	391	10	210	0.65	0.28	0.44	6.40	38.8	41.9	11	0.79
MG ESK 16-D036		0.68	0.020	1.69	2.49	48.5	10	180	0.84	0.21	0.53	1.39	28.9	35.6	19	2.11
MG ESK 16-D037		0.64	0.008	1.38	1.99	50.2	<10	130	0.69	0.14	0.71	0.99	28.8	36.3	16	1.33
MG ESK 16-D038		0.70	0.008	1.27	2.35	66.6	10	120	0.87	0.13	0.57	1.14	26.6	36.0	18	1.70
MG ESK 16-D039		0.68	0.004	0.83	2.50	27.9	<10	90	0.89	0.17	0.22	1.29	28.0	30.6	18	1.15
MG ESK 16-D040		0.70	0.006	1.43	2.27	87.2	10	90	0.91	0.20	0.21	2.20	37.7	26.0	18	1.07
MG ESK 16-D041		0.62	0.004	0.15	3.15	17.9	10	170	0.84	0.08	0.41	0.29	16.65	26.7	12	3.74
MG ESK 16-D042		0.74	0.001	0.24	3.67	8.2	10	650	1.13	0.04	1.24	0.23	15.55	33.5	11	6.56
MG ESK 16-D043		0.68	0.002	0.44	3.38	57.9	10	270	1.15	0.06	0.94	0.44	19.30	32.9	13	4.50
MG ESK 16-D044		0.66	0.002	0.26	3.27	21.0	10	510	1.29	0.06	0.94	0.30	15.20	31.9	13	5.46
MG ESK 16-D045		0.80	0.002	0.13	3.11	10.0	10	170	1.13	0.10	0.50	0.27	18.20	27.9	16	3.09
MG ESK 16-D046		0.82	0.001	0.17	2.58	8.7	10	700	0.94	0.05	1.76	0.23	16.85	25.0	12	3.64
MG ESK 16-D047		0.70	0.002	0.33	2.48	9.7	10	110	1.14	0.14	0.37	0.32	18.25	21.9	19	1.86
MG ESK 16-D048		0.68	0.003	0.48	2.23	10.1	10	110	0.78	0.10	0.37	0.58	12.85	21.0	18	1.47
MG ESK 16-D049		0.70	0.018	3.41	2.84	548	10	440	0.81	0.32	0.49	3.58	29.6	54.1	32	1.57
MG ESK 16-D050		0.68	0.005	4.19	2.74	33.9	10	120	0.65	0.16	0.20	12.35	18.60	59.8	37	0.68
MG ESK 16-D051		0.70	0.005	0.77	2.57	58.9	10	130	0.79	0.12	0.43	0.81	20.1	27.3	21	1.45
MG ESK 16-D052		0.74	0.012	0.80	2.52	40.7	10	100	0.77	0.15	0.26	0.58	15.55	23.5	21	1.14
MG ESK 16-D053		0.68	0.004	1.25	1.96	32.7	10	160	0.60	0.19	0.19	3.22	24.5	46.4	22	1.01
MG ESK 16-D054		0.74	0.007	3.06	2.01	57.8	10	140	0.58	0.16	0.44	2.80	24.9	28.6	20	0.85
MG ESK 16-D055		0.70	0.011	2.25	2.15	50.3	<10	130	0.60	0.20	0.29	1.92	21.7	29.0	20	1.31
MG ESK 16-D056		0.66	0.009	1.47	2.30	25.3	10	110	0.78	0.21	0.22	0.71	25.0	19.7	24	0.81
MG ESK 16-D057		0.78	0.008	1.52	1.51	28.5	10	140	0.53	0.13	0.56	1.35	21.9	18.1	16	0.76
MG ESK 16-D058		0.72	0.006	1.38	2.24	22.6	10	350	0.61	0.12	1.79	1.45	15.50	28.2	25	1.75
MG ESK 16-D059		0.70	0.012	2.58	2.29	39.4	10	220	1.66	0.38	0.20	3.07	50.3	23.3	27	0.98
MG ESK 16-D060		0.80	0.010	2.22	2.47	33.7	10	170	2.14	0.38	0.17	1.30	64.9	18.4	23	1.29
MG ESK 16-D061		0.76	0.004	3.21	1.51	45.0	10	200	0.37	0.39	0.16	2.37	20.6	27.4	22	0.60
MG ESK 16-D062		0.76	0.011	1.79	2.38	23.1	10	140	1.62	0.34	0.17	0.83	57.9	16.5	23	1.38
MG ESK 16-D063		0.68	0.011	1.04	1.91	33.5	10	170	0.44	0.21	0.18	0.97	24.0	20.1	18	0.36
MG ESK 16-D064		0.62	0.009	3.70	2.62	55.3	10	110	0.61	0.34	0.04	0.81	20.8	9.4	26	0.49
MG ESK 16-D065		0.68	0.005	1.10	2.80	43.9	<10	130	1.30	0.28	0.15	1.48	39.9	24.3	46	1.11
MG ESK 16-D066		0.70	0.005	0.58	2.62	33.2	10	100	0.77	0.26	0.15	0.56	35.3	17.5	33	1.01
MG ESK 16-D067		0.64	0.010	2.02	2.63	42.1	10	160	0.76	0.47	0.09	0.78	29.3	25.1	31	0.84
MG ESK 16-D068		0.66	0.001	0.06	2.59	3.1	10	90	0.35	0.03	0.38	0.16	6.94	25.9	172	0.92
MG ESK 16-D069		0.70	0.005	0.42	2.81	19.2	10	120	1.05	0.18	0.19	0.40	30.7	26.6	49	1.01
MG ESK 16-D070		0.60	0.005	0.12	2.78	3.3	10	160	0.56	0.04	0.55	0.11	7.28	27.3	64	0.91
MG ESK 16-D071		0.64	0.003	0.37	2.68	18.2	10	100	0.70	0.12	0.29	0.45	14.85	19.7	29	1.01
MG ESK 16-D072		0.78	0.004	0.15	2.55	13.0	10	90	0.64	0.13	0.33	0.30	14.50	20.3	30	0.80
MG ESK 16-D073		0.78	0.004	0.48	2.75	14.7	10	90	2.08	0.23	0.18	0.37	57.5	14.4	22	1.45

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Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method Analyte Units LOR	AuME-TL43 Cu ppm 0.2	AuME-TL43 Fe % 0.01	AuME-TL43 Ga ppm 0.05	AuME-TL43 Ge ppm 0.05	AuME-TL43 Hf ppm 0.02	AuME-TL43 Hg ppm 0.01	AuME-TL43 In ppm 0.005	AuME-TL43 K % 0.01	AuME-TL43 La ppm 0.2	AuME-TL43 Li ppm 0.1	AuME-TL43 Mg % 0.01	AuME-TL43 Mn ppm 5	AuME-TL43 Mo ppm 0.05	AuME-TL43 Na % 0.01	AuME-TL43 Nb ppm 0.05
MG ESK 16-D034		236	7.41	7.23	0.08	0.05	0.16	0.054	0.04	21.2	16.2	1.58	2230	23.0	0.01	0.14
MG ESK 16-D035		257	6.87	4.35	0.05	0.04	0.10	0.056	0.08	19.7	7.8	0.81	2740	7.14	0.01	0.25
MG ESK 16-D036		184.0	7.10	9.83	0.08	0.07	0.03	0.063	0.37	17.5	12.9	1.92	1300	6.74	0.02	0.12
MG ESK 16-D037		190.0	6.76	7.86	0.09	0.04	0.03	0.053	0.22	17.2	9.4	1.54	1430	4.21	0.01	0.06
MG ESK 16-D038		169.5	6.99	9.57	0.10	0.04	0.04	0.057	0.28	15.5	10.1	1.85	1560	3.35	0.01	0.07
MG ESK 16-D039		127.5	5.60	8.01	<0.05	0.03	0.04	0.042	0.15	12.8	12.0	1.40	1620	3.26	0.01	0.56
MG ESK 16-D040		127.0	5.60	7.72	0.05	0.05	0.04	0.054	0.14	18.4	11.5	1.17	1690	4.58	0.01	0.78
MG ESK 16-D041		102.5	6.01	11.45	0.05	0.02	0.03	0.024	0.58	6.9	17.4	1.76	1140	0.91	0.01	0.38
MG ESK 16-D042		179.5	7.04	15.00	0.11	0.10	0.01	0.021	2.21	8.0	21.1	2.46	1140	0.21	0.01	0.05
MG ESK 16-D043		152.5	6.70	13.40	0.11	0.03	0.03	0.033	1.15	10.1	17.4	2.33	1360	0.56	0.01	0.12
MG ESK 16-D044		139.0	5.92	12.20	0.11	0.03	0.04	0.022	0.92	7.5	24.1	2.26	1290	0.52	0.02	0.28
MG ESK 16-D045		107.5	5.60	12.25	0.10	0.02	0.01	0.028	0.49	8.4	18.2	1.90	1020	0.83	0.01	0.40
MG ESK 16-D046		122.5	5.30	9.87	0.19	0.13	0.01	0.021	1.08	8.9	15.4	1.95	859	0.55	0.03	0.10
MG ESK 16-D047		80.0	5.03	10.05	0.07	0.04	0.03	0.029	0.25	8.0	16.6	1.37	861	3.79	<0.01	2.23
MG ESK 16-D048		89.9	4.76	8.62	0.05	<0.02	0.04	0.025	0.16	6.3	11.9	1.22	727	3.09	<0.01	0.94
MG ESK 16-D049		306	9.13	8.26	0.07	0.06	0.09	0.081	0.14	17.3	13.0	1.28	2760	18.90	<0.01	0.16
MG ESK 16-D050		296	8.71	6.99	0.06	0.02	0.15	0.109	0.05	10.0	11.3	1.20	2630	12.05	<0.01	0.36
MG ESK 16-D051		123.0	5.27	7.86	0.06	0.03	0.03	0.030	0.19	9.3	12.8	1.59	1060	6.29	<0.01	0.32
MG ESK 16-D052		98.4	5.23	9.09	<0.05	<0.02	0.04	0.035	0.10	7.5	12.2	1.39	1100	5.04	<0.01	0.87
MG ESK 16-D053		260	8.59	6.67	0.06	0.02	0.08	0.061	0.16	15.6	8.9	1.21	2500	3.97	<0.01	0.16
MG ESK 16-D054		148.0	5.32	6.74	0.06	<0.02	0.03	0.048	0.14	14.4	9.6	1.18	1300	6.97	<0.01	0.18
MG ESK 16-D055		145.5	5.12	7.03	0.06	<0.02	0.09	0.049	0.24	11.9	11.9	1.38	1050	8.31	<0.01	0.21
MG ESK 16-D056		107.5	5.06	8.47	0.05	0.02	0.05	0.047	0.13	12.6	11.5	1.13	762	16.10	<0.01	1.36
MG ESK 16-D057		106.5	4.39	5.43	0.09	0.02	0.03	0.035	0.20	12.0	8.2	0.95	685	11.35	0.01	0.31
MG ESK 16-D058		150.5	5.69	8.31	0.07	0.11	0.04	0.032	0.73	8.5	12.9	1.78	929	10.70	0.01	0.05
MG ESK 16-D059		124.0	5.71	9.39	0.07	0.04	0.06	0.105	0.13	28.6	12.7	1.06	1910	17.15	0.02	1.23
MG ESK 16-D060		109.0	5.22	11.60	0.08	0.05	0.05	0.091	0.16	33.3	13.9	0.94	955	15.10	0.03	2.74
MG ESK 16-D061		148.5	4.50	4.23	0.07	0.02	0.15	0.079	0.11	12.0	8.0	0.75	1300	23.6	0.01	0.12
MG ESK 16-D062		101.5	4.52	10.70	0.07	0.06	0.05	0.082	0.18	29.3	12.4	0.83	741	12.85	0.06	3.79
MG ESK 16-D063		152.5	5.20	4.95	0.05	<0.02	0.10	0.051	0.06	13.0	8.5	0.94	1480	23.3	0.01	0.52
MG ESK 16-D064		94.7	4.80	8.93	<0.05	0.03	0.12	0.074	0.06	12.1	8.7	0.74	502	14.15	0.01	2.87
MG ESK 16-D065		113.0	5.33	11.45	0.06	0.02	0.04	0.072	0.12	21.0	11.5	1.27	1400	9.12	0.02	1.70
MG ESK 16-D066		99.9	5.41	11.90	0.05	0.06	0.07	0.076	0.14	14.1	7.3	1.08	1050	12.70	0.04	4.15
MG ESK 16-D067		143.5	5.41	8.67	0.05	0.03	0.03	0.094	0.13	12.2	7.8	1.02	1440	8.91	0.02	1.94
MG ESK 16-D068		90.1	3.87	5.88	0.05	0.03	0.01	0.007	0.72	3.6	8.9	1.61	815	0.53	<0.01	0.24
MG ESK 16-D069		115.5	5.57	9.85	0.07	0.06	0.02	0.056	0.45	11.7	9.5	1.69	1180	4.49	0.02	1.10
MG ESK 16-D070		106.0	5.39	8.57	0.06	<0.02	0.02	0.008	1.02	3.3	10.8	2.15	975	0.81	0.01	0.32
MG ESK 16-D071		96.4	4.67	7.06	0.05	0.03	0.04	0.032	0.27	6.7	9.8	1.41	869	5.19	0.01	1.00
MG ESK 16-D072		102.5	4.97	7.97	0.06	<0.02	0.03	0.025	0.38	6.2	9.5	1.59	904	3.48	0.01	0.63
MG ESK 16-D073		78.0	4.52	12.90	0.09	0.10	0.02	0.066	0.26	26.8	11.4	1.01	768	4.31	0.05	4.61

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

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To: **ESKAY MINING CORPORATION**
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method Analyte Units LOR	AuME-TL43 Ni ppm 0.2	AuME-TL43 P ppm 10	AuME-TL43 Pb ppm 0.2	AuME-TL43 Rb ppm 0.1	AuME-TL43 Re ppm 0.001	AuME-TL43 S % 0.01	AuME-TL43 Sb ppm 0.05	AuME-TL43 Sc ppm 0.1	AuME-TL43 Se ppm 0.2	AuME-TL43 Sn ppm 0.2	AuME-TL43 Sr ppm 0.2	AuME-TL43 Ta ppm 0.01	AuME-TL43 Te ppm 0.01	AuME-TL43 Th ppm 0.2	AuME-TL43 Ti % 0.005
MG ESK 16-D034		56.3	1960	170.5	2.6	0.002	0.07	23.8	7.1	7.0	<0.2	57.2	<0.01	0.11	1.7	0.032
MG ESK 16-D035		41.5	2210	385	5.2	0.001	0.06	62.1	6.3	2.5	0.2	76.6	<0.01	0.12	1.9	0.016
MG ESK 16-D036		32.0	2110	66.6	26.3	<0.001	0.03	6.49	13.5	1.4	0.4	63.3	<0.01	0.09	1.9	0.095
MG ESK 16-D037		45.8	2190	22.3	19.6	0.001	0.06	4.56	11.0	1.8	0.2	45.4	<0.01	0.09	1.3	0.063
MG ESK 16-D038		34.2	2320	29.9	25.7	<0.001	0.03	5.09	14.2	1.2	0.3	40.9	<0.01	0.08	1.2	0.081
MG ESK 16-D039		41.5	1510	30.2	14.2	<0.001	0.03	3.45	6.6	1.3	0.6	20.2	<0.01	0.10	1.1	0.069
MG ESK 16-D040		42.9	1690	74.6	12.4	<0.001	0.03	9.13	6.4	1.6	0.7	19.7	<0.01	0.10	1.2	0.053
MG ESK 16-D041		13.8	1280	27.0	46.0	<0.001	0.05	1.47	4.3	0.3	0.3	25.0	<0.01	0.04	0.3	0.073
MG ESK 16-D042		12.6	3230	13.0	77.1	0.001	<0.01	0.32	11.6	<0.2	0.2	57.0	<0.01	0.03	0.8	0.108
MG ESK 16-D043		15.2	2430	23.6	62.5	<0.001	0.02	1.46	14.4	0.2	0.3	49.0	<0.01	0.03	0.9	0.132
MG ESK 16-D044		13.4	1910	15.2	48.5	<0.001	0.05	0.64	7.5	0.2	0.2	49.5	<0.01	0.04	0.4	0.089
MG ESK 16-D045		15.9	1690	13.9	30.1	<0.001	0.02	0.63	6.5	0.3	0.6	31.5	<0.01	0.04	0.8	0.127
MG ESK 16-D046		13.3	3380	11.6	37.9	<0.001	<0.01	0.55	13.6	0.3	0.3	64.9	<0.01	0.03	0.8	0.104
MG ESK 16-D047		18.9	860	13.1	17.8	<0.001	0.03	1.64	3.7	1.1	1.2	31.5	<0.01	0.05	0.5	0.145
MG ESK 16-D048		22.5	1330	15.1	11.7	<0.001	0.04	2.39	2.9	1.8	0.5	31.1	<0.01	0.07	0.2	0.104
MG ESK 16-D049		143.0	1650	42.0	12.7	0.002	0.02	19.50	9.4	7.7	0.3	40.5	<0.01	0.28	1.1	0.046
MG ESK 16-D050		133.5	2050	31.3	6.6	0.001	0.07	5.06	4.6	8.3	0.4	26.5	<0.01	0.21	0.6	0.070
MG ESK 16-D051		42.6	1630	18.7	12.0	0.001	<0.01	5.05	4.3	2.6	0.3	35.7	<0.01	0.10	1.0	0.103
MG ESK 16-D052		30.3	1450	18.8	10.0	<0.001	0.04	4.01	3.5	2.3	0.7	24.5	<0.01	0.09	0.4	0.097
MG ESK 16-D053		80.6	1650	34.8	12.0	<0.001	0.01	3.61	7.0	2.7	0.2	12.6	<0.01	0.14	1.3	0.055
MG ESK 16-D054		51.6	1570	36.3	8.5	0.001	<0.01	8.79	5.1	3.0	0.4	33.0	<0.01	0.12	0.9	0.079
MG ESK 16-D055		54.5	1010	30.6	13.5	0.001	<0.01	5.35	5.3	2.0	0.4	26.3	<0.01	0.15	1.4	0.097
MG ESK 16-D056		45.3	1330	20.2	9.4	0.001	0.03	5.44	3.5	4.4	1.0	29.4	<0.01	0.13	0.8	0.070
MG ESK 16-D057		39.1	1930	19.8	9.5	<0.001	0.02	5.96	4.6	3.8	0.3	43.8	<0.01	0.10	1.4	0.077
MG ESK 16-D058		47.7	2170	17.2	27.2	0.001	0.04	5.26	5.4	3.8	0.2	83.4	<0.01	0.10	1.4	0.098
MG ESK 16-D059		70.3	1190	28.9	11.0	0.001	0.03	8.29	5.3	4.7	1.8	31.4	<0.01	0.13	3.5	0.078
MG ESK 16-D060		49.7	1260	33.6	15.4	0.001	0.03	6.81	4.6	4.1	2.6	30.8	<0.01	0.14	3.9	0.072
MG ESK 16-D061		74.8	1260	30.2	6.7	0.002	0.04	12.90	4.3	12.9	0.3	38.3	<0.01	0.23	1.7	0.032
MG ESK 16-D062		45.7	1060	25.3	14.7	<0.001	0.02	5.40	4.2	3.9	2.6	25.4	<0.01	0.11	3.5	0.100
MG ESK 16-D063		51.4	1520	21.1	5.3	0.001	0.07	6.47	2.6	6.1	0.3	36.7	<0.01	0.16	0.7	0.054
MG ESK 16-D064		43.4	930	21.3	6.5	0.001	0.05	9.08	1.7	6.7	1.5	19.6	<0.01	0.16	0.2	0.031
MG ESK 16-D065		57.0	1420	22.0	15.6	0.001	0.04	4.74	5.1	2.2	1.9	24.6	<0.01	0.11	1.0	0.063
MG ESK 16-D066		35.9	1400	22.8	12.7	0.001	0.04	4.50	4.8	3.7	2.4	24.6	0.01	0.10	2.0	0.093
MG ESK 16-D067		52.9	1480	21.6	12.2	0.001	0.04	5.37	4.9	4.8	1.4	23.0	<0.01	0.13	1.6	0.088
MG ESK 16-D068		44.4	1230	4.0	49.8	<0.001	0.01	0.25	2.3	0.3	<0.2	20.2	<0.01	0.02	0.5	0.167
MG ESK 16-D069		38.1	1160	13.8	24.1	<0.001	0.02	2.46	5.2	2.4	1.2	22.2	<0.01	0.05	2.4	0.152
MG ESK 16-D070		26.5	1440	6.2	61.7	<0.001	0.03	0.28	3.0	0.5	0.2	32.6	<0.01	0.01	0.4	0.143
MG ESK 16-D071		28.2	1250	16.9	16.5	0.001	0.03	2.59	3.3	2.7	0.3	23.9	<0.01	0.07	0.7	0.101
MG ESK 16-D072		24.4	1200	16.0	29.2	0.001	0.04	1.86	3.0	1.6	0.4	29.0	<0.01	0.05	0.4	0.110
MG ESK 16-D073		19.1	1390	18.6	19.2	<0.001	0.02	1.64	3.6	1.3	3.3	17.9	0.01	0.05	4.0	0.121

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

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To: ESKAY MINING CORPORATION
36 TORONTO STREET
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TORONTO ON M5C 2C5

Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
MG ESK 16-D034		0.10	1.27	93	0.07	15.40	626	2.5
MG ESK 16-D035		0.09	0.73	48	0.06	17.00	598	2.3
MG ESK 16-D036		0.21	0.69	147	0.10	15.25	205	4.3
MG ESK 16-D037		0.15	0.30	130	0.10	15.30	144	2.2
MG ESK 16-D038		0.18	0.32	164	0.12	13.60	152	2.0
MG ESK 16-D039		0.15	0.42	95	0.16	11.85	185	1.5
MG ESK 16-D040		0.13	0.60	84	0.18	16.30	320	2.1
MG ESK 16-D041		0.19	0.26	175	0.12	5.94	113	0.6
MG ESK 16-D042		0.26	0.18	225	0.23	8.83	98	2.4
MG ESK 16-D043		0.32	0.23	216	0.15	10.80	109	1.0
MG ESK 16-D044		0.22	0.22	180	0.14	8.27	94	0.8
MG ESK 16-D045		0.19	0.34	164	0.19	8.01	89	1.1
MG ESK 16-D046		0.15	0.24	186	0.25	11.40	77	4.2
MG ESK 16-D047		0.11	0.60	133	0.17	7.33	96	2.9
MG ESK 16-D048		0.10	0.46	124	0.14	5.79	99	0.8
MG ESK 16-D049		0.13	0.82	118	0.17	24.0	236	2.1
MG ESK 16-D050		0.10	0.92	92	0.18	16.65	962	0.7
MG ESK 16-D051		0.13	0.48	108	0.19	7.80	152	1.4
MG ESK 16-D052		0.10	0.55	118	0.14	6.87	141	0.8
MG ESK 16-D053		0.10	0.63	80	0.20	22.2	311	0.5
MG ESK 16-D054		0.09	0.58	89	0.17	11.70	234	<0.5
MG ESK 16-D055		0.12	1.20	84	0.15	12.80	278	0.8
MG ESK 16-D056		0.16	1.72	97	0.19	9.59	156	1.2
MG ESK 16-D057		0.11	1.00	83	0.19	9.57	162	1.0
MG ESK 16-D058		0.20	0.68	118	0.19	9.39	180	4.9
MG ESK 16-D059		0.20	2.79	61	0.25	25.6	294	4.6
MG ESK 16-D060		0.25	3.13	59	0.35	26.9	246	6.1
MG ESK 16-D061		0.29	2.01	56	0.14	9.93	244	1.4
MG ESK 16-D062		0.21	2.47	59	0.32	22.2	202	7.9
MG ESK 16-D063		0.23	1.30	65	0.15	8.50	176	<0.5
MG ESK 16-D064		0.23	1.56	64	0.13	7.56	186	1.1
MG ESK 16-D065		0.22	1.33	99	0.23	14.35	226	1.6
MG ESK 16-D066		0.27	1.64	93	0.28	10.85	161	5.6
MG ESK 16-D067		0.20	1.38	79	0.17	13.45	189	2.7
MG ESK 16-D068		0.26	0.17	96	0.20	3.20	54	1.1
MG ESK 16-D069		0.19	1.04	113	0.26	11.45	134	6.8
MG ESK 16-D070		0.24	0.31	140	0.16	5.11	77	<0.5
MG ESK 16-D071		0.16	0.50	99	0.18	5.47	122	1.5
MG ESK 16-D072		0.16	0.48	116	0.14	4.97	106	0.5
MG ESK 16-D073		0.15	1.89	70	0.43	22.4	128	10.8

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Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	AuME-TL43 Au ppm 0.001	AuME-TL43 Ag ppm 0.01	AuME-TL43 Al % 0.01	AuME-TL43 As ppm 0.1	AuME-TL43 B ppm 10	AuME-TL43 Ba ppm 10	AuME-TL43 Be ppm 0.05	AuME-TL43 Bi ppm 0.01	AuME-TL43 Ca % 0.01	AuME-TL43 Cd ppm 0.01	AuME-TL43 Ce ppm 0.02	AuME-TL43 Co ppm 0.1	AuME-TL43 Cr ppm 1	AuME-TL43 Cs ppm 0.05
MG ESK 16-D074		0.66	0.006	0.31	1.85	25.2	10	60	0.40	0.21	0.10	0.31	14.30	11.8	21	0.73
MG ESK 16-D075		0.60	0.003	0.46	2.02	16.3	10	90	0.52	0.13	0.16	0.24	11.95	14.7	21	0.77
MG ESK 16-D076		0.62	0.006	0.54	2.53	28.4	10	120	1.64	0.16	0.23	0.83	46.6	22.5	23	1.01
MG ESK 16-D077		0.70	0.006	0.43	2.16	27.6	10	80	0.68	0.19	0.20	0.40	26.2	21.3	22	0.86
MG ESK 16-D078		0.56	0.008	0.64	2.80	33.9	10	110	0.72	0.30	0.19	0.49	26.6	35.8	25	1.06
MG ESK 16-D079		0.72	0.003	0.31	2.56	19.3	10	60	0.78	0.29	0.20	0.42	26.7	15.1	17	0.91
MG ESK 16-D080		0.54	0.006	1.10	3.43	11.7	10	30	1.90	0.24	0.14	0.24	51.8	10.3	14	0.87
MG ESK 16-D081		0.74	0.005	0.46	2.44	23.3	10	80	0.66	0.14	0.23	0.44	22.6	17.9	22	0.66
MG ESK 16-D082		0.64	0.006	0.45	2.96	29.0	10	130	0.67	0.15	0.22	0.59	22.9	29.1	32	0.87
MG ESK 16-D083		0.76	0.008	0.39	2.27	24.6	10	80	1.11	0.13	0.29	0.50	40.7	19.8	18	1.31
MG ESK 16-D084		0.70	0.005	0.49	2.44	25.1	10	100	0.76	0.17	0.24	0.63	24.9	27.9	21	1.03
MG ESK 16-D085		0.66	0.006	0.45	2.70	19.2	10	50	1.58	0.25	0.10	0.22	65.2	11.1	16	1.18
MG ESK 16-D086		0.60	0.006	0.63	2.68	91.9	10	110	1.78	0.19	0.11	1.41	92.1	36.8	16	1.42
MG ESK 16-D087		0.68	0.006	0.81	2.46	27.7	10	70	1.09	0.16	0.23	0.51	42.0	22.6	21	0.79
MG ESK 16-D088		0.62	0.007	1.22	2.44	20.4	10	40	1.55	0.22	0.10	0.24	53.0	11.4	14	0.91
MG ESK 16-D089		0.62	0.009	0.36	2.98	21.4	10	70	1.66	0.32	0.14	0.35	50.9	14.9	18	0.99
MG ESK 16-D090		0.56	0.005	0.17	2.39	14.9	10	50	0.52	0.15	0.13	0.24	13.95	15.7	19	0.72
MG ESK 16-D091		0.56	0.003	0.14	3.00	17.0	10	50	0.71	0.17	0.15	0.27	18.00	18.0	21	0.91
MG ESK 16-D092		0.56	0.004	0.76	3.30	18.3	10	60	2.07	0.19	0.17	0.35	66.4	13.0	15	0.93
MG ESK 16-D093		0.62	0.005	0.56	2.35	20.5	10	80	0.54	0.16	0.22	0.35	16.85	15.0	21	0.88
MG ESK 16-D094		0.56	0.004	0.17	2.33	10.5	10	60	0.44	0.21	0.10	0.22	12.25	12.6	17	0.74
MG ESK 16-D095		0.68	0.007	0.15	2.64	19.0	10	50	0.59	0.23	0.20	0.31	20.4	15.5	20	0.64
MG ESK 16-D096		0.62	0.004	0.37	3.22	16.2	10	50	0.76	0.14	0.18	0.23	20.8	20.6	23	0.84
MG ESK 16-D097		0.54	0.009	0.56	2.53	14.5	10	50	0.58	0.21	0.10	0.17	18.50	8.8	24	0.84
CG ESK 16-D001		0.36	0.013	3.60	0.83	110.5	10	70	0.92	0.44	0.01	0.35	50.1	1.4	<1	2.35
CG ESK 16-D002		0.50	0.017	11.05	0.82	608	10	20	1.19	1.22	0.01	0.20	43.1	1.1	<1	2.77
CG ESK 16-D003		0.42	0.015	2.36	0.51	443	10	10	0.31	0.25	<0.01	0.03	28.4	0.6	1	1.24
CG ESK 16-D004		0.66	0.008	2.16	0.77	156.5	10	40	0.97	0.23	0.01	0.46	98.7	2.8	1	2.19
CG ESK 16-D005		0.54	0.002	0.20	3.79	10.5	10	50	3.17	0.35	0.04	0.05	125.0	4.9	12	1.54
CG ESK 16-D006		0.34	0.002	0.19	4.23	3.0	10	70	1.16	0.28	0.29	0.14	32.4	11.7	17	1.06
CG ESK 16-D007		0.44	0.002	0.22	3.30	5.6	10	30	0.60	0.19	0.06	0.17	53.1	22.7	21	1.68
CG ESK 16-D008		0.34	0.002	0.28	4.13	3.9	10	30	0.94	0.17	0.12	0.09	43.8	5.5	24	0.99
CG ESK 16-D009		0.38	0.002	0.19	3.46	5.4	10	20	0.53	0.26	0.04	0.09	33.5	15.9	17	1.55
CG ESK 16-D010		0.42	0.001	0.27	4.13	2.8	10	30	0.78	0.16	0.13	0.10	47.2	27.1	21	1.05
CG ESK 16-D011		0.76	0.004	0.26	2.28	14.1	10	80	1.31	0.15	0.14	0.32	34.2	16.2	45	1.24
CG ESK 16-D012		0.34	0.003	0.17	5.61	3.5	10	20	1.38	0.22	0.06	0.07	53.9	25.9	24	0.95
CG ESK 16-D013		0.60	0.003	0.10	2.69	8.9	10	260	0.96	0.09	0.35	0.13	35.8	12.0	9	1.93
CG ESK 16-D014		0.54	0.010	0.37	2.66	99.0	<10	90	1.04	0.07	0.15	0.14	49.4	10.5	8	2.04
CG ESK 16-D015		0.54	0.017	0.29	3.00	170.5	10	170	1.78	0.08	0.43	0.32	73.1	18.1	6	2.20
CG ESK 16-D016		0.44	0.002	0.22	2.96	9.7	10	210	0.84	0.19	0.48	0.23	28.5	13.6	17	2.20

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

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Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method / Analyte / Units / LOR	AuME-TL43 Cu ppm 0.2	AuME-TL43 Fe % 0.01	AuME-TL43 Ga ppm 0.05	AuME-TL43 Ge ppm 0.05	AuME-TL43 Hf ppm 0.02	AuME-TL43 Hg ppm 0.01	AuME-TL43 In ppm 0.005	AuME-TL43 K % 0.01	AuME-TL43 La ppm 0.2	AuME-TL43 Li ppm 0.1	AuME-TL43 Mg % 0.01	AuME-TL43 Mn ppm 5	AuME-TL43 Mo ppm 0.05	AuME-TL43 Na % 0.01	AuME-TL43 Nb ppm 0.05
MG ESK 16-D074		68.2	4.10	7.82	<0.05	0.02	0.04	0.043	0.09	7.3	6.3	0.79	618	5.54	0.01	2.02
MG ESK 16-D075		73.1	4.31	8.50	<0.05	<0.02	0.05	0.028	0.20	6.2	6.7	0.98	705	3.34	0.01	1.76
MG ESK 16-D076		97.9	4.68	7.84	0.06	0.08	0.02	0.046	0.23	19.1	12.4	1.30	1160	6.60	0.01	0.84
MG ESK 16-D077		126.5	4.79	7.91	0.05	0.03	0.02	0.050	0.14	11.5	8.6	1.14	1040	5.61	0.02	0.86
MG ESK 16-D078		185.0	5.58	9.32	0.05	<0.02	0.04	0.054	0.19	12.2	10.4	1.34	1770	5.11	0.01	0.65
MG ESK 16-D079		75.7	4.50	9.16	0.05	0.04	0.05	0.045	0.14	8.8	10.0	1.03	839	3.73	0.03	5.12
MG ESK 16-D080		43.3	4.50	16.50	0.06	0.32	0.06	0.083	0.08	23.4	10.2	0.65	578	4.04	0.03	21.4
MG ESK 16-D081		103.0	4.56	7.79	<0.05	<0.02	0.05	0.038	0.11	9.6	10.3	1.22	843	4.63	0.01	0.85
MG ESK 16-D082		142.0	5.41	9.13	<0.05	<0.02	0.04	0.049	0.16	9.7	11.8	1.64	1280	6.11	0.01	0.41
MG ESK 16-D083		113.5	4.35	6.91	0.07	0.07	0.03	0.038	0.22	18.5	10.7	1.22	923	5.37	0.01	0.77
MG ESK 16-D084		116.5	4.86	7.70	0.06	0.04	0.02	0.040	0.26	11.3	10.5	1.33	1290	4.86	0.01	0.55
MG ESK 16-D085		64.9	4.57	15.00	0.06	0.15	0.02	0.072	0.11	22.9	11.1	0.74	607	5.59	0.03	9.76
MG ESK 16-D086		93.8	10.95	10.75	0.08	0.11	0.06	0.115	0.07	26.8	9.2	0.68	4180	8.78	0.01	3.21
MG ESK 16-D087		104.0	4.50	7.48	0.05	0.05	0.03	0.045	0.14	12.1	12.2	1.20	1140	5.19	0.01	0.98
MG ESK 16-D088		61.9	4.13	11.70	0.06	0.18	0.03	0.065	0.10	16.7	9.5	0.69	598	5.56	0.02	9.22
MG ESK 16-D089		64.1	4.92	15.65	<0.05	0.11	0.05	0.076	0.07	18.0	12.6	0.75	1100	3.29	0.05	11.50
MG ESK 16-D090		82.6	4.82	9.97	<0.05	0.02	0.04	0.037	0.12	6.3	9.9	1.14	825	2.81	0.01	2.32
MG ESK 16-D091		85.0	5.20	12.05	<0.05	0.02	0.04	0.046	0.15	8.3	10.5	1.28	1010	2.97	0.01	2.97
MG ESK 16-D092		68.6	4.54	14.40	0.07	0.37	0.05	0.074	0.13	24.9	10.6	0.77	783	5.06	0.03	17.05
MG ESK 16-D093		92.1	4.21	8.34	<0.05	<0.02	0.03	0.039	0.14	8.8	10.1	1.24	699	4.08	0.01	0.77
MG ESK 16-D094		72.5	4.29	10.20	<0.05	0.03	0.07	0.031	0.14	5.7	7.6	0.79	822	2.70	0.01	3.99
MG ESK 16-D095		69.6	4.58	9.59	<0.05	0.03	0.07	0.036	0.11	8.9	7.9	0.84	794	3.62	0.01	3.34
MG ESK 16-D096		95.9	5.52	11.75	<0.05	0.04	0.04	0.047	0.17	10.0	12.2	1.56	929	3.04	0.01	2.92
MG ESK 16-D097		56.7	4.24	12.20	<0.05	0.04	0.05	0.045	0.08	8.8	9.4	0.82	411	3.49	0.01	5.90
CG ESK 16-D001		15.9	7.79	3.37	<0.05	0.63	0.12	0.230	0.24	31.3	1.9	0.06	274	8.60	0.05	0.05
CG ESK 16-D002		19.3	7.35	2.61	0.05	0.26	0.16	0.405	0.07	24.2	1.2	0.05	171	13.25	0.01	<0.05
CG ESK 16-D003		23.5	20.3	9.31	0.05	0.16	0.08	0.482	0.06	17.4	0.5	0.02	37	237	0.01	0.34
CG ESK 16-D004		11.2	3.48	1.84	0.06	0.11	0.08	0.227	0.10	39.5	1.8	0.05	617	9.47	0.01	0.06
CG ESK 16-D005		9.9	5.45	26.7	0.11	1.41	0.04	0.121	0.08	29.4	9.9	0.17	399	6.51	0.06	33.4
CG ESK 16-D006		21.7	5.40	14.25	0.06	0.44	0.07	0.073	0.06	14.8	8.2	0.44	414	2.14	0.08	8.59
CG ESK 16-D007		23.9	5.67	19.35	0.05	0.35	0.16	0.087	0.04	12.5	10.9	0.25	1670	3.90	0.03	14.25
CG ESK 16-D008		21.0	5.20	19.10	0.06	0.75	0.08	0.086	0.05	17.1	9.1	0.30	142	2.45	0.06	15.85
CG ESK 16-D009		14.8	6.34	29.1	<0.05	0.92	0.15	0.115	0.04	12.8	5.0	0.11	1260	5.17	0.03	34.2
CG ESK 16-D010		23.7	6.11	20.5	0.05	0.52	0.13	0.078	0.05	16.9	5.8	0.33	1400	3.36	0.07	12.80
CG ESK 16-D011		40.2	4.29	7.20	0.06	0.06	0.15	0.050	0.05	23.3	34.6	0.91	659	3.72	0.01	0.93
CG ESK 16-D012		22.9	7.66	27.8	0.06	2.51	0.12	0.106	0.03	23.0	5.4	0.22	942	5.11	0.03	28.4
CG ESK 16-D013		17.8	5.27	10.05	<0.05	<0.02	0.04	0.076	0.06	15.3	19.9	0.63	2170	1.29	0.02	0.48
CG ESK 16-D014		15.2	4.56	9.34	0.05	0.03	0.15	0.075	0.07	18.7	18.6	0.57	1090	1.33	0.01	0.88
CG ESK 16-D015		16.3	5.95	9.11	0.06	0.05	0.21	0.083	0.07	21.2	20.8	0.60	2570	2.55	0.03	1.53
CG ESK 16-D016		17.6	4.89	16.25	<0.05	0.06	0.08	0.084	0.08	13.0	15.4	0.61	1200	2.51	0.07	4.71

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

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Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method Analyte Units LOR	AuME-TL43 Ni ppm 0.2	AuME-TL43 P ppm 10	AuME-TL43 Pb ppm 0.2	AuME-TL43 Rb ppm 0.1	AuME-TL43 Re ppm 0.001	AuME-TL43 S % 0.01	AuME-TL43 Sb ppm 0.05	AuME-TL43 Sc ppm 0.1	AuME-TL43 Se ppm 0.2	AuME-TL43 Sn ppm 0.2	AuME-TL43 Sr ppm 0.2	AuME-TL43 Ta ppm 0.01	AuME-TL43 Te ppm 0.01	AuME-TL43 Th ppm 0.2	AuME-TL43 Ti % 0.005
MG ESK 16-D074		22.0	750	21.0	9.4	<0.001	0.06	4.00	2.5	2.6	0.8	16.8	<0.01	0.07	0.4	0.106
MG ESK 16-D075		18.0	760	16.3	20.5	<0.001	0.08	2.25	1.9	1.0	0.6	22.7	<0.01	0.05	0.2	0.090
MG ESK 16-D076		33.7	1070	24.3	13.8	0.001	0.02	4.08	4.4	3.2	0.7	23.9	<0.01	0.08	2.0	0.106
MG ESK 16-D077		33.8	1260	27.4	10.9	0.001	0.02	3.93	5.2	2.6	0.7	21.5	<0.01	0.10	1.8	0.091
MG ESK 16-D078		46.0	1700	40.0	14.9	<0.001	0.03	3.45	5.1	1.9	0.8	20.0	<0.01	0.14	1.6	0.082
MG ESK 16-D079		20.7	1080	19.1	16.2	<0.001	0.06	2.56	2.8	1.8	1.7	17.2	0.01	0.07	0.5	0.081
MG ESK 16-D080		11.2	920	14.0	8.4	<0.001	0.05	1.18	2.2	1.2	4.2	11.3	0.07	0.04	1.4	0.079
MG ESK 16-D081		29.2	880	19.6	10.5	0.001	0.04	3.27	3.7	2.3	0.5	24.2	<0.01	0.07	0.4	0.089
MG ESK 16-D082		44.4	820	22.4	11.1	<0.001	0.04	3.98	7.1	2.9	0.3	22.0	<0.01	0.08	0.6	0.096
MG ESK 16-D083		27.5	1340	22.8	12.5	<0.001	0.02	3.82	4.2	2.5	0.4	25.9	<0.01	0.07	1.9	0.101
MG ESK 16-D084		32.1	1470	27.0	15.5	<0.001	0.02	3.38	4.7	2.3	0.5	22.3	<0.01	0.07	1.5	0.102
MG ESK 16-D085		17.1	970	21.0	10.4	0.001	0.03	2.35	3.2	1.6	3.7	12.5	0.02	0.05	2.7	0.104
MG ESK 16-D086		37.8	1120	54.8	8.3	<0.001	0.04	6.33	12.6	2.2	2.2	13.7	0.03	0.06	1.5	0.051
MG ESK 16-D087		28.2	1230	24.7	10.0	<0.001	0.02	4.05	4.2	2.4	0.5	21.3	<0.01	0.08	1.3	0.077
MG ESK 16-D088		16.2	850	20.1	9.0	<0.001	0.03	2.91	3.0	1.9	2.8	11.7	0.02	0.05	2.0	0.086
MG ESK 16-D089		19.0	1040	30.0	8.6	<0.001	0.09	1.92	2.2	1.1	3.7	11.5	0.03	0.07	0.7	0.077
MG ESK 16-D090		17.1	700	17.2	13.7	<0.001	0.05	2.19	3.8	1.1	0.8	17.0	<0.01	0.07	0.3	0.122
MG ESK 16-D091		17.0	890	18.5	13.8	<0.001	0.04	2.88	4.0	1.1	1.4	15.3	<0.01	0.05	0.3	0.082
MG ESK 16-D092		16.4	740	17.5	9.4	<0.001	0.04	2.34	3.3	1.7	3.3	12.7	0.04	0.06	2.8	0.096
MG ESK 16-D093		22.1	1060	19.9	11.5	<0.001	0.03	2.76	3.6	1.4	0.6	20.4	<0.01	0.07	0.4	0.075
MG ESK 16-D094		13.0	570	13.4	21.7	<0.001	0.07	1.89	2.3	1.1	1.2	18.2	<0.01	0.07	0.2	0.114
MG ESK 16-D095		16.7	1240	18.8	12.2	<0.001	0.06	2.41	1.9	1.8	1.1	17.3	0.01	0.08	0.2	0.059
MG ESK 16-D096		19.5	1050	14.1	16.4	<0.001	0.03	1.78	6.0	1.3	1.1	16.8	<0.01	0.06	1.1	0.115
MG ESK 16-D097		13.7	820	16.0	8.4	<0.001	0.04	1.94	2.8	1.2	1.7	13.3	<0.01	0.06	0.3	0.076
CG ESK 16-D001		1.2	180	159.5	12.2	<0.001	0.61	30.3	4.7	0.4	0.4	17.7	<0.01	<0.01	27.6	<0.005
CG ESK 16-D002		1.3	160	209	10.2	<0.001	0.09	42.4	4.6	1.2	0.3	6.5	<0.01	0.01	25.2	<0.005
CG ESK 16-D003		0.6	240	89.6	7.7	<0.001	0.21	35.3	5.5	3.9	0.6	1.8	<0.01	0.01	62.7	<0.005
CG ESK 16-D004		1.3	110	157.0	11.1	<0.001	0.04	17.40	1.6	0.2	0.4	2.6	<0.01	0.01	12.2	<0.005
CG ESK 16-D005		11.7	390	13.6	9.2	<0.001	0.08	0.70	4.3	1.3	8.6	4.2	0.02	0.03	7.2	0.196
CG ESK 16-D006		10.3	740	6.2	5.3	<0.001	0.09	0.35	10.7	0.7	1.5	25.2	0.01	0.02	1.1	0.392
CG ESK 16-D007		14.8	510	11.0	6.8	<0.001	0.11	0.60	5.8	1.1	3.5	7.2	0.01	0.04	0.9	0.227
CG ESK 16-D008		15.3	780	8.7	5.3	<0.001	0.11	0.49	11.3	1.2	3.0	12.7	0.02	0.03	2.0	0.378
CG ESK 16-D009		4.7	500	12.0	7.2	<0.001	0.10	0.33	4.3	1.3	6.6	3.8	0.03	0.04	2.3	0.261
CG ESK 16-D010		9.8	450	8.5	5.7	0.001	0.11	0.32	8.9	1.0	3.2	14.0	0.01	0.04	1.1	0.371
CG ESK 16-D011		74.9	870	11.4	6.1	<0.001	0.02	1.08	9.2	0.6	0.8	13.0	0.01	0.07	1.2	0.030
CG ESK 16-D012		8.4	510	10.7	6.6	<0.001	0.09	0.26	11.0	0.9	5.1	6.4	0.09	0.03	2.7	0.394
CG ESK 16-D013		7.7	1660	10.8	11.9	<0.001	0.04	0.92	2.7	0.4	0.7	29.4	<0.01	0.02	0.2	0.031
CG ESK 16-D014		6.9	1680	20.6	10.8	<0.001	0.07	2.45	1.5	0.5	0.7	10.2	0.01	0.02	<0.2	0.016
CG ESK 16-D015		7.7	1800	31.8	9.9	<0.001	0.11	3.13	3.6	0.8	0.8	27.2	0.01	0.02	0.3	0.030
CG ESK 16-D016		14.4	1020	14.3	11.0	<0.001	0.10	0.57	3.6	0.7	2.0	43.8	0.01	0.02	0.4	0.135

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

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Finalized Date: 3-OCT-2016
Account: ESMICO

Project: Corey Project

CERTIFICATE OF ANALYSIS VA16159692

Sample Description	Method Analyte Units LOR	AuME-TL43 Tl ppm 0.02	AuME-TL43 U ppm 0.05	AuME-TL43 V ppm 1	AuME-TL43 W ppm 0.05	AuME-TL43 Y ppm 0.05	AuME-TL43 Zn ppm 2	AuME-TL43 Zr ppm 0.5
MG ESK 16-D074		0.11	0.58	86	0.15	4.36	112	1.6
MG ESK 16-D075		0.16	0.61	112	0.15	4.61	88	0.9
MG ESK 16-D076		0.18	1.19	90	0.21	13.75	164	3.6
MG ESK 16-D077		0.16	0.75	85	0.23	7.94	146	1.9
MG ESK 16-D078		0.22	0.69	97	0.19	10.25	170	0.8
MG ESK 16-D079		0.15	0.64	95	0.16	7.21	111	2.9
MG ESK 16-D080		0.10	2.11	60	0.36	14.05	85	22.2
MG ESK 16-D081		0.13	0.57	106	0.11	8.19	129	0.6
MG ESK 16-D082		0.15	0.58	122	0.11	9.12	160	<0.5
MG ESK 16-D083		0.15	0.93	86	0.21	14.75	142	4.2
MG ESK 16-D084		0.18	0.64	96	0.19	9.18	147	2.4
MG ESK 16-D085		0.14	2.24	69	0.38	16.15	111	14.0
MG ESK 16-D086		0.16	2.33	87	0.25	41.6	231	6.4
MG ESK 16-D087		0.14	0.93	90	0.19	9.51	159	3.1
MG ESK 16-D088		0.11	2.12	63	0.32	15.40	106	14.1
MG ESK 16-D089		0.12	1.12	72	0.20	10.90	132	7.3
MG ESK 16-D090		0.12	0.45	135	0.11	4.61	97	1.1
MG ESK 16-D091		0.15	0.55	129	0.13	5.89	113	1.6
MG ESK 16-D092		0.11	2.47	66	0.40	17.80	107	29.3
MG ESK 16-D093		0.13	0.53	103	0.13	6.13	114	0.6
MG ESK 16-D094		0.16	0.51	120	0.11	4.06	76	1.7
MG ESK 16-D095		0.11	0.58	91	0.13	6.28	91	1.3
MG ESK 16-D096		0.16	0.64	139	0.19	7.69	104	3.1
MG ESK 16-D097		0.10	0.69	95	0.17	5.29	73	3.1
CG ESK 16-D001		0.23	2.26	3	0.12	7.11	305	51.0
CG ESK 16-D002		0.23	2.05	3	0.12	7.42	255	19.5
CG ESK 16-D003		0.17	1.06	10	0.38	3.42	181	19.8
CG ESK 16-D004		0.25	2.43	3	0.13	8.22	266	7.1
CG ESK 16-D005		0.10	3.92	33	0.62	36.1	73	121.5
CG ESK 16-D006		0.07	1.04	106	0.08	16.10	56	35.7
CG ESK 16-D007		0.09	1.35	83	0.09	12.35	62	29.0
CG ESK 16-D008		0.09	1.28	104	0.12	16.75	52	63.9
CG ESK 16-D009		0.12	1.69	78	0.21	8.63	40	76.1
CG ESK 16-D010		0.11	1.32	109	0.08	15.85	53	39.0
CG ESK 16-D011		0.11	0.56	44	<0.05	30.5	129	2.9
CG ESK 16-D012		0.08	1.80	115	0.22	21.2	47	120.0
CG ESK 16-D013		0.09	0.67	58	<0.05	17.55	75	0.6
CG ESK 16-D014		0.10	0.64	52	<0.05	18.85	70	1.2
CG ESK 16-D015		0.13	0.68	54	0.07	24.1	90	2.1
CG ESK 16-D016		0.13	0.84	92	<0.05	11.60	71	5.2

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

Appendix II

Rock Sample

UTM Coordinates

&

Laboratory Analytical Certificates

SAMPLE DESCRIPTION	Date	East NAD83	North NAD83	Elev	Recvd Wt kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
SR-ESK-2016-001	22-Aug-16	426076	6266838	1231	2.06	0.001		<0.5	9.14	14	280	1.8	<2	0.02	<0.5	10	7	23	5.62	20	3.03	10	1.17
SR-ESK-2016-002	22-Aug-16	426076	6266836		1.47	0.001		<0.5	8.76	14	1490	1.2	<2	0.28	<0.5	4	28	12	3.59	20	2.66	10	0.73
SR-ESK-2016-003	22-Aug-16	426267	6267087	1414	1.38	0.001		<0.5	9.05	15	1700	1.2	<2	1.19	<0.5	14	10	52	5.5	20	1.08	20	1.72
SR-ESK-2016-004	22-Aug-16	426273	6267026		2.17	0.002		<0.5	9.06	40	1030	1.2	<2	1.26	<0.5	24	12	55	7.08	20	0.74	20	1.88
SR-ESK-2016-006	22-Aug-16	426264	6267052		1.26	0.003		<0.5	8.74	60	200	0.9	<2	0.8	<0.5	14	8	42	5.63	20	0.16	10	1.66
SR-ESK-2016-009	22-Aug-16	426860	6266691	1387	1.1	0.002		<0.5	3.15	35	710	<0.5	<2	0.02	<0.5	2	6	8	1.24	10	1.17	10	0.05
SR-ESK-2016-012	23-Aug-16	415004	6253730	1739	4.35	0.037		<0.5	1.27	<5	50	<0.5	3	0.29	<0.5	5	4	423	35.1	<10	0.8	<10	0.19
SR-ESK-2016-014	23-Aug-16	414932	6253790	1722	1.8	0.012		<0.5	8.91	9	1050	0.8	<2	2.76	<0.5	11	12	9	5.18	20	4.47	10	1.37
SR-ESK-2016-015	23-Aug-16	414945	6253860	1720	1.97	0.009		<0.5	7.77	7	3080	1	46	3.86	<0.5	15	9	170	5.91	10	3.87	10	2.04
SR-ESK-2016-017	23-Aug-16	414855	6253988	1739	1.52	0.009		0.7	3.98	<5	80	0.5	6	5.23	0.6	103	14	1710	18.65	10	2.41	10	1.46
SR-ESK-2016-018	23-Aug-16	414849	6253983	1744	1.81	0.011		1.6	0.12	<5	10	<0.5	5	0.07	<0.5	152	9	3780	23.2	<10	0.02	<10	0.03
SR-ESK-2016-019	23-Aug-16	414821	6254015	1758	1.99	0.007		<0.5	5.63	<5	290	0.7	5	8.8	0.5	44	25	1040	12	20	2.1	10	2.69
SR-ESK-2016-022	23-Aug-16	414791	6254021	1786	1.64	0.004		<0.5	7.14	<5	340	1.8	<2	3.6	<0.5	55	39	841	10.55	20	4.89	10	2.62
SR-ESK-2016-025	23-Aug-16	414918	6254046	1706	1.85	0.005		<0.5	7.76	<5	1330	1.1	<2	4.59	<0.5	18	44	406	6	20	3.94	10	1.71
SR-ESK-2016-031	23-Aug-16	415088	6254097	1630	1.89	0.008		<0.5	6.53	<5	170	1.2	2	4.73	<0.5	49	32	1110	5.87	10	2.46	10	1.75
SR-ESK-2016-033	23-Aug-16	415150	6254140	1605	1.04	0.056		5.8	1.21	7	30	<0.5	<2	0.77	<0.5	1135	8	3940	24.5	<10	1.22	<10	0.32
SR-ESK-2016-034	23-Aug-16	415168	6254118	1596	1.1	0.015		<0.5	0.2	<5	40	<0.5	11	0.21	<0.5	28	48	122	5.36	<10	0.13	<10	0.06
SR-ESK-2016-035	23-Aug-16	415194	6254096	1576	1.28	0.014		<0.5	7.9	<5	1000	1.4	3	2.48	<0.5	15	9	423	6.16	20	4.82	10	2.31
SR-ESK-2016-037	23-Aug-16	415313	6254042	1501	2.47	0.018		0.5	0.02	<5	<10	<0.5	<2	0.48	0.5	183	19	317	17.95	<10	0.01	<10	0.23
SR-ESK-2016-041	24-Aug-16	414683	6254844	1899	1.1	0.048		0.7	8.73	<5	1160	1.4	<2	3.04	<0.5	22	7	1010	5.57	20	5.07	10	1.14
SR-ESK-2016-045	24-Aug-16	414546	6254673	1922	1.92	0.009		<0.5	7.55	5	1320	0.9	4	5.46	<0.5	23	35	164	6.14	10	3.85	10	1.97
SR-ESK-2016-046	24-Aug-16	414500	6254346	1914	1.95	0.002		<0.5	7.36	<5	1020	2.8	<2	5	<0.5	26	25	411	6.77	10	3.32	10	2.33
SR-ESK-2016-047	24-Aug-16	414501	6254360		0.75	0.012		<0.5	1	<5	200	0.5	<2	0.23	<0.5	6	27	360	1.11	<10	0.46	<10	0.04
SR-ESK-2016-049	24-Aug-16	414511	6254304	1901	1.73	0.005		<0.5	6.5	<5	90	3.3	<2	4.39	<0.5	50	16	1140	10.6	20	4.76	10	1.44
SR-ESK-2016-051	24-Aug-16	414501	6254271	1893	0.7	0.005		0.5	4.51	<5	210	2.9	<2	5.51	<0.5	190	11	1260	17.3	10	2.7	10	1.24
SR-ESK-2016-056	24-Aug-16	415147	6253534	1726	1.14	0.03		<0.5	9.42	22	1530	0.8	<2	0.38	<0.5	9	5	6	4.01	20	4.48	10	0.59
SR-ESK-2016-059	24-Aug-16	415324	6253434	1783	1.5	0.01		<0.5	8.53	6	2840	0.9	2	3.76	<0.5	9	8	85	4.5	20	4.21	10	1.5
SR-ESK-2016-060	24-Aug-16	415382	6253425	1789	2.21	0.017		<0.5	8.08	13	1310	0.9	<2	6.65	0.5	16	16	95	7.72	20	2.89	10	2.47
SR-ESK-2016-061	24-Aug-16	415366	6253344	1805	2.19	0.368		1.5	1.83	<5	580	<0.5	209	0.74	<0.5	4	33	235	11.25	10	0.91	<10	0.52
SR-ESK-2016-062	24-Aug-16	415411	6253213	1848	1.85	0.116		<0.5	8.52	<5	2230	1.6	8	3.37	<0.5	9	7	194	5.15	20	4.84	10	1.06
SR-ESK-2016-066	25-Aug-16	414520	6257098	1972	1.42	0.024		1.3	7.74	20	1200	1.1	3	4.15	0.9	20	29	206	6.08	20	4.13	10	1.45
SR-ESK-2016-067	25-Aug-16	414424	6256906	1936	1.58	<0.001		<0.5	0.5	<5	120	<0.5	2	1.99	0.6	2	28	12	1.53	<10	0.25	<10	0.2
SR-ESK-2016-068	25-Aug-16	414345	6256922	1922	1.25	0.045		1.8	0.15	<5	40	<0.5	<2	0.1	<0.5	13	4	78	32	<10	0.09	<10	0.19
SR-ESK-2016-069	25-Aug-16	414372	6256935	1930	1.65	0.007		<0.5	4.08	20	420	1.1	<2	0.35	0.8	30	7	154	19	10	2.09	10	0.54
SR-ESK-2016-071	25-Aug-16	414280	6256930	1893	2.59	0.001		<0.5	0.21	53	10	<0.5	<2	0.01	<0.5	6	<1	46	>50	<10	0.01	<10	0.05
SR-ESK-2016-073	25-Aug-16	414077	6256685	1843	1.55	0.143		2.1	6.09	67	370	1.1	7	0.19	3.3	14	87	310	13.15	20	2.87	10	1.27
SR-ESK-2016-074	25-Aug-16	414062	6256666	1837	1.77	0.003		0.7	8.67	20	1750	0.7	<2	3.13	<0.5	22	6	157	6.83	20	1.69	10	2.7
SR-ESK-2016-076	25-Aug-16	414457	6257040	1954	1.77	0.023		2	7.34	69	1870	0.6	<2	1.86	1.1	15	31	376	4.11	10	2.78	10	1.31
SR-ESK-2016-077	25-Aug-16	414465	6257092	1957	1.56	0.007		<0.5	3.01	107	310	1.1	4	0.27	<0.5	7	21	7	8.41	<10	1.53	10	0.19
SR-ESK-2016-078	25-Aug-16	414465	6257096	1959	1.07	0.006		1.6	8.7	25	980	1.3	<2	2.62	0.9	19	21	70	5.37	20	3.3	10	0.67
SR-ESK-2016-080	25-Aug-16	414403	6257195	1933	1.33	2.01		53.6	0.22	3010	20	<0.5	15	0.03	0.7	<1	16	1180	23.8	<10	0.09	<10	0.01
SR-ESK-2016-081	25-Aug-16	414372	6257261	1915	1.26	0.009		<0.5	5.13	53	1360	0.5	<2	1.37	<0.5	1	20	13	0.49	10	2.77	10	0.02
SR-ESK-2016-084	25-Aug-16	414140	6257363	1812	2.22	0.054		<0.5	4.5	64	690	1	<2	0.16	<0.5	5	30	72	4.96	10	2.21	10	0.22
SR-ESK-2016-085	25-Aug-16	413996	6257430	1722	2.98	0.03		0.8	8.91	47	1360	0.8	<2	0.86	<0.5	8	19	26	6.66	20	3.52	10	0.98
SR-ESK-2016-087	25-Aug-16	413773	6257621	1655	5.54	0.009		<0.5	8.81	24	480	0.5	<2	2.26	<0.5	19	27	43	5.73	20	4.22	10	1.2

SAMPLE DESCRIPTION	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %	Pb %	Zn %
SR-ESK-2016-001	384	2	0.64	3	70	14	4.53	5	21	124	<20	0.5	<10	<10	53	<10	79				
SR-ESK-2016-002	131	2	2.19	4	1070	12	0.64	<5	13	354	<20	0.38	<10	<10	89	<10	36				
SR-ESK-2016-003	1290	<1	4.43	5	1650	7	0.18	<5	20	623	<20	0.51	<10	<10	215	<10	76				
SR-ESK-2016-004	1105	1	4.48	9	1650	11	2.62	<5	27	542	<20	0.64	<10	<10	299	<10	76				
SR-ESK-2016-006	729	7	5.56	6	960	9	2.22	<5	20	322	<20	0.52	<10	<10	241	<10	53				
SR-ESK-2016-009	25	8	0.15	2	110	6	1.15	26	5	85	<20	0.28	<10	<10	44	<10	27				
SR-ESK-2016-012	75	26	0.2	49	290	3	>10.0	<5	4	6	<20	0.04	<10	<10	34	10	10				
SR-ESK-2016-014	522	4	1.17	5	1420	55	3.27	<5	14	221	<20	0.28	<10	<10	213	10	63				
SR-ESK-2016-015	1050	1	1.68	5	2290	7	1.21	<5	26	219	<20	0.35	<10	<10	351	<10	109				
SR-ESK-2016-017	981	69	0.44	16	1140	3	>10.0	<5	22	102	<20	0.23	<10	10	219	190	43				
SR-ESK-2016-018	59	22	0.01	31	10	<2	>10.0	<5	<1	1	<20	<0.01	<10	<10	3	700	9				
SR-ESK-2016-019	2240	4	1.08	8	1530	<2	6.36	<5	32	210	<20	0.3	<10	<10	278	50	84				
SR-ESK-2016-022	1110	25	0.41	17	1730	5	4.5	<5	38	134	<20	0.42	<10	<10	389	50	110				
SR-ESK-2016-025	800	42	1.13	10	1600	4	2.31	<5	26	202	<20	0.48	10	<10	229	500	65				
SR-ESK-2016-031	861	386	2.06	7	1480	<2	3.58	<5	28	321	<20	0.43	<10	<10	200	20	49				
SR-ESK-2016-033	376	49	0.05	7	200	<2	>10.0	<5	3	25	<20	0.15	<10	<10	92	1490	25				
SR-ESK-2016-034	146	8	0.02	3	30	<2	5.26	<5	<1	1	<20	0.01	<10	<10	4	50	3				
SR-ESK-2016-035	893	7	1.55	6	1050	2	3.24	<5	14	191	<20	0.31	<10	<10	155	<10	57				
SR-ESK-2016-037	387	<1	0.01	17	<10	<2	>10.0	<5	<1	<1	<20	<0.01	<10	<10	1	80	4				
SR-ESK-2016-041	445	35	1.12	11	1190	8	3.08	<5	11	105	<20	0.24	<10	<10	135	10	37				
SR-ESK-2016-045	1490	3	0.99	10	1790	5	1.86	<5	29	145	<20	0.4	<10	<10	260	10	100				
SR-ESK-2016-046	1260	13	2.45	12	1740	<2	2.71	<5	27	361	<20	0.46	<10	<10	260	30	68				
SR-ESK-2016-047	59	7570	0.24	4	80	<2	0.95	<5	2	10	<20	0.03	<10	<10	12	10	2				
SR-ESK-2016-049	1165	82	0.78	14	1860	2	6.85	<5	29	181	<20	0.41	<10	<10	250	10	51				
SR-ESK-2016-051	1040	78	0.84	17	1100	<2	>10.0	<5	19	149	<20	0.23	10	<10	143	10	50				
SR-ESK-2016-056	200	3	0.89	3	970	19	2.86	<5	12	101	<20	0.15	<10	<10	148	10	11				
SR-ESK-2016-059	1205	4	1.93	2	1320	8	0.59	<5	11	288	<20	0.39	<10	<10	158	<10	54				
SR-ESK-2016-060	1705	1	1.42	4	2280	12	0.61	<5	38	202	<20	0.51	10	<10	403	10	145				
SR-ESK-2016-061	369	2	0.22	1	650	11	0.13	<5	8	47	<20	0.15	<10	<10	99	30	24				
SR-ESK-2016-062	5320	<1	0.19	3	1270	5	1.34	<5	11	57	<20	0.3	<10	<10	152	20	40				
SR-ESK-2016-066	1065	3	0.88	16	2000	4	2.62	130	27	235	<20	0.27	<10	<10	277	10	88				
SR-ESK-2016-067	632	<1	0.03	3	420	2	0.02	19	4	41	<20	0.01	<10	<10	14	<10	48				
SR-ESK-2016-068	60100	<1	0.01	1	210	8	0.06	9	27	97	<20	<0.01	<10	10	20	<10	108				
SR-ESK-2016-069	41000	<1	0.04	9	1560	13	0.49	18	16	84	<20	0.16	<10	<10	116	10	243				
SR-ESK-2016-071	20800	<1	<0.01	<1	210	5	0.17	<5	48	4	<20	<0.01	<10	<10	35	<10	175				
SR-ESK-2016-073	12750	9	0.04	11	1520	31	0.25	<5	37	21	<20	0.39	<10	<10	303	40	532				
SR-ESK-2016-074	2000	1	3.22	6	2560	20	1.82	5	28	767	<20	0.42	<10	<10	290	<10	81				
SR-ESK-2016-076	966	1	2.16	10	1720	922	0.14	331	21	178	<20	0.19	<10	<10	208	<10	151				
SR-ESK-2016-077	12550	<1	0.04	5	1410	11	0.04	5	10	52	<20	0.06	<10	<10	83	10	33				
SR-ESK-2016-078	1325	1	2.8	12	1920	37	2.35	58	22	209	<20	0.22	<10	<10	256	10	106				
SR-ESK-2016-080	2660	<1	0.02	<1	120	8	0.13	16	3	8	<20	<0.01	<10	<10	8	<10	143				
SR-ESK-2016-081	422	1	3.11	<1	30	7	0.06	<5	<1	162	<20	0.04	<10	<10	2	<10	13				
SR-ESK-2016-084	2400	<1	0.05	2	530	4	0.38	<5	6	16	<20	0.11	<10	<10	71	10	40				
SR-ESK-2016-085	503	1	1.88	9	1550	94	2.01	<5	27	229	<20	0.24	<10	<10	247	<10	160				
SR-ESK-2016-087	1660	1	1.85	15	1840	96	3.21	<5	24	394	<20	0.36	<10	<10	237	<10	73				

SAMPLE DESCRIPTION	Date	East NAD83	North NAD83	Elev	Recvd Wt kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
SR-ESK-2016-089	26-Aug-16	419167	6255780	1545	0.89	<0.001		<0.5	5.12	<5	2650	1.1	<2	0.03	1.1	1	20	31	1.07	20	4.5	50	0.16
SR-ESK-2016-090	26-Aug-16	419251	6255776	1579	1.5	0.002		15.3	5.89	<5	3680	1.5	14	0.08	0.5	3	10	8500	2.05	10	4.37	20	0.31
SR-ESK-2016-092	26-Aug-16	419333	6255726	1594	1.15	0.001		<0.5	5.7	<5	1780	1.1	<2	1.1	<0.5	<1	29	17	0.99	20	2	30	0.31
SR-ESK-2016-093	26-Aug-16	419314	6255587	1570	0.96	<0.001		<0.5	5.82	16	2010	1.6	<2	0.04	<0.5	1	10	26	1.22	20	2.55	20	0.15
SR-ESK-2016-094	26-Aug-16	419217	6255532	1525	0.99	0.001		<0.5	3.6	5	1230	1.4	<2	0.11	0.7	<1	13	5	1.61	10	1.57	20	0.12
SR-ESK-2016-095	26-Aug-16	419132	6255567	1481	2.09	<0.001		<0.5	5.1	5	2690	1.2	<2	0.23	0.7	1	16	20	1.05	20	2.78	30	0.11
SR-ESK-2016-099	28-Aug-16	420277	6251945	1801	1.73	<0.001		<0.5	6.24	6	2140	1.8	<2	0.06	<0.5	2	7	9	2.03	20	3.41	10	0.18
SR-ESK-2016-100	28-Aug-16	420385	6251817	1835	1.12	<0.001		<0.5	6.54	<5	2810	0.9	<2	0.07	1.7	1	16	7	1.35	20	4.17	20	0.12
SR-ESK-2016-101	28-Aug-16	420364	6251795	1834	1.84	0.004		<0.5	5.75	31	280	<0.5	<2	0.04	<0.5	3	22	20	3.23	10	4.77	10	0.02
SR-ESK-2016-103	28-Aug-16	420275	6251822	1788	1.45	0.001		0.5	6.84	9	1620	2	3	0.08	<0.5	1	8	8	3.39	20	2.56	20	0.36
SR-ESK-2016-105	28-Aug-16	420276	6251787	1787	0.94	0.043		1.2	5.91	5	670	1.9	<2	0.3	<0.5	2	5	68	4.32	10	2.66	30	0.53
SR-ESK-2016-106	28-Aug-16	420272	6251761	1775	0.59	0.024		2.7	6.67	1835	290	2.5	<2	0.02	<0.5	26	4	21	4.24	30	3.41	20	0.31
SR-ESK-2016-107	28-Aug-16	420265	6251776	1781	0.75	0.012		0.7	6.91	48	810	1.5	<2	0.03	<0.5	1	12	2	2.51	20	4.78	30	0.13
SR-ESK-2016-108	28-Aug-16	420249	6251833	1778	0.93	0.002		0.6	7.18	7	3050	1.7	<2	0.18	2.2	2	9	14	2.76	20	3.32	30	0.39
SR-ESK-2016-110	28-Aug-16	420234	6251746	1756	2.4	0.062		8.2	1.22	<5	30	<0.5	<2	0.02	<0.5	12	1	1930	42.4	<10	0.61	<10	0.06
SR-ESK-2016-111	28-Aug-16	420187	6251805	1745	1.03	0.005		<0.5	6.97	13	1900	1.9	<2	1.23	1.5	<1	9	17	2.93	20	4	30	0.5
SR-ESK-2016-114	28-Aug-16	420122	6251902	1722	1.17	<0.001		<0.5	7.05	7	1500	1.7	<2	0.4	<0.5	2	17	18	2.88	20	1.2	30	0.74
SR-ESK-2016-120	28-Aug-16	419798	6252006	1571	1.82	<0.001		<0.5	6.62	<5	2200	3.8	<2	0.08	<0.5	<1	8	5	0.87	30	4.01	20	0.35
CB-16-001	22-Aug-16	426234	6266853	1285	1.09	<0.001		<0.5	6.69	5	530	1	<2	0.07	<0.5	1	18	2	0.62	10	1.19	20	0.07
CB-16-002	22-Aug-16	426318	6266887	1323	1.07	0.006		<0.5	8.14	81	60	1.1	<2	0.04	<0.5	16	11	17	5.38	20	3.84	<10	0.47
CB-16-003	22-Aug-16	426551	6266752	1311	1.09	<0.001		<0.5	5.99	7	540	1.2	<2	0.03	<0.5	1	22	5	1.25	10	0.84	30	0.1
CB-16-004	23-Aug-16	415009	6253732	1739	2.07	0.026		0.5	0.44	5	70	<0.5	7	0.6	<0.5	88	8	394	30.4	<10	0.27	<10	0.17
CB-16-005	23-Aug-16	415051	6253721	1739	1.61	0.066		7	0.27	<5	40	<0.5	10	0.52	3.2	491	6	10000	30.1	<10	0.08	<10	0.14
CB-16-006	23-Aug-16	414928	6253978	1719	2.74	0.006		<0.5	6.68	<5	870	2.7	8	1.81	<0.5	59	25	188	4.01	20	4.23	<10	0.96
CB-16-007	23-Aug-16	414924	6254010	1714	1.92	0.002		<0.5	5.15	<5	200	1.2	<2	1.95	<0.5	26	28	648	7.57	10	3.1	10	1.33
CB-16-008	23-Aug-16	414932	6254070	1704	1.56	0.01		0.5	1.56	<5	50	<0.5	3	2.22	<0.5	58	30	1330	8.8	<10	0.92	<10	0.75
CB-16-009	23-Aug-16	414930	6254078	1700	0.75	0.024		1.3	3.65	<5	40	<0.5	6	2.74	<0.5	157	49	1810	17.35	<10	2.94	<10	0.88
CB-16-010	23-Aug-16	415061	6254256	1642	2.42	0.009		0.5	2.6	<5	90	1.4	9	2.26	<0.5	118	57	1510	21.9	10	1.81	<10	1.35
CB-16-011	23-Aug-16	415040	6254252	1642	1.76	0.035		1.9	0.63	<5	50	<0.5	33	0.21	<0.5	63	15	2900	22.7	10	0.32	<10	0.18
CB-16-012	24-Aug-16	414683	6254824	1902	1.82	0.117		0.7	7.04	43	70	<0.5	5	3.16	<0.5	21	15	135	10.45	10	4.77	<10	1.09
CB-16-013	24-Aug-16	414670	6254810	1901	1.39	0.124		6.2	6.35	8	430	0.5	8	3.26	2.1	28	10	6780	9.79	20	2.91	10	1.66
CB-16-014	24-Aug-16	414609	6254804	1915	1.84	0.025		5.5	2.5	<5	40	<0.5	6	1.84	<0.5	400	11	1270	24.1	10	1.35	10	0.55
CB-16-015	24-Aug-16	414561	6254720	1930	1.66	0.005		<0.5	1.19	10	270	<0.5	9	0.68	<0.5	3	21	40	2.06	<10	0.85	<10	0.22
CB-16-016	24-Aug-16	414536	6254328	1897	1.44	0.002		<0.5	0.11	<5	10	<0.5	7	1.46	<0.5	6	31	184	3.6	<10	0.03	<10	0.22
CB-16-017	24-Aug-16	414580	6254323	1871	1.28	0.007		1.8	1.35	<5	170	0.7	3	0.42	<0.5	15	26	3670	11.7	<10	0.76	<10	0.37
CB-16-018	25-Aug-16	414494	6256986	1959	1.49	0.011		<0.5	9.02	26	1380	0.8	<2	0.45	<0.5	8	7	68	5.8	20	3.44	<10	1.59
CB-16-019	25-Aug-16	414454	6256935	1949	1.21	0.177		7.8	0.42	22	2140	<0.5	3	0.05	23	7	24	304	1.11	<10	0.22	<10	0.03
CB-16-020	25-Aug-16	414345	6256916	1927	1.62	0.002		<0.5	0.51	39	1150	<0.5	2	0.08	<0.5	4	18	8	5.4	<10	0.5	20	0.07
CB-16-021	25-Aug-16	414379	6256955	1936	1.12	0.003		<0.5	1.09	17	1610	<0.5	4	0.23	<0.5	6	6	14	19.55	<10	0.66	<10	0.18
CB-16-022	25-Aug-16	414310	6256941	1908	1.97	0.009		<0.5	0.15	29	20	<0.5	5	0.28	<0.5	9	2	19	28.6	<10	0.04	<10	1.61
CB-16-023	25-Aug-16	414363	6256858	1920	1.23	0.007		<0.5	7.46	37	1200	<0.5	<2	3.3	<0.5	7	6	63	2.95	10	1.64	<10	0.6
CB-16-024	25-Aug-16	414426	6257005	1959	2.28	0.199		85.2	0.86	38	110	<0.5	4	0.14	6.1	5	32	2040	2.83	<10	0.43	<10	0.05
CB-16-025	25-Aug-16	414424	6257006	1954	1.66	0.014		2.3	7.61	33	1030	1.3	3	3.03	0.7	20	11	126	5.12	10	3.87	10	1.03
CB-16-026	25-Aug-16	414476	6257081	1966	2.12	4.01		7.8	1.07	>10000	130	<0.5	34	0.02	0.5	12	21	65	8.7	<10	0.59	10	0.05
CB-16-027	25-Aug-16	414492	6257112	1977	2.02	0.309		<0.5	0.22	111	30	<0.5	<2	0.06	<0.5	1	11	6	11.15	<10	0.12	<10	0.12

SAMPLE DESCRIPTION	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %	Pb %	Zn %
SR-ESK-2016-089	260	1	0.51	6	40	10	0.03	<5	1	49	<20	0.04	<10	<10	2	<10	149				
SR-ESK-2016-090	150	5	1.47	2	180	137	0.04	8	3	54	<20	0.08	<10	<10	9	<10	46				
SR-ESK-2016-092	263	1	3.14	2	40	2	0.01	8	1	93	<20	0.04	<10	<10	1	<10	37				
SR-ESK-2016-093	245	2	2.79	3	10	9	0.2	6	1	38	<20	0.04	<10	<10	<1	<10	70				
SR-ESK-2016-094	836	4	1.18	2	10	8	0.07	7	1	28	<20	0.02	<10	<10	<1	<10	153				
SR-ESK-2016-095	323	2	1.9	3	<10	18	0.2	<5	1	55	<20	0.04	<10	<10	<1	<10	82				
SR-ESK-2016-099	110	7	2.14	1	110	4	0.81	<5	5	82	<20	0.13	<10	<10	3	<10	68				
SR-ESK-2016-100	173	4	2.44	3	150	51	0.41	<5	3	72	<20	0.13	<10	<10	1	<10	255				
SR-ESK-2016-101	47	3	0.93	2	120	6	2.63	<5	3	69	<20	0.12	<10	<10	1	<10	6				
SR-ESK-2016-103	504	8	3.18	2	200	8	0.25	<5	4	83	<20	0.15	<10	<10	3	<10	70				
SR-ESK-2016-105	1015	6	0.08	4	120	7	0.84	<5	5	24	<20	0.13	<10	<10	4	<10	79				
SR-ESK-2016-106	220	4	0.08	1	120	16	3.5	<5	4	17	<20	0.15	<10	<10	4	10	70				
SR-ESK-2016-107	91	2	1.14	2	60	24	2.41	<5	4	70	<20	0.12	<10	<10	3	<10	11				
SR-ESK-2016-108	432	10	2.7	2	290	67	0.51	<5	4	113	<20	0.17	<10	<10	5	<10	245				
SR-ESK-2016-110	253	<1	0.02	98	30	39	>10.0	<5	1	5	<20	0.02	<10	<10	4	<10	54				
SR-ESK-2016-111	1260	2	1.67	3	300	7	1.04	<5	4	160	<20	0.17	<10	<10	5	<10	186				
SR-ESK-2016-114	449	5	4.14	2	310	5	0.51	<5	4	118	<20	0.17	<10	<10	5	<10	75				
SR-ESK-2016-120	145	1	1.99	2	<10	13	0.1	<5	2	48	<20	0.04	<10	<10	<1	<10	57				
CB-16-001	30	<1	3.59	<1	50	14	0.13	<5	5	183	<20	0.14	<10	<10	15	<10	9				
CB-16-002	101	2	0.12	1	580	13	5.83	<5	24	38	<20	0.62	<10	<10	209	<10	105				
CB-16-003	36	1	3.96	2	60	11	0.82	<5	7	185	<20	0.13	<10	<10	30	<10	3				
CB-16-004	101	6	0.06	40	110	<2	>10.0	<5	1	4	<20	0.01	<10	<10	13	10	13				
CB-16-005	352	42	0.03	82	40	4	>10.0	<5	1	5	<20	0.01	<10	10	8	1190	581		0.985		
CB-16-006	659	3920	0.72	5	1560	10	2.23	<5	15	39	<20	0.21	<10	<10	137	1330	38				
CB-16-007	651	124	0.41	9	1510	3	4.32	<5	27	46	<20	0.29	<10	<10	235	370	59				
CB-16-008	523	17	0.18	19	440	3	7.23	<5	8	41	<20	0.07	<10	<10	77	40	38				
CB-16-009	519	5940	0.32	53	140	3	>10.0	<5	9	94	<20	0.19	<10	<10	64	40	36				
CB-16-010	670	238	0.15	94	190	3	>10.0	<5	12	33	<20	0.21	<10	<10	102	4790	37				
CB-16-011	121	75	0.02	52	70	<2	>10.0	<5	1	10	<20	0.02	<10	<10	14	360	10				
CB-16-012	682	127	0.4	8	1950	13	>10.0	<5	22	186	<20	0.33	<10	<10	254	20	30				
CB-16-013	949	12	1.56	16	870	10	7.34	<5	11	367	<20	0.21	<10	<10	158	<10	309				
CB-16-014	631	7	0.28	59	370	9	>10.0	<5	7	94	<20	0.06	10	<10	78	210	28				
CB-16-015	351	51	0.09	3	270	<2	0.25	<5	3	72	<20	0.05	<10	<10	28	530	14				
CB-16-016	397	3	0.03	5	20	<2	0.73	<5	1	2	<20	0.01	<10	<10	15	80	10				
CB-16-017	169	21	0.14	22	220	<2	6.68	<5	5	8	<20	0.07	<10	<10	51	120	25				
CB-16-018	549	2	2.22	3	2370	37	2.23	11	24	173	<20	0.36	<10	<10	244	<10	59				
CB-16-019	434	2	0.02	3	240	1160	0.09	215	1	13	<20	0.01	<10	<10	10	<10	2670				
CB-16-020	12200	1	0.07	3	250	13	0.03	6	4	47	<20	0.01	<10	<10	8	<10	22				
CB-16-021	54300	6	0.02	<1	700	25	0.04	14	13	273	<20	0.03	<10	<10	48	<10	137				
CB-16-022	37900	<1	0.01	<1	20	2	0.95	<5	26	6	<20	<0.01	<10	<10	15	<10	63				
CB-16-023	868	1	3.98	4	2130	4	0.17	6	11	247	<20	0.25	<10	<10	115	<10	25				
CB-16-024	6130	<1	0.03	2	610	7	0.1	976	3	37	<20	0.05	<10	<10	21	<10	164				
CB-16-025	1255	1	0.7	8	2120	14	0.83	57	22	153	<20	0.32	<10	<10	240	10	102				
CB-16-026	469	<1	0.02	4	440	23	1.92	84	3	40	<20	0.03	<10	<10	39	<10	29				
CB-16-027	22900	1	0.01	2	70	<2	0.01	7	6	67	<20	<0.01	<10	<10	10	<10	53				

SAMPLE DESCRIPTION	Date	East NAD83	North NAD83	Elev	Recvd Wt kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
CB-16-028	25-Aug-16	414521	6257102	1985	1.22	0.007		<0.5	0.53	134	90	<0.5	<2	0.01	<0.5	4	21	23	5.15	<10	0.26	<10	0.06
CB-16-029	25-Aug-16	414426	6257231		1.17	1.18		1.8	5.14	>10000	460	1.3	5	0.01	<0.5	2	20	86	10.05	20	2.54	20	0.18
CB-16-030	25-Aug-16	414434	6257257	1954	1.76	>10.0	12.25	>100	0.04	3870	30	<0.5	250	0.02	3.8	56	2	>10000	45.9	<10	0.02	<10	0.04
CB-16-031	25-Aug-16	414429	6257328	1964	1.03	>10.0	11.25	7.6	0.55	>10000	60	<0.5	28	0.01	<0.5	33	23	520	6.7	<10	0.27	30	0.03
CB-16-032	25-Aug-16	414429	6257328	1962	1.37	0.203		3.1	8.89	273	800	2.3	8	0.04	<0.5	<1	19	97	10.5	20	4.58	10	0.44
CB-16-033	25-Aug-16	414437	6257380	1971	2.82	>10.0	11.6	16.6	0.33	>10000	60	<0.5	312	0.02	1	34	4	4210	23.1	<10	0.16	<10	0.09
CB-16-034	25-Aug-16	414454	6257390	1971	2.72	0.88		1	1.05	>10000	170	<0.5	3	0.02	<0.5	4	27	49	3.78	<10	0.54	<10	0.05
CB-16-035	28-Aug-16	415746	6253545	1602	1.85	0.057		2.6	6.34	65	100	1.6	293	2.88	<0.5	90	23	1770	13.3	20	3.76	10	1.44
CB-16-036	28-Aug-16	415612	6253540	1602	2.26	0.038		0.5	7.06	44	460	1.2	5	1.23	<0.5	30	27	344	5.7	20	4.34	10	1.23
CB-16-037	28-Aug-16	415474	6253627	1603	1.57	0.007		<0.5	5.82	13	590	0.7	5	9.33	<0.5	7	67	92	4.26	10	0.89	10	2.03
CB-16-038	28-Aug-16	415190	6254112	1582	1.25	0.003		<0.5	8.64	11	1810	1.2	2	1.68	<0.5	11	10	126	5.65	20	5.06	10	2.88
CB-16-039	28-Aug-16	415132	6254308	1612	1.31	0.046		1.5	2	29	160	<0.5	11	1.23	<0.5	149	12	144	29	10	1.63	<10	0.97
CB-16-040	28-Aug-16	415062	6254380	1615	0.85	0.005		<0.5	1.74	6	160	0.6	<2	0.73	<0.5	11	14	338	6.57	<10	0.97	<10	0.18
CB-16-041	28-Aug-16	415068	6254391	1609	1.62	0.009		1.2	2.21	<5	110	0.9	<2	0.53	<0.5	96	20	2500	24.2	10	1.39	<10	0.36
CB-16-042	28-Aug-16	415130	6254471	1564	1.66	0.013		<0.5	6.98	10	300	1	3	6.03	<0.5	34	88	181	9.39	20	2.04	10	3.34
CB-16-043	30-Aug-16	414093	6257624	1828	2.01	0.013		<0.5	6.43	51	330	1.3	2	5.94	0.7	27	30	134	7.97	20	3.51	10	1.97
CB-16-044	30-Aug-16	414105	6257540		2.27	0.25		91.7	4.32	67	790	0.8	<2	1.35	74.2	6	19	2500	2.12	10	2.15	10	0.26
CB-16-045	30-Aug-16	414221	6257525	1897	1.62	0.612		4.1	4	138	610	0.9	26	0.43	1	6	12	1170	6.98	10	1.88	10	0.16
CB-16-046	30-Aug-16	414360	6257220	1899	1.27	0.005		0.6	1.57	23	210	<0.5	<2	2.74	1.5	3	20	68	1.14	<10	0.59	<10	0.05
CB-16-047	30-Aug-16	414248	6257235	1856	0.89	0.973		7.2	6.54	>10000	1200	1	79	0.13	<0.5	16	11	472	7.68	20	2.91	10	0.98
CB-16-048	30-Aug-16	414383	6257640	1918	1.74	>10.0	14.25	38.3	0.24	>10000	60	<0.5	172	0.03	2.5	21	8	4910	23.1	<10	0.13	10	0.01
CB-16-049	30-Aug-16	414249	6257616	1902	1.59	0.168		3.3	4.92	77	110	0.6	<2	4.51	2.9	148	65	2920	19.2	20	0.17	10	4.07
CB-16-050	30-Aug-16	414292	6257812	1848	1.55	0.08		0.5	3.84	292	550	<0.5	3	4.08	<0.5	7	14	130	3.69	10	1.05	<10	0.78
CB-16-051	30-Aug-16	414311	6257833	1835	2.38	7.46		18.7	2.31	>10000	280	0.7	47	0.1	0.7	13	28	99	11.25	10	1.4	50	0.14
CB-16-052	30-Aug-16	414152	6257782	1825	2.41	7.35		13.9	0.48	>10000	60	<0.5	49	0.01	0.8	102	5	17	16.9	<10	0.24	10	0.02
CB-16-053	31-Aug-16	413597	6251758	893	0.97	0.117		80.7	3.94	356	1490	1	11	3.06	1.8	10	10	21400	2.57	10	1.6	20	0.58
CG-ESK-16-R-145		428034	6265713	1315	0.78	0.012		1.4	6.5	161	1540	0.8	<2	0.35	1	4	8	16	3.35	10	1.98	10	0.34
CG-ESK-16-R-146		428041	6265706	1309	0.8	0.023		3.9	1.78	66	570	<0.5	<2	0.06	0.5	1	26	11	1.44	<10	0.62	<10	0.07
CG-ESK-16-R-169		427759	6265706	1144	1.22	0.111		66.7	1.6	<5	270	<0.5	<2	5.21	1.6	1	22	>10000	0.77	<10	0.36	<10	0.07
CG-ESK-16-R-189		427394	6266095	997	0.8	0.005		<0.5	6.82	388	1540	1	3	10.6	0.8	6	5	24	2.99	10	1.79	20	0.66
CG-ESK-16-R-324		418957	6257364	2678	0.97	0.001		<0.5	5.99	9	2820	1.4	<2	0.27	<0.5	1	30	15	1.54	20	3.81	20	0.12
CG-ESK-16-R-327		419088	6257148	2659	0.96	<0.001		<0.5	8.03	14	1030	0.9	<2	3.9	<0.5	11	50	68	3.16	10	2.22	10	0.89
CG-ESK-16-R-328		419079	6257130	2647	1.17	0.002		0.5	8.45	15	620	1.5	2	2.11	1.4	35	8	353	7.02	20	1.25	10	2.04
CG-ESK-16-R-332		419270	6257026	1755	3.21	0.001		40.7	1.25	3270	100	0.5	<2	6.78	245	3	15	1200	4.29	<10	0.56	<10	1.09
CG-ESK-16-R-336		419233	6256865	1763	1.67	0.002		2.2	7.05	22	3320	1.4	<2	0.98	1.5	3	11	99	1.8	20	3.78	30	0.55
CG-ESK-16-R-344B		418981	6256738	1621	0.75	0.047		11.3	4.28	111	280	0.9	<2	2.44	11.1	8	52	158	4.57	10	2.78	10	1.28
CG-ESK-16-R-354		419463	6253501	2772	1.42	<0.001		<0.5	5.82	32	810	0.5	<2	4.07	<0.5	4	25	16	2.22	10	0.98	10	0.71
CG-ESK-16-R-358		419530	6253420	2786	1.72	<0.001		<0.5	7.8	7	1230	2.9	<2	0.98	<0.5	11	44	47	4.81	10	1.94	10	1.32
CG-ESK-16-R-359		419561	6253377	2791	1.93	<0.001		<0.5	5.76	10	3750	1.1	<2	0.63	0.5	1	11	10	1.05	20	4.2	10	0.08
CG-ESK-16-R-364		419671	6253466	2858	2.49	0.007		1.2	6.21	12	1300	1	3	0.04	<0.5	1	8	51	2.81	30	2.52	30	0.25
CG-ESK-16-R-366		419732	6253440	2870	2.9	<0.001		<0.5	6.61	5	3540	0.8	2	0.02	<0.5	1	5	19	0.52	20	4.42	40	0.03
CG-ESK-R-451		420918	6258794	1475	0.99	0.105		0.9	8.07	2300	1280	1	<2	1.63	0.6	19	6	39	4.97	20	1.63	10	0.72
CG-ESK-R-457B		414122	6257680	1807	0.87	0.07		0.8	5.51	82	180	0.7	5	3.36	1.3	101	61	946	14.75	20	0.14	10	3.98
CG-ESK-R-460		414134	6257697	1814	3.26	0.239		2	4.23	51	20	<0.5	<2	3.79	3.5	225	56	2810	21.9	10	0.07	<10	4.75
CG-ESK-R-468		414145	6257711	1823	1.77	0.188		2.3	3.42	25	680	<0.5	<2	3.4	2	306	42	3210	30.4	10	0.22	<10	1.83

SAMPLE DESCRIPTION	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %	Pb %	Zn %
CB-16-028	9670	<1	0.01	2	110	2	0.01	<5	1	18	<20	0.01	<10	<10	9	<10	37				
CB-16-029	1055	<1	0.04	2	680	8	0.4	16	15	5	<20	0.09	<10	<10	129	20	113				
CB-16-030	9760	<1	<0.01	17	50	71	>10.0	32	1	5	<20	<0.01	<10	<10	5	340	412	150	3.65		
CB-16-031	1290	<1	0.01	9	70	68	3.37	24	2	6	<20	0.01	<10	<10	15	<10	19				
CB-16-032	1305	1	0.06	1	2330	24	0.25	16	30	11	<20	0.24	<10	<10	279	20	145				
CB-16-033	9860	<1	0.01	1	80	37	2.34	24	2	6	<20	0.01	<10	<10	11	40	112				
CB-16-034	791	<1	0.02	2	230	8	1.09	17	3	10	<20	0.04	<10	<10	33	<10	11				
CB-16-035	2450	2	0.13	14	1920	10	6.97	<5	30	47	<20	0.34	<10	<10	326	80	47				
CB-16-036	1135	3	0.27	10	1300	4	3.29	<5	23	63	<20	0.34	<10	<10	249	10	40				
CB-16-037	1940	<1	0.7	4	1350	2	0.24	<5	24	316	<20	0.29	<10	<10	199	<10	66				
CB-16-038	772	23	1.98	3	1090	5	1.53	<5	16	184	<20	0.36	<10	<10	180	<10	72				
CB-16-039	362	2	0.39	10	260	7	>10.0	<5	8	75	<20	0.13	<10	<10	55	<10	14				
CB-16-040	201	2080	0.26	3	220	3	4.5	<5	1	37	<20	0.02	<10	40	17	30	9				
CB-16-041	161	221	0.41	43	370	<2	>10.0	<5	7	43	<20	0.09	<10	10	52	40	18				
CB-16-042	1640	6	1.62	18	2010	8	5.21	<5	34	571	<20	0.33	10	<10	264	<10	94				
CB-16-043	2960	3	0.65	13	3050	5	3.89	12	38	475	<20	0.35	<10	<10	331	10	56				
CB-16-044	613	<1	0.05	5	230	8520	0.73	1960	5	74	<20	0.12	<10	<10	64	10	4770				
CB-16-045	6700	2	0.26	4	760	29	0.25	9	5	64	<20	0.09	<10	<10	38	10	86		0.968		
CB-16-046	588	<1	0.36	2	790	43	0.05	68	3	126	<20	0.06	<10	<10	26	10	101				
CB-16-047	972	1	0.03	5	660	70	0.97	18	9	39	<20	0.21	<10	<10	114	20	114				
CB-16-048	3050	<1	0.01	<1	70	78	2.02	32	3	45	<20	0.01	<10	<10	10	8810	127				
CB-16-049	1775	2	0.43	1345	1010	12	4.88	5	28	230	<20	1.1	<10	<10	313	20	209				
CB-16-050	1165	<1	1.42	6	950	4	0.21	<5	8	160	<20	0.11	<10	<10	73	40	50				
CB-16-051	266	<1	0.03	10	1160	90	3.59	39	10	399	<20	0.12	<10	<10	102	40	32				
CB-16-052	37	5	0.01	8	30	307	8.08	153	<1	1	<20	0.01	<10	<10	9	<10	33				
CB-16-053	365	48	0.5	2	570	136	0.48	<5	2	174	<20	0.14	<10	20	50	10	60		2.14		
CG-ESK-16-R-145	531	225	1.32	2	490	36	0.84	<5	7	117	<20	0.25	<10	10	154	<10	48				
CG-ESK-16-R-146	145	221	0.11	<1	170	55	0.18	<5	2	21	<20	0.06	<10	<10	21	<10	18				
CG-ESK-16-R-169	969	1	0.71	<1	170	2	0.31	<5	1	153	<20	0.05	<10	<10	13	<10	9		0.968		
CG-ESK-16-R-189	1905	9	0.78	<1	490	25	0.53	<5	9	327	<20	0.26	<10	<10	76	<10	79				
CG-ESK-16-R-324	154	5	2.52	1	80	5	0.62	<5	3	112	<20	0.15	<10	<10	6	<10	57				
CG-ESK-16-R-327	655	3	4.99	17	940	6	0.17	<5	8	764	<20	0.29	<10	<10	117	<10	49				
CG-ESK-16-R-328	1210	9	4.07	1	1960	2	0.99	<5	40	362	<20	1.25	<10	<10	398	<10	249				
CG-ESK-16-R-332	5600	2	0.02	4	290	>10000	1.2	3720	4	349	<20	0.07	<10	<10	36	<10	>10000			1.73	1.88
CG-ESK-16-R-336	368	4	2.98	2	70	102	0.46	20	3	143	<20	0.1	<10	10	15	<10	164				
CG-ESK-16-R-344B	687	4	0.68	18	900	303	3.2	38	9	306	<20	0.28	<10	<10	71	<10	3080				
CG-ESK-16-R-354	2010	2	2.96	2	910	12	0.6	<5	6	942	<20	0.21	<10	<10	85	<10	45				
CG-ESK-16-R-358	784	<1	1.87	11	600	12	0.92	<5	16	182	<20	0.3	<10	<10	144	<10	89				
CG-ESK-16-R-359	309	2	1.12	<1	10	24	0.49	<5	1	103	<20	0.04	<10	<10	2	<10	112				
CG-ESK-16-R-364	653	3	2.98	1	40	20	1.46	<5	2	66	<20	0.04	<10	<10	2	<10	106				
CG-ESK-16-R-366	29	2	2.85	2	60	6	0.13	<5	1	80	<20	0.04	<10	<10	<1	<10	14				
CG-ESK-R-451	758	27	3.09	3	1010	55	2	8	10	252	<20	0.34	<10	<10	111	<10	90				
CG-ESK-R-457B	1755	2	0.51	392	1290	9	1.9	5	32	289	<20	1.26	<10	<10	327	<10	175				
CG-ESK-R-460	1640	1	0.08	1625	650	16	6.99	12	24	46	<20	0.95	<10	<10	305	<10	218				
CG-ESK-R-468	1350	1	0.11	2600	570	24	>10.0	9	26	334	<20	1.16	<10	<10	422	<10	186				

SAMPLE DESCRIPTION	Date	East NAD83	North NAD83	Elev	Recvd Wt kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
CG-ESK-R-485		414085	6257423	1771	1.07	0.454		<0.5	8.94	50	310	0.6	3	1.07	21.3	28	22	222	7.01	20	3.63	10	0.95
CG-ESK-R-490		413975	6257372	1690	2	0.03		<0.5	8.03	88	1090	1.3	3	0.87	1	13	8	70	9.12	20	3.99	10	0.82
CG-ESK-R-505		413585	6257605	1549	2.49	0.618		4.5	5.14	89	100	<0.5	6	1.13	1.3	67	12	791	17.1	10	4.62	<10	0.46
CG-ESK-R-550		427204	6266895	1598	1.17	0.009		0.7	4.92	36	740	0.7	<2	12.25	<0.5	5	2	12	2.63	10	2.55	10	0.38
CG-ESK-R-551		427198	6266906	1600	1.68	0.041		5.9	8.4	90	150	1.1	<2	0.41	<0.5	14	3	19	5.05	20	3.89	10	0.41
CG-ESK-R-552		427200	6266909	1604	1.4	0.295		5.6	6.31	31	1040	0.5	<2	0.31	<0.5	7	9	20	2.64	10	2.53	10	0.18

SAMPLE DESCRIPTION	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %	Pb %	Zn %
CG-ESK-R-485	555	<1	2.31	32	1820	10	4.15	<5	21	197	<20	0.34	<10	<10	238	<10	2050				
CG-ESK-R-490	11850	1	0.28	23	1030	6	0.83	<5	13	55	<20	0.27	<10	<10	140	10	142				
CG-ESK-R-505	1465	<1	0.1	13	1190	20	>10.0	8	11	189	<20	0.2	<10	<10	99	<10	197				
CG-ESK-R-550	2550	1	0.03	4	720	11	2.32	<5	5	1075	<20	0.2	<10	<10	60	<10	38				
CG-ESK-R-551	182	4	1.54	2	1030	24	4.83	7	9	85	<20	0.37	<10	<10	111	<10	85				
CG-ESK-R-552	173	5	1.85	2	860	56	1.41	10	6	150	<20	0.25	<10	<10	69	<10	50				

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To: **ESKAY MINING CORPORATION**
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 22-SEP-2016
This copy reported on 23-SEP-2016
Account: ESMICO

CERTIFICATE TR16150598

This report is for 120 Rock samples submitted to our lab in Terrace, BC, Canada on 6-SEP-2016.

The following have access to data associated with this certificate:

MAC BALKAM	CHARLES GREIG	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **ESKAY MINING CORPORATION**
ATTN: CHARLES GREIG
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

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: ESKAY MINING CORPORATION
36 TORONTO STREET
SUITE 1000
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Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP22 Au ppm 0.001	Au-GRA22 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
SR-ESK-2016-001		2.06	0.001		<0.5	9.14	14	280	1.8	<2	0.02	<0.5	10	7	23	5.62
SR-ESK-2016-002		1.47	0.001		<0.5	8.76	14	1490	1.2	<2	0.28	<0.5	4	28	12	3.59
SR-ESK-2016-003		1.38	0.001		<0.5	9.05	15	1700	1.2	<2	1.19	<0.5	14	10	52	5.50
SR-ESK-2016-004		2.17	0.002		<0.5	9.06	40	1030	1.2	<2	1.26	<0.5	24	12	55	7.08
SR-ESK-2016-006		1.26	0.003		<0.5	8.74	60	200	0.9	<2	0.80	<0.5	14	8	42	5.63
SR-ESK-2016-009		1.10	0.002		<0.5	3.15	35	710	<0.5	<2	0.02	<0.5	2	6	8	1.24
SR-ESK-2016-012		4.35	0.037		<0.5	1.27	<5	50	<0.5	3	0.29	<0.5	5	4	423	35.1
SR-ESK-2016-014		1.80	0.012		<0.5	8.91	9	1050	0.8	<2	2.76	<0.5	11	12	9	5.18
SR-ESK-2016-015		1.97	0.009		<0.5	7.77	7	3080	1.0	46	3.86	<0.5	15	9	170	5.91
SR-ESK-2016-017		1.52	0.009		0.7	3.98	<5	80	0.5	6	5.23	0.6	103	14	1710	18.65
SR-ESK-2016-018		1.81	0.011		1.6	0.12	<5	10	<0.5	5	0.07	<0.5	152	9	3780	23.2
SR-ESK-2016-019		1.99	0.007		<0.5	5.63	<5	290	0.7	5	8.80	0.5	44	25	1040	12.00
SR-ESK-2016-022		1.64	0.004		<0.5	7.14	<5	340	1.8	<2	3.60	<0.5	55	39	841	10.55
SR-ESK-2016-025		1.85	0.005		<0.5	7.76	<5	1330	1.1	<2	4.59	<0.5	18	44	406	6.00
SR-ESK-2016-031		1.89	0.008		<0.5	6.53	<5	170	1.2	2	4.73	<0.5	49	32	1110	5.87
SR-ESK-2016-033		1.04	0.056		5.8	1.21	7	30	<0.5	<2	0.77	<0.5	1135	8	3940	24.5
SR-ESK-2016-034		1.10	0.015		<0.5	0.20	<5	40	<0.5	11	0.21	<0.5	28	48	122	5.36
SR-ESK-2016-035		1.28	0.014		<0.5	7.90	<5	1000	1.4	3	2.48	<0.5	15	9	423	6.16
SR-ESK-2016-037		2.47	0.018		0.5	0.02	<5	<10	<0.5	<2	0.48	0.5	183	19	317	17.95
SR-ESK-2016-041		1.10	0.048		0.7	8.73	<5	1160	1.4	<2	3.04	<0.5	22	7	1010	5.57
SR-ESK-2016-045		1.92	0.009		<0.5	7.55	5	1320	0.9	4	5.46	<0.5	23	35	164	6.14
SR-ESK-2016-046		1.95	0.002		<0.5	7.36	<5	1020	2.8	<2	5.00	<0.5	26	25	411	6.77
SR-ESK-2016-047		0.75	0.012		<0.5	1.00	<5	200	0.5	<2	0.23	<0.5	6	27	360	1.11
SR-ESK-2016-049		1.73	0.005		<0.5	6.50	<5	90	3.3	<2	4.39	<0.5	50	16	1140	10.60
SR-ESK-2016-051		0.70	0.005		0.5	4.51	<5	210	2.9	<2	5.51	<0.5	190	11	1260	17.30
SR-ESK-2016-056		1.14	0.030		<0.5	9.42	22	1530	0.8	<2	0.38	<0.5	9	5	6	4.01
SR-ESK-2016-059		1.50	0.010		<0.5	8.53	6	2840	0.9	2	3.76	<0.5	9	8	85	4.50
SR-ESK-2016-060		2.21	0.017		<0.5	8.08	13	1310	0.9	<2	6.65	0.5	16	16	95	7.72
SR-ESK-2016-061		2.19	0.368		1.5	1.83	<5	580	<0.5	209	0.74	<0.5	4	33	235	11.25
SR-ESK-2016-062		1.85	0.116		<0.5	8.52	<5	2230	1.6	8	3.37	<0.5	9	7	194	5.15
SR-ESK-2016-066		1.42	0.024		1.3	7.74	20	1200	1.1	3	4.15	0.9	20	29	206	6.08
SR-ESK-2016-067		1.58	<0.001		<0.5	0.50	<5	120	<0.5	2	1.99	0.6	2	28	12	1.53
SR-ESK-2016-068		1.25	0.045		1.8	0.15	<5	40	<0.5	<2	0.10	<0.5	13	4	78	32.0
SR-ESK-2016-069		1.65	0.007		<0.5	4.08	20	420	1.1	<2	0.35	0.8	30	7	154	19.00
SR-ESK-2016-071		2.59	0.001		<0.5	0.21	53	10	<0.5	<2	0.01	<0.5	6	<1	46	>50
SR-ESK-2016-073		1.55	0.143		2.1	6.09	67	370	1.1	7	0.19	3.3	14	87	310	13.15
SR-ESK-2016-074		1.77	0.003		0.7	8.67	20	1750	0.7	<2	3.13	<0.5	22	6	157	6.83
SR-ESK-2016-076		1.77	0.023		2.0	7.34	69	1870	0.6	<2	1.86	1.1	15	31	376	4.11
SR-ESK-2016-077		1.56	0.007		<0.5	3.01	107	310	1.1	4	0.27	<0.5	7	21	7	8.41
SR-ESK-2016-078		1.07	0.006		1.6	8.70	25	980	1.3	<2	2.62	0.9	19	21	70	5.37

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

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SUITE 1000
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Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
SR-ESK-2016-001		20	3.03	10	1.17	384	2	0.64	3	70	14	4.53	5	21	124	<20
SR-ESK-2016-002		20	2.66	10	0.73	131	2	2.19	4	1070	12	0.64	<5	13	354	<20
SR-ESK-2016-003		20	1.08	20	1.72	1290	<1	4.43	5	1650	7	0.18	<5	20	623	<20
SR-ESK-2016-004		20	0.74	20	1.88	1105	1	4.48	9	1650	11	2.62	<5	27	542	<20
SR-ESK-2016-006		20	0.16	10	1.66	729	7	5.56	6	960	9	2.22	<5	20	322	<20
SR-ESK-2016-009		10	1.17	10	0.05	25	8	0.15	2	110	6	1.15	26	5	85	<20
SR-ESK-2016-012		<10	0.80	<10	0.19	75	26	0.20	49	290	3	>10.0	<5	4	6	<20
SR-ESK-2016-014		20	4.47	10	1.37	522	4	1.17	5	1420	55	3.27	<5	14	221	<20
SR-ESK-2016-015		10	3.87	10	2.04	1050	1	1.68	5	2290	7	1.21	<5	26	219	<20
SR-ESK-2016-017		10	2.41	10	1.46	981	69	0.44	16	1140	3	>10.0	<5	22	102	<20
SR-ESK-2016-018		<10	0.02	<10	0.03	59	22	0.01	31	10	<2	>10.0	<5	<1	1	<20
SR-ESK-2016-019		20	2.10	10	2.69	2240	4	1.08	8	1530	<2	6.36	<5	32	210	<20
SR-ESK-2016-022		20	4.89	10	2.62	1110	25	0.41	17	1730	5	4.50	<5	38	134	<20
SR-ESK-2016-025		20	3.94	10	1.71	800	42	1.13	10	1600	4	2.31	<5	26	202	<20
SR-ESK-2016-031		10	2.46	10	1.75	861	386	2.06	7	1480	<2	3.58	<5	28	321	<20
SR-ESK-2016-033		<10	1.22	<10	0.32	376	49	0.05	7	200	<2	>10.0	<5	3	25	<20
SR-ESK-2016-034		<10	0.13	<10	0.06	146	8	0.02	3	30	<2	5.26	<5	<1	1	<20
SR-ESK-2016-035		20	4.82	10	2.31	893	7	1.55	6	1050	2	3.24	<5	14	191	<20
SR-ESK-2016-037		<10	0.01	<10	0.23	387	<1	0.01	17	<10	<2	>10.0	<5	<1	<1	<20
SR-ESK-2016-041		20	5.07	10	1.14	445	35	1.12	11	1190	8	3.08	<5	11	105	<20
SR-ESK-2016-045		10	3.85	10	1.97	1490	3	0.99	10	1790	5	1.86	<5	29	145	<20
SR-ESK-2016-046		10	3.32	10	2.33	1260	13	2.45	12	1740	<2	2.71	<5	27	361	<20
SR-ESK-2016-047		<10	0.46	<10	0.04	59	7570	0.24	4	80	<2	0.95	<5	2	10	<20
SR-ESK-2016-049		20	4.76	10	1.44	1165	82	0.78	14	1860	2	6.85	<5	29	181	<20
SR-ESK-2016-051		10	2.70	10	1.24	1040	78	0.84	17	1100	<2	>10.0	<5	19	149	<20
SR-ESK-2016-056		20	4.48	10	0.59	200	3	0.89	3	970	19	2.86	<5	12	101	<20
SR-ESK-2016-059		20	4.21	10	1.50	1205	4	1.93	2	1320	8	0.59	<5	11	288	<20
SR-ESK-2016-060		20	2.89	10	2.47	1705	1	1.42	4	2280	12	0.61	<5	38	202	<20
SR-ESK-2016-061		10	0.91	<10	0.52	369	2	0.22	1	650	11	0.13	<5	8	47	<20
SR-ESK-2016-062		20	4.84	10	1.06	5320	<1	0.19	3	1270	5	1.34	<5	11	57	<20
SR-ESK-2016-066		20	4.13	10	1.45	1065	3	0.88	16	2000	4	2.62	130	27	235	<20
SR-ESK-2016-067		<10	0.25	<10	0.20	632	<1	0.03	3	420	2	0.02	19	4	41	<20
SR-ESK-2016-068		<10	0.09	<10	0.19	60100	<1	0.01	1	210	8	0.06	9	27	97	<20
SR-ESK-2016-069		10	2.09	10	0.54	41000	<1	0.04	9	1560	13	0.49	18	16	84	<20
SR-ESK-2016-071		<10	0.01	<10	0.05	20800	<1	<0.01	<1	210	5	0.17	<5	48	4	<20
SR-ESK-2016-073		20	2.87	10	1.27	12750	9	0.04	11	1520	31	0.25	<5	37	21	<20
SR-ESK-2016-074		20	1.69	10	2.70	2000	1	3.22	6	2560	20	1.82	5	28	767	<20
SR-ESK-2016-076		10	2.78	10	1.31	966	1	2.16	10	1720	922	0.14	331	21	178	<20
SR-ESK-2016-077		<10	1.53	10	0.19	12550	<1	0.04	5	1410	11	0.04	5	10	52	<20
SR-ESK-2016-078		20	3.30	10	0.67	1325	1	2.80	12	1920	37	2.35	58	22	209	<20

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Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.01	10	10	1	10	2	1	0.001	0.001	0.001
SR-ESK-2016-001		0.50	<10	<10	53	<10	79				
SR-ESK-2016-002		0.38	<10	<10	89	<10	36				
SR-ESK-2016-003		0.51	<10	<10	215	<10	76				
SR-ESK-2016-004		0.64	<10	<10	299	<10	76				
SR-ESK-2016-006		0.52	<10	<10	241	<10	53				
SR-ESK-2016-009		0.28	<10	<10	44	<10	27				
SR-ESK-2016-012		0.04	<10	<10	34	10	10				
SR-ESK-2016-014		0.28	<10	<10	213	10	63				
SR-ESK-2016-015		0.35	<10	<10	351	<10	109				
SR-ESK-2016-017		0.23	<10	10	219	190	43				
SR-ESK-2016-018		<0.01	<10	<10	3	700	9				
SR-ESK-2016-019		0.30	<10	<10	278	50	84				
SR-ESK-2016-022		0.42	<10	<10	389	50	110				
SR-ESK-2016-025		0.48	10	<10	229	500	65				
SR-ESK-2016-031		0.43	<10	<10	200	20	49				
SR-ESK-2016-033		0.15	<10	<10	92	1490	25				
SR-ESK-2016-034		0.01	<10	<10	4	50	3				
SR-ESK-2016-035		0.31	<10	<10	155	<10	57				
SR-ESK-2016-037		<0.01	<10	<10	1	80	4				
SR-ESK-2016-041		0.24	<10	<10	135	10	37				
SR-ESK-2016-045		0.40	<10	<10	260	10	100				
SR-ESK-2016-046		0.46	<10	<10	260	30	68				
SR-ESK-2016-047		0.03	<10	<10	12	10	2				
SR-ESK-2016-049		0.41	<10	<10	250	10	51				
SR-ESK-2016-051		0.23	10	<10	143	10	50				
SR-ESK-2016-056		0.15	<10	<10	148	10	11				
SR-ESK-2016-059		0.39	<10	<10	158	<10	54				
SR-ESK-2016-060		0.51	10	<10	403	10	145				
SR-ESK-2016-061		0.15	<10	<10	99	30	24				
SR-ESK-2016-062		0.30	<10	<10	152	20	40				
SR-ESK-2016-066		0.27	<10	<10	277	10	88				
SR-ESK-2016-067		0.01	<10	<10	14	<10	48				
SR-ESK-2016-068		<0.01	<10	10	20	<10	108				
SR-ESK-2016-069		0.16	<10	<10	116	10	243				
SR-ESK-2016-071		<0.01	<10	<10	35	<10	175				
SR-ESK-2016-073		0.39	<10	<10	303	40	532				
SR-ESK-2016-074		0.42	<10	<10	290	<10	81				
SR-ESK-2016-076		0.19	<10	<10	208	<10	151				
SR-ESK-2016-077		0.06	<10	<10	83	10	33				
SR-ESK-2016-078		0.22	<10	<10	256	10	106				

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Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description	Method	WEI-21	Au-ICP22	Au-GRA22	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.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
SR-ESK-2016-080		1.33	2.01		53.6	0.22	3010	20	<0.5	15	0.03	0.7	<1	16	1180	23.8
SR-ESK-2016-081		1.26	0.009		<0.5	5.13	53	1360	0.5	<2	1.37	<0.5	1	20	13	0.49
SR-ESK-2016-084		2.22	0.054		<0.5	4.50	64	690	1.0	<2	0.16	<0.5	5	30	72	4.96
SR-ESK-2016-085		2.98	0.030		0.8	8.91	47	1360	0.8	<2	0.86	<0.5	8	19	26	6.66
SR-ESK-2016-087		5.54	0.009		<0.5	8.81	24	480	0.5	<2	2.26	<0.5	19	27	43	5.73
SR-ESK-2016-089		0.89	<0.001		<0.5	5.12	<5	2650	1.1	<2	0.03	1.1	1	20	31	1.07
SR-ESK-2016-090		1.50	0.002		15.3	5.89	<5	3680	1.5	14	0.08	0.5	3	10	8500	2.05
SR-ESK-2016-092		1.15	0.001		<0.5	5.70	<5	1780	1.1	<2	1.10	<0.5	<1	29	17	0.99
SR-ESK-2016-093		0.96	<0.001		<0.5	5.82	16	2010	1.6	<2	0.04	<0.5	1	10	26	1.22
SR-ESK-2016-094		0.99	0.001		<0.5	3.60	5	1230	1.4	<2	0.11	0.7	<1	13	5	1.61
SR-ESK-2016-095		2.09	<0.001		<0.5	5.10	5	2690	1.2	<2	0.23	0.7	1	16	20	1.05
SR-ESK-2016-099		1.73	<0.001		<0.5	6.24	6	2140	1.8	<2	0.06	<0.5	2	7	9	2.03
SR-ESK-2016-100		1.12	<0.001		<0.5	6.54	<5	2810	0.9	<2	0.07	1.7	1	16	7	1.35
SR-ESK-2016-101		1.84	0.004		<0.5	5.75	31	280	<0.5	<2	0.04	<0.5	3	22	20	3.23
SR-ESK-2016-103		1.45	0.001		0.5	6.84	9	1620	2.0	3	0.08	<0.5	1	8	8	3.39
SR-ESK-2016-105		0.94	0.043		1.2	5.91	5	670	1.9	<2	0.30	<0.5	2	5	68	4.32
SR-ESK-2016-106		0.59	0.024		2.7	6.67	1835	290	2.5	<2	0.02	<0.5	26	4	21	4.24
SR-ESK-2016-107		0.75	0.012		0.7	6.91	48	810	1.5	<2	0.03	<0.5	1	12	2	2.51
SR-ESK-2016-108		0.93	0.002		0.6	7.18	7	3050	1.7	<2	0.18	2.2	2	9	14	2.76
SR-ESK-2016-110		2.40	0.062		8.2	1.22	<5	30	<0.5	<2	0.02	<0.5	12	1	1930	42.4
SR-ESK-2016-111		1.03	0.005		<0.5	6.97	13	1900	1.9	<2	1.23	1.5	<1	9	17	2.93
SR-ESK-2016-114		1.17	<0.001		<0.5	7.05	7	1500	1.7	<2	0.40	<0.5	2	17	18	2.88
SR-ESK-2016-120		1.82	<0.001		<0.5	6.62	<5	2200	3.8	<2	0.08	<0.5	<1	8	5	0.87
CB-16-001		1.09	<0.001		<0.5	6.69	5	530	1.0	<2	0.07	<0.5	1	18	2	0.62
CB-16-002		1.07	0.006		<0.5	8.14	81	60	1.1	<2	0.04	<0.5	16	11	17	5.38
CB-16-003		1.09	<0.001		<0.5	5.99	7	540	1.2	<2	0.03	<0.5	1	22	5	1.25
CB-16-004		2.07	0.026		0.5	0.44	5	70	<0.5	7	0.60	<0.5	88	8	394	30.4
CB-16-005		1.61	0.066		7.0	0.27	<5	40	<0.5	10	0.52	3.2	491	6	10000	30.1
CB-16-006		2.74	0.006		<0.5	6.68	<5	870	2.7	8	1.81	<0.5	59	25	188	4.01
CB-16-007		1.92	0.002		<0.5	5.15	<5	200	1.2	<2	1.95	<0.5	26	28	648	7.57
CB-16-008		1.56	0.010		0.5	1.56	<5	50	<0.5	3	2.22	<0.5	58	30	1330	8.80
CB-16-009		0.75	0.024		1.3	3.65	<5	40	<0.5	6	2.74	<0.5	157	49	1810	17.35
CB-16-010		2.42	0.009		0.5	2.60	<5	90	1.4	9	2.26	<0.5	118	57	1510	21.9
CB-16-011		1.76	0.035		1.9	0.63	<5	50	<0.5	33	0.21	<0.5	63	15	2900	22.7
CB-16-012		1.82	0.117		0.7	7.04	43	70	<0.5	5	3.16	<0.5	21	15	135	10.45
CB-16-013		1.39	0.124		6.2	6.35	8	430	0.5	8	3.26	2.1	28	10	6780	9.79
CB-16-014		1.84	0.025		5.5	2.50	<5	40	<0.5	6	1.84	<0.5	400	11	1270	24.1
CB-16-015		1.66	0.005		<0.5	1.19	10	270	<0.5	9	0.68	<0.5	3	21	40	2.06
CB-16-016		1.44	0.002		<0.5	0.11	<5	10	<0.5	7	1.46	<0.5	6	31	184	3.60
CB-16-017		1.28	0.007		1.8	1.35	<5	170	0.7	3	0.42	<0.5	15	26	3670	11.70

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CERTIFICATE OF ANALYSIS TR16150598

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
SR-ESK-2016-080		<10	0.09	<10	0.01	2660	<1	0.02	<1	120	8	0.13	16	3	8	<20
SR-ESK-2016-081		10	2.77	10	0.02	422	1	3.11	<1	30	7	0.06	<5	<1	162	<20
SR-ESK-2016-084		10	2.21	10	0.22	2400	<1	0.05	2	530	4	0.38	<5	6	16	<20
SR-ESK-2016-085		20	3.52	10	0.98	503	1	1.88	9	1550	94	2.01	<5	27	229	<20
SR-ESK-2016-087		20	4.22	10	1.20	1660	1	1.85	15	1840	96	3.21	<5	24	394	<20
SR-ESK-2016-089		20	4.50	50	0.16	260	1	0.51	6	40	10	0.03	<5	1	49	<20
SR-ESK-2016-090		10	4.37	20	0.31	150	5	1.47	2	180	137	0.04	8	3	54	<20
SR-ESK-2016-092		20	2.00	30	0.31	263	1	3.14	2	40	2	0.01	8	1	93	<20
SR-ESK-2016-093		20	2.55	20	0.15	245	2	2.79	3	10	9	0.20	6	1	38	<20
SR-ESK-2016-094		10	1.57	20	0.12	836	4	1.18	2	10	8	0.07	7	1	28	<20
SR-ESK-2016-095		20	2.78	30	0.11	323	2	1.90	3	<10	18	0.20	<5	1	55	<20
SR-ESK-2016-099		20	3.41	10	0.18	110	7	2.14	1	110	4	0.81	<5	5	82	<20
SR-ESK-2016-100		20	4.17	20	0.12	173	4	2.44	3	150	51	0.41	<5	3	72	<20
SR-ESK-2016-101		10	4.77	10	0.02	47	3	0.93	2	120	6	2.63	<5	3	69	<20
SR-ESK-2016-103		20	2.56	20	0.36	504	8	3.18	2	200	8	0.25	<5	4	83	<20
SR-ESK-2016-105		10	2.66	30	0.53	1015	6	0.08	4	120	7	0.84	<5	5	24	<20
SR-ESK-2016-106		30	3.41	20	0.31	220	4	0.08	1	120	16	3.50	<5	4	17	<20
SR-ESK-2016-107		20	4.78	30	0.13	91	2	1.14	2	60	24	2.41	<5	4	70	<20
SR-ESK-2016-108		20	3.32	30	0.39	432	10	2.70	2	290	67	0.51	<5	4	113	<20
SR-ESK-2016-110		<10	0.61	<10	0.06	253	<1	0.02	98	30	39	>10.0	<5	1	5	<20
SR-ESK-2016-111		20	4.00	30	0.50	1260	2	1.67	3	300	7	1.04	<5	4	160	<20
SR-ESK-2016-114		20	1.20	30	0.74	449	5	4.14	2	310	5	0.51	<5	4	118	<20
SR-ESK-2016-120		30	4.01	20	0.35	145	1	1.99	2	<10	13	0.10	<5	2	48	<20
CB-16-001		10	1.19	20	0.07	30	<1	3.59	<1	50	14	0.13	<5	5	183	<20
CB-16-002		20	3.84	<10	0.47	101	2	0.12	1	580	13	5.83	<5	24	38	<20
CB-16-003		10	0.84	30	0.10	36	1	3.96	2	60	11	0.82	<5	7	185	<20
CB-16-004		<10	0.27	<10	0.17	101	6	0.06	40	110	<2	>10.0	<5	1	4	<20
CB-16-005		<10	0.08	<10	0.14	352	42	0.03	82	40	4	>10.0	<5	1	5	<20
CB-16-006		20	4.23	<10	0.96	659	3920	0.72	5	1560	10	2.23	<5	15	39	<20
CB-16-007		10	3.10	10	1.33	651	124	0.41	9	1510	3	4.32	<5	27	46	<20
CB-16-008		<10	0.92	<10	0.75	523	17	0.18	19	440	3	7.23	<5	8	41	<20
CB-16-009		<10	2.94	<10	0.88	519	5940	0.32	53	140	3	>10.0	<5	9	94	<20
CB-16-010		10	1.81	<10	1.35	670	238	0.15	94	190	3	>10.0	<5	12	33	<20
CB-16-011		10	0.32	<10	0.18	121	75	0.02	52	70	<2	>10.0	<5	1	10	<20
CB-16-012		10	4.77	<10	1.09	682	127	0.40	8	1950	13	>10.0	<5	22	186	<20
CB-16-013		20	2.91	10	1.66	949	12	1.56	16	870	10	7.34	<5	11	367	<20
CB-16-014		10	1.35	10	0.55	631	7	0.28	59	370	9	>10.0	<5	7	94	<20
CB-16-015		<10	0.85	<10	0.22	351	51	0.09	3	270	<2	0.25	<5	3	72	<20
CB-16-016		<10	0.03	<10	0.22	397	3	0.03	5	20	<2	0.73	<5	1	2	<20
CB-16-017		<10	0.76	<10	0.37	169	21	0.14	22	220	<2	6.68	<5	5	8	<20

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

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To: ESKAY MINING CORPORATION
36 TORONTO STREET
SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description / Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
SR-ESK-2016-080	<0.01	<10	<10	8	<10	143				
SR-ESK-2016-081	0.04	<10	<10	2	<10	13				
SR-ESK-2016-084	0.11	<10	<10	71	10	40				
SR-ESK-2016-085	0.24	<10	<10	247	<10	160				
SR-ESK-2016-087	0.36	<10	<10	237	<10	73				
SR-ESK-2016-089	0.04	<10	<10	2	<10	149				
SR-ESK-2016-090	0.08	<10	<10	9	<10	46				
SR-ESK-2016-092	0.04	<10	<10	1	<10	37				
SR-ESK-2016-093	0.04	<10	<10	<1	<10	70				
SR-ESK-2016-094	0.02	<10	<10	<1	<10	153				
SR-ESK-2016-095	0.04	<10	<10	<1	<10	82				
SR-ESK-2016-099	0.13	<10	<10	3	<10	68				
SR-ESK-2016-100	0.13	<10	<10	1	<10	255				
SR-ESK-2016-101	0.12	<10	<10	1	<10	6				
SR-ESK-2016-103	0.15	<10	<10	3	<10	70				
SR-ESK-2016-105	0.13	<10	<10	4	<10	79				
SR-ESK-2016-106	0.15	<10	<10	4	10	70				
SR-ESK-2016-107	0.12	<10	<10	3	<10	11				
SR-ESK-2016-108	0.17	<10	<10	5	<10	245				
SR-ESK-2016-110	0.02	<10	<10	4	<10	54				
SR-ESK-2016-111	0.17	<10	<10	5	<10	186				
SR-ESK-2016-114	0.17	<10	<10	5	<10	75				
SR-ESK-2016-120	0.04	<10	<10	<1	<10	57				
CB-16-001	0.14	<10	<10	15	<10	9				
CB-16-002	0.62	<10	<10	209	<10	105				
CB-16-003	0.13	<10	<10	30	<10	3				
CB-16-004	0.01	<10	<10	13	10	13				
CB-16-005	0.01	<10	10	8	1190	581		0.985		
CB-16-006	0.21	<10	<10	137	1330	38				
CB-16-007	0.29	<10	<10	235	370	59				
CB-16-008	0.07	<10	<10	77	40	38				
CB-16-009	0.19	<10	<10	64	40	36				
CB-16-010	0.21	<10	<10	102	4790	37				
CB-16-011	0.02	<10	<10	14	360	10				
CB-16-012	0.33	<10	<10	254	20	30				
CB-16-013	0.21	<10	<10	158	<10	309				
CB-16-014	0.06	10	<10	78	210	28				
CB-16-015	0.05	<10	<10	28	530	14				
CB-16-016	0.01	<10	<10	15	80	10				
CB-16-017	0.07	<10	<10	51	120	25				

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36 TORONTO STREET
SUITE 1000
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Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description	WEI-21	Au-ICP22	Au-GRA22	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Method Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR	0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
CB-16-018	1.49	0.011		<0.5	9.02	26	1380	0.8	<2	0.45	<0.5	8	7	68	5.80
CB-16-019	1.21	0.177		7.8	0.42	22	2140	<0.5	3	0.05	23.0	7	24	304	1.11
CB-16-020	1.62	0.002		<0.5	0.51	39	1150	<0.5	2	0.08	<0.5	4	18	8	5.40
CB-16-021	1.12	0.003		<0.5	1.09	17	1610	<0.5	4	0.23	<0.5	6	6	14	19.55
CB-16-022	1.97	0.009		<0.5	0.15	29	20	<0.5	5	0.28	<0.5	9	2	19	28.6
CB-16-023	1.23	0.007		<0.5	7.46	37	1200	<0.5	<2	3.30	<0.5	7	6	63	2.95
CB-16-024	2.28	0.199		85.2	0.86	38	110	<0.5	4	0.14	6.1	5	32	2040	2.83
CB-16-025	1.66	0.014		2.3	7.61	33	1030	1.3	3	3.03	0.7	20	11	126	5.12
CB-16-026	2.12	4.01		7.8	1.07	>10000	130	<0.5	34	0.02	0.5	12	21	65	8.70
CB-16-027	2.02	0.309		<0.5	0.22	111	30	<0.5	<2	0.06	<0.5	1	11	6	11.15
CB-16-028	1.22	0.007		<0.5	0.53	134	90	<0.5	<2	0.01	<0.5	4	21	23	5.15
CB-16-029	1.17	1.180		1.8	5.14	>10000	460	1.3	5	0.01	<0.5	2	20	86	10.05
CB-16-030	1.76	>10.0	12.25	>100	0.04	3870	30	<0.5	250	0.02	3.8	56	2	>10000	45.9
CB-16-031	1.03	>10.0	11.25	7.6	0.55	>10000	60	<0.5	28	0.01	<0.5	33	23	520	6.70
CB-16-032	1.37	0.203		3.1	8.89	273	800	2.3	8	0.04	<0.5	<1	19	97	10.50
CB-16-033	2.82	>10.0	11.60	16.6	0.33	>10000	60	<0.5	312	0.02	1.0	34	4	4210	23.1
CB-16-034	2.72	0.880		1.0	1.05	>10000	170	<0.5	3	0.02	<0.5	4	27	49	3.78
CB-16-035	1.85	0.057		2.6	6.34	65	100	1.6	293	2.88	<0.5	90	23	1770	13.30
CB-16-036	2.26	0.038		0.5	7.06	44	460	1.2	5	1.23	<0.5	30	27	344	5.70
CB-16-037	1.57	0.007		<0.5	5.82	13	590	0.7	5	9.33	<0.5	7	67	92	4.26
CB-16-038	1.25	0.003		<0.5	8.64	11	1810	1.2	2	1.68	<0.5	11	10	126	5.65
CB-16-039	1.31	0.046		1.5	2.00	29	160	<0.5	11	1.23	<0.5	149	12	144	29.0
CB-16-040	0.85	0.005		<0.5	1.74	6	160	0.6	<2	0.73	<0.5	11	14	338	6.57
CB-16-041	1.62	0.009		1.2	2.21	<5	110	0.9	<2	0.53	<0.5	96	20	2500	24.2
CB-16-042	1.66	0.013		<0.5	6.98	10	300	1.0	3	6.03	<0.5	34	88	181	9.39
CG-ESK-16-R-145	0.78	0.012		1.4	6.50	161	1540	0.8	<2	0.35	1.0	4	8	16	3.35
CG-ESK-16-R-146	0.80	0.023		3.9	1.78	66	570	<0.5	<2	0.06	0.5	1	26	11	1.44
CG-ESK-16-R-169	1.22	0.111		66.7	1.60	<5	270	<0.5	<2	5.21	1.6	1	22	>10000	0.77
CG-ESK-16-R-189	0.80	0.005		<0.5	6.82	388	1540	1.0	3	10.60	0.8	6	5	24	2.99
CG-ESK-16-R-324	0.97	0.001		<0.5	5.99	9	2820	1.4	<2	0.27	<0.5	1	30	15	1.54
CG-ESK-16-R-327	0.96	<0.001		<0.5	8.03	14	1030	0.9	<2	3.90	<0.5	11	50	68	3.16
CG-ESK-16-R-328	1.17	0.002		0.5	8.45	15	620	1.5	2	2.11	1.4	35	8	353	7.02
CG-ESK-16-R-332	3.21	0.001		40.7	1.25	3270	100	0.5	<2	6.78	245	3	15	1200	4.29
CG-ESK-16-R-336	1.67	0.002		2.2	7.05	22	3320	1.4	<2	0.98	1.5	3	11	99	1.80
CG-ESK-16-R-344B	0.75	0.047		11.3	4.28	111	280	0.9	<2	2.44	11.1	8	52	158	4.57
CG-ESK-16-R-354	1.42	<0.001		<0.5	5.82	32	810	0.5	<2	4.07	<0.5	4	25	16	2.22
CG-ESK-16-R-358	1.72	<0.001		<0.5	7.80	7	1230	2.9	<2	0.98	<0.5	11	44	47	4.81
CG-ESK-16-R-359	1.93	<0.001		<0.5	5.76	10	3750	1.1	<2	0.63	0.5	1	11	10	1.05
CG-ESK-16-R-364	2.49	0.007		1.2	6.21	12	1300	1.0	3	0.04	<0.5	1	8	51	2.81
CG-ESK-16-R-366	2.90	<0.001		<0.5	6.61	5	3540	0.8	2	0.02	<0.5	1	5	19	0.52

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Finalized Date: 22-SEP-2016
Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

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	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
CB-16-018		20	3.44	<10	1.59	549	2	2.22	3	2370	37	2.23	11	24	173	<20
CB-16-019		<10	0.22	<10	0.03	434	2	0.02	3	240	1160	0.09	215	1	13	<20
CB-16-020		<10	0.50	20	0.07	12200	1	0.07	3	250	13	0.03	6	4	47	<20
CB-16-021		<10	0.66	<10	0.18	54300	6	0.02	<1	700	25	0.04	14	13	273	<20
CB-16-022		<10	0.04	<10	1.61	37900	<1	0.01	<1	20	2	0.95	<5	26	6	<20
CB-16-023		10	1.64	<10	0.60	868	1	3.98	4	2130	4	0.17	6	11	247	<20
CB-16-024		<10	0.43	<10	0.05	6130	<1	0.03	2	610	7	0.10	976	3	37	<20
CB-16-025		10	3.87	10	1.03	1255	1	0.70	8	2120	14	0.83	57	22	153	<20
CB-16-026		<10	0.59	10	0.05	469	<1	0.02	4	440	23	1.92	84	3	40	<20
CB-16-027		<10	0.12	<10	0.12	22900	1	0.01	2	70	<2	0.01	7	6	67	<20
CB-16-028		<10	0.26	<10	0.06	9670	<1	0.01	2	110	2	0.01	<5	1	18	<20
CB-16-029		20	2.54	20	0.18	1055	<1	0.04	2	680	8	0.40	16	15	5	<20
CB-16-030		<10	0.02	<10	0.04	9760	<1	<0.01	17	50	71	>10.0	32	1	5	<20
CB-16-031		<10	0.27	30	0.03	1290	<1	0.01	9	70	68	3.37	24	2	6	<20
CB-16-032		20	4.58	10	0.44	1305	1	0.06	1	2330	24	0.25	16	30	11	<20
CB-16-033		<10	0.16	<10	0.09	9860	<1	0.01	1	80	37	2.34	24	2	6	<20
CB-16-034		<10	0.54	<10	0.05	791	<1	0.02	2	230	8	1.09	17	3	10	<20
CB-16-035		20	3.76	10	1.44	2450	2	0.13	14	1920	10	6.97	<5	30	47	<20
CB-16-036		20	4.34	10	1.23	1135	3	0.27	10	1300	4	3.29	<5	23	63	<20
CB-16-037		10	0.89	10	2.03	1940	<1	0.70	4	1350	2	0.24	<5	24	316	<20
CB-16-038		20	5.06	10	2.88	772	23	1.98	3	1090	5	1.53	<5	16	184	<20
CB-16-039		10	1.63	<10	0.97	362	2	0.39	10	260	7	>10.0	<5	8	75	<20
CB-16-040		<10	0.97	<10	0.18	201	2080	0.26	3	220	3	4.50	<5	1	37	<20
CB-16-041		10	1.39	<10	0.36	161	221	0.41	43	370	<2	>10.0	<5	7	43	<20
CB-16-042		20	2.04	10	3.34	1640	6	1.62	18	2010	8	5.21	<5	34	571	<20
CG-ESK-16-R-145		10	1.98	10	0.34	531	225	1.32	2	490	36	0.84	<5	7	117	<20
CG-ESK-16-R-146		<10	0.62	<10	0.07	145	221	0.11	<1	170	55	0.18	<5	2	21	<20
CG-ESK-16-R-169		<10	0.36	<10	0.07	969	1	0.71	<1	170	2	0.31	<5	1	153	<20
CG-ESK-16-R-189		10	1.79	20	0.66	1905	9	0.78	<1	490	25	0.53	<5	9	327	<20
CG-ESK-16-R-324		20	3.81	20	0.12	154	5	2.52	1	80	5	0.62	<5	3	112	<20
CG-ESK-16-R-327		10	2.22	10	0.89	655	3	4.99	17	940	6	0.17	<5	8	764	<20
CG-ESK-16-R-328		20	1.25	10	2.04	1210	9	4.07	1	1960	2	0.99	<5	40	362	<20
CG-ESK-16-R-332		<10	0.56	<10	1.09	5600	2	0.02	4	290	>10000	1.20	3720	4	349	<20
CG-ESK-16-R-336		20	3.78	30	0.55	368	4	2.98	2	70	102	0.46	20	3	143	<20
CG-ESK-16-R-344B		10	2.78	10	1.28	687	4	0.68	18	900	303	3.20	38	9	306	<20
CG-ESK-16-R-354		10	0.98	10	0.71	2010	2	2.96	2	910	12	0.60	<5	6	942	<20
CG-ESK-16-R-358		10	1.94	10	1.32	784	<1	1.87	11	600	12	0.92	<5	16	182	<20
CG-ESK-16-R-359		20	4.20	10	0.08	309	2	1.12	<1	10	24	0.49	<5	1	103	<20
CG-ESK-16-R-364		30	2.52	30	0.25	653	3	2.98	1	40	20	1.46	<5	2	66	<20
CG-ESK-16-R-366		20	4.42	40	0.03	29	2	2.85	2	60	6	0.13	<5	1	80	<20

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Account: ESMICO

CERTIFICATE OF ANALYSIS TR16150598

Sample Description	Method Analyte Units LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
CB-16-018		0.36	<10	<10	244	<10	59				
CB-16-019		0.01	<10	<10	10	<10	2670				
CB-16-020		0.01	<10	<10	8	<10	22				
CB-16-021		0.03	<10	<10	48	<10	137				
CB-16-022		<0.01	<10	<10	15	<10	63				
CB-16-023		0.25	<10	<10	115	<10	25				
CB-16-024		0.05	<10	<10	21	<10	164				
CB-16-025		0.32	<10	<10	240	10	102				
CB-16-026		0.03	<10	<10	39	<10	29				
CB-16-027		<0.01	<10	<10	10	<10	53				
CB-16-028		0.01	<10	<10	9	<10	37				
CB-16-029		0.09	<10	<10	129	20	113				
CB-16-030		<0.01	<10	<10	5	340	412	150	3.65		
CB-16-031		0.01	<10	<10	15	<10	19				
CB-16-032		0.24	<10	<10	279	20	145				
CB-16-033		0.01	<10	<10	11	40	112				
CB-16-034		0.04	<10	<10	33	<10	11				
CB-16-035		0.34	<10	<10	326	80	47				
CB-16-036		0.34	<10	<10	249	10	40				
CB-16-037		0.29	<10	<10	199	<10	66				
CB-16-038		0.36	<10	<10	180	<10	72				
CB-16-039		0.13	<10	<10	55	<10	14				
CB-16-040		0.02	<10	40	17	30	9				
CB-16-041		0.09	<10	10	52	40	18				
CB-16-042		0.33	10	<10	264	<10	94				
CG-ESK-16-R-145		0.25	<10	10	154	<10	48				
CG-ESK-16-R-146		0.06	<10	<10	21	<10	18				
CG-ESK-16-R-169		0.05	<10	<10	13	<10	9		0.968		
CG-ESK-16-R-189		0.26	<10	<10	76	<10	79				
CG-ESK-16-R-324		0.15	<10	<10	6	<10	57				
CG-ESK-16-R-327		0.29	<10	<10	117	<10	49				
CG-ESK-16-R-328		1.25	<10	<10	398	<10	249				
CG-ESK-16-R-332		0.07	<10	<10	36	<10	>10000			1.730	1.880
CG-ESK-16-R-336		0.10	<10	10	15	<10	164				
CG-ESK-16-R-344B		0.28	<10	<10	71	<10	3080				
CG-ESK-16-R-354		0.21	<10	<10	85	<10	45				
CG-ESK-16-R-358		0.30	<10	<10	144	<10	89				
CG-ESK-16-R-359		0.04	<10	<10	2	<10	112				
CG-ESK-16-R-364		0.04	<10	<10	2	<10	106				
CG-ESK-16-R-366		0.04	<10	<10	<1	<10	14				

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

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SUITE 1000
TORONTO ON M5C 2C5

Finalized Date: 19-SEP-2016
Account: ESMICO

CERTIFICATE TR16150649

Project: Corey

This report is for 21 Rock samples submitted to our lab in Terrace, BC, Canada on 7-SEP-2016.

The following have access to data associated with this certificate:

CHARLES GREIG	KEVIN KEOUGH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o 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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **ESKAY MINING CORPORATION**
ATTN: CHARLES GREIG
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19-SEP-2016
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Project: Corey

CERTIFICATE OF ANALYSIS TR16150649

Sample Description	Method	WEI-21	Au-ICP22	Au-GRA22	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.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
CB-16-043		2.01	0.013		<0.5	6.43	51	330	1.3	2	5.94	0.7	27	30	134	7.97
CB-16-044		2.27	0.250		91.7	4.32	67	790	0.8	<2	1.35	74.2	6	19	2500	2.12
CB-16-045		1.62	0.612		4.1	4.00	138	610	0.9	26	0.43	1.0	6	12	1170	6.98
CB-16-046		1.27	0.005		0.6	1.57	23	210	<0.5	<2	2.74	1.5	3	20	68	1.14
CB-16-047		0.89	0.973		7.2	6.54	>10000	1200	1.0	79	0.13	<0.5	16	11	472	7.68
CB-16-048		1.74	>10.0	14.25	38.3	0.24	>10000	60	<0.5	172	0.03	2.5	21	8	4910	23.1
CB-16-049		1.59	0.168		3.3	4.92	77	110	0.6	<2	4.51	2.9	148	65	2920	19.20
CB-16-050		1.55	0.080		0.5	3.84	292	550	<0.5	3	4.08	<0.5	7	14	130	3.69
CB-16-051		2.38	7.46		18.7	2.31	>10000	280	0.7	47	0.10	0.7	13	28	99	11.25
CB-16-052		2.41	7.35		13.9	0.48	>10000	60	<0.5	49	0.01	0.8	102	5	17	16.90
CB-16-053		0.97	0.117		80.7	3.94	356	1490	1.0	11	3.06	1.8	10	10	>10000	2.57
CG-ESK-R-451		0.99	0.105		0.9	8.07	2300	1280	1.0	<2	1.63	0.6	19	6	39	4.97
CG-ESK-R-457B		0.87	0.070		0.8	5.51	82	180	0.7	5	3.36	1.3	101	61	946	14.75
CG-ESK-R-460		3.26	0.239		2.0	4.23	51	20	<0.5	<2	3.79	3.5	225	56	2810	21.9
CG-ESK-R-468		1.77	0.188		2.3	3.42	25	680	<0.5	<2	3.40	2.0	306	42	3210	30.4
CG-ESK-R-485		1.07	0.454		<0.5	8.94	50	310	0.6	3	1.07	21.3	28	22	222	7.01
CG-ESK-R-490		2.00	0.030		<0.5	8.03	88	1090	1.3	3	0.87	1.0	13	8	70	9.12
CG-ESK-R-505		2.49	0.618		4.5	5.14	89	100	<0.5	6	1.13	1.3	67	12	791	17.10
CG-ESK-R-550		1.17	0.009		0.7	4.92	36	740	0.7	<2	12.25	<0.5	5	2	12	2.63
CG-ESK-R-551		1.68	0.041		5.9	8.40	90	150	1.1	<2	0.41	<0.5	14	3	19	5.05
CG-ESK-R-552		1.40	0.295		5.6	6.31	31	1040	0.5	<2	0.31	<0.5	7	9	20	2.64

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Finalized Date: 19-SEP-2016
Account: ESMICO

Project: Corey

CERTIFICATE OF ANALYSIS TR16150649

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	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
CB-16-043		20	3.51	10	1.97	2960	3	0.65	13	3050	5	3.89	12	38	475	<20
CB-16-044		10	2.15	10	0.26	613	<1	0.05	5	230	8520	0.73	1960	5	74	<20
CB-16-045		10	1.88	10	0.16	6700	2	0.26	4	760	29	0.25	9	5	64	<20
CB-16-046		<10	0.59	<10	0.05	588	<1	0.36	2	790	43	0.05	68	3	126	<20
CB-16-047		20	2.91	10	0.98	972	1	0.03	5	660	70	0.97	18	9	39	<20
CB-16-048		<10	0.13	10	0.01	3050	<1	0.01	<1	70	78	2.02	32	3	45	<20
CB-16-049		20	0.17	10	4.07	1775	2	0.43	1345	1010	12	4.88	5	28	230	<20
CB-16-050		10	1.05	<10	0.78	1165	<1	1.42	6	950	4	0.21	<5	8	160	<20
CB-16-051		10	1.40	50	0.14	266	<1	0.03	10	1160	90	3.59	39	10	399	<20
CB-16-052		<10	0.24	10	0.02	37	5	0.01	8	30	307	8.08	153	<1	1	<20
CB-16-053		10	1.60	20	0.58	365	48	0.50	2	570	136	0.48	<5	2	174	<20
CG-ESK-R-451		20	1.63	10	0.72	758	27	3.09	3	1010	55	2.00	8	10	252	<20
CG-ESK-R-457B		20	0.14	10	3.98	1755	2	0.51	392	1290	9	1.90	5	32	289	<20
CG-ESK-R-460		10	0.07	<10	4.75	1640	1	0.08	1625	650	16	6.99	12	24	46	<20
CG-ESK-R-468		10	0.22	<10	1.83	1350	1	0.11	2600	570	24	>10.0	9	26	334	<20
CG-ESK-R-485		20	3.63	10	0.95	555	<1	2.31	32	1820	10	4.15	<5	21	197	<20
CG-ESK-R-490		20	3.99	10	0.82	11850	1	0.28	23	1030	6	0.83	<5	13	55	<20
CG-ESK-R-505		10	4.62	<10	0.46	1465	<1	0.10	13	1190	20	>10.0	8	11	189	<20
CG-ESK-R-550		10	2.55	10	0.38	2550	1	0.03	4	720	11	2.32	<5	5	1075	<20
CG-ESK-R-551		20	3.89	10	0.41	182	4	1.54	2	1030	24	4.83	7	9	85	<20
CG-ESK-R-552		10	2.53	10	0.18	173	5	1.85	2	860	56	1.41	10	6	150	<20

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Project: Corey

CERTIFICATE OF ANALYSIS TR16150649

Sample Description	Method Analyte Units LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001
CB-16-043		0.35	<10	<10	331	10	56	
CB-16-044		0.12	<10	<10	64	10	4770	
CB-16-045		0.09	<10	<10	38	10	86	
CB-16-046		0.06	<10	<10	26	10	101	
CB-16-047		0.21	<10	<10	114	20	114	
CB-16-048		0.01	<10	<10	10	8810	127	
CB-16-049		1.10	<10	<10	313	20	209	
CB-16-050		0.11	<10	<10	73	40	50	
CB-16-051		0.12	<10	<10	102	40	32	
CB-16-052		0.01	<10	<10	9	<10	33	
CB-16-053		0.14	<10	20	50	10	60	2.14
CG-ESK-R-451		0.34	<10	<10	111	<10	90	
CG-ESK-R-457B		1.26	<10	<10	327	<10	175	
CG-ESK-R-460		0.95	<10	<10	305	<10	218	
CG-ESK-R-468		1.16	<10	<10	422	<10	186	
CG-ESK-R-485		0.34	<10	<10	238	<10	2050	
CG-ESK-R-490		0.27	<10	<10	140	10	142	
CG-ESK-R-505		0.20	<10	<10	99	<10	197	
CG-ESK-R-550		0.20	<10	<10	60	<10	38	
CG-ESK-R-551		0.37	<10	<10	111	<10	85	
CG-ESK-R-552		0.25	<10	<10	69	<10	50	

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

Appendix III

Rock Sample

Descriptions

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
SR-ESK-2016-011	23-Aug-16	415016	6253679	1743	TM SW		TUFF			Foliated and banded volcanics or sediments(?) with bt rich fine grained layers are felsic even layers semi-gneissic(?). 1% py diss in elongate blebs.	FOL	58	78
SR-ESK-2016-012	23-Aug-16	415004	6253730	1739	TM SW	SR-ESK-2016-012	TUFF			Vein with massive sulfide 95% 5 cm wide @ 108/78 to S with abundant lim and feox appears to cross cut major foliation in rock @ 170/78 to W. Likely only sub top. Measurements are iffy	VEIN	198	78
SR-ESK-2016-013	23-Aug-16	414999	6253767	1733	TM SW		TUFF			Strong shear textures in tuff or sediments. 1-2% sheared and diss sulfides including py and grey metallic aspy(?). Shear @ 322/88 to NE	SHR	52	88
SR-ESK-2016-014	23-Aug-16	414932	6253790	1722	TM SW	SR-ESK-2016-014	SST			Abundant feox on weathered surface of outcrop. Abundant discontinuous lenses of sulfide and fine disseminations in sheared siltstone? Or fine grained tuff. Layered (from shearing?) outcrop is 10m long. Sulfide Minzn appears to follow layering. Silicification and ser altn is plentiful.	SHR	61	84
SR-ESK-2016-015	23-Aug-16	414945	6253860	1720	TM SW	SR-ESK-2016-015	MetaSeds			Banded sheared sees. Typical example of majority of rock exposed at top of ridge. 1-2% sulfide.	SHR	72	78
SR-ESK-2016-016	23-Aug-16	415068	6253673	1725	TM SW		MetaSeds			Metaseds /gneiss displays coarse epi and red gt(?) in leucosomes. 1% py + is still visible in rocks as fine diss and lenses preferentially in melanosomes			
SR-ESK-2016-017	23-Aug-16	414855	6253988	1739	TM SW	SR-ESK-2016-017							
SR-ESK-2016-018	23-Aug-16	414849	6253983	1744	TM SW	SR-ESK-2016-018	MetaSeds			Vuggy Qz vein 10cm wide (likely contained cal no weathered out). Abundant MnOx on surface. Talus block. Sulfides content 5-10%. Appears to contain cpy(tarnished py?). Sample taken			
SR-ESK-2016-019	23-Aug-16	414821	6254015	1758	TM SW	SR-ESK-2016-019	MetaSeds			Talus from cliff 20m above with 5-7% diss sulfide dominated by py but possibly some cpy and some po (very magnetic- cannot readily observe mt though). Original lithology likely gneissic seds			
SR-ESK-2016-020	23-Aug-16	414801	6254029	1775	TM SW		MetaSeds			Foliated/layered metaseds. Mm to cm scale bedding/foliation/banding (if gneissic) @ 335 /89 to NE. Abundant feox and MnOx but only <1% py content as fine diss.	FOL	65	89
SR-ESK-2016-021	23-Aug-16	414799	6254014	1778	TM SW		MetaSeds			Abundant MnOx and feox across 20m outcrop with same foliation as rest of ridge. 1cm wide py vein with abundant diss sulfide in wallrock @ 136/58 to SW	VEIN	226	58
SR-ESK-2016-022	23-Aug-16	414791	6254021	1786	TM SW	SR-ESK-2016-022	MetaSeds			Qz+py>>cpy irregular vein in strongly ser+Qz+bt(?) altd Rock. Rock has dark brown appearance with very fine grained bt. Unclear if this is altn or part of original metased lithology. Abundant MnOx and feox staining on outcrop. Sample containing ~8% sulfide total. Fine grained diss and coarse blebs in irregular veinlets. Vein roughly follows foliation/bedding here @ 136/89 to SW	VEIN	226	89
SR-ESK-2016-023	23-Aug-16	414755	6254009	1798	TM SW		MetaSeds			Small gully near top of ridge with abundant rounded boulders of bt hb ksp megacrystic graniteor qzmnz. Boulders have very fresh appearance and only display minor chl veining. Likely pushed by glacier from elsewhere as outcrops still appear to be gossamous metaseds but abundance of clasts at this location is peculiar.			
SR-ESK-2016-024	23-Aug-16	414703	6254022	1831	TM SW		GRA +			Near top of ridge no outcrop is visible and 90% of talus boulders are ksp megacrystic bt<hb granite.			
SR-ESK-2016-025	23-Aug-16	414918	6254046	1706	TM SW	SR-ESK-2016-025	MetaSeds			Qz py+/-cpy veins in meta seds. Appear to follow foliation @ 322/82 to NE. Vein is primarily py with subsidiary Qz and trace cpy + po(?) sample is slightly magnetic. Talus sample collected for assay	FOL	52	82
SR-ESK-2016-026	23-Aug-16	414927	6254060	1702	TM SW								
SR-ESK-2016-027	23-Aug-16	414955	6254040	1684	TM SW		MetaSeds			2m Boulder cut by cm scale stock work Qz+sulfide+mt veins. Boulder not in situ no measurement taken. Smaller cobble sized talus with same mineralogy was collected for assay			
SR-ESK-2016-028	23-Aug-16	415020	6254103	1649	TM SW		MetaSeds			Foliation or very fine laminations/ shear in fine seds with abundant fine grained bt and minor diss py. Lenses of Qz cal sulfide follow foliation @ 152/87 to SW	FOL	242	87
SR-ESK-2016-029	23-Aug-16	415013	6254092	1654	TM SW		Fine grained hb+mt dio dyke			10-15m wide fine grained acicular hb + granular fine grained mt bearing dioritic dyke. Aphanitic plag rich white-grey groundmass. Up to 30% hb. Ct @ 330/78 toNE. Following foliation. Dyke has no foliation and only trace Minzn (likely scavenged from highly mins realized host rocks. Dyke can be seen across cirque in opposite wall with fairly planar morphology. 2 su parallel dykes can be seen across valley and both continue to this side of valley.	dyke CT		
SR-ESK-2016-030	23-Aug-16	415027	6254081	1647	TM SW		MetaSeds			M scale Qz+sulfide vein zone. Some vuggy cavities with prismatic wind abundant coarse euhedral py. Mt associated with outer edges of py growths. Up to 8% py locally vein zone follows foliation striking ~330 dipping very steep	VEIN	60	85
SR-ESK-2016-031	23-Aug-16	415088	6254097	1630	TM SW	SR-ESK-2016-031	MetaSeds			Still in metaseds/laminated sheared package. Still abundant Qz sulfide veins and sulfide burns but less density than above. Minzn intensity is waning moving down cirque wall. Sample of angular talus with >10% py and minor cpy (? Or tarnished py) samples			
SR-ESK-2016-032	23-Aug-16	415121	6254112	1622	TM SW		MetaSeds			50-70cm wide Qz vein with vuggy cavities and coarse euhedral py. Tr mo. Appears to have been samples previously. Oriented @ ~ 321/85 to NE	VEIN	51	85
SR-ESK-2016-033	23-Aug-16	415150	6254140	1605	TM SW	SR-ESK-2016-033	METAVOLC	Strong QSP	massive py>qz veins	Massive py>qz vein in shear foliated metavolcanics. Coarse euhedral py forms 90% of vein infill 10cm wide. Vein seems to follow foliation @ 355/85			
SR-ESK-2016-034	23-Aug-16	415168	6254118	1596	TM SW	SR-ESK-2016-034							
SR-ESK-2016-035	23-Aug-16	415194	6254096	1576	TM SW	SR-ESK-2016-035							
SR-ESK-2016-036	23-Aug-16	415231	6254070	1552	TM SW								
SR-ESK-2016-037	23-Aug-16	415313	6254042	1501	TM SW	SR-ESK-2016-037							
SR-ESK-2016-038	24-Aug-16	414768	6254935	1901	TM SW		TUFF			Shear foliation in outcrop of coarse lapilli fragmental tuff(?). Sigma clasts visible in texture suggesting or delta? Shear plane is 340/82 to NE. Unit contains .05-.8% blebby and diss fine py	SHR	70	82
SR-ESK-2016-039	24-Aug-16	414713	6254848	1898	TM SW		MFD			Fine grained mafic -int dyke. Lacks foliation seen in host rock units but intrudes along foliation @ 345/89. <1% sulfides as lenses/discontinuous veins and disseminations.			
SR-ESK-2016-040	24-Aug-16	414690	6254848	1900	TM SW		MFD			Fine grained intermediate strongly chl altd dyke. Non magnetic (chl altn destruction?). Minor <1% sulfide diss as fine masses. Dyke shows some weak foliation -Syn-tectonic emplacement?			
SR-ESK-2016-041	24-Aug-16	414683	6254844	1899	TM SW	SR-ESK-2016-041	TUFF			Fine grained weakly foliated volcanic tuff. Weak shear foliation. ~2% sulfide as irregular discontinuous veins with cal. py> cpy (7:3). Sample taken.		70	87

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
SR-ESK-2016-042	24-Aug-16	414668	6254784	1899	TM SW		Fine grained hb+mt dio dyke			Fine grained acicular hb phyric dioritic dyke. Same as seen in cirque valley bottom blocky lacking foliation and Minzn. @ 321/85 to NE			
SR-ESK-2016-043	24-Aug-16	414642	6254776	1904	TM SW		Fine grained hb+mt dio dyke			Large body of hb diorite dyke blocky I foliated and I mineralized. ~20m wide coincides with dyke body observed in cliff bottom	dyke CT	51	85
SR-ESK-2016-044	24-Aug-16	414572	6254754	1923	TM SW		TUFF			Meta volcanics. Approaching gneissic layering. Strongly etamorphosed (approaching ct with ksp megacrystic granite at top of ridge. Foliation @ 342/86 to NE. Up to 2% diss sulfide primarily py.			
SR-ESK-2016-045	24-Aug-16	414546	6254673	1922	TM SW	SR-ESK-2016-045	TUFF			This point should be along strike north of the best veining with massive sulfide seen yesterday to south. Still strongly foliated and partially gneissic meta tuffs with moderate to strong py dominated sulfide Minzn up to 3-4%. Sample taken			
SR-ESK-2016-046	24-Aug-16	414500	6254346	1914	TM SW	SR-ESK-2016-046	Meta volcanics/gneissic			Incipient gneissic banding in meta volcanics/metaseds 4-5% sulfide fine grained diss throughout. Darker bands have abundant fine grained mt (altn? From hornfels?). Sample taken from oxide coated talus. This location is very proximal to major contact with Lee -something -intrusion	FOL	89	80
SR-ESK-2016-047	24-Aug-16	414501	6254360		TM SW	SR-ESK-2016-047	Meta volcanics/gneissic			Vuggy coarse grained Qz+10% mo vein found in float. Abundant mo within vein suitable for Re-Os dating of Minzn in this area.			
SR-ESK-2016-048	24-Aug-16	414506	6254316	1907	TM SW		GRA +			2n wide finger of Lee Brandt intrusive in the metavolcanic package. Contact @ 320/80. Follows general foliation in metavolcanic/metaseds. Pronounced chilled margin. Fine to med grained bt-hb granitic composition of dyke. Intrusive contained trace py and is strongly magnetic. Further down slope dyke appears to xcut foliation @ oblique angle	dyke CT	50	80
SR-ESK-2016-049	24-Aug-16	414511	6254304	1901	TM SW	SR-ESK-2016-049	MetaSeds			Recessive my weathered cave in cliff with up to 15% sulfide dominated by py. Abundant mt intergrown with py. Host rock is solidified and hornfelsed volcanic(?) with abundant diss py. Sample taken. Irregular massive sulfide veins are everywhere at this location			
SR-ESK-2016-050	24-Aug-16	414502	6254286	1900	TM SW		MetaSeds			Lensoidal discontinuous massive sulfide veins in metavolcanic package @ ~354/80. Although dip is steep and vasillates direction. Up to 10% py diss in unit. Appears to be a more foliated unit between two massive layers in cliff face. Nearby vuggy py veins with chl and fine grained py up to 5 cm wide are visible.	VEIN	84	80
SR-ESK-2016-051	24-Aug-16	414501	6254271	1893	TM SW	SR-ESK-2016-051	MetaSeds			Sample taken from 2cm wide py+my massiv sulfide vein. Halo is strongly solidified with abundant diss py. Vein @ 225/51 to NW. Xcutting usual foliation. Abundant veins of this mineralogy are visible at this location.	VEIN	315	51
SR-ESK-2016-052	24-Aug-16	414547	6254207	1864	TM SW		MetaSeds			Foliation in layered metaseds/metavolcanics has changed to 311/80 to NE. Still lensoidal discontinuous sulfide veins and abundant diss it and mt	FOL	41	80
SR-ESK-2016-053	24-Aug-16	414737	6253969	1801	TM SW		MetaSeds			Layered/banded metaseds. Moderately foliated with alternating leucosomes and melanosomes layering. <1% sulfides dominated by py. Locally abundant stock work chl+epi+ab halo veins mm scale. Minor mt in melanosomes. Proximal to contact with Lee Brandt intrusion.	FOL	46	78
SR-ESK-2016-054	24-Aug-16	414822	6253840	1736	TM SW		MetaSeds			Outcrop of met volcanics -incipient gneissic banding. Notable lack of sulfides. Schistose bt is abundant. Why is there a paucity of sulfides proximal to the Lee Brandt intrusive contact? Suggestive that Lee Brandt is not the causative intrusion for mineralization. Partial melting may be result of proximity to intrusion. A few sulfide burns in schistose gneiss foliation @ 164/54. Nearby are boulders of epi+grnt coarse grained gneisses(?). Has been suggested that they are skarn however high temp high pressure partial melting of pelitic rocks could form similar assemblage. Contact metamorphism with Lee Brandt?	FOL	254	54
SR-ESK-2016-055	24-Aug-16	415106	6253566	1717	TM SW		Meta volcanics/gneissic			Outcrop of fine grained solidified well foliated meta vcanics(?). Some banding visible suggesting incipient partial melting(?) less than at last location however. Gossanous staining on weathered surfaces. 2-3% fine diss py. Foliation @ 359/82 to E	FOL	89	82
SR-ESK-2016-056	24-Aug-16	415147	6253534	1726	TM SW	SR-ESK-2016-056	Meta volcanics/gneissic			Strongly silicified ser and py altd metavolcanics. Abundant lim and feox staining. Up to 5-8% py diss as fine grains. Sample taken	FOL	65	76
SR-ESK-2016-057	24-Aug-16	415189	6253529	1734	TM SW		MFD			Subcrop across 3-4m width of I foliated Post mineral Dacite(?) dyke. Unmineralized. Follows dominant foliation of volcanics and seds. Adjacent to dyke schistose metaseds/volcanics with chl and bt contain <1% py			
SR-ESK-2016-058	24-Aug-16	415254	6253515	1755	TM SW		Meta volcanics/gneissic			Continuation of schisty laminated metavolcanics/metaseds. Abundant chl with white fsp (ab?) altn halos. Minor or trace sulfides. Foliation is @ 341/88 to NE	FOL	71	88
SR-ESK-2016-059	24-Aug-16	415324	6253434	1783	TM SW	SR-ESK-2016-059	Meta volcanics/gneissic			Fine grained dark green chl schist metavolcanics. Foliation @ 330/84. Irregular epi blobs and growths with chl and likely ab. Abundant fine grained chl. In dark sometimes irregular layers. Weak partial melting(?). Locally strongly magnetic with abundant fine grained mt. Trace diss or lenses of py <0.5%. Sample of schisty volcanic taken with rare sulfide veinlet. Not expected to return high values.	FOL	60	84
SR-ESK-2016-060	24-Aug-16	415382	6253425	1789	TM SW	SR-ESK-2016-060	Meta volcanics/gneissic			Continuation of weakly banded green schist with local py Minzn up to 1%. Well foliated @ 309/89. MnOx staining occurs in "burns" denoting where irregular discontinuous sulfide veining /diss occurs	FOL	39	89
SR-ESK-2016-061	24-Aug-16	415366	6253344	1805	TM SW	SR-ESK-2016-061	Meta volcanics/gneissic			40cm wide granular Qz vein with feox weathered sulfides intergrown ~20% of infill xcutting otherwise Unmineralized chl schist metavolcanics. Vein @ 080/42 to S	VEIN	170	42
SR-ESK-2016-062	24-Aug-16	415411	6253213	1848	TM SW	SR-ESK-2016-062	Meta volcanics/gneissic			Maroon/purple fine grained volcanic cut by irregular qz +epi+sulfide veins up to 3cm wide and fine irregular qz+py+cpy veinlets. Minor diss sulfide as well. This unit displays only weak foliation. Moving away from main stress zone(?) or more competent unit(?) sample taken.			
SR-ESK-2016-063	24-Aug-16	415452	6253060	1886	TM SW		Meta volcanics/gneissic			Strongly foliated metavolcanics@ 321/89 to NE. Locally sulfide burns are visible with feox staining however majority of rock is Unmineralized.	FOL	51	89
SR-ESK-2016-064	25-Aug-16	414465	6257261	1893	TM NW		MetaSeds			Slate -Phyllite grade metamorphosed and foliated siltstones. Foliation @ 350/57 to E and joint orthogonal to foliation @ 184/28	FOL	80	57

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
SR-ESK-2016-065	25-Aug-16	414513	6257126	1974	TM NW		MetaSeds			Slate-Phyllite seds interceded with more resistant weakly foliated bedded tuffs some irregular folds and lenses of interbreeding visible in some resistant outcrop local lim fecarb altn in slate which caries 1% fine diss py			
SR-ESK-2016-066	25-Aug-16	414520	6257098	1972	TM NW	SR-ESK-2016-066	MetaSeds			20cm thick white Qz vein with vuggy cavities (cal?) oriented n-s dipping gently to W. Adjacent metaseds/metavolcanics have parasitic qz+cal veins and fecarb +lim weathering. Up to 1% fine diss py cubes. Sample of wall rock taken as vein infill did not appear prospective.			
SR-ESK-2016-067	25-Aug-16	414424	6256906	1936	TM NW	SR-ESK-2016-067	MetaSeds			Large white Qz vein. Boulders are rolling down the hill with pockets of feox weathered sulfide within vein. Sample taken of large white clast with rusty cavity			
SR-ESK-2016-068	25-Aug-16	414345	6256922	1922	TM NW	SR-ESK-2016-068	MetaSeds			Max vein up to 50cm -1m wide with abundant black MnOx coated metallic sulfide. Possible Aspy possibly tetrahedrite(?) many veins have been observed striking N-S and dipping to west or SW however talus seems to be trailing down hill in 2m wide zone striking 100. sample collected along with rep sample.			
SR-ESK-2016-069	25-Aug-16	414372	6256935	1930	TM NW	SR-ESK-2016-069	MetaSeds			Another area with same vein as at SR-ESK-2016-068. White Qz with coarse euhedral Aspy(?) coated in MnOx. Up to 50-70% vein infill is sub-cubic dark metallic. Sample taken. Individual boulders of vein and wall rock show that vein is xcutting foliation of slatey host rocks			
SR-ESK-2016-070	25-Aug-16	414289	6256949	1891	TM NW		MetaSeds			Series of gash like and irregular coarse Qz+Aspy veins. Appear dilational with comb structures. Some crack seal textures in Qz and sulfide growth. Veins trend @ 094/28 to south. Host rock at this location is unfoliated fine grained tuff	VEIN	184	28
SR-ESK-2016-071	25-Aug-16	414280	6256930	1893	TM NW	SR-ESK-2016-071	MetaSeds			Pile of blackened oxidized aspy(?) vein a bottom of incline. Not in situ but likely Subcrop massive sulfide comprises 95% infill. Only black/dark grey metallic sulfide visible. Sample taken.			
SR-ESK-2016-072	25-Aug-16	414120	6256685	1850	TM NW		TUFF			Fine grained green chl+ser altd tuff. Locally weak foliation. Minor feox pockmarks suggesting minor <1% py diss locally. No obvious veining			
SR-ESK-2016-073	25-Aug-16	414077	6256685	1843	TM NW	SR-ESK-2016-073	TUFF			Subcrop pile of strongly MnOx coated weakly foliated tuff. Some cobbles contain Qz veins with dark MnOx coated sulfide as seen above. Sample taken			
SR-ESK-2016-074	25-Aug-16	414062	6256666	1837	TM NW	SR-ESK-2016-074	TUFF			Local sulfide burns 1-2m across with silicified tuff unit and 2% fine diss py.			
SR-ESK-2016-075	25-Aug-16	414211	6256845	1865	TM NW		TUFF			Foliation in tuff has changed orientation. Foliation occurs preferentially in localized "pockets". 238/88 to NW. Irregular foliation orientations suggest folding in this area.	FOL	328	88
SR-ESK-2016-076	25-Aug-16	414457	6257040	1954	TM NW	SR-ESK-2016-076	TUFF			White Qz veins some with chl or act(?). Abundant feox some Qz veins exhibit small amounts of mal. Veins display comb Qz. 236/28 to NW is general orientation of veins.	VEIN	353	28
SR-ESK-2016-077	25-Aug-16	414465	6257092	1957	TM NW	SR-ESK-2016-077	TUFF			Broken vein 1m wide. White Qz with 15% mnox coated dark sulfide Aspy(?) abundant lim weathering of fecarb? And fine diss py ~0.5%			
SR-ESK-2016-078	25-Aug-16	414465	6257096	1959	TM NW	SR-ESK-2016-078	TUFF			Tuff with abundant lim staining and diss sulfide. Small Qz veins xcut foliation. Sample taken of Wall rock of large Qz+Aspy veins.			
SR-ESK-2016-079	25-Aug-16	414422	6257178	1942	TM NW		TUFF			Weakly foliated lapilli tuff. Large lapilli clasts up to 4cm long appear flattened. Some lense-like bedding of coarser material alternating with fine green ash tuff. Trace diss sulfide. Fol @. 006/56 to E	FOL	96	56
SR-ESK-2016-080	25-Aug-16	414403	6257195	1933	TM NW	SR-ESK-2016-080	TUFF			Subcrop of Qz vein with abundant MnOx and 10% Aspy(?). Sample taken.			
SR-ESK-2016-081	25-Aug-16	414372	6257261	1915	TM NW	SR-ESK-2016-081	TUFF			Tuff unit bleached white and cut by abundant Qz veins and feox weathering. MnOx on some surfaces. Possibly dyke unit? Historic rock sample was taken in 2008 or 1997? Light coloured zone oriented @ 180/35 to W	VNZN	270	35
SR-ESK-2016-082	25-Aug-16	414288	6257250	1875	TM NW		TUFF			Foliation in tuff unit xcut by irregular intermediate fine grained dyke with trace diss py.	FOL	94	71
SR-ESK-2016-083	25-Aug-16	414159	6257300	1823	TM NW		TUFF			Weakly foliated tuff with strong ser+clay +feox altd tuff. Fol @ 355/90. No visible sulfides. Rock is extremely soft	FOL	85	90
SR-ESK-2016-084	25-Aug-16	414140	6257363	1812	TM NW	SR-ESK-2016-084	TUFF			Rusty MnOx + feox stained vein @ 355/30 to E vein is 10-15cm wide. Sample taken	VEIN	85	30
SR-ESK-2016-085	25-Aug-16	413996	6257430	1722	TM NW	SR-ESK-2016-085	TUFF			Moderate foliation in laminated tuffs. Localized areas of strong ser+py altn which leave strong feox gossam stains.	FOL	80	82
SR-ESK-2016-086	25-Aug-16	413940	6257442	1695	TM NW		TUFF			Weakly foliated tuff with strong ser+py altn. Foliation @ 336/89	FOL	66	89
SR-ESK-2016-087	25-Aug-16	413773	6257621	1655	TM NW	SR-ESK-2016-087	TUFF			Moderately foliated tuff with strong Qz ser py altn. Foliation @ 315/75. ~1% fine diss sulfide.	FOL	45	75
SR-ESK-2016-088	26-Aug-16	419131	6255715	1465	TM E		TUFF			Fine grained tuff/volcanics displaying shear foliation. Flattened axis plane @ 160/62 to SW and lineation @ 055 to 284 and dilational gash veins @ 010/28 to E	SHR	250	62
SR-ESK-2016-089	26-Aug-16	419167	6255780	1545	TM E	SR-ESK-2016-089	TUFF			Walking up cirque wall. Talus includes green chl altd weakly foliated tuffs. 25% of talus are More strongly foliated tuffs with localized QSP altn containing up to 0.8% very fine py. Outcrop displays weakly to moderately shear foliated tuffs with dilational Qz veins perpendicular to lineation. Some of these Qz veins are rusty with py Minzn. sample has been collected of a rusty Qz vein. Shear plane is 180/55 to W. Lineation is 55 to 276. Dilational veins @358/44.	SHR	270	55
SR-ESK-2016-090	26-Aug-16	419251	6255776	1579	TM E	SR-ESK-2016-090	TUFF			In talus. A boulder of sheared porphyritic dyke(?). Or coarser grained volcanic. Within Boulder is a mal stained Qz vein which has also been sheared implying early emplacement. No actual sulfides are visible. Sample taken Because gold has association with copper in this area apparently. Possibly milled very fine grained sulfides within vein still			
SR-ESK-2016-091	26-Aug-16	419291	6255808	1616	TM E		TUFF			Continuation of large cliff of shear foliated volcanic package. Meyer scale dark green dykes of highly irregular orientation are observed xcutting foliation in metavolcanics. Abundant dilational white Qz veins. No sulfide is apparent ie. No gossanous appearance. Weather is moving in. Will head back down hill for safer pickup. Across Glacier to southeast of this location is large dark green body in contact with foliated volcanics. Likely a large body of the same intermediate dykes seen xcutting unit here. Shear plane@ ~190/60 to W	SHR	280	60
SR-ESK-2016-092	26-Aug-16	419333	6255726	1594	TM E	SR-ESK-2016-092	TUFF			Outcrop of volcanics in cirque bottom displays strong irregular Qz veining @ ~ n-s strike dipping moderately to east and feox staining is prevalent. (colour suggests fecarb also present) not nearly as foliated at this location as in the cliff to northwest. Only trace visible py. Sample taken because of strength of silicification.			

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
SR-ESK-2016-093	26-Aug-16	419314	6255587	1570	TM E	SR-ESK-2016-093	TUFF			Abundant sheeted dilational Qz veining in shear foliated tuffs. Highly silicified. Veins roughly n-s dipping moderately to east. Some up to 15 cm wide. Sometimes sheeted at a density of 50 1cm veins per meter. Weak to moderate feox on weathered surfaces. Sulfides are not apparent however. Some Qz veins contain chl intergrown with cockscomb textures. Sample taken but no high expectations			
SR-ESK-2016-094	26-Aug-16	419217	6255532	1525	TM E	SR-ESK-2016-094	TUFF			Sheared tuff. Shear plane @ 155/82 to NW. Lineation fabric @ 75 to 310. Gash Qz veins with minor <0.5% cubic py @ 052/30 to SE. Veins are 2-5cm wide. Sample taken	SHR	245	82
SR-ESK-2016-095	26-Aug-16	419132	6255567	1481	TM E	SR-ESK-2016-095	TUFF			Same sheared silicified tuff unit with 30% dilational Qz veining bearing <0.5% py. Sample taken because there is more feox at this location than typical.			
SR-ESK-2016-096	28-Aug-16	420189	6252037	1786	TM E		Felsic volcanics			Beginning of traverse. Felsic volcanics (unclear if tuffaceous or coherent given metamorphic foliation). Foliation @ 322/83 to NE. Exhibits fine Qz cal trace sulfide hairline veinlets. Unit is also crosscut but unfoliated hb<bt mafic dyke. 60% mafics. Qz cal veins xcut the MFD leaving feox stained halos. Trace specks of sulfide are visible within MFD. locally feox stained areas within the felsic volcanics display up to 1% py.	FOL	52	83
SR-ESK-2016-097	28-Aug-16	420226	6252024	1789	TM E		MetaSeds			Dark grey very fine grained foliated silicified mudstones (very hard). Foliation @ 336/89. Very weakly magnetic. Trace po(?) visible along some foliation planes. Localized sulfide burns 4-5 cm long are visible on weathered surfaces and appear to be related to small amounts of sulfide along foliation planes. Overall only trace sulfides are present. Irregular Qz carb veins xcut foliation at oblique angle and larger veins appear to carry po.	FOL	66	89
SR-ESK-2016-098	28-Aug-16	420292	6251992	1816	TM E		MetaSeds			Dark silicious or silicified grey mudstones with foliation @ ~ 334/58. Foliation appears disrupted. Maybe affected by secondary phase of deformation forming subtitle kink banding and folding of foliation. Mudstones are xcut by mafic dykes with 60% bt>>hb <1m wide @ ~103/38 to SW. Fine po veinlets are observed in mudstones however overall sulfide content is <0.5%	dyke CT	193	38
SR-ESK-2016-099	28-Aug-16	420277	6251945	1801	TM E	SR-ESK-2016-099	MetaSeds			Dark grey foliated siliceous or silicified(?) mudstones with foliation @ 325/50 to NE. Adjacent are lighter coloured felsic volcanics with same foliation. Mudstone contains no visible sulfide. Felsic volcanics contain small lenses and diss py+/-po up to 1-2% locally. Sample of most mineralized felsic volc in area collected. Both units are cut by irregular mafic dykes <1mwide	FOL	55	50
SR-ESK-2016-100	28-Aug-16	420385	6251817	1835	TM E	SR-ESK-2016-100	MetaSeds			10m outcrop in large talus field. Felsic volcanic with strong feox weathering. Fresh surfaces show weak foliation/laminations with 1-2% py as very fine diss and along foliation planes. Light grey colour - very siliceous. Does not display strength of foliation as seen elsewhere. More massive and blocky. Sampl collected for assay			
SR-ESK-2016-101	28-Aug-16	420364	6251795	1834	TM E	SR-ESK-2016-101	Felsic volcanics			Felsic volcanic outcrop across gully from last location. Foliation @ 358/80 to E with S2 foliation/ kinking @ 150/80. Unit is cut by cm scale Qz cal py vein. Nearby talus of Qz vein with5% py was collected for assay	FOL	88	80
SR-ESK-2016-102	28-Aug-16	420292	6251811	1795	TM E		Felsic volcanics			Felsic volcanics down the whole ridge along side of glacier. Strong feox weathering is visible and Coats weathered surfaces. Minor Qz veining is observed xcutting foliation at oblique angle. Very fine py is diss throughout unit up to 2% locally however Generally <1% sulfide surprising considering amount of gossanous weathering. Py also occurs along laminations within rock unit or as very fine lenses.			
SR-ESK-2016-103	28-Aug-16	420275	6251822	1788	TM E	SR-ESK-2016-103	Felsic volcanics			In felsic volcanic a Qz carb vein with vuggy py growths and abundant feox+lim staining @ 186/65. Few sulfides remain visible. The majority seem to have weathered out into feoxides adjacent host rock displays strong silicification (although was likely siliceous to begin with) and very fine py <1%. Sample collected of win material and adjacent wall rock	VEIN	276	65
SR-ESK-2016-104	28-Aug-16	420281	6251795	1794	TM E		Felsic volcanics			Fracture zone/vein zone with abundant MnOx and feox. Vein infill is not visible given recessive weathering (also may only be fractures and not veins. Proximal wall rock contains 3-4% diss py.	VEIN	24	89
SR-ESK-2016-105	28-Aug-16	420276	6251787	1787	TM E	SR-ESK-2016-105	Felsic volcanics			Fracture/vein zone with abundant mnox and feox lim. Fine dark grey metallic mineral visible in vein zone. Aspy(?). Sample taken.	VEIN	60	79
SR-ESK-2016-106	28-Aug-16	420272	6251761	1775	TM E	SR-ESK-2016-106	Felsic volcanics			Felsic volcanics in gossanous zone. Qz vein with 60% infill coarse py. Sampled. Orientation difficult to determine. Inferred to be at 066/28 to SE	VEIN	156	28
SR-ESK-2016-107	28-Aug-16	420265	6251776	1781	TM E	SR-ESK-2016-107	Felsic volcanics			5 m chip sample in a line starting from this location bearing 090 in extremely gossanous silicified felsic tuff with up to 5% py	VEIN		
SR-ESK-2016-108	28-Aug-16	420249	6251833	1778	TM E	SR-ESK-2016-108	Felsic volcanics			Chip sample taken from gossanous silicified felsic volcanics. Chips along 5m bearing 120 starting from this location. 2-3%bdiss sulfides			
SR-ESK-2016-109	28-Aug-16	420255	6251748	1768	TM E		Felsic volcanics			Tectonic fault breccia in felsic volcanic unit. Up to 2cm angular clasts strike is ~ 254 but dip is unclear given outcrop exposure. Zone of breccia yes volcanics is 2m wide and weathers somewhat recessive my.	Fault	344	80
SR-ESK-2016-110	28-Aug-16	420234	6251746	1756	TM E	SR-ESK-2016-110	Felsic volcanics			Massive po veins@ ~ 330/28 or 352/32 Veining extends over 10-15m outcrop. Veins are 2-7cm wide. Abundant gossan. Composite sample of several veins taken. Massive po vein 20cm wide found in Subcrop	Fault	60	28
SR-ESK-2016-111	28-Aug-16	420187	6251805	1745	TM E	SR-ESK-2016-111	Felsic volcanics			Felsic Siliceous volcanics fine grained light grey with <1% diss fine grain po. Gossan and veining has given way to finer diss sulfide moving NW from last location			
SR-ESK-2016-112	28-Aug-16	420178	6251841	1737	TM E		TUFF			Transition to dark green volc(?) or int tuff? fine grained. Sporadic fine plag grains/xtals. Weakly magnetic with trace diss po or py. Cut by sporadic cal +Qz veins. Fine aggregates of mt visible.			
SR-ESK-2016-113	28-Aug-16	420152	6251870	1736	TM E		TUFF			Qz po veins in intermediate xtal tuff @ 353/24. Veins appear dilational/gash veins. Sulfides only appear in veins locally. Similar orientation of larger Qz po veins seen at station 110.	VEIN	83	24
SR-ESK-2016-114	28-Aug-16	420122	6251902	1722	TM E	SR-ESK-2016-114	TUFF			Same dark green int xtal tuff as last 2 locations. Qz po veins continue at same orientation. Sample of this unit with 2-3-% diss po collected	VEIN	46	45
SR-ESK-2016-115	28-Aug-16	420062	6251960	1710	TM E		TUFF			Continuation of glue green int xtal tuff at this location irregular Qz veins with po and aspy(?) with minor scoridite(?) are observed. Small zone of rusty weathering. Rep sample taken			
SR-ESK-2016-116	28-Aug-16	420015	6252049	1695	TM E		SST			Weakly bedded siltstones dark green. Very trace diss sulfide. Too fine to identify 336/83 foliation/weak bedding	VEIN	66	83

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
SR-ESK-2016-117	28-Aug-16	419923	6252031	1648	TM E		SST			Dark green fine grained siltstone or very fine grained int tuff? Weak Qz po veins @ 034/52.	VEIN	124	52
SR-ESK-2016-118	28-Aug-16	419906	6252002	1631	TM E		SST			Very fine grained dark green siltstone or tuff. Small plag xtals/grains are occasionally visible <0.3% sulfide. Too fine to identify. Foliatio/bedding orientation is unclear. Appears undulose.			
SR-ESK-2016-119	28-Aug-16	419851	6251998	1605	TM E		Felsic volcanics			Foliation in large outcrop of felsic volcanics. Localized po or py (very fine diss and lenses) create localized feox "burns" 4-5cm wide extending along foliation. Only minor amounts <0.6% sulfide locally create conspicuous gossanous burns.	FOL	248	88
SR-ESK-2016-120	28-Aug-16	419798	6252006	1571	TM E	SR-ESK-2016-120	Felsic volcanics			Foliation @ 340/89 to NE in foliated felsic volcanics. Intermittent sulfide burns related to fine diss po Minzn. Sample taken from nearby. Irregular mafic dyke 3m wide cuts felsic volcanics obliquely to foliation.	FOL	70	89
SR-ESK-2016-121	31-Aug-16	413614	6251756	908	TM SW		GRA			Boulder along lateral moraine of glacier with bt altd to chl- Qz and 1% cpy and minor cov(?)(black soft black streak that leaves dark smudge on finger when rubbed) and Qz. Boulder is 70cm wide. Vein is <1cm. These veins are extremely rare in the talus clasts. Majority of granitic clasts are unaltered or cut by mm scale Qz epi ksp(pink ab) veinlets.			
SR-ESK-2016-122	31-Aug-16	413679	6251749	912	TM SW		GRA			minor malachite and cpy associated with a planar 1cm qz+bt+ksp vein found in a granitic boulder in lateral moraine of glacial valley			
SR-ESK-2016-123	31-Aug-16	413706	6251743	910	TM SW		GRA			2cm wide coarse euhedral prismatic Qz+bt vein with minor cpy and cv(?) with 2-4cm wide bt+ksp halo. Med grained platy euhedral musc is also visible along surface. These planar veins are very sporadic. Further up valley from this location these veins cease to be observed entirely. It is my opinion that the weak mineralization here represents the last fractionation of magmatic fluid from the cooling pluton x-cutting the outer carapace of solidified granitic intrusion. whatever the actual cause/source of mineralization there is not enough scale here to make continued exploration for the source of these sporadic boulders, a worthwhile undertaking. there is neither the density of veins, strength of alteration, nor abundance of mineralization.			
Cbr1603004	23-Aug-16	415009	6253732	1739	TM SW	CB-16-004	Massive Sulfide Vein		Tetrahdedrite(?), pyrite	Boulder, angular, 35 cm. Massive sulphide vein. 80-90% coarse grained tetrahedrite(?) and remaining is coarse-grained pyrite in angular "lumps" to 3 cm. The possible tetrahedrite is very dark grey with planar crystal faces, and seems too dark to be tetrahedrite, but does not resemble any other sulphide I know of. It tarnishes rapidly to black, and could be a psudomorph of marcasite after pyrite, but the sharp edges of the pyrite lumps are then hard to explain. Some minor rounded quartz clasts to 2 cm are contained within the sulphides. Several more similar boulders are found with 3 to 5 m of site upslope, suggesting that the source is very local (also this is the top of the ridge).			
Cbr1603005	23-Aug-16	415051	6253721	1739	TM SW	CB-16-005	Massive Sulfide Vein		Tetrahdedrite(?), pyrite, chalcopyrite	5 to 8 cm thick massive sulphide vein on selvedge of quartz vein hosted in 80 cm maroon-purple hornfels boulder. 10% chalcopyrite, 40% bright pyrite, and 40% "tetrahedrite" (dark grey sulphide).			
Cbr1603006	23-Aug-16	414928	6253978	1719	TM SW	CB-16-006	Pyrite-molybdenite vein		Molybdenite, pyrite	0.5 m chip sample with 3 cm massive pyrite vein in centre, hosted in silicified hornfels, next to gossanous weathering pyritic hornfels. 1% to locally 15% molybdenite occurs in in halo around pyrite vein up to 25 cm either side of vein, increasing to a maximum moly content immediately against pyrite. Stronger silicification and very dark coloration of hornfels is associated with moly mineralization, but is also deeply weathered and sericitic in parts, which also contains abundant molybdenite. Several other pyrite veins were examined in area, but no other moly was found.			
Cbr1603007	23-Aug-16	414924	6254010	1714	TM SW	CB-16-007	Quartz-sulphide Vein		Tetrahdedrite(?), pyrite, chalcopyrite	Boulder, angular, 45 cm. Sugary texture hornfels with quartz, pyrite, chalcopyrite and dark grey platy sulphide ("tetrahedrite"). 10% coarse grained sulphides. 1 m boulder just upslope has nearly identical sulphides and veining.			
Cbr1603008	23-Aug-16	414932	6254070	1704	TM SW	CB-16-008	Quartz-sulphide Vein		Pyrite, chalcopyrite,"tetrahed	Quartz vein float boulder. Vein is 30 cm wide. 15% pyrite, 1% chalcopyrite, 2% "tetrahedrite". Many similar boulders around site, some adhering to hornfels, with similar sulphide content.			
Cbr1603009	23-Aug-16	414930	6254078	1700	TM SW	CB-16-009	Pyrite-molybdenite vein		pyrite, molybdenite	Molybdenite occurs as a 1cm halo in hornfels around a 2 cm massive pyrite vein, in outcrop. Many pyrite veins in outcrop here. Difficult to sample here due to glacially rounded outcrop. Very gossanous, with yellowish sericitic weathering. Next to edge of glacier.			
Cbr1603010	23-Aug-16	415061	6254256	1642	TM SW	CB-16-010	Quartz-pyrhottite-chalcopyrite vein		pyrhottite-chalcopyrite	Boulder, angular, float. Quartz-pyrhottite. 50% pyrhottite, minor to 5% chalcopyrite, which is quite variable, in overlapping nebulous veins. Numerous pyrite veins in bedrock here. Weak epidote skanification. Several quartz-pyrhottite vein float boulders found here, hosted in both biotite hornfels and weak epidote skarn.			
Cbr1603011	23-Aug-16	415040	6254252	1642	TM SW	CB-16-011	Quartz-pyrhottite-chalcopyrite vein		pyrhottite-chalcopyrite	Train of quartz-pyrhottite-chalcopyrite float boulders followed to toe of glacier (here) where sampled 0.6 m monster vein boulder was found.Roughly 40% pyrhottite, 1.5% chalcopyrite in nebulous overlapping veins.			
Cbr1603012	24-Aug-16	414683	6254824	1902	TM SW	CB-16-012	QSP-altered tuff		pyrite	Very gossanous 3 m wide zone. Rock has 5 to 15% disseminated pyrite and is silicified. Too altered to identify protolith (tuff?). Zone trends 320°. Gossanous zone continues westward for 20 m, but here is separated by a 2 m wide intermdeiate dyke (fresh-looking, late).			
Cbr1603013	24-Aug-16	414670	6254810	1901	TM SW	CB-16-013	QSP-altered tuff		pyrite	Part of same QSP-gossan area as CBR1603012, but here 4 m from western limit. 10% pyrite, some coarse-grained pyrite in veins. From here to other side (east) is very fractured and weathered, but probably is similar to the outer samples.			
Cbr1603014	24-Aug-16	414609	6254804	1915	TM SW	CB-16-014	pyrite-pyrhottite veins		pyrite, pyrhottite	Boulder, 0.3 m, angular. Pitch black with 15% pyrite-pyrhottite veins to 1 cm. Found in talus next to large microdiorite(?) dyke, possibly a monzonite dyke derived from the Lee Brant Stock. Close to toe of glacier.			
Cbr1603015	24-Aug-16	414561	6254720	1930	TM SW	CB-16-015	Quartz vein			Sugary-texture quartz vein subcrop. (High temperature quartz). Looks unmineralized, but could have gold.			
Cbr1603016	24-Aug-16	414536	6254328	1897	TM SW	CB-16-016	Quartz vein		pyrite	High temperature quartz vein with minor pyrite, celadonaite. 25 cm wide. Strike 220/-85. Stockwork pyrite veinlets common in host hornfelsed tuff.			

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
Cbr1603017	24-Aug-16	414580	6254323	1871	TM SW	CB-16-017	Quartz-pyrhottite-chalcopyrite vein		pyrhottite-chalcopyrite	Boulder, angular, 30 cm. High temperature quartz with 20% pyrhottite and 3% chalcopyrite. First occurrence of this type of mineralization noted coming down slope from glacier toe, although there are several "barren-looking" high temperature quartz veins and many pyrite veinlets.			
Cbr1603018	25-Aug-16	414494	6256986	1959	TM NW	CB-16-018	QSP-altered mafic tuff		pyrite	Grab of QSP-altered volcanic rock (possibly mafic tuff). Moderately altered, moderately gossanous. 2% pyrite. Broad zone > 50 m wide.			
Cbr1603019	25-Aug-16	414454	6256935	1949	TM NW	CB-16-019	Quartz vein		malachite	Grab of abundant quartz vein float spread through sharp, platey talus. Quartz boulders to 60 cm, most with fragments of sericitized rock to 50%. Possibly upper/outer portion of polymetallic vein system. Trace specs of malachite.			
Cbr1603020	25-Aug-16	414345	6256916	1927	TM NW	CB-16-020	Quartz-carbonate vein with arsenopyrite	Manganese	Arsenopyrite, tennantite	Very large vein, or set of veins. Subcrop in talus. Quartz with black (manganese-soaked) carbonate, with arsenopyite-tennantite to 5% in fractures, tiny veinlets. Trace chalcopyrite. Boulders to 1 m common. Very large number of manganese-stained quartz-carbonate boulders (hundreds). Quartz sometimes has open space-filling, well-formed crystals, to 2 cm long, but most are smaller.			
Cbr1603021	25-Aug-16	414379	6256955	1936	TM NW	CB-16-021	Quartz-carbonate vein with arsenopyrite	Manganese	Arsenopyrite, tennantite	Hundreds of black-stained quartz-carbonate-arsenopyrite vein boulders, pouring down slope in talus.			
Cbr1603022	25-Aug-16	414310	6256941	1908	TM NW	CB-16-022	Siderite-sulphide-sulfosalt vein	Manganese	pyrhottite-chalcopyrite	20 cm thick siderite-sulphide vein in outcrop. Stained black with manganese; manganese stain also in host mafic tuff. 20% pyrite, 2% chalcopyrite, possibly other sulfides/sulfosalts. Several brecciated quartz veins also in outcrop here, with no sulphides, in hangingwall. Strike 065/-30. Thin 2 cm quartz vein in centre of siderite vein. Siderite is very coarse-grained.	V1	155	30
Cbr1603023	25-Aug-16	414363	6256858	1920	TM NW	CB-16-023	Quartz-carbonate vein		trace pyrite	Fine-grained quartz-carbonate-sericite vein float, in talus. Abundant in talus, mixed with quartz vein float. Looks to be subcrop, based on alteration here.Possible precursor to quartz-carbonate arsenopyrite veins, (if sulphides replace sercicite?). Trace pyrite			
Cbr1603024	25-Aug-16	414426	6257005	1959	TM NW	CB-16-024	Quartz vein	Manganese	Arsenopyrite, tennantite, chalcopyrite	Grab across quartz vein with heavy manganese staining. Likley this is the original GFJ showing location. Old picket found here. Probably true width of vein is about 0.75 m, but difficult to determine due to flat-lying orientation, weathering, and talus.Large amount of vein exposed over several meters length, and almost 2 m across upper surface and dips into snow cover. Hanginwall vein surface very manganese-stained and contains possible arsenopyrite/tennantite in fractures (but could be fresh manganese). Chalcopyrite occurs on footwall of vein, in small veinlets. Strike 015/-35, but is offset from extension of vein outcropping to the northeast, on far side of snow-covered area.	V1	105	35
Cbr1603025	25-Aug-16	414424	6257006	1954	TM NW	CB-16-025	Mafic lapilli tuff	Carbonate,quartz		Grab of carbonate-altered mafic lapilli tuff, footwall rock to CBR1603024 vein. Stockwork quartz veinlets abundant.			
Cbr1603026	25-Aug-16	414476	6257081	1966	TM NW	CB-16-026	Mafic tuff	Manganese, QSP,carbonate	Arsenopyrite, pyrite	Black Gossan. Stockwork arsenoipyrite veinlets in black, manganese-soaked mafic tuff, in far upper hanging wall to large quartz-manganese vein exposed downslope. Approximately 15 m up section.Approximately 15 m of black gossan with quartz "blow outs" and pyrite +/- QSP alteration continuing upslope.			
Cbr1603027	25-Aug-16	414492	6257112	1977	TM NW	CB-16-027	Quartz vein	Manganese	Arsenopyrite	Black manganese-stained quartz bolder float train followed upslope for 20 m. Quartz with 20% aresenopyrite in boulders to 30 cm. Boulder train trends 235°, towards very large flat-dipping quartz-manganese vein downslope. Rhyolite dyke noted roughly 20 m NW. Vein float stops here suddenly, then starts again upslope and slightly offset.	V1	325	
Cbr1603028	25-Aug-16	414521	6257102	1985	TM NW	CB-16-028	Quartz vein	Manganese	Arsenopyrite	Vein float train from CBR1603027 site followed upslope to here, peak of slope and edge of incredibly precipitous cliff facing east. Vein material is smaller in size than downslope. Abundant non-manganese-stained quartz-carbonate vein float/subcrop runs parallel to this manganese-stained quartz with aresenopyrite vein float/subcrop on south side.			
Cbr1603029	25-Aug-16	414426	6257231		TM NW	CB-16-029	Tuff	Quartz-sericite-arsenopyrite	Arsenopyrite	Arsenopyrite in highly altered tuff. Most is weathered out, leaving boxwork and elongated voids in the quartz-sericite altered rock. Fresh material is hard to obtain. Float, probably subcrop, occurs in a 285° trend. Some quartz with arsenopyrite on edges also.			
Cbr1603030	25-Aug-16	414434	6257257	1954	TM NW	CB-16-030	Siderite-sulphide-sulfosalt vein	Manganese	pyrite, chalcopyrite	Abundant vein float/subcrop. 60% siderite, 30% pyrite, 10% chalcopyrite. Approximately 13 cm thick vein. Upper part of loat train is here, but source is not visible through talus. However, outcrop of mafic tuff occurs on either side of site.			
Cbr1603031	25-Aug-16	414429	6257328	1964	TM NW	CB-16-031	Quartz vein		Arsenopyrite, pyrite	4 cm wide quartz vein with 5% to 10% arsenopyrite, plus 2% pyrite. Strike 025/-25.	V1	115	25
Cbr1603032	25-Aug-16	414429	6257328	1962	TM NW	CB-16-032	Mafic tuff	Manganese, QSP	pyrite	Chip of 20 cm from either side of CBR1603031 vein. Highly QSP-altered tuff, heavily weathered. Most pyrite has gone to boxwork.			
Cbr1603033	25-Aug-16	414437	6257380	1971	TM NW	CB-16-033	Siderite-quartz-sulphide-sulfosalt vein	Manganese	Arsenopyrite, pyrite, chalcopyrite	Chip across 40 cm vein of carbonate and quartz with 5% arsenopyrite, 10% pyrite, 3% chalcopyrite. Strong Black Gossan, but sharp edges to host rock. North end seems to cut off sharply. But may be hidden under skree. South extension hidden by snow cover. Strike 330/-45. Vein has carbonate (siderite) on one (west) edge, roughly 15 cm thick.	V1	420	45
Cbr1603034	25-Aug-16	414454	6257390	1971	TM NW	CB-16-034	Quartz vein	Manganese, carbonate	arsenopyrite, pyrite	Quartz vein 35 cm thick, with 10% arsenopyrite, minor pyrite. Extensive carbonate alteration and manganese staining surrounds quartz "blow out" containing vein. May be more of an "ore shoot" than a vein.			
Cbr1603035	28-Aug-16	415746	6253545	1602	TM SW	CB-16-035	Pyrhottite-chalcopyrite vein	Hornfels	Pyrhottite, chalcopyrite, pyrite	Boulder, angular, 1.5 m. 30 cm thick band of foliation has pyrhottite within foliation to 5 mm thick, plus cross-cutting massive pyrhottite-chalcopyrite-pyrite veins to 2 cm. Foliation-parallel veining has the most chalcopyrite, but patchy. Sample is 50% host tuff gniess/hornfels.			
Cbr1603036	28-Aug-16	415612	6253540	1602	TM SW	CB-16-036	Hornfelsed sediment	Biotite Hornfels	pyrite	1.5 m chip across foliation of pyritic hornfels. 5% pyrite in foliation plus dense disseminated pyrite patches locally. Foliation strikes 090/-48, apparently bending slowly from the north to here. Some sericitization and quartz veining. Argillite (recognizable) between two mafic dykes near site. Appears that honfels is (was) mudstone-siltstone, whereas mafic tuffs tend towards weak (generally) calc-silicate skarnification in this intrusion area.	S1f	180	48

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
Cbr1603037	28-Aug-16	415474	6253627	1603	TM SW	CB-16-037	Calc-silicate skarn (mafic tuff)	Calc-silicate skarn	Scheelite(?), pyrhottite	Weak to moderate calc-silicate skarn float common in area talus. Epidote-amphibole and sometimes garnet bands and knots, with carbonate and quartz. Minor pyrite, but not usually. May contain scheelite, but cannot identify in field. Some specimens have pyrhottite veins when biotite hornfels is mixed in.			
Cbr1603038	28-Aug-16	415190	6254112	1582	TM SW	CB-16-038	Hornfelsed sediment	Moderate QSP	pyrite	Grab from 3 m area of yellow-weathering, moderately QSP-altered hornfels. Possibly intermediate tuff or siltstone protolith. 1% pyrite, disseminated. This yellow-weathering, soft, and often additionally gossanous alteration type is typically host to pyrite +/- quartz veins, and occurs in several stratigraphic positions. May also be transitional alteration from hornfels to calc-silcate alteration (between former mudstone and mafic tuff). Large area of this type of alteration here.			
Cbr1603039	28-Aug-16	415132	6254308	1612	TM SW	CB-16-039	Tuff(?)	QSP	Pyrite	Several boulders in area of very strongly QSP altered rock (tuff?). 50% disseminated pyrite, fine grained to very small cubes, mixed.			
Cbr1603040	28-Aug-16	415062	6254380	1615	TM SW	CB-16-040	Quartz-suphide vein	Silicification	Molybdenite, pyrite, chalcopyrite	Boulder, 20 cm, angular. 5% disseminated molybdenite, 6% pyrite (mixed with some pyrhottite), 1% chalcopyrite. Pyrite-chalco in network veins, associated with quartz. Plus one 1 cm massive pyrite vein cross cutting minerlaization. Entire rock mineralized. Found at toe of glacier.			
Cbr1603041	28-Aug-16	415068	6254391	1609	TM SW	CB-16-041	Pyrhottite-chalcopyrite vein		Pyrhotite, chalcopyrite	Massive pyrhottite-chalcopyrite +/- pyrite angular vein float common in area talus. Sometimes with a bit of molybdenite. Veins from 2 cm to 12 cm easy to find, but examples with more than just a bit of moly are hard to find. Just below toe of glacier, south side of meltwater creek. Outcrop here has only coarse-grained pyrite-quartz veins.			
Cbr1603042	28-Aug-16	415130	6254471	1564	TM SW	CB-16-042	Hornfelsed sediment	Hornfels	Pyrite	Grab across 1 m of very pyritic hornfels. 3% to 5% pyrite disseminated and in veinlets.			
Cbr1603043	30-Aug-16	414093	6257624	1828	TM NW	CB-16-043	Lapilli tuff	Carbonate,QSP	Pyrite	1 m chip of footwall to old sample AS001 (2006, 87.5 g/t Au). GPS coords are poor due to cliff, but old station verified. AS001 vein strikes 120/-35. 1-3% pyrite in footwall, carbonate alteration + weak QSP. Possibly there are two veins here, with the lower one weathered out, and hidden in talus. 2.5 m below AS001 vein is stronger alteration than around the AS001 vein, but is the same style. Float downslope of vein is larger than from outcropping AS001 vein.	V1	210	35
Cbr1603044	30-Aug-16	414105	6257540		TM NW	CB-16-044	Quartz-sulphide Vein	Carbonate	Sphalerite, galena, chalcopyrite, chalcocite	Quartz veining subcrop in carbonate altered rock. No manganese stain. Has sphalerite, galena, chalcopyrite and chalcocite, but not commonly, with some small chert fragments or cherty alteration. Manganese-stained quartz vein float is also here, with arsenopyrite (not sampled), but this vein material is significantly different in style; contains sericitized rock, frequently altered to clay-limonite. 25 m alteration zone. Heavy mylonitization above site and in scree - possibly late fault zone, which seems to have sharply cut off mineralization and alteration just south of here. Howver, much altered scree is in found upslope, on unaltered outcrop. Several dykes in area, including a hornblende phyric one.			
Cbr1603045	30-Aug-16	414221	6257525	1897	TM NW	CB-16-045	Quartz vein	Carbonate	Arsenopyrite, pyrite, chalcopyrite	Quartz vein in outcrop, with mylonitized, carbonate-altered rock. Vein strike 200/-40, but may be within fold. May connect CBR1603044 to here, via fold offset. Abundant "barren" quartz + carbonate-altered vein float around site. Orientations of mylonite fabric extremely variable (locally 305/-80), and may be part of a crushed fold. Vein here is 25 cm thick, brecciated, has chlorite and manganese-stained blobs. Stockwiork barren-chloritite veins common in outcrop above vein. Dilational fractures common in host (mafic).	V1	290	40
Cbr1603046	30-Aug-16	414360	6257220	1899	TM NW	CB-16-046	Quartz vein	Carbonate	rare chalcopyrite, chalcocite, malachite	Grab from several specimens from litterally thousands of quartz-carbonate-sericite (no manganese) boulders pouring down slope. Minor/trace pyrite, very rare chalcopyrite, chalcocite or malachite spots. Obvious fault zone above, under very steep talus slope. For the most part, these boulders do not look mineralized, but this vein type has been found near manganese-stained sulphide-sulfosalt mineralized veins in several areas so far, and may indicate a re-activated structural corridor of some type, and/or fold hinge.			
Cbr1603047	30-Aug-16	414248	6257235	1856	TM NW	CB-16-047	Quartz-sulphide Vein	Manganese	arsenopyrite	Quartz vein with 5% arsenopyrite, concentrated on edges. At contact of massive, unaltered andesite with lapilli tuff which is frequently altered to some degree with carbonate-manganese. Vein strikes 008/-80. Vein is 3 to 5 cm (variable), but is generally continuously increasing in thickness to northward. Alteration and strong foliation (primarily) in tuff begins sharply here, towards the northwest.			
Cbr1603048	30-Aug-16	414383	6257640	1918	TM NW	CB-16-048	Quartz-sulphide Vein	Carbonate-manganese	arsenopyrite, chalcopyrite	Quartz-arsenopyrite vein. Remnants of meandering vein, apparently runinning sinusoidally, averaging a 028° strike, in subcrop on top of hill for over 100 m. 15 cm typical, but sometimes thicker. 5% arsenopyrite, 1% chalcopyrite. Associated with considerable carbonate-manganese alteration talus/skree, suggesting a relatively flat dip.	V1	118	
Cbr1603049	30-Aug-16	414249	6257616	1902	TM NW	CB-16-049	Gabbroid	sulphide	chalcopyrite, pyrhottite	Outcrop of Red Lightning mineralization. Chalcopyrite 2-3%, pyrhottite 3-5% in network stringers within highly chloritic "very mafic rock". Strong but patchy mineralization, but most mineralization is at edge of snow-covered area, so extent is not known.			
Cbr1603050	30-Aug-16	414292	6257812	1848	TM NW	CB-16-050	Quartz-carbonate vein	Carbonate	Rare chalcopyrite	Grab of typical types of fault breccia/shear/fold hinge (?) quartz(-carbonate) vein float subrop from tens of thousands of quartz-sericite-limonite boulders pouring down slope in a 320° trend. Similar to several others of this type: CBR1603019, 044, 046 for example. Trace chalcopyrite in pieces with more sericitic rock content. No manganese.	SHZ	410	
Cbr1603051	30-Aug-16	414311	6257833	1835	TM NW	CB-16-051	Quartz-sulphide Vein	Carbonate-manganese	Arsenopyrite	10 cm thick arsenopyrite-quartz vein in outcrop on cliff ledge next to glacier. 50% fine grained arsenopyrite. Foliated lapilli tuff host. Strike 325/-40. Manganese-carbonate alteration.	V1	415	40
Cbr1603052	30-Aug-16	414152	6257782	1825	TM NW	CB-16-052	Quartz-sulphide Vein		Arsenopyrite	35 cm thick arsenopyrite-quartz(-carbonate) vein in outcrop, but poorly exposed. Strong yellow weathering, 025° strike(?), dip uncertain, but probably shallow. 50% arsenopyrite, with host vein stained pale green.	V1	115	

Station	Date	UTM_E	UTM_N	Elev	Area	Sample	Major_Lithology	Alteration	Mineralization	Comments	Struc	Dip_Dir	Dip
Cbr1603053	31-Aug-16	413597	6251758	893	TM SW	CB-16-053	Quartz Monzonite	Chlorite-clay	Chalcocite, chalcopyrite, bornite	Collection of azurite-stained quartz monzonite and quartz vein float pieces found along glacier edge for 50 m from here to east. Many have significant amounts of chalcocite, bornite and chalcopyrite. All are angular fragments to cobbles. Although not very common, there are enough azurite stained pieces within the very large volume of talus and glacial flour to indicate a sizable source of the copper-bearing float, notwithstanding the much greater fraction without mineralization. The float train was followed to the base of a creek 235 m east, where no more copper float was found beyond. In 2007, this float same azurite train was found to continue west for an additional 450 m. The source is suspected to be directly upslope, but possibly as far as 2.2 km (bearing 17° from here) where a 5 cm cobble of pure chalcopyrite-bornite was recovered with adhereing granite (Station CB704). Some float in 2007 was also noted to contain molybdenite and native copper.			
Cbn1603001	24-Aug-16	414788	6253679	1713	TM SW		Quart-carbonate		Chalcopyrite	Quartz-carbonate vein float, angular, with 5 to 10% chalcopyrite.			
AzCcpBoulders	31-Aug-16	413702	6251743		TM SW		Quartz Monzonite		Chalcopyrite, chalcocite	At least two very large quartz monzonite boulders with azurite, chalcopyrite, and chalcocite on surface planes. One is > 2m across, the other is just over 1 m. Copper mineralization is associated with chlorite alteration which penetrates the monzonite to at least 10 cm on the mineralized surfaces. Some additional fracures with chlorite alteration also occur.			
Az002	31-Aug-16	413677	6251735	903	TM SW		Quartz Monzonite		Chalcopyrite, chalcocite, bornite	Location of azurite-stained quartz monzonite float concentration. Float train along glacier edge.			
Az003	31-Aug-16	413850	6251724	940	TM SW		Quartz Monzonite		Chalcopyrite, chalcocite, bornite	Location of azurite-stained quartz monzonite float concentration. Float train along glacier edge.			
Az004	31-Aug-16	413786	6251745	929	TM SW		Quartz Monzonite		Chalcopyrite, chalcocite, bornite	Location of azurite-stained quartz monzonite float concentration. Float train along glacier edge.			
Specimen	31-Aug-16	413728	6251725	911	TM SW		Quartz Monzonite		Chalcopyrite, chalcocite, bornite	Large specimen of azurite-stained quartz-monzonite with chalcopyrite mineralization collected here. Float train along glacier edge.			
CG-ESK-16-R-324		418957	6257364	2678	TM E	CG-ESK-16-R-324							
CG-ESK-16-R-327		419088	6257148	2659	TM E	CG-ESK-16-R-327							
CG-ESK-16-R-328		419079	6257130	2647	TM E	CG-ESK-16-R-328							
CG-ESK-16-R-332		419270	6257026	1755	TM E	CG-ESK-16-R-332				GFJ-type vein			
CG-ESK-16-R-336		419233	6256865	1763	TM E	CG-ESK-16-R-336							
CG-ESK-16-R-344B		418981	6256738	1621	TM E	CG-ESK-16-R-344B							
CG-ESK-16-R-354		419463	6253501	2772	TM E	CG-ESK-16-R-354			pyrrhotite	pyrrhotite-bearing qz cb veining			
CG-ESK-16-R-358		419530	6253420	2786	TM E	CG-ESK-16-R-358			pyrrhotite	pyrrhotite-bearing qz cb veining			
CG-ESK-16-R-359		419561	6253377	2791	TM E	CG-ESK-16-R-359			pyrrhotite	pyrrhotite-bearing qz cb veining			
CG-ESK-16-R-364		419671	6253466	2858	TM E	CG-ESK-16-R-364			pyrrhotite	pyrrhotite-bearing qz cb veining			
CG-ESK-16-R-366		419732	6253440	2870	TM E	CG-ESK-16-R-366			pyrrhotite	pyrrhotite-bearing qz cb veining			
CG-ESK-R-451		420918	6258794	1475	TM E	CG-ESK-R-451							
CG-ESK-R-457B		414122	6257680	1807	TM NW	CG-ESK-R-457B							
CG-ESK-R-460		414134	6257697	1814	TM NW	CG-ESK-R-460							
CG-ESK-R-468		414145	6257711	1823	TM NW	CG-ESK-R-468							
CG-ESK-R-485		414085	6257423	1771	TM NW	CG-ESK-R-485							
CG-ESK-R-490		413975	6257372	1690	TM NW	CG-ESK-R-490							
CG-ESK-R-505		413585	6257605	1549	TM NW	CG-ESK-R-505							