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BC Geological Survey Assessment Report 38087

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)]: Technical; Geological, Geochemical **TOTAL COST:** $ 16421

AUTHOR(S): M. A. Kaufman. Michael S. Cathro **SIGNATURE(S):** M. A. Kaufman

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Not required **YEAR OF WORK:** 2018

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5723459

PROPERTY NAME: Gus

CLAIM NAME(S) (on which the work was done): 504800

COMMODITIES SOUGHT: silver, gold, lead, zinc, copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 19, 62

MINING DIVISION: Nelson **NTS/BCGS:** 82F/3, 82F004

LATITUDE: 49 ° 02 ' 54 " **LONGITUDE:** 117 ° 14 ' 33 " **(at centre of work)**

OWNER(S):

1) Morris A. Kaufman 2)

MAILING ADDRESS:

10805 East 23rd Ave.
Spokane Valley, WA 99206-5677 USA

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

1) M. A. Kaufman 2)

MAILING ADDRESS:

10805 East 23rd Ave.
Spokane Valley, WA 99206-5677 USA

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

Underlain by Paleozoic Laib fm., Nelway fm., and Active fm.; respectively, phyllites, limestones and argillite, intruded by felsic boc bodies. Formations cut by the Black Bluff Thrust Fault and later transverse faults. Nelway limestone altered to dolomite, dolomite breccia and marble. Minor historic production of high-grade silver, gold and base metals from Lone Silver and other mines along the thrust and other faults.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 37219, 36135, 34166, 33328, 27915, 27526, 27249, 26981, 26674, 26408, 25704, 25090, 27408, 24199, 23711, 23438, 22921, 23935, 18364, 11452, 10842

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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	86	504800	1284
Silt			
Rock	11 including hand tool trenching and geology	504800	2401
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	assays	504800	2996
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	Design project, supervision, reports, map prep	504800	9740
		TOTAL COST:	16421

Event No 5723459

Geochemical and Geological Report on the Gus Property, Nelson Mining Division, British Columbia

Effective Date of Completion of Work. Dec. 12, 2018

NTS Map 82F/3 (BCGS Map 82F004)
Gus Mineral Claim (Mineral Title Numbers 504800 and 504804)

Coordinates: 49°02’54”, 117°14’33”

Access: From Hwy 6, approx..3.5 km from Nelway Border Station. Take Rosebud Lake Road. Then take BC Hydro Powerline road approx. .5 km south of Rosebud lake north branch for one km to intersection of forest road. Go ENE on forest road about one km, which takes you to Lone Silver Mine and further to the centre of the property.

Owners/Operators: M. A. Kaufman
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509 924 7710, email dv10@comcast.net

Michael S. Cathro
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Kamloops, BC V2H 0C1
Cell 250-682-7168, email mcathro@shaw.ca

Authors: M. A. Kaufman, Michael S. Cathro

Work Completed: May 17 to Dec. 12, 2018

Supplementary Information

The field work, which consisted of soils and rock sampling and geological mapping, was conducted in stages based on positive results. The first sampling work by contractor, Jack Denny was on June 6 and 7. The second stage of sampling by Denny was on August 15 and 18. And the third stage of hand trenching, rock sampling and geological mapping of the exposed rock by Cathro Resources was done on Oct. 5 and 6.

A total of 92 soils samples and 11 rock samples were taken, and assayed by ALS Assayers, Vancouver.

The assay methods used by ALS were ME-MS-41 for soils and ICP 21for rock samples.

The prep for MS-41 is to dry the samples, then sieving and screening to 180 microns. The analyses of the minus fraction, after digestion in aqua regia in a heating block, is by inductively coupled plasma-atomic emission.

The prep for ICP-21 is to dry, crush and pulverize resulting in a 250 gm sample. The sample is then fused with a mixture if reagents, then inquarted into a bead. The bead is analyzed by inductively coupled plasma atomic emission spectrometry.

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder:	KAUFMAN, MORRIS ARNOLD (113753)	**Submitter:**	KAUFMAN, MORRIS ARNOLD (113753)
Recorded:	2018/DEC/19	**Effective:**	2018/DEC/19
D/E Date:	2018/DEC/19		

Confirmation

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

Event Number: **5723459**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2018/MAY/17
Work Stop Date: 2018/DEC/12
Total Value of Work: $ 16421.00
Mine Permit No: NA

Summary of the work value:

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
504800		2005/JAN/25	2024/NOV/08	2025/NOV/08	365	592.75	$ 11854.98	$ 0.00
504804	Gus 1	2005/JAN/25	2024/JAN/25	2025/JAN/25	366	42.33	$ 846.68	$ 0.00

Financial Summary:

Total applied work value: $ 12701.66

PAC name: M. A. Kaufman
Debited PAC amount: $ 0.0
Credited PAC amount: $ 3,719.34

Total Submission Fees: $ 0.0

Total Paid: **$ 0.0**

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	A	B	C	D
1	Gus 2018 Costs			
2				
3	MAK			
4	May 17-29	1/2 day	plan program	$ 400.00
5	14-Jun	1/2 day	"	$ 400.00
6	18	1/2 day	"	$ 400.00
7	28		data comp, design maps	$ 800.00
8	14-Jul		" "	$ 800.00
9	16	1/2 day	". "	$ 400.00
10	20		data and design maps	$ 800.00
11	30		design maps and sections	$ 800.00
12	30-Aug		new data comp	$ 800.00
13	27-Sep	1/2 day	prep new maps	$ 400.00
14	5-Oct		design new work	$ 800.00
15			travel to Salmo	$ 800.00
16	6-Oct		meet contractor , travel	$ 400.00
17	12-Dec		prep assessment report	$ 800.00
18	Sub Total			$ 8,800.00
19				
20	Mike Cathro			
21	5-Oct		geology, rock sampling	$ 800.00
22	6-Oct		geology, rock sampling	$ 800.00
23	S. Tevendale			
24	5-Oct		rock sampling	$ 200.00
25	Sub Total			$ 1,800.00
26				
27	Contractors			
28	12-Jun	Denny	soils sampling	$ 442.05
29	25-Jun	ALS assays	assays	$ 854.87
30	30-Jul	Reich Drafting	maps	$ 297.50
31	22-Aug	Denny	soils sampling	$ 842.10
32	18-Sep	ALS assays	assays	$ 894.31
33	4-Oct	map. Copies	copies	$ 5.44
34		Reich draftibg	maps and sections	$ 314.50
35	15-Oct	Cathro Resources	hand trenching	$ 601.14
36	25-Oct	ALS Assays	assays	$ 677.83
37		ALS assays	assays	$ 569.03
38	26-Nov	Reich Drafting	revisdd maps and new sections	$ 323.00
39	Sub Total			$ 5,821.77
40				
41	Grand Total			$ 16,421.77

Gus Claim Group, Nelson M. D. 2018 Assessment Report

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Contact Information: M. A. Kaufman Dv10@comcast.net, 509 924 7710
Mike Cathro mcathro@shaw.ca, 250 682 7168

Note. In regard to map posting of 2018 soil and rock samples: The 1cm = 20m Location Sample Map shows locations of all peripheral samples, and the large box outline near the map centre shows the location of the detailed soils and rock sampling. The detailed soils sampling is shown on both a 1cm =10m and a 1cm=5m map, and the rock sampling is shown on a separate 1cm=5m map. Separate 1cm=10m contour maps have been prepared for Au, Ag, Pb, Sb and Zn. In regard to the sections; their locations can be found by referring to the sample numbers on the maps.

Gus Property, Nelson M.D. 2018 Assessment Report

Introduction And Geological Summary

The Gus Property, which is located approximately 15 kilometres south of Salmo within an area of past mining and recent exploration, is contiguous on its north margin with Apex Resources claims containing the historic Jersey Zn-Pb and the Emerald Tungsten mines. The district is tightly staked, but the 6.35 square kilometers Gus ground contains the only old mines south of the Jersey, and would be adequate for operational purposes. The property's potential is for limestone replacement-type and fracture controlled deposits in argillite containing high-grade silver-gold along with base metals, with possibilities for extensive lower-grade bulk tonnage mineralization.

The physiography of the area is characterized by a central, plus .5 kilometre wide, NE trending valley separating north and south upland areas. The valley is covered by deep glacial overburden, while the uplands are covered by alluvium of variable depth with sparse outcrop areas.

The property is located within the Kootenay Arc. Paleozoic sediments, predominantly silty limestones and argillites, are found along the overturned west limb of the extensive, northerly trending southerly plunging Sheep Creek anticline. The anticline has resulted in steep northerly trending folding. It has been traversed by two northeasterly striking, southerly dipping thrust faults, which have resulted in northeasterly trending, overturned folding superimposed on the older folding. And the thrusts are cut by steep dipping, northerly trending transverse faults as well as by northwesterly striking faults and fracture zones. The thrust faults might be imbricate, so that the formations below and above their recognized surface traces might be cut by related fault zones. Just south of the property is a small Tertiary Coryell alkaline stock, and within the south upland, dikes and sills of highly sheared monzonite are seen.

The Gus's old mines and showings, all located in the southern upland area,

have produced small amounts of very high-grade gold-silver ores characterized by fine grained, difficult to see metal sulfides. The Lone Silver Mine, one of the three old producers on the property, has a recorded production of 236 tons averaging .55 opt Au, 126.8 opt Ag, 3.7% Pb, 2.5% Zn and 2.5% Cu, while the Lucky Strike Mine, situated approximately 1.2 kilometres east of the Lone Silver, has produced 61 tons grading 1.29 opt Au and 34 opt Ag. Between the Lone Silver and Lucky Strike mines is the Davne Mine, which produced four tons of 2.75 opt Au and 43 opt Ag, and what we call the East Gold Anomaly where pockets of anomalous gold have been found over an extensive area.

Although production from the mines (almost all pre-World War II) has been minor, there are reasons to believe that larger deposits might be found on the property. The Lone Silver Mine is located on the surface trace of the northeasterly striking, southerly dipping Black Bluff thrust fault, which marks the unconformable contact between the overlying, Middle Cambrian Nelway formation and the underlying, Middle Ordovician Active formation. Upper plate, fine grained tetrahedrite-tennantite/ galena ore occurs in shoots within a more extensive geochemically anomalous dolomite breccia, which itself contains small areas of bulk tonnage grade silver. As well, graphitic zones have been found to contain anomalous silver values. Both the breccia and graphitic zones appear to be alteration features controlled by faulting. Lower plate mineralization is associated with zones of quartz veinlets in argillite. The Black Bluff fault trace is almost totally buried by deep overburden, its only exposure on the whole property being a very small window at the Lone Silver Mine. Only one hole has ever been drilled along the fault trace, which extends for several kilometres on the property, and it was lost before reaching bedrock. Moreover, the Lone Silver workings are shallow, and the fault remains to be tested down dip. Particular attention should be paid to intersections of northerly trending transverse faults with the Black Bluff fault.

In regard to the Lucky Strike mine; it is controlled by a narrow fracture zone roughly following Lower Cambrian Laib formation phyllites. It was mined by hand tooled trenches in 1938 over a length of about 30 metres to a total depth of six metres, and has never been tested deeper.

In regard to the East Gold anomaly; because of the fine- grained nature of the mineralization, it is almost invisible, and would not have been noticed but for a soils geochemical line that crossed it. It has been tested by one drill hole, which intersected four separate weakly to strongly anomalous gold zones, three of them from 3.5 to +5 metres thick. The best assay was 2.1 ppm Au over one metre. The anomalous zones appear to be in highly sheared Nelway silty limestone cut by dikes and sills of monzonite(?).

Roughly 360 metres southwest of the Lone Silver workings is an extensive area which we call the West Geochemical Anomaly, where soils are anomalous in lead, silver, antimony and zinc with sporadic elevated gold. As the anomaly's north margin terminates into deep overburden of the Central Valley, it might extend further north where the Black Bluff fault trace is buried.

Recently, we have carried out geochemical soils sampling in the northern upland area. This work has delineated extensive zinc-silver anomalies, which might indicate underlying Active formation sediments enriched in these elements.

It should be noted that much of the property geology seen on our maps has been extracted from old government reports. Most of the claim area is covered by glacial overburden, and it is likely that the structural geology is far more complex than indicated, particularly the effects of strike slip movement along northerly trending transverse faults.

Our geological information is mostly from sketchy historic mapping done in the Lone Silver workings, and from excavator pits we dug in the Saddle Area. The underground mapping, though simplified, indicates what must be extremely complex structural geology. The most useful information we can take from it is the presence of numerous faults, mostly east-west or northeast striking with variable dips, but predominantly moderate to steep south. These faults are mostly sympathetic in direction with the Black Bluff fault. The mappers also mentioned transverse faulting, which Adits 1 and 3 follow. Study of air photos of the area also suggest transverse faulting in the Lone Silver Mine area. Adit 3

indicates argillite extending from its portal far more southerly from where we think the fault contact between Active and Nelway formations is expected. Though none of our excavator pits in the Saddle reached bedrock, the boulders dug up were predominantly argillite, which appear to be Active Formation; again, further extent to the south of the Active Formation argillite than what might be expected. And between the argillite found in Adit 3 and The Saddle are outcrops of Nelway Formation dolomite. This phenomenon can best be explained by transverse faulting with strike slip displacement.

2018 Work

Soils Sampling

Aside from a few peripheral soils samples in the Saddle Area and south of the West Geochemical anomaly, our 2018 work has consisted of detailed follow-up soils sampling in the West Geochemical Anomaly and limited hand trenching for bedrock samples. Corona Corp. 1988 sampling incorporating NW-SE lines spaced 100m apart with 25m sample intervals here detected an extensive lead anomaly, but little in the way of silver. Similar results were found in our 1998 survey, which also was based on 100m spaced lines, but a few high silver assays were detected. During 2017 an EM survey detected Conductor B within the West Geochem. Anomaly and a few anomalous soils samples were found.

First; a brief preliminary study of past work established average soils values for Ag (.43 ppm), Pb (29 ppm), Sb (1.1 ppm) and Zn (190 ppm). The averages were from 197 samples all from highland areas. The Ag and Pb values might be upward skewed as both Ah and conventional C horizon samples were in the mix. If valley areas are considered, average values are considerably lower, except for Zn.

The 2018 soils sampling has delineated a large area (150m NE-SW by 100m NW-SE, and open to the south and west) containing above background Ag-Pb- Sb with lesser areas high in Zn, and sporadic weakly anomalous Au. Within the larger area is a zone roughly 130m NE-SW by 90m across containing +100 ppm Pb with accompanying Sb. And within

this area is a zone roughly 100m NE-SW by 20 to 30m wide containing highly anomalous Ag. The higher- grade Ag-Pb-Sb zone appears open to the SW and possibly to the SE. Its width is likely exaggerated to some degree by downslope soil creep.

The soils anomaly is found on a steep to moderate north slope gradually transitioning to a more gentle slope as it approaches the central valley. Overburden is shallow on the upper, steep slope, and probably progressively deepens as you move northward toward the valley. The anomaly dissipates northward as the lower slope is reached. However, the old Corona survey indicates sporadic anomalous Zn along with erratic Ag and Au about 100m to the NW of our 2018 sampling. These anomalous values, which overly deep overburden, appear to have a NE-SW trend, and are close to the projected buried leading edge of the Black Bluff thrust fault.

Rock Sampling

Gus Soils and Hand Trenching Work
October 2018

By Mike Cathro, MSc, PGeo

Work Completed

On October 5th and 6th, 2018, a crew led by Mike Cathro (S. Tevendale on Oct 5th, and C. Cathro and W. Van Camp on October 6th) conducted hand trenching and soil sampling on the West Geochem Anomaly on the Gus claims, roughly 1 km SE of Rosebud Lake. The target area is approximately 250 m WSW of the Lone Silver mine workings, and thought to be underlain by the same host rocks, that is, carbonates of the Nelway Formation in the hanging wall of the Black Bluff Fault.

The work was designed to follow-up on highly anomalous values for Ag, Pb, Sb and Zn returned from sampling in mid-2017 and June 2018.

Terrain in the area is quite steep with roughly 30 to 35 degree slopes, covered in mixed conifer and deciduous forest.

G7 Trenches

Two trenches were dug several metres uphill and to the south of soil sample G7 which had returned values of 51.4 ppm Ag, 2290 Pb, 104 ppm Sb and 1060 Zn. The trenching identified the presence of poorly bedded, white, buff to grey weathering carbonate interpreted to be the Nelway Formation. The trenches are 2-3 m in length and reached good bedrock at depths of 30 to 60 cm. The carbonate strikes at 070 degrees and dips at 30 to 40 degrees to the south. Locally the carbonate is cut by irregular calcite veins with lesser quartz and very rare iron oxide, pyrite, and galena. The veins locally have a preferred orientation of 150/60E. Minor copper stain and very fine-grained grey metallic grains are also associated with the galena and are suggestive of the presence of tetrahedrite or other silver-bearing sulphosalt minerals. Galena occurs as disseminated grains or patches to 5 by 15 mm within the cal-quartz vein zones, but rarely makes up more than 2-3% of the rock mass.

A total of 8 grab samples and a single random chip sample (GR18-01 to 09) were collected from outcrop in the G7 trenches. The chip sample (GR18-08) was collected across the dip of the carbonate over an approximate true width of 3 m.

G44 Trench

A single trench was dug approximately 30 m further west of the G7 trenches, and extended for approximately 6 m from just uphill of soil sample G44 nearly to soil sample G30. Soil sample G44 had previously returned 33.9 ppm Ag, 1690 ppm Pb, 47 ppm Sb and 1580 ppm Zn. Trench G44 also exposed bedrock at 30 to 6o cm below surface, comprising a similar buff to grey weathering carbonate rock with local zones of calcite veining and trace galena and copper stain. Bedding strikes 070 and dips at approximately 40 to 50 degrees to the south.

One chip sample (GR18-10) and one grab sample (GR18-11) were collected from outcrop in Trench G44. The chip sample was approximately 6 m in length and extended the full exposure of bedrock in trench, which was oriented down the slope and roughly perpendicular to bedding.

Soil Sampling

Two additional lines of detailed soil samples were collected approximately 30 and 60 m further to the west, in an attempt to extend the Ag-Pb-Sb-Zn anomalies further along its WSW (070) trend.

The lines were laid out on lines with an azimuth of 340 and beginning higher on the hill than projected trend, with samples collected at roughly 10 m spacing downhill and perpendicular to the expected zone.

Samples were taken at 30 cm depth from the B horizon using a pick.

Results

Grab samples GR18-07 and 09 in Trench G7 returned anomalous values with 53.5 and 31.7 g/t Ag, and 4750 and 1865 ppm Pb respectively.

Grab sample GR18-11 in Trench G44 also returned weakly anomalous values with 10.6 g/t Ag and 1930 Pb.

Soil sampling extended the West Geochem Anomaly a further 60 m to the west where it is still open. Ag values on the line 30 m to the west were weakly anomalous, ranging from 1.15 to 4.36 ppm Ag over a width of approximately 50 m (samples G60-64). For the westernmost line, a further 30 m to the west, the anomaly appears to be getting stronger and wider, with values ranging up to 10.85 ppm Ag in six contiguous samples (~60 m width). The anomaly is open in that direction. In addition, the anomaly may also be open uphill and to the south of samples G60 and G72 (2.36 ppm and 1.05 ppm Ag respectively), which are the highest samples on those lines and still weakly anomalous. On both lines, the Ag values are also associated with coincident weak to moderate Pb, Sb and Zn values.

Recommendations

Additional hand trenching and detailed prospecting should be completed in the West Geochem Anomaly area, focusing on the soil samples with the highest Ag-

Pb-Sb-Zn values. Depth to bedrock is less than 1 m where tested. The goal would be to find areas with higher content of galena/tetrahedrite mineralization.

Geological mapping should be completed to help define stratigraphic or structural controls for mineralization, such as cross faults or fold noses.

Additional soil sampling should be competed both above and below the recent soil lines, and further along strike to the west. A spacing of 20 m samples on lines 25 m to 50 m apart is suggested. Lines should be at 340 degree azimuth. Lines should be long enough to cross the Black Bluff fault to the north, where the slope is less steep and where soil is likely to be deeper, and to test for possible stacked zones of mineralization in the Nelway carbonates.

Discussion and Recommendations

The 2018 work has delineated an extensive Ag-Pb-Sb-Zn soils anomaly with sporadic elevated Au, beginning approximately 350 metres SW of the westernmost Lone Silver Mine workings. Limited hand trenching near some of the higher anomalous areas has reached bedrock and validated the soils results. The bedrock encountered is altered Nelway limestone, which appears brecciated in places, and is cut by northerly striking, steep dipping mineralized carbonate – quartz veinlets across the formational bedding, which is 70 degrees with 30 to 45 degrees southerly dip. The trend of the anomaly is predominantly NE-SW, but there is a northerly bulge in its strongest section. The recently discovered portion of the anomaly terminates downslope, but 100 m further downslope, the old Corona survey indicates an anomalous Zn zone with sporadic Ag and Au on the gentle lower slope over deep cover, following the buried trend of the leading edge of the Black Bluff fault. The main portion of the West Geochem. anomaly is in the hanging wall of the Black Bluff fault, but the lower portion might be along the leading edge of the fault or in its footwall.

Our 2017 MaxMin EM survey discovered what we call Conductor B, which projects into our 2018 soils anomaly somewhere between anomalous soils samples G 18-6 and 7. We believe that the 2017 conductors are likely caused by high carbonaceous zones which might contain disseminated metal sulfides. Our

limited rock sampling, which was only undertaken near high samples and not oriented toward the projected conductor, did not uncover any rock that would apparently be highly conductive. Geophysicist, Lou O' Connor's 2017 reinterpretation of old government surveys indicated a large area of enhanced conductivity roughly coincident with the West Geochem. Soils anomaly.

Unfortunately, because of total alluvial cover over this soils anomaly, we can do little to decipher the geology. For the same reason, and because the workings are inaccessible, the only geology we know at the Lone Silver mine is based on a few outcrops and maps of the old workings. We do know that the mined shoots were found on or close to the leading edge of the Black Bluff thrust in both hanging wall Nelway limestone and footwall Active Formation argillite. Old mapping of the adits suggests that they followed steep dipping transverse shearing crossing the general strike of the limestone and the Black Bluff thrust. In the western workings the thrust appears to be dipping gently southerly, but in other areas on the property, it might be steeper south dipping, more resembling a reverse fault than a thrust. The Lone Silver upper plate, high-grade ore shoots appear to align in the direction of the thrust strike, and occur in pockets within dolomite breccia, which also carries anomalous mineralization. The footwall shoots were in quartz-bearing fracture zones in argillite. The thrust fault within the workings has been described as a chaotic zone of fractures in myriad directions. The mineralogy at Lone Silver and other showings on the property is characterized by galena, tedrahedrite-tennantite and sphalerite. At Lone Silver, pyrite is minor in the hanging wall ore shoots, and more abundant in the footwall. Two Corona soils lines 100m apart, which roughly straddled the Lone Silver workings failed to find any high assays. A small Ag-Au-Pb showing, probably controlled by steep bedding plane fracturing, represents the topographically highest showing in the mine area. Outside of this, soils sampling and bedrock exposures are non-anomalous, probably because the horizontal adits were driven into steep north slope, and the predominant controlling ore structure is south dipping.

Whereas the Lone Silver Mine productive zones are on the thrust, or a short distance above it, the stronger portions of the West Gold Geochem. Anomaly are at least 100m vertically above it, and very likely more, depending on its dip in this

area, while the lower Corona anomaly appears to overly an area near the toe of the thrust.

From our very limited look at bedrock, the Nelway limestone strikes NE-SW and dips moderately south. It would not be surprising if the formations might be overturned northward. No matter though, there is probably a thick section of limestone underlying the strong portion of the soils anomaly, and the anomaly could represent leakage from a deeper source related to the underlying thrust. Although further sampling should be done, there is sufficient evidence to encourage drilling of steep northwest trending or vertical holes to depth test under the strong part of the anomaly near soils sample G 18-7. As well, drilling should be considered to test the area along the projected thrust near the old Corona Zn anomaly, if we can corroborate their work.

In our 2017 assessment report we cited a number of drill targets on the property. This one appears to be the most compelling.

M. A. Kaufman

M. S. Cathro

	A	B	C
1	Gus 2018 Soil Sample Locations. All samples C horizon		
2			
3	Sample No.	Zone 11 NAD 83	El m
4	600W Sta 150S	5432625N,481076E	897
5	600W Sta 170S	5432606N, "	907
6	600W Sta 190S	5432590N, "	917
7	600W Sta 210S	5432576N, "	929
8	600W Sta 230S	5432566N, "	940
9	600W Sta 250S	5432547N, 481076E	953
10			
11	G-1	5432530N,481081E	967
12	G-2	5432557N,481070E	945
13	G-3	5432569N,481064E	933
14	G-4	5432582N,481056E	924
15	G-5	5432603N,481044E	913
16			
17	G-6	5432532N,481032E	966
18	G-7	5432504N,481038E	980
19	G-8	5432491N,481044E	995
20	G-9	5432479N,481049E	1005
21	G-10	5432461N,481057E	1013
22	G-11	5432550N,481025E	954
23	G-12	5432562N,481020E	942
24	G-13	5432575N,481009E	932
25	G-14	5432579N,481108E	963
26	G-15	5432551N,481127E	976
27	G-16	5432520N,481134E	985
28	G-17	5432504N,481138E	997
29	G-18	5432571N, 481111E	955
30	G-19	5432590N,481108E	942
31	G-20	5432606N,481098E	931
32	G-21	5432621N,481090E	922
33	G-22	5432779N,481569E	909
34	G-23	5432754N,481570E	913
35	G-24	5432727N,481562E	918
36			
37	100S, 150W	100S, 150W	
38	100S, 175W	100S, 175W	
39	160S, 300W	5432515N, 481010E	
40	G-7	5432504N,481038E	980
41	G-25	10m Az 65 from G-7	
42	G-26	20m Az 65 from G-7	
43	G-27	30m Az 65 from G-7	
44	G-27	5432532N, 481070E	

	A	B	C
45	G-28	10m Az 245 from G-7	
46	G-29	20m Az 245 from G-7	
47	G-30	30m Az245 from G-7	
48	G-30	5432494N,481008E	
49	G-31	10m Az 155 from G-7	
50	G-32	10m Az 355 from G-7	
51	G-6	5432532N,481032E	966
52	G-33	10m Az 335 from G-6	
53	G-34	20m Az155 from G-27	984
54	G-35	10m Az 155 from G-27	978
55	G-36	10m Az 335 from G-27	967
56	G-37	20m Az 335 from G-27	964
57	G-38	45m Az335 from G-27	948
58	G-39	70m Az335 from G-27	935
59	G-40	95m Az 335 from G-27	919
60	G-41	120m Az 335 from G-27	908
61	G-42	20m Az 155 from G-30	997
62	G-43	10m Az 155 from G-30	994
63	G-44	10m Az 335 from G-30	974
64	G-45	20m Az 335 from G-30	967
65	G-46	45m Az335 from G-30	958
66	G-47	70m Az335 from G-20	941
67	G-48	95m Az335 from G-30	927
68	G-49	120m Az 335 from G-30	911
69	G-50	145m Az 335 from G-30	900
70	G-51	5432303N,481076E	1100
71	G-52	20m Az155 from G-51	
72	G-53	40m Az155 from G-51	
73			
74	G60	480975E, 5432478N	
75	G61	4809*75E* , 5432478N	986
76	G62	480973E, 5432486N	975
77	G63	480969E, 5432493N	968
78	G64	480968E, 5432502N	964
79	G65	480962E, 5432525N	940
80	G66	480961E 5432545N	921
81	G67	480948E 5432566N	905
82	G68	480934E, 5432587N	893
83	G69	480927E, 5432610N	885
84	G70	480921E, 5432624N	873
85	G71	480911E, 5432646N	863
86	G72	480952E, 5432453N	1003
87	G73	480951E, 5432466N	998
88	G74	480946E, 5432472N	992

	A	B	C
89	G75	480942E, 5432480N	985
90	G76	480942E, 5432486N	978
91	G77	480939E, 5432493N	970
92	G78	480940E, 5432508N	956
93	G79	480934E, 5432525N	944
94	G80	480927E, 5432550N	920
95	G81	480900E, 5432568N	901
96	G82	480887E, 5432587N	885
97	G83	480877E, 5432617N	861
98			
99	Line 400W Elevation Profile		
100	Station		El m
101	road Sta 30N	481277E	894
102	25N	"	896
103	0	"	902
104	25S	"	912
105	50S	"	923
106	75S	"	936
107	100S	"	950
108	125S	481277E, 5432668N	961
109	150S	481277E	971
110			
111	Note: Closely spaced samples were measured by chain from sample stations with GPS locations.		
112	No GPS locations are given for these samples because of accuracy limitations of GPS.		
113	Re Samples 100S, 150W and 100S, 175W; refer to ! Cm = 5m Sample Map Line grid for location.		
114	GPS not operative at time of survey.		

	A	B	C	D
1	Gus Rock Locations			
2	Sample	NAD 83 Zone 11		Elev (m)
3		Easting	Northing	
4	GR18-01	481039	5432499	979
5	GR18-02	481039	5432499	979
6	GR18-03	481039	5432499	979
7	GR18-04	481039	5432499	979
8	GR18-05	481039	5432499	979
9	GR18-06	481039	5432499	979
10	GR18-07	481039	5432499	979
11	GR18-08	481001	5432497	972
12	GR18-09	481002	5432511	972
13	GR18-10	481001	5432497	972
14	GR18-11	481002	5432511	972

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To: **M.A. KAUFMAN**
10805 EAST 23RD AVE
SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-JUN-2018
Account: MAKAUF

CERTIFICATE KL18140415

Project: Gus

This report is for 30 Soil samples submitted to our lab in Kamloops, BC, Canada on 13-JUN-2018.

The following have access to data associated with this certificate:

MIKE CATHRO	M.A. KAUFMAN	

SAMPLE PREPARATION

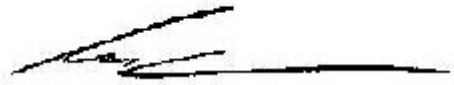
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	Ultra Trace Aqua Regia ICP-MS

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25-JUN-2018
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Project: Gus

CERTIFICATE OF ANALYSIS KL18140415

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
L600W 250S		0.22	0.16	2.41	6.1	<0.02	<10	290	0.77	0.69	0.55	0.89	34.0	10.2	31	2.63
L600W 230S		0.26	0.23	2.65	7.2	<0.02	<10	240	0.86	0.59	0.50	0.46	37.4	9.8	29	1.99
L600W 210S		0.26	22.7	2.63	26.8	0.41	<10	220	1.09	0.49	2.93	8.46	35.5	10.3	27	1.79
L600W 190S		0.27	0.60	2.43	7.9	<0.02	<10	250	0.72	0.37	0.46	2.06	30.5	8.4	23	2.01
L600W 170S		0.20	0.26	1.62	5.8	<0.02	<10	260	0.48	0.32	0.27	1.53	27.7	7.4	19	1.32
L600W 150S		0.33	0.28	2.31	6.2	<0.02	<10	290	0.61	0.42	0.23	0.55	34.0	7.9	24	2.03
G-1		0.27	1.18	2.92	8.8	<0.02	<10	230	1.07	0.65	3.36	1.35	42.8	10.8	30	2.26
G-2		0.21	0.25	2.98	7.1	<0.02	<10	250	0.86	0.46	0.45	0.64	38.9	10.1	26	2.23
G-3		0.22	0.23	2.69	8.2	<0.02	<10	350	0.84	0.46	0.61	1.16	33.0	10.3	27	2.12
G-4		0.30	0.48	1.40	5.9	<0.02	<10	130	0.37	0.20	0.31	0.94	26.9	7.2	21	1.56
G-5		0.29	0.86	2.17	6.0	<0.02	<10	170	0.51	0.28	0.20	1.37	33.1	7.6	21	1.81
G-6		0.21	6.94	2.63	9.2	0.02	<10	270	0.88	0.41	0.66	3.90	31.0	7.3	20	2.13
G-7		0.16	51.4	1.28	30.0	0.04	10	160	0.74	0.20	7.30	10.45	20.4	5.2	11	0.68
G-8		0.22	1.05	3.53	6.9	<0.02	<10	210	1.00	0.35	0.43	1.07	45.6	8.3	18	1.90
G-9		0.25	0.37	2.36	6.3	<0.02	<10	310	0.69	0.29	0.50	0.50	32.8	8.1	16	1.84
G-10		0.23	0.20	2.76	8.0	<0.02	<10	390	0.87	0.24	0.34	0.83	44.8	14.5	27	4.30
G-11		0.24	1.22	3.42	7.9	<0.02	<10	200	1.18	0.39	1.11	1.59	43.2	9.3	23	1.90
G-12		0.22	1.01	3.57	8.3	<0.02	<10	240	1.03	0.32	0.75	2.68	38.8	7.3	17	2.14
G-13		0.22	0.76	2.44	5.7	<0.02	<10	300	0.70	0.37	0.62	2.26	32.2	8.6	27	2.27
G-14		0.24	0.23	1.39	11.4	<0.02	<10	180	0.59	0.60	0.25	0.62	29.4	8.3	28	1.56
G-15		0.34	0.14	1.18	7.9	<0.02	<10	150	0.52	0.64	0.31	0.39	37.0	7.4	29	1.66
G-16		0.31	0.09	1.03	7.8	<0.02	<10	130	0.43	0.70	0.35	0.41	35.9	8.3	28	1.61
G-17		0.28	0.13	1.14	7.4	<0.02	<10	160	0.52	0.82	0.32	0.65	30.4	8.0	30	1.79
G-18		0.32	0.22	2.33	7.1	<0.02	<10	250	0.87	0.36	0.35	0.74	34.6	7.6	24	1.83
G-19		0.17	0.29	1.93	8.9	<0.02	<10	220	0.99	0.70	2.84	2.03	27.6	7.6	26	1.68
G-20		0.30	0.14	1.87	8.7	<0.02	<10	190	0.78	0.93	0.37	0.56	37.5	9.4	34	1.67
G-21		0.48	0.14	1.44	8.0	<0.02	<10	160	0.62	0.74	0.39	0.52	36.9	9.1	32	1.78
G-22		0.30	0.19	3.00	16.8	<0.02	<10	170	0.85	0.43	0.25	0.59	30.5	7.5	25	2.29
G-23		0.30	0.28	3.51	21.0	<0.02	<10	210	1.00	0.50	0.20	0.60	44.7	8.8	29	2.15
G-24		0.27	0.53	3.13	12.8	<0.02	<10	240	1.06	0.66	0.31	0.76	29.6	7.8	30	2.59

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

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SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-JUN-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18140415

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	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
	LOD	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
L600W 250S		17.3	2.44	6.71	<0.05	0.05	0.03	0.055	0.18	15.7	20.1	0.57	1460	1.44	0.02	2.09
L600W 230S		27.7	2.52	7.59	<0.05	0.19	0.03	0.027	0.16	18.4	19.0	0.55	326	1.97	0.02	2.15
L600W 210S		145.5	3.12	7.28	0.05	0.19	0.26	0.134	0.17	18.0	18.7	2.15	1020	2.47	0.02	1.88
L600W 190S		26.8	2.32	6.64	<0.05	0.08	0.03	0.055	0.17	12.2	16.8	0.51	569	1.34	0.02	1.91
L600W 170S		23.5	1.80	4.59	<0.05	0.04	0.02	0.023	0.16	12.8	12.4	0.37	745	1.43	0.02	1.35
L600W 150S		15.7	1.91	6.61	<0.05	0.06	0.01	0.031	0.17	14.6	17.7	0.35	325	0.95	0.02	1.95
G-1		23.3	2.90	7.75	0.06	0.19	0.08	0.035	0.16	22.0	23.8	2.27	739	1.59	0.02	2.83
G-2		21.1	2.72	7.79	0.05	0.22	0.03	0.028	0.16	18.3	19.6	0.52	417	1.77	0.02	2.30
G-3		21.2	2.90	7.07	<0.05	0.12	0.03	0.037	0.19	14.7	17.9	0.58	1710	1.45	0.02	2.12
G-4		31.5	1.77	4.24	<0.05	0.06	0.02	0.021	0.17	13.5	13.5	0.62	197	1.82	0.01	1.32
G-5		27.9	1.75	6.05	<0.05	0.19	0.04	0.020	0.17	14.3	15.1	0.43	162	1.03	0.02	1.87
G-6		32.3	2.48	6.37	0.05	0.18	0.04	0.216	0.12	13.0	14.7	0.46	1260	1.46	0.03	2.22
G-7		143.0	2.20	2.97	<0.05	0.06	0.31	0.085	0.06	10.7	5.5	3.70	2040	4.47	0.02	0.92
G-8		24.1	2.22	8.06	0.06	0.42	0.04	0.039	0.08	19.1	17.5	0.38	335	2.73	0.03	2.78
G-9		21.3	2.08	5.96	<0.05	0.15	0.02	0.034	0.11	11.0	15.9	0.42	507	2.42	0.02	1.85
G-10		34.9	2.99	7.39	0.06	0.22	0.05	0.037	0.18	15.5	17.2	0.84	563	3.10	0.02	2.83
G-11		31.0	2.93	7.82	0.06	0.35	0.04	0.071	0.12	22.9	19.0	0.66	528	2.27	0.03	2.67
G-12		19.2	2.84	7.94	0.06	0.30	0.03	0.061	0.10	16.9	14.3	0.43	889	1.24	0.03	2.52
G-13		16.0	2.24	6.95	<0.05	0.10	0.03	0.031	0.19	16.1	17.5	0.58	860	1.17	0.02	2.18
G-14		20.5	1.90	4.46	0.05	0.03	0.01	0.027	0.15	14.1	19.4	0.47	382	1.32	0.02	1.60
G-15		18.6	1.84	3.68	0.06	0.02	0.01	0.017	0.17	19.3	17.6	0.48	318	1.17	0.02	1.45
G-16		16.2	1.81	3.43	0.06	<0.02	0.02	0.020	0.18	17.8	15.4	0.42	307	1.20	0.02	1.37
G-17		16.1	1.88	3.76	0.05	<0.02	0.02	0.040	0.20	15.4	16.7	0.42	465	0.99	0.02	1.49
G-18		18.7	2.10	6.10	<0.05	0.13	0.03	0.026	0.15	16.3	21.1	0.50	290	1.46	0.02	1.45
G-19		18.0	2.11	4.94	0.05	0.04	0.07	0.113	0.16	14.3	18.6	1.74	924	1.12	0.02	1.38
G-20		22.5	2.34	5.13	0.05	0.07	0.03	0.033	0.19	19.1	19.7	0.60	320	1.24	0.02	1.74
G-21		23.0	2.15	4.13	0.06	0.04	0.02	0.023	0.21	19.5	16.0	0.57	356	1.34	0.02	1.52
G-22		11.9	2.28	7.20	<0.05	0.17	0.04	0.033	0.11	10.2	30.8	0.35	365	0.77	0.02	2.31
G-23		16.9	2.46	7.79	<0.05	0.31	0.04	0.031	0.11	10.4	48.0	0.38	248	0.75	0.02	2.31
G-24		21.3	2.50	8.36	<0.05	0.10	0.05	0.033	0.15	11.5	40.4	0.35	451	0.91	0.02	2.17

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
L600W 250S		44.0	870	51.4	36.2	<0.001	<0.01	1.32	3.1	0.5	0.8	16.7	<0.01	0.05	2.1	0.086
L600W 230S		33.6	1300	34.9	22.6	<0.001	<0.01	1.73	3.7	0.2	0.8	16.9	<0.01	0.03	5.1	0.095
L600W 210S		33.9	3830	829	23.2	0.001	0.01	46.7	4.0	0.8	19.7	30.6	<0.01	0.05	4.3	0.084
L600W 190S		31.1	3280	162.5	29.9	<0.001	0.01	2.74	2.9	0.2	2.8	18.4	<0.01	0.03	3.0	0.092
L600W 170S		24.8	1520	35.9	19.8	<0.001	<0.01	1.10	2.1	<0.2	1.0	16.4	<0.01	0.03	2.0	0.059
L600W 150S		30.7	2540	28.5	20.2	0.001	<0.01	0.66	2.8	<0.2	0.8	18.2	0.01	0.04	2.6	0.079
G-1		42.3	1300	116.5	25.7	0.002	0.02	2.90	4.3	0.3	1.0	20.0	0.01	0.04	3.5	0.089
G-2		35.3	1870	41.7	26.7	0.001	0.01	1.45	4.1	0.5	0.9	15.1	0.01	0.03	4.6	0.105
G-3		35.6	2670	66.2	31.2	<0.001	<0.01	2.70	3.5	<0.2	1.0	18.1	0.01	0.05	3.5	0.094
G-4		26.6	1440	17.0	21.7	0.001	<0.01	1.78	1.9	0.9	0.4	14.1	<0.01	0.04	3.9	0.066
G-5		33.3	1550	17.1	20.0	<0.001	<0.01	0.80	2.5	<0.2	0.6	17.3	0.01	0.03	4.3	0.084
G-6		25.4	2100	1150	24.9	<0.001	<0.01	19.30	3.3	0.2	6.0	19.9	0.01	0.04	3.3	0.108
G-7		15.8	2050	2290	8.2	<0.001	0.08	104.5	1.0	0.9	19.1	28.4	<0.01	0.06	0.4	0.031
G-8		28.6	1790	89.8	16.1	<0.001	0.01	5.32	4.3	0.2	1.4	21.3	0.02	0.03	3.8	0.126
G-9		36.8	3590	31.9	22.3	<0.001	<0.01	2.07	2.9	0.4	0.8	23.3	0.02	0.03	3.1	0.098
G-10		51.7	1470	19.8	38.2	0.001	<0.01	0.95	4.9	<0.2	0.8	27.8	0.01	0.04	4.3	0.172
G-11		31.3	2840	254	19.7	0.001	0.01	5.47	4.9	0.5	1.6	20.0	0.02	0.07	4.9	0.125
G-12		21.8	3360	294	18.5	<0.001	0.01	6.82	4.2	<0.2	2.0	21.6	0.02	0.03	3.8	0.140
G-13		30.3	2080	118.5	29.3	0.001	<0.01	1.69	3.3	0.3	1.0	17.1	<0.01	0.03	4.4	0.087
G-14		28.1	1030	30.3	18.7	<0.001	0.01	1.56	2.3	0.2	0.5	14.2	<0.01	0.05	3.0	0.065
G-15		25.6	1050	15.6	18.7	<0.001	<0.01	1.01	2.4	0.3	0.3	16.0	<0.01	0.03	4.0	0.062
G-16		22.8	1150	14.5	15.9	<0.001	<0.01	0.92	2.1	<0.2	0.3	17.3	<0.01	0.04	3.5	0.058
G-17		23.5	1040	21.2	18.5	<0.001	<0.01	0.94	2.2	0.2	0.4	16.9	<0.01	0.03	3.2	0.058
G-18		33.7	1630	26.3	19.8	<0.001	0.01	1.52	3.0	<0.2	0.7	17.9	<0.01	0.03	3.4	0.078
G-19		26.1	2370	63.9	18.7	<0.001	0.03	3.84	2.3	0.3	0.8	25.2	<0.01	0.06	1.2	0.062
G-20		30.9	1080	28.4	19.3	<0.001	<0.01	1.49	3.2	0.2	0.8	14.0	<0.01	0.04	4.3	0.074
G-21		27.4	770	22.5	20.4	<0.001	0.01	1.27	2.9	0.2	0.4	11.9	<0.01	0.04	4.6	0.073
G-22		27.4	2070	13.8	15.6	<0.001	<0.01	0.43	2.6	0.2	0.7	17.4	0.02	0.02	3.5	0.115
G-23		30.6	1620	14.7	16.1	<0.001	<0.01	0.45	2.9	0.2	0.8	16.1	0.01	0.03	4.6	0.122
G-24		30.4	3390	16.5	16.7	<0.001	0.01	0.44	3.1	0.3	0.9	18.8	0.01	0.03	3.6	0.116

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

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To: **M.A. KAUFMAN**
10805 EAST 23RD AVE
SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-JUN-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18140415

Sample Description	Method / Analyte / Units / LOD	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
L600W 250S		0.33	0.62	45	0.93	7.67	245	2.0
L600W 230S		0.26	1.01	52	0.88	12.80	145	9.9
L600W 210S		0.29	1.26	91	2.29	19.40	1260	10.8
L600W 190S		0.23	0.73	47	0.82	7.09	450	4.4
L600W 170S		0.16	0.69	41	0.50	5.77	278	1.8
L600W 150S		0.18	0.72	39	0.68	6.93	203	3.2
G-1		0.30	0.86	56	1.55	18.20	273	8.9
G-2		0.33	0.90	55	0.66	11.50	178	12.2
G-3		0.35	0.65	61	0.61	9.74	191	5.5
G-4		0.21	0.72	57	0.35	3.68	232	2.4
G-5		0.21	0.90	53	0.49	7.34	257	10.6
G-6		0.26	0.71	41	0.53	8.48	1180	8.7
G-7		0.18	1.41	41	0.79	10.25	1060	2.1
G-8		0.29	1.16	41	0.81	17.35	284	26.7
G-9		0.29	1.06	44	0.32	8.94	206	8.5
G-10		0.39	1.37	64	0.23	13.40	149	13.1
G-11		0.32	1.07	55	0.49	22.1	485	19.9
G-12		0.23	0.99	46	0.44	14.95	593	18.8
G-13		0.28	0.58	44	0.45	7.53	419	5.6
G-14		0.15	0.57	40	1.03	3.58	127	1.0
G-15		0.16	0.78	35	1.25	6.28	99	0.6
G-16		0.14	0.71	34	1.76	4.73	80	<0.5
G-17		0.15	0.59	36	2.43	3.92	102	<0.5
G-18		0.22	0.77	60	0.69	9.13	248	6.0
G-19		0.18	0.72	43	1.63	8.94	272	1.7
G-20		0.18	0.82	47	1.98	9.07	156	2.7
G-21		0.18	0.77	42	1.19	8.18	116	1.7
G-22		0.14	1.61	39	0.73	3.14	197	7.6
G-23		0.15	1.27	43	1.09	3.79	163	15.7
G-24		0.18	1.58	43	1.12	4.89	225	5.7

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USA

Finalized Date: 25-JUN-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18140415

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS41

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To: **M.A. KAUFMAN**
10805 EAST 23RD AVE
SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 18-SEP-2018
Account: MAKAUF

CERTIFICATE KL18206197

Project: GUS

This report is for 32 Soil samples submitted to our lab in Kamloops, BC, Canada on 22-AUG-2018.

The following have access to data associated with this certificate:

MIKE CATHRO	M.A. KAUFMAN	

SAMPLE PREPARATION

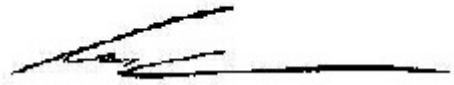
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	Ultra Trace Aqua Regia ICP-MS

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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USA

Finalized Date: 18-SEP-2018
Account: MAKAUF

Project: GUS

CERTIFICATE OF ANALYSIS KL18206197

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
100S 150W		0.32	6.90	1.80	11.5	0.02	<10	170	0.63	0.20	10.20	4.44	24.5	6.1	18	1.00
100S 175W		0.41	0.72	1.87	9.0	<0.02	<10	190	0.61	0.42	1.18	0.89	35.6	9.7	30	1.75
100S 300W		0.30	3.55	2.63	13.4	<0.02	<10	180	0.86	0.34	3.61	1.62	40.9	8.7	18	1.39
G-25		0.28	3.64	3.11	8.9	<0.02	<10	170	0.93	0.38	1.65	4.17	36.1	8.1	18	1.76
G-26		0.34	16.60	1.88	12.4	0.02	<10	120	0.69	0.28	9.07	3.35	22.5	6.2	14	1.00
G-27		0.33	2.12	1.28	8.9	<0.02	<10	110	0.52	0.32	9.32	0.82	20.0	7.4	20	1.18
G-28		0.31	22.0	2.45	22.3	0.02	10	210	0.99	0.42	3.37	7.10	31.2	7.8	19	1.68
G-29		0.33	3.34	3.15	7.7	0.04	<10	260	0.96	0.44	0.86	1.65	40.1	11.0	31	2.15
G-30		0.23	3.87	0.67	14.9	<0.02	10	140	0.46	0.20	12.60	2.02	11.35	3.8	6	0.46
G-31		0.28	4.26	2.68	10.7	<0.02	10	230	1.05	0.36	1.94	3.01	37.1	9.7	23	1.62
G-32		0.30	45.4	2.80	17.3	0.03	10	140	0.93	0.30	3.74	8.29	32.7	6.8	16	1.71
G-33		0.33	5.09	3.08	5.9	<0.02	<10	180	0.78	0.30	0.92	2.48	32.4	7.0	18	1.57
G-34		0.32	0.29	2.20	7.2	<0.02	<10	180	0.70	1.36	0.44	0.46	36.0	10.8	34	1.94
G-35		0.27	0.60	2.35	6.5	<0.02	<10	240	0.76	0.61	0.88	0.94	35.6	10.6	34	2.07
G-36		0.30	2.79	1.27	13.3	<0.02	10	130	0.57	0.25	9.50	1.31	18.10	6.7	16	1.11
G-37		0.30	1.30	1.60	10.7	<0.02	<10	140	0.60	0.27	8.60	1.11	26.3	7.2	15	1.25
G-38		0.20	0.58	2.67	15.7	<0.02	<10	310	0.90	0.38	1.47	1.31	35.2	9.1	25	1.76
G-39		0.32	0.97	2.84	5.9	<0.02	<10	180	0.83	0.25	1.89	2.28	32.8	7.6	21	1.65
G-40		0.30	0.66	1.16	6.8	<0.02	<10	90	0.27	0.18	0.32	1.89	25.8	6.7	22	1.35
G-41		0.39	0.69	2.57	6.2	<0.02	<10	190	0.59	0.27	0.32	4.53	29.7	8.0	24	1.89
G-42		0.28	1.95	2.94	10.0	<0.02	<10	190	0.85	0.27	1.65	1.38	42.6	8.4	17	1.85
G-43		0.24	2.77	2.99	8.1	<0.02	<10	190	0.83	0.22	3.80	2.82	34.1	6.4	12	1.41
G-44		0.29	33.9	3.43	20.3	0.05	10	140	1.12	0.21	3.20	10.55	34.4	5.3	9	1.52
G-45		0.25	10.85	2.37	13.6	<0.02	<10	170	0.98	0.28	2.58	5.06	34.3	7.3	16	1.61
G-46		0.30	1.98	3.80	10.3	<0.02	10	190	1.14	0.27	1.42	2.27	42.6	7.0	16	1.76
G-47		0.33	0.86	2.52	5.7	<0.02	<10	240	0.88	0.39	0.94	1.19	38.6	9.5	29	1.97
G-48		0.32	0.40	2.90	4.6	<0.02	<10	230	0.93	0.31	1.65	1.26	32.3	8.6	23	2.01
G-49		0.35	2.47	1.65	5.7	<0.02	<10	110	0.44	0.19	3.07	5.47	26.1	10.0	28	2.83
G-50		0.28	0.48	2.54	5.1	<0.02	<10	190	0.71	0.17	4.25	4.20	28.5	5.9	11	1.56
G-51		0.44	0.10	3.44	6.8	0.02	<10	130	0.92	0.30	0.28	0.24	99.2	22.0	24	1.92
G-52		0.30	0.17	1.76	6.6	0.03	<10	140	0.63	0.27	0.62	1.05	75.1	16.7	16	1.02
G-53		0.39	0.24	1.93	8.6	0.04	<10	140	0.86	0.37	0.87	0.98	76.4	15.1	14	0.99

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

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To: **M.A. KAUFMAN**
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USA

Finalized Date: 18-SEP-2018
Account: MAKAUF

Project: GUS

CERTIFICATE OF ANALYSIS KL18206197

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	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
	LOD	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
100S 150W		116.0	2.28	4.06	<0.05	0.09	0.07	0.036	0.09	16.4	9.0	6.48	1120	2.04	0.03	0.91
100S 175W		37.3	2.58	5.08	0.05	0.07	0.04	0.024	0.26	18.4	14.7	1.15	317	2.57	0.02	1.59
100S 300W		39.4	3.25	6.67	0.05	0.24	0.07	0.082	0.11	21.2	12.3	2.57	680	6.66	0.03	1.50
G-25		32.4	2.64	6.80	0.05	0.34	0.06	0.255	0.09	15.0	15.0	0.99	776	2.51	0.04	2.08
G-26		43.0	2.53	4.46	<0.05	0.10	0.08	0.066	0.07	10.8	9.2	5.63	806	2.95	0.03	1.21
G-27		37.4	1.96	4.09	<0.05	0.04	0.08	0.019	0.13	10.6	9.7	5.80	694	1.63	0.02	1.04
G-28		77.9	2.95	5.29	<0.05	0.12	0.11	0.432	0.11	14.3	11.1	1.90	1300	3.80	0.03	1.74
G-29		38.5	3.00	7.63	0.06	0.38	0.04	0.330	0.18	19.9	17.9	0.88	475	2.53	0.04	2.00
G-30		27.6	1.98	1.71	<0.05	0.05	0.09	0.064	0.05	5.8	3.1	7.28	1220	7.46	0.27	0.39
G-31		24.2	3.03	6.33	0.05	0.15	0.06	0.063	0.11	17.8	13.4	1.16	900	4.60	0.03	2.05
G-32		112.5	2.83	5.21	<0.05	0.19	0.10	0.198	0.09	13.1	12.4	2.19	1140	2.28	0.04	1.79
G-33		28.6	2.43	6.55	0.05	0.37	0.04	0.111	0.10	13.7	13.6	0.62	574	1.42	0.05	1.42
G-34		20.3	2.54	5.86	<0.05	0.06	0.03	0.024	0.17	15.8	17.7	0.60	419	2.14	0.02	2.07
G-35		15.2	2.88	6.31	<0.05	0.07	0.03	0.030	0.16	16.7	17.9	0.79	677	1.99	0.03	2.35
G-36		37.7	2.23	3.79	<0.05	0.05	0.09	0.024	0.11	9.0	8.2	5.67	677	2.70	0.02	0.93
G-37		23.7	2.51	4.11	<0.05	0.08	0.07	0.030	0.10	14.5	10.1	5.46	735	3.85	0.03	1.19
G-38		33.6	3.87	5.84	0.06	0.12	0.05	0.036	0.16	16.7	15.0	0.93	1420	3.99	0.03	1.70
G-39		31.8	2.50	6.43	0.05	0.20	0.03	0.027	0.13	15.5	13.8	1.22	432	1.62	0.04	1.42
G-40		38.5	1.61	3.13	<0.05	0.04	0.03	0.018	0.13	13.3	11.2	0.78	131	2.98	0.02	1.04
G-41		48.3	2.10	5.39	0.05	0.23	0.05	0.023	0.16	14.8	17.4	0.83	196	2.08	0.03	1.41
G-42		35.2	2.49	5.20	0.05	0.32	0.04	0.037	0.09	17.3	16.7	1.21	277	3.16	0.03	1.90
G-43		23.2	2.65	5.33	0.05	0.24	0.07	0.035	0.07	16.7	9.7	2.21	924	2.93	0.04	1.81
G-44		44.9	2.49	5.13	0.07	0.35	0.17	0.139	0.06	15.4	8.2	1.62	751	2.76	0.05	2.13
G-45		41.2	3.04	4.75	0.05	0.17	0.07	0.058	0.08	15.4	9.4	1.52	890	3.94	0.03	1.57
G-46		27.4	3.02	7.22	0.07	0.26	0.05	0.040	0.08	19.9	16.1	0.79	647	2.94	0.04	1.99
G-47		25.0	2.63	6.52	0.05	0.13	0.05	0.026	0.16	19.0	14.8	0.84	598	1.63	0.03	1.86
G-48		12.6	2.30	7.04	0.06	0.27	0.04	0.033	0.15	14.8	14.1	0.65	364	1.00	0.04	1.86
G-49		89.8	2.53	4.40	0.06	0.12	0.20	0.024	0.28	14.2	11.2	1.53	207	2.74	0.02	0.80
G-50		22.9	2.04	5.60	0.06	0.19	0.06	0.027	0.13	14.6	9.1	2.65	596	1.40	0.04	1.33
G-51		35.0	4.75	8.41	0.11	0.20	0.05	0.042	0.08	44.3	32.2	0.83	670	0.75	0.01	1.36
G-52		15.1	3.61	4.76	0.07	0.04	0.04	0.075	0.07	31.5	20.2	0.51	1320	0.50	0.01	0.60
G-53		18.9	3.87	4.78	0.08	0.10	0.03	0.065	0.08	35.7	16.9	0.49	1040	0.64	0.02	1.03

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

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USA

Finalized Date: 18-SEP-2018
Account: MAKAUF

Project: GUS

CERTIFICATE OF ANALYSIS KL18206197

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
100S 150W		20.5	4320	365	11.0	<0.001	0.03	11.05	2.9	1.0	1.6	50.2	0.01	0.03	2.1	0.042
100S 175W		34.8	1050	25.3	24.8	<0.001	0.01	2.13	3.3	0.5	0.5	16.5	<0.01	0.04	6.0	0.065
100S 300W		30.4	1260	295	17.2	<0.001	0.01	7.09	4.1	0.6	1.3	24.0	<0.01	0.04	4.2	0.093
G-25		28.1	1070	525	16.9	<0.001	0.02	9.88	3.7	0.4	2.1	21.3	0.01	0.03	3.3	0.121
G-26		17.8	1240	778	13.3	<0.001	0.02	12.65	2.3	1.0	5.2	30.0	0.01	0.04	1.7	0.058
G-27		21.6	990	80.0	21.7	<0.001	0.03	3.76	1.7	0.8	0.8	30.6	<0.01	0.03	1.0	0.042
G-28		28.5	1860	1575	18.9	<0.001	0.04	47.0	2.7	0.7	6.9	22.7	0.02	0.05	1.8	0.086
G-29		37.2	660	383	29.3	<0.001	0.01	5.38	4.8	0.3	1.5	19.8	<0.01	0.03	5.1	0.125
G-30		16.6	1800	323	6.6	<0.001	0.04	12.40	0.8	1.1	1.8	37.9	<0.01	0.04	0.4	0.021
G-31		36.8	1520	320	19.2	<0.001	0.03	11.05	3.5	0.4	2.5	17.7	0.02	0.03	2.8	0.100
G-32		23.0	1420	2090	17.1	<0.001	0.03	51.5	2.8	1.1	8.9	25.5	0.01	0.04	2.3	0.106
G-33		20.3	860	601	16.8	<0.001	0.01	9.85	3.4	0.4	2.4	20.0	<0.01	0.02	3.4	0.119
G-34		37.3	650	33.0	25.8	<0.001	0.01	1.55	3.2	0.3	0.5	13.3	<0.01	0.03	4.1	0.084
G-35		35.3	620	57.8	24.6	<0.001	0.02	2.10	3.4	<0.2	0.8	14.5	<0.01	0.03	4.2	0.088
G-36		21.8	1140	135.0	18.1	<0.001	0.03	9.31	1.4	1.0	0.5	35.3	<0.01	0.03	0.7	0.039
G-37		24.1	1040	81.7	18.3	<0.001	0.03	3.30	2.5	0.8	0.7	28.5	0.01	0.04	1.6	0.051
G-38		40.3	3830	99.6	25.3	<0.001	0.03	3.33	3.5	0.7	0.8	18.9	0.01	0.06	3.1	0.089
G-39		26.6	2770	44.3	20.9	<0.001	0.01	1.88	3.7	0.4	0.7	23.8	<0.01	0.02	3.5	0.099
G-40		33.2	1100	13.5	21.3	<0.001	0.01	1.86	1.6	0.6	0.2	14.3	<0.01	0.03	4.2	0.061
G-41		45.6	2040	36.8	25.5	<0.001	0.01	1.73	3.0	0.4	0.5	15.2	0.01	0.03	4.3	0.097
G-42		47.6	930	83.5	16.7	<0.001	0.02	11.10	3.5	0.5	1.0	20.6	0.01	0.02	4.0	0.114
G-43		20.9	1470	161.5	13.6	<0.001	0.03	8.04	3.3	0.6	1.4	21.5	0.02	0.03	1.9	0.108
G-44		17.4	1810	1690	9.8	<0.001	0.03	54.3	3.2	0.6	37.5	30.9	0.02	0.05	2.2	0.131
G-45		25.8	1540	910	18.3	<0.001	0.02	16.95	3.2	0.4	9.3	21.7	0.02	0.03	3.4	0.093
G-46		25.1	3570	350	16.1	<0.001	0.02	5.79	4.6	0.4	2.7	20.2	0.03	0.03	3.8	0.133
G-47		29.6	1270	146.0	22.1	<0.001	0.02	2.95	3.8	0.4	1.2	17.6	<0.01	0.02	5.0	0.082
G-48		26.8	890	49.5	22.6	<0.001	0.02	4.23	3.7	<0.2	0.8	20.1	<0.01	0.02	3.8	0.101
G-49		48.9	1630	19.1	31.0	0.001	0.02	4.11	2.2	1.5	0.3	25.9	<0.01	0.05	5.4	0.087
G-50		16.9	2450	41.3	38.6	<0.001	0.02	1.56	3.3	0.3	0.6	28.6	<0.01	0.01	2.1	0.097
G-51		63.8	990	59.1	15.1	<0.001	0.02	0.40	6.5	<0.2	2.5	22.8	0.04	0.03	9.4	0.085
G-52		45.6	1080	126.0	11.9	<0.001	0.03	0.62	3.7	0.2	5.2	31.5	<0.01	0.03	2.7	0.038
G-53		39.9	1140	129.0	12.3	<0.001	0.02	0.65	8.2	<0.2	4.6	46.0	0.01	0.02	7.8	0.055

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

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To: **M.A. KAUFMAN**
10805 EAST 23RD AVE
SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 18-SEP-2018
Account: MAKAUF

Project: GUS

CERTIFICATE OF ANALYSIS KL18206197

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
100S 150W		0.16	1.97	66	1.42	21.6	727	4.2
100S 175W		0.20	0.69	58	0.63	11.95	163	4.0
100S 300W		0.28	1.05	40	0.67	18.00	425	15.9
G-25		0.22	0.84	48	0.54	14.10	866	19.7
G-26		0.16	0.97	45	1.43	12.05	520	5.1
G-27		0.17	0.61	37	1.44	10.05	187	1.8
G-28		0.22	1.21	52	0.87	13.40	1560	6.2
G-29		0.27	0.88	52	0.65	17.05	441	22.5
G-30		0.14	1.25	39	1.10	7.39	533	2.0
G-31		0.26	1.13	59	1.06	15.40	664	8.1
G-32		0.23	0.93	42	0.53	11.45	1700	10.7
G-33		0.21	0.46	36	0.40	11.25	742	21.8
G-34		0.22	1.01	54	0.95	7.93	162	3.1
G-35		0.20	0.66	57	0.91	8.65	195	3.7
G-36		0.26	0.74	32	1.36	7.41	246	2.1
G-37		0.29	0.78	35	0.90	13.15	168	4.2
G-38		0.42	1.09	76	0.91	18.40	213	6.7
G-39		0.27	0.79	57	0.47	17.75	282	13.8
G-40		0.22	0.86	97	0.36	5.77	312	2.4
G-41		0.26	1.14	87	0.49	15.75	617	16.7
G-42		0.24	1.71	52	0.41	17.15	687	18.7
G-43		0.21	0.97	40	0.62	17.90	518	12.8
G-44		0.21	0.99	40	1.71	14.95	1920	20.1
G-45		0.33	1.00	42	1.01	12.40	1580	8.5
G-46		0.34	1.24	50	0.82	19.60	625	18.0
G-47		0.23	0.74	48	0.64	11.85	337	6.0
G-48		0.41	0.42	43	0.51	10.75	580	14.5
G-49		0.42	1.13	96	0.34	14.00	418	7.6
G-50		0.27	0.64	32	0.40	15.50	279	9.8
G-51		0.14	1.49	31	0.24	24.8	124	11.7
G-52		0.10	0.60	19	0.46	15.15	183	0.9
G-53		0.10	0.44	21	0.43	20.5	144	4.3

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To: **M.A. KAUFMAN**
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USA

Finalized Date: 18-SEP-2018
Account: MAKAUF

Project: GUS

CERTIFICATE OF ANALYSIS KL18206197

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS41

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To: **M.A. KAUFMAN**
10805 EAST 23RD AVE
SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

CERTIFICATE KL18253001

Project: Gus

This report is for 24 Soil samples submitted to our lab in Kamloops, BC, Canada on 9-OCT-2018.

The following have access to data associated with this certificate:

MIKE CATHRO	M.A. KAUFMAN	

SAMPLE PREPARATION

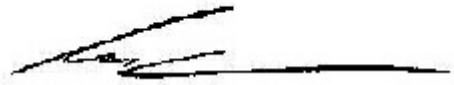
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	Ultra Trace Aqua Regia ICP-MS

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **M.A. KAUFMAN**
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SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253001

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
G60		0.29	2.36	2.72	11.2	<0.02	<10	180	1.07	0.28	1.04	1.29	56.2	10.9	18	1.50
G61		0.27	4.56	2.75	9.3	<0.02	<10	140	1.09	0.30	0.84	1.15	48.6	10.5	18	1.51
G62		0.17	3.84	2.62	5.6	<0.02	10	220	1.06	0.24	3.59	2.21	38.6	7.3	15	1.29
G63		0.29	1.15	2.66	6.1	<0.02	<10	180	0.87	0.23	1.60	0.87	32.3	5.6	12	1.99
G64		0.27	1.85	2.44	11.3	<0.02	<10	140	0.88	0.22	2.87	0.66	38.9	8.0	14	1.40
G65		0.24	0.65	3.25	10.3	<0.02	<10	190	0.99	0.23	1.18	1.52	36.5	6.8	15	1.61
G66		0.22	0.44	2.86	8.6	<0.02	<10	200	0.95	0.30	2.10	2.20	36.8	7.6	18	1.98
G67		0.21	0.21	1.96	8.4	0.02	<10	320	0.74	0.32	2.07	2.33	25.7	7.3	16	1.69
G68		0.29	0.18	2.84	2.8	<0.02	<10	310	0.66	0.21	0.42	1.46	26.2	4.4	11	1.65
G69		0.32	0.15	1.87	15.9	<0.02	<10	180	0.64	0.54	0.30	0.51	36.0	11.1	41	2.53
G70		0.45	0.09	1.38	8.9	<0.02	<10	180	0.42	0.33	0.21	0.60	24.8	8.2	27	1.72
G71		0.44	0.33	3.07	10.9	<0.02	<10	250	0.83	0.37	0.24	1.25	34.8	7.4	22	2.17
G72		0.19	1.05	2.08	8.0	<0.02	<10	250	0.80	0.23	2.91	0.80	38.0	7.5	14	1.45
G73		0.34	2.15	2.75	8.3	<0.02	<10	180	0.94	0.28	0.54	0.89	54.9	9.9	18	1.55
G74		0.34	9.91	2.33	8.0	<0.02	10	260	1.01	0.31	2.13	1.91	40.9	7.7	16	1.58
G75		0.29	3.80	2.92	8.0	<0.02	<10	170	1.15	0.32	1.73	1.17	43.2	8.7	17	1.43
G76		0.43	10.85	0.96	20.5	<0.02	10	60	0.68	0.12	11.70	1.11	19.35	5.8	7	0.53
G77		0.43	1.65	2.18	6.4	<0.02	<10	200	0.80	0.27	1.98	0.89	29.0	5.6	14	1.99
G78		0.31	0.38	2.60	5.3	<0.02	<10	230	0.76	0.22	0.75	0.49	32.0	5.6	12	1.73
G79		0.36	1.11	2.75	17.0	<0.02	<10	180	0.87	0.26	1.11	0.94	36.6	7.6	17	1.38
G80		0.38	0.37	2.99	8.9	<0.02	<10	240	0.91	0.36	0.69	1.28	43.6	8.8	26	2.02
G81		0.23	0.43	3.41	6.6	<0.02	<10	220	0.86	0.21	1.13	1.33	33.4	5.8	13	2.02
G82		0.21	0.28	1.92	10.3	<0.02	<10	200	0.54	0.31	0.31	0.60	26.9	6.8	22	1.92
G83		0.36	0.26	2.25	7.6	<0.02	<10	280	0.64	0.35	0.25	1.79	28.3	6.9	22	2.08

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

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SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253001

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	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
	LOD	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
G60		70.2	2.92	5.65	0.11	0.34	0.08	0.035	0.10	33.3	18.1	0.91	484	6.50	0.02	1.53
G61		51.0	2.94	6.55	0.08	0.36	0.07	0.037	0.08	23.8	17.9	0.77	476	4.49	0.02	1.63
G62		30.7	2.52	5.03	0.07	0.15	0.08	0.032	0.07	18.8	8.9	1.75	1570	2.00	0.02	1.72
G63		14.4	2.12	4.98	0.06	0.23	0.04	0.030	0.07	13.0	16.7	0.95	482	1.91	0.03	1.64
G64		30.5	2.62	6.57	0.07	0.29	0.07	0.026	0.09	19.1	11.7	1.92	512	3.74	0.02	1.08
G65		30.7	2.66	6.45	0.07	0.36	0.05	0.044	0.09	18.1	15.1	0.75	401	2.88	0.03	1.71
G66		15.8	2.58	6.37	0.06	0.23	0.06	0.040	0.09	16.3	15.7	1.39	617	2.00	0.02	1.93
G67		18.1	2.07	4.26	0.05	0.06	0.06	0.057	0.11	12.1	12.0	1.06	1280	1.51	0.02	1.25
G68		7.2	1.58	5.25	0.05	0.19	0.03	0.035	0.07	10.2	7.9	0.21	362	0.42	0.03	1.72
G69		25.9	2.38	5.51	0.05	0.05	0.03	0.024	0.24	19.0	16.6	0.61	646	0.94	0.02	1.87
G70		15.3	1.78	4.29	<0.05	0.03	0.03	0.026	0.14	12.3	12.0	0.42	575	0.95	0.01	1.68
G71		14.7	2.08	7.20	<0.05	0.16	0.04	0.031	0.13	11.1	16.7	0.33	410	0.82	0.02	2.27
G72		31.8	2.17	4.79	0.06	0.15	0.04	0.034	0.12	18.3	12.7	1.96	607	5.32	0.02	1.42
G73		62.3	2.64	6.82	0.08	0.23	0.06	0.037	0.09	27.7	17.0	0.62	329	5.08	0.02	1.85
G74		21.6	2.96	5.22	0.06	0.12	0.08	0.037	0.09	19.4	15.9	1.30	1200	4.58	0.02	1.54
G75		24.2	3.17	6.50	0.06	0.23	0.10	0.037	0.09	20.0	16.3	1.17	774	4.28	0.02	2.05
G76		29.0	2.55	3.34	<0.05	0.07	0.09	0.019	0.08	10.4	6.4	7.09	738	4.69	0.01	0.40
G77		14.9	2.36	4.33	<0.05	0.12	0.05	0.030	0.09	12.6	20.5	1.26	569	3.80	0.02	1.40
G78		11.4	2.09	5.32	0.05	0.19	0.04	0.033	0.08	13.9	14.2	0.53	533	2.23	0.02	1.59
G79		51.3	3.57	6.36	0.06	0.26	0.07	0.037	0.09	16.8	15.0	0.81	470	10.70	0.02	1.29
G80		25.0	2.83	7.37	0.06	0.14	0.05	0.059	0.16	21.3	17.4	0.67	387	2.36	0.02	2.10
G81		13.9	2.01	5.89	0.05	0.31	0.05	0.031	0.09	14.7	13.9	0.64	429	1.01	0.03	2.00
G82		10.2	1.77	5.70	<0.05	0.08	0.02	0.021	0.14	9.9	12.7	0.32	313	0.83	0.01	1.98
G83		10.3	1.91	5.90	<0.05	0.10	0.03	0.025	0.13	11.1	15.0	0.38	363	0.94	0.01	1.82

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

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USA

Finalized Date: 25-OCT-2018
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Project: Gus

CERTIFICATE OF ANALYSIS KL18253001

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
G60		46.4	2040	88.0	18.2	0.001	0.01	7.69	5.5	0.7	1.2	21.3	0.01	0.05	6.1	0.109
G61		39.1	1160	164.0	17.9	<0.001	0.01	10.55	4.5	0.2	1.1	18.0	<0.01	0.03	5.2	0.112
G62		25.1	1820	202	14.7	<0.001	0.05	4.99	2.8	0.6	1.2	23.9	0.02	0.02	1.4	0.086
G63		22.1	1400	103.5	16.2	0.001	0.02	4.96	2.7	<0.2	1.3	20.4	0.01	0.01	2.7	0.122
G64		24.3	1090	114.0	20.5	<0.001	0.01	4.77	3.9	0.3	1.0	25.3	<0.01	0.03	4.2	0.099
G65		26.7	2350	59.1	15.8	<0.001	0.01	8.68	4.1	0.3	0.8	21.8	<0.01	0.03	4.0	0.119
G66		27.5	2340	47.9	19.8	0.001	0.02	5.53	3.4	0.3	0.8	20.2	0.02	0.03	3.5	0.109
G67		24.8	3790	43.7	19.4	0.001	0.03	3.18	2.2	<0.2	0.7	25.4	0.01	0.02	1.2	0.079
G68		11.8	4980	18.8	12.5	0.001	0.01	0.70	2.7	<0.2	0.7	18.3	0.02	0.01	2.0	0.119
G69		37.1	770	18.3	32.5	0.001	0.01	1.39	3.6	0.2	0.5	16.4	<0.01	0.02	6.2	0.088
G70		27.9	940	15.6	21.5	0.001	0.01	0.72	2.1	0.2	0.4	14.0	<0.01	0.02	4.1	0.068
G71		29.4	3340	16.7	19.2	0.001	0.01	0.53	3.1	0.2	0.7	18.2	0.01	0.01	3.9	0.126
G72		36.5	2690	59.1	21.1	0.001	0.01	5.96	3.2	0.3	0.6	22.9	0.01	0.05	3.3	0.085
G73		38.5	2200	83.9	18.0	0.001	0.01	7.56	5.0	0.5	1.1	18.7	0.02	0.04	4.9	0.110
G74		33.1	1970	352	19.6	<0.001	0.03	15.25	3.0	0.2	1.6	17.4	0.01	0.04	2.4	0.091
G75		31.6	1230	170.0	15.9	0.001	0.03	10.55	3.6	0.5	1.5	19.1	0.01	0.04	3.2	0.109
G76		20.2	1320	405	11.7	<0.001	0.05	12.25	1.0	0.7	1.8	32.2	0.01	0.03	0.7	0.019
G77		27.2	1910	120.0	20.1	<0.001	0.02	6.50	2.2	0.3	1.8	20.0	0.01	0.01	2.4	0.092
G78		20.9	1610	80.0	16.5	0.001	0.01	2.94	3.0	0.2	0.9	17.3	0.01	0.02	2.8	0.109
G79		34.8	2130	193.0	15.7	0.001	0.01	19.15	3.7	0.6	0.8	20.0	<0.01	0.04	4.0	0.101
G80		30.3	1510	67.6	21.9	0.001	0.01	3.90	4.0	<0.2	0.8	15.3	<0.01	0.02	4.4	0.098
G81		17.8	2960	59.9	14.6	<0.001	0.01	2.65	3.2	0.2	0.9	21.3	0.01	0.01	2.6	0.134
G82		26.7	2370	15.1	20.3	<0.001	0.01	0.51	2.0	<0.2	0.6	19.4	0.01	0.01	3.3	0.087
G83		32.0	2930	15.7	21.2	<0.001	0.01	0.50	2.5	<0.2	0.6	16.0	0.01	0.01	3.4	0.099

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

ALS Canada Ltd.

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To: **M.A. KAUFMAN**
10805 EAST 23RD AVE
SPOKANE VALLEY WA 99206-5677
USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253001

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
G60		0.36	1.82	58	0.67	38.9	277	24.8
G61		0.32	1.33	56	0.54	23.7	308	22.0
G62		0.25	1.05	47	0.51	19.80	412	8.0
G63		0.32	0.58	30	0.58	10.55	371	13.0
G64		0.46	0.78	33	0.61	17.45	171	19.6
G65		0.35	0.87	48	0.56	21.1	287	24.8
G66		0.33	1.05	58	0.53	16.55	614	12.1
G67		0.23	1.00	42	0.41	12.05	431	3.0
G68		0.11	0.67	23	0.17	8.91	495	11.4
G69		0.25	1.04	40	0.58	8.96	158	3.0
G70		0.19	0.57	41	0.54	3.08	159	1.1
G71		0.16	0.87	36	0.48	6.26	224	10.4
G72		0.33	1.30	47	0.53	21.4	263	9.6
G73		0.36	1.75	56	0.59	29.2	290	15.5
G74		0.35	1.17	52	0.53	17.95	398	5.9
G75		0.34	0.96	56	0.72	19.05	390	12.8
G76		0.36	1.22	27	1.19	10.30	364	3.1
G77		0.36	0.80	40	0.62	9.36	392	5.6
G78		0.26	0.55	29	0.40	11.65	291	12.0
G79		0.56	1.03	58	0.73	19.35	317	16.8
G80		0.30	0.94	49	0.66	16.70	229	8.9
G81		0.18	0.51	31	0.35	13.75	291	18.3
G82		0.16	0.48	34	0.56	2.69	148	4.2
G83		0.19	0.75	38	0.38	5.15	269	5.7

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

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USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253001

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS41

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USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

CERTIFICATE KL18253005

Project: Gus

This report is for 11 Rock samples submitted to our lab in Kamloops, BC, Canada on 9-OCT-2018.

The following have access to data associated with this certificate:

MIKE CATHRO	M.A. KAUFMAN	

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	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253005

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
GR18-01		0.68	0.003	1.20	0.02	56.3	<0.02	<10	30	0.06	0.06	21.0	1.96	2.35	0.4	1
GR18-02		0.50	0.002	0.33	0.03	5.7	<0.02	<10	30	0.05	0.01	20.3	1.50	2.02	0.3	1
GR18-03		0.53	0.003	0.65	0.01	2.6	<0.02	<10	<10	0.05	0.01	20.1	2.97	1.78	0.4	1
GR18-04		0.88	0.002	0.95	0.01	1.7	<0.02	<10	10	<0.05	0.01	19.90	0.80	1.90	0.3	1
GR18-05		0.77	0.003	1.05	0.01	2.7	<0.02	<10	<10	0.05	0.01	20.2	1.56	1.22	0.3	<1
GR18-06		0.68	0.014	5.79	0.01	6.8	0.02	<10	<10	0.07	0.02	19.85	0.80	2.00	0.6	1
GR18-07		0.51	0.007	53.5	0.01	16.1	<0.02	<10	<10	0.06	0.02	19.60	11.60	1.85	0.4	1
GR18-08		2.89	0.003	2.80	0.02	3.3	<0.02	<10	<10	0.06	0.01	19.85	1.17	2.86	0.5	1
GR18-09		2.07	0.006	31.7	0.01	18.0	<0.02	<10	<10	0.07	0.01	19.40	8.58	2.00	0.5	1
GR18-10		3.22	0.004	4.16	0.01	3.3	<0.02	<10	<10	0.05	0.01	20.2	1.92	1.58	0.3	1
GR18-11		0.74	0.004	10.60	0.01	4.6	<0.02	<10	<10	<0.05	0.04	20.2	2.81	1.78	0.3	<1

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

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USA

Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253005

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
GR18-01		0.05	8.4	0.25	0.09	0.08	<0.02	0.05	0.005	0.01	1.2	1.8	13.20	340	0.66	0.01
GR18-02		<0.05	4.4	0.18	0.10	0.12	<0.02	0.04	<0.005	0.01	1.0	1.9	12.85	272	0.10	0.01
GR18-03		<0.05	9.1	0.17	0.10	0.13	<0.02	0.04	0.013	0.01	0.9	1.2	12.75	278	0.21	<0.01
GR18-04		<0.05	3.6	0.18	0.08	0.16	<0.02	0.02	<0.005	<0.01	1.0	1.6	12.65	291	0.11	0.01
GR18-05		<0.05	11.7	0.23	0.07	0.18	<0.02	0.02	0.006	<0.01	0.7	1.5	12.75	224	0.22	<0.01
GR18-06		<0.05	19.4	0.24	0.11	0.15	<0.02	0.05	0.006	<0.01	1.0	1.1	12.65	323	0.51	<0.01
GR18-07		<0.05	120.5	0.29	0.16	0.15	<0.02	0.36	0.021	<0.01	1.2	1.4	12.45	367	1.01	<0.01
GR18-08		<0.05	11.0	0.28	0.11	0.15	<0.02	0.03	<0.005	0.01	1.9	1.4	12.40	408	1.02	<0.01
GR18-09		<0.05	105.5	0.36	0.12	0.15	<0.02	0.16	0.006	<0.01	1.3	1.3	12.20	559	1.09	<0.01
GR18-10		<0.05	8.3	0.23	0.08	0.16	<0.02	0.03	<0.005	<0.01	0.9	1.1	12.75	265	0.41	<0.01
GR18-11		<0.05	19.7	0.28	0.09	0.17	<0.02	0.07	0.010	<0.01	1.0	1.6	12.80	356	0.87	0.01

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Finalized Date: 25-OCT-2018
Account: MAKAUF

Project: Gus

CERTIFICATE OF ANALYSIS KL18253005

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
GR18-01		<0.05	1.5	140	74.5	0.3	<0.001	0.02	3.07	0.2	0.3	<0.2	52.4	<0.01	0.01	0.2
GR18-02		<0.05	0.9	110	50.0	0.4	<0.001	0.02	2.05	0.1	0.4	<0.2	46.6	<0.01	0.01	0.2
GR18-03		<0.05	1.5	110	75.1	0.3	0.001	0.01	3.00	0.1	0.3	0.9	41.1	<0.01	<0.01	<0.2
GR18-04		<0.05	0.6	120	111.5	0.2	<0.001	<0.01	2.27	0.1	0.4	<0.2	47.0	<0.01	<0.01	<0.2
GR18-05		<0.05	0.5	120	138.0	0.1	0.001	0.02	8.02	0.1	0.3	<0.2	42.9	<0.01	0.01	<0.2
GR18-06		<0.05	0.9	120	458	0.2	0.001	0.01	16.25	0.2	0.3	2.4	46.5	<0.01	0.02	<0.2
GR18-07		<0.05	1.1	90	4750	0.1	0.001	0.06	77.6	0.1	1.7	9.2	42.4	<0.01	0.09	<0.2
GR18-08		<0.05	1.3	110	411	0.3	<0.001	0.01	7.69	0.2	0.3	0.7	45.4	<0.01	0.01	<0.2
GR18-09		<0.05	1.2	90	1865	0.2	<0.001	0.03	65.8	0.1	0.6	11.4	47.0	<0.01	0.03	<0.2
GR18-10		<0.05	0.7	150	246	0.1	<0.001	0.01	8.68	0.1	0.3	1.0	43.9	<0.01	0.01	<0.2
GR18-11		<0.05	0.7	140	1930	0.2	0.001	0.03	22.1	0.1	0.7	20.5	51.0	<0.01	0.04	0.2

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Finalized Date: 25-OCT-2018
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Project: Gus

CERTIFICATE OF ANALYSIS KL18253005

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
GR18-01		<0.005	0.02	0.23	4	0.11	1.66	80	<0.5
GR18-02		<0.005	0.04	0.29	4	0.08	1.37	58	<0.5
GR18-03		<0.005	<0.02	0.45	3	0.11	1.48	136	<0.5
GR18-04		<0.005	<0.02	0.27	4	0.06	1.44	63	<0.5
GR18-05		<0.005	<0.02	0.26	2	0.07	0.95	131	<0.5
GR18-06		<0.005	0.02	0.75	6	0.19	1.61	88	<0.5
GR18-07		<0.005	0.03	1.07	6	0.10	1.75	668	<0.5
GR18-08		<0.005	0.02	0.84	11	0.11	2.41	106	<0.5
GR18-09		<0.005	0.02	0.91	6	0.14	1.66	365	<0.5
GR18-10		<0.005	<0.02	0.44	4	0.22	1.42	143	<0.5
GR18-11		<0.005	0.02	0.28	4	0.17	1.39	157	<0.5

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CERTIFICATE OF ANALYSIS KL18253005

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

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

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

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

Au-ICP21	ME-MS41

Gus Rock Samples lithology

GR-11 Hand trench between G30 and G44 soil; outcrop grab, white qtz-cal vein with trace galena. Middle of trench.

GR 1- Hand trench just above G7 soil; outcrop grab; white cal vein with blac-grey soft mineral (chlorite? Or broken argillite fragments?)

GR-2- Hand trench just above G7 soil; outcrop grab; banded-bedded limestone / carbonate with 1% rusty spots after py or tetrahedrite?

GR-3 Hand trench just above G7 soil; outcrop grab; carbonate with white cal/qtz veins and irreg traces / patches of red oxide

GR-4- Hand trench just above G7 soil; outcrop grab; limestone with cal veins and trace red oxides

GR-5 Hand trench just above G7 soil; outcrop grab; pale buff soft limestone with rusty stains on fractures

Gr-6 Hand trench ~ 7 m above G7 soil; outcrop grab; limestone with cal veins (approx 150/60E) and 2-3% galena-tetrahedrite patches to 15 mm long by 5 mm wide. Trace copper stain suggest tetrahedrite

GR-7 Hand trench ~ 7 m above G7 soil; outcrop random chip across ~ 3 m of bedding in limestone; <1% qtz-cal vns and trace sulphides (gn-py-tetr)

GR-8 Hand trench ~ 7 m above G7 soil; outcrop grab; ~20 cm wide limestone bed with ~ 5% qtz-cal-sulph veins; 1-2% gn-tetr within veins.

GR-9 Hand trench between G30 and G44 soil; otcrop chip over ~ 6 m of bedded limestone dipping ~40 deg south, trace qtz-sulp veins

GR-10 Hand trench between G30 and G44 soil; outcrop grab, white qtz-cal vein with trace galena. Middle of trench.							

Gus claims Claim Map

Mineral Titles Layers

- **Gus claims Tenure**
- **All Mineral Tenures**

Topographic Layers

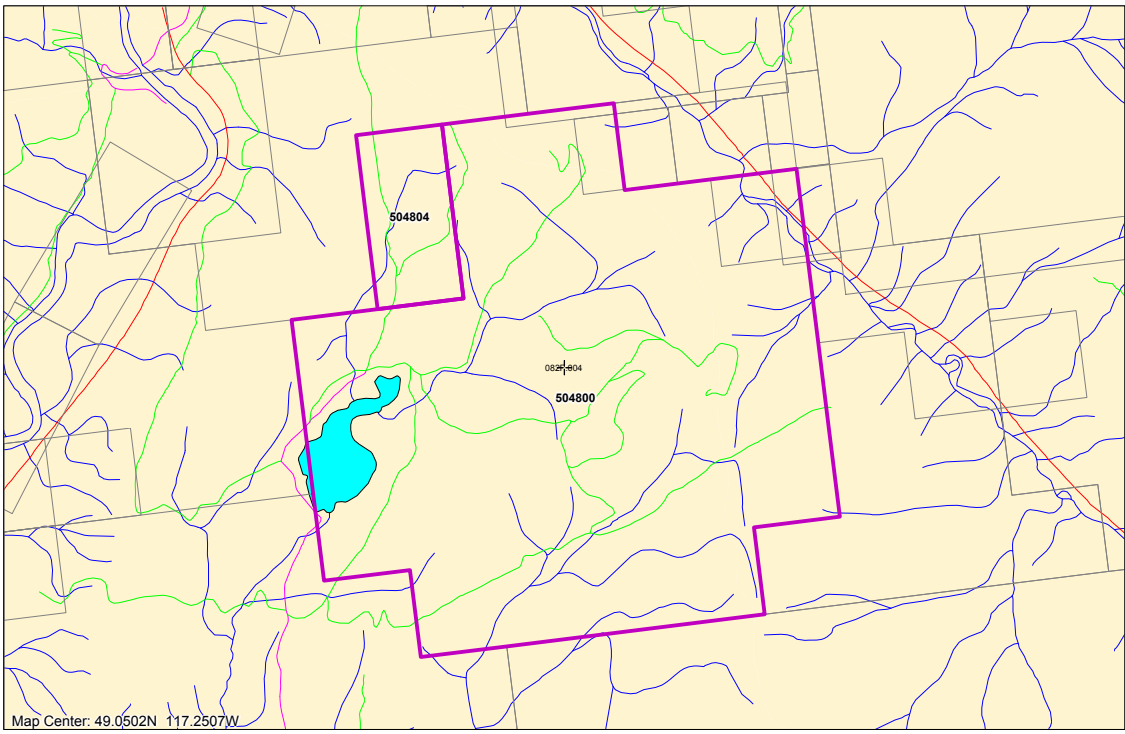
- **Railways 1:20K**
- **Roads 1:20K**
  - Gravel Road
  - Paved Road
  - Rough Road
- **Lakes 1:20K**
- **Rivers 1:20K**

Grid Layers

- **Grid 1:20K - labels**
- **Grid 1:20K - outline**

BC Border Layers

- **BC Border 1:50K**



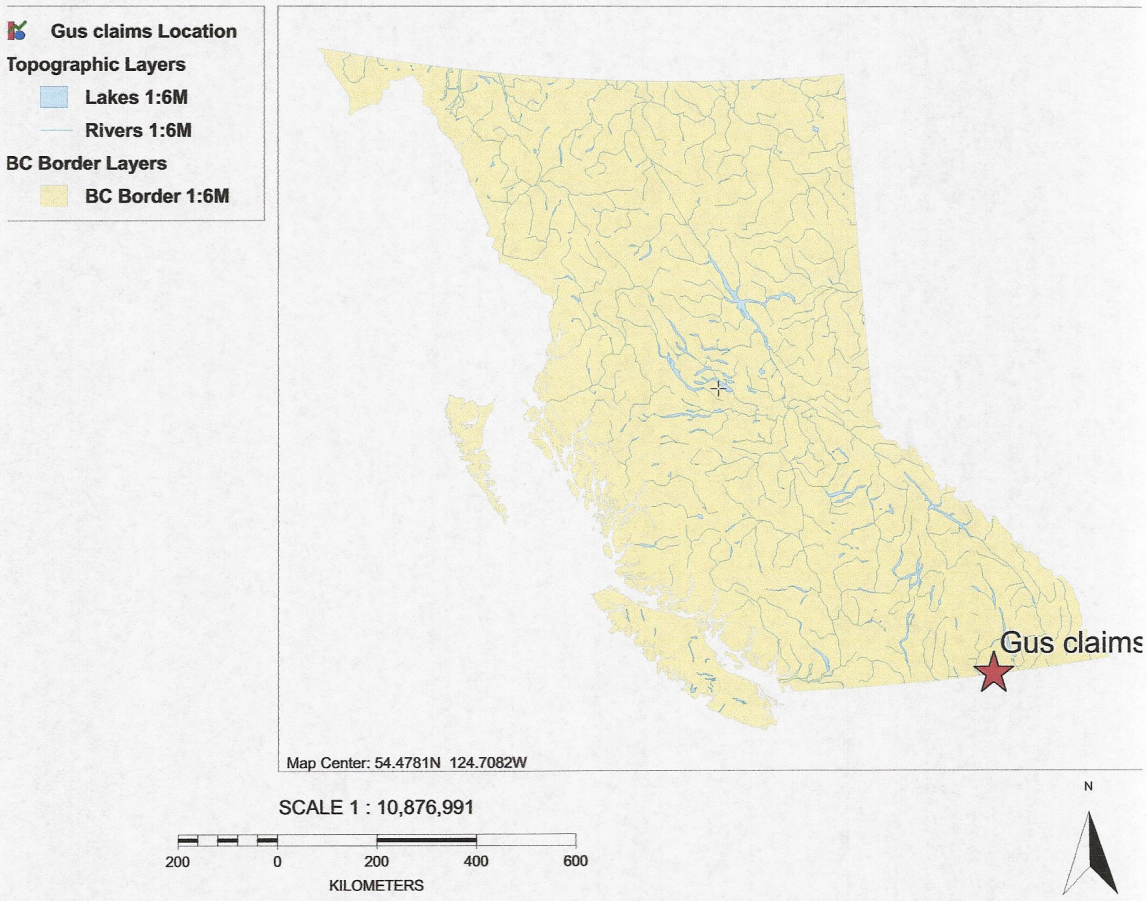
SCALE 1 : 39,913

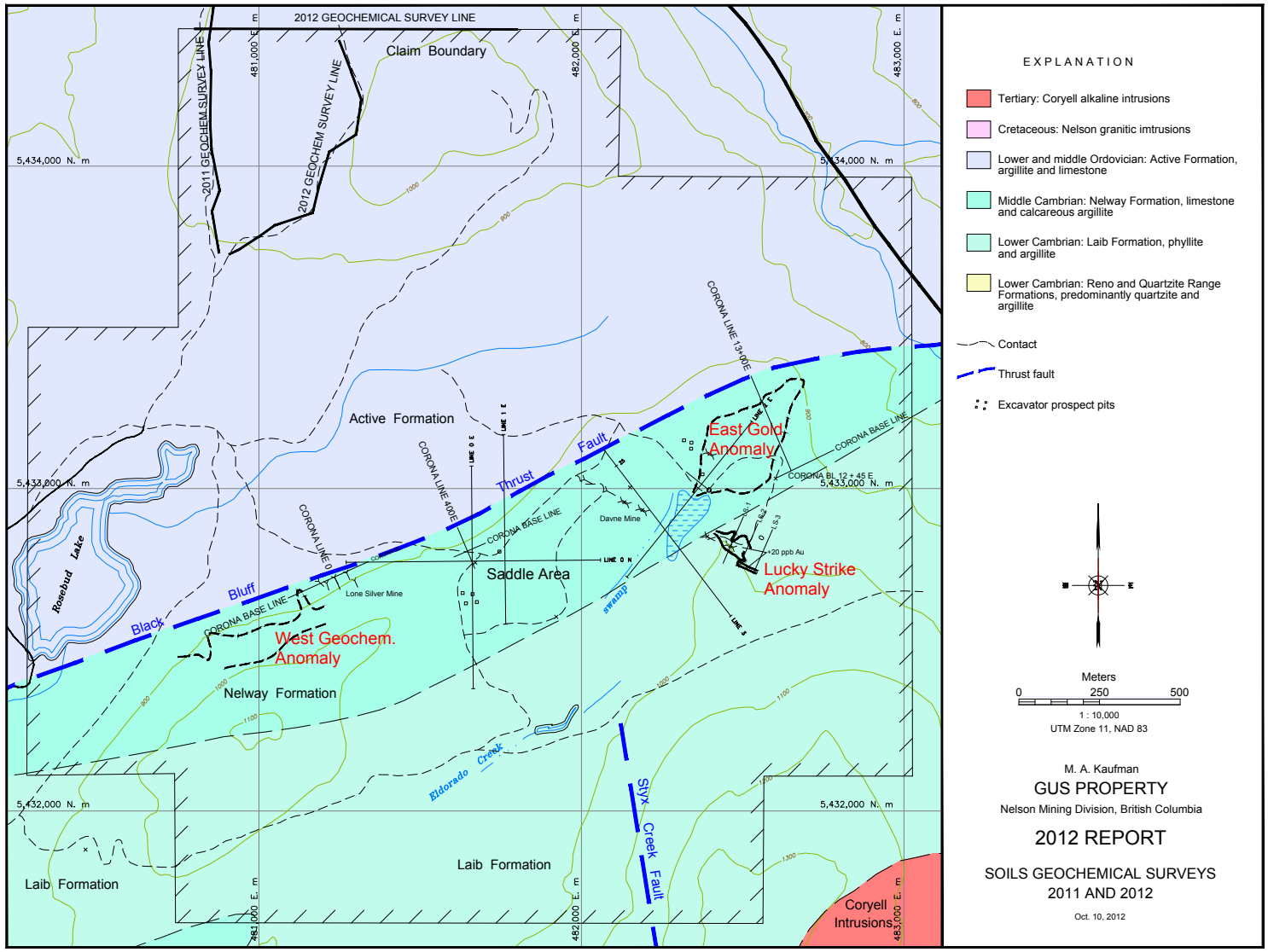
1 0 1 2 3

KILOMETERS

N

Gus claims Location Map





M. A. Kaufman

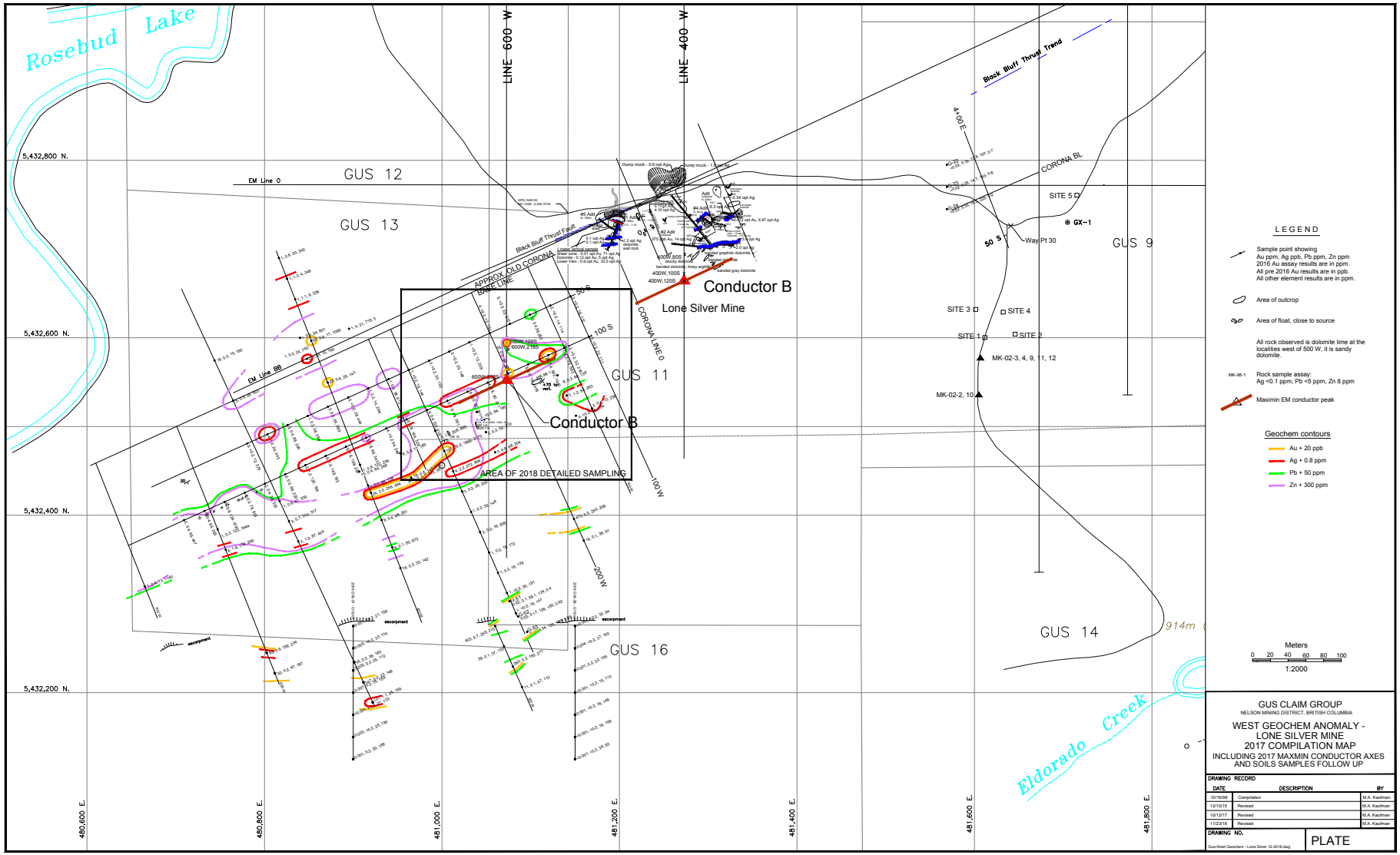
GUS PROPERTY

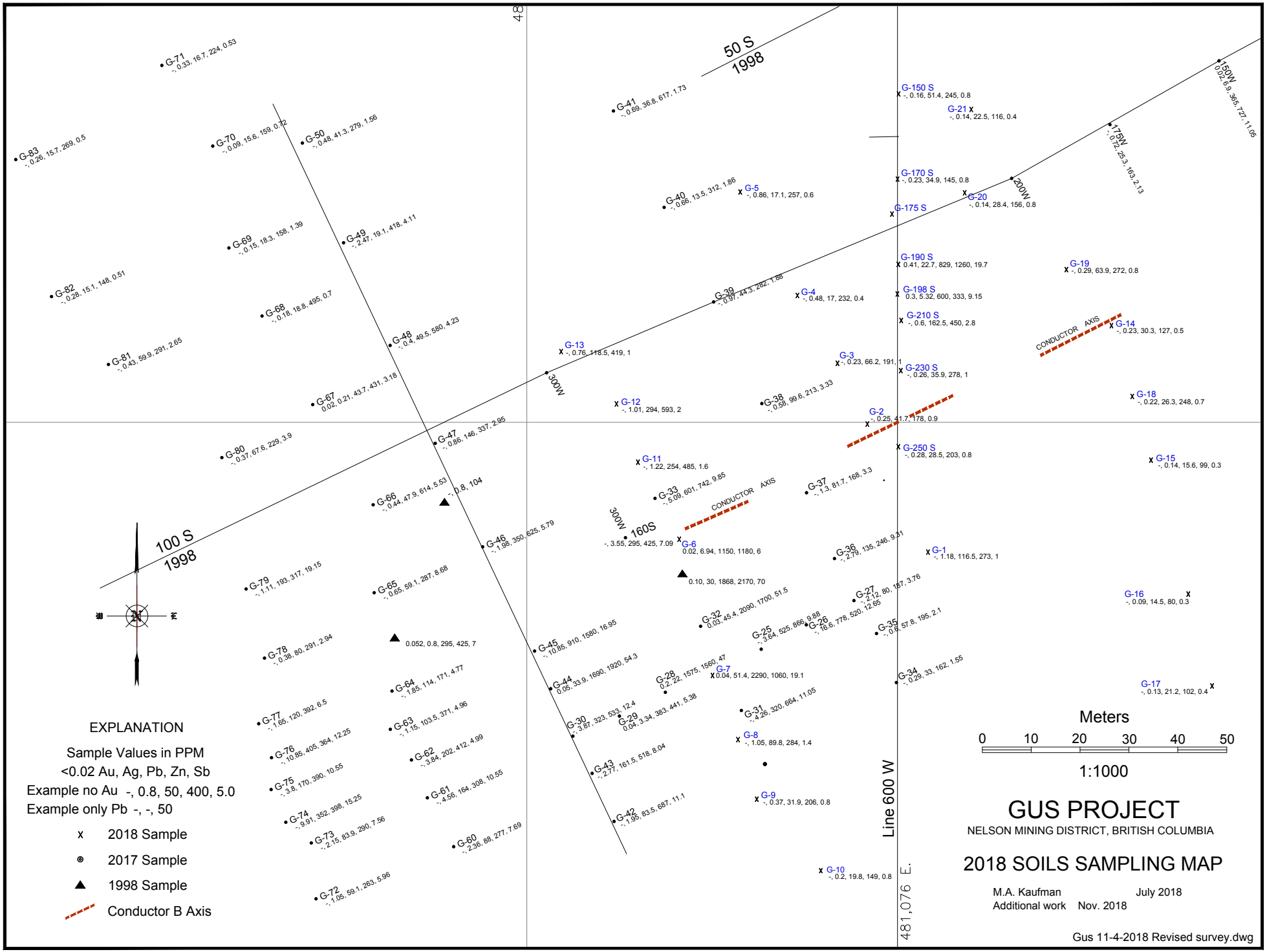
Nelson Mining Division, British Columbia

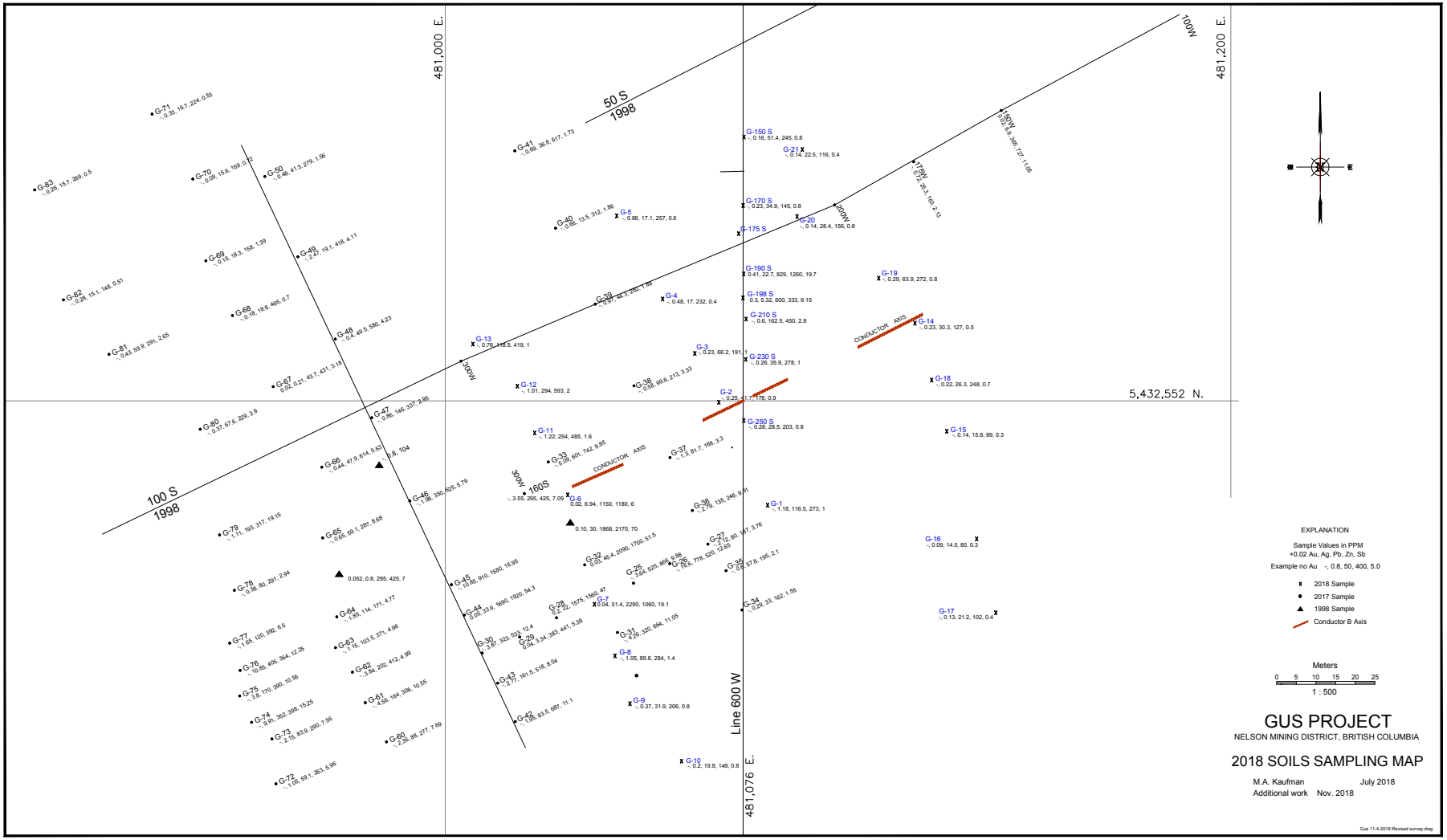
2012 REPORT

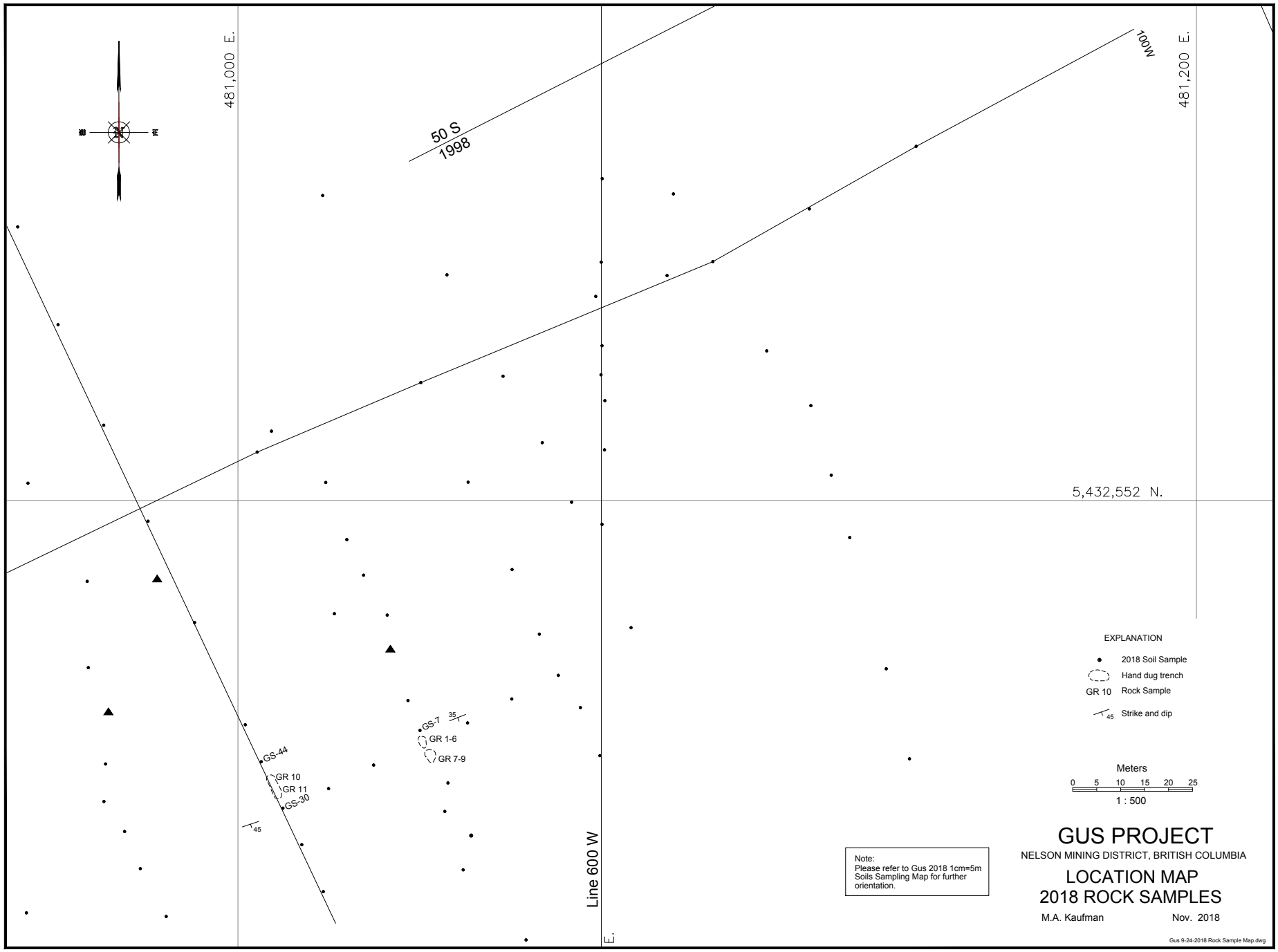
SOILS GEOCHEMICAL SURVEYS
2011 AND 2012

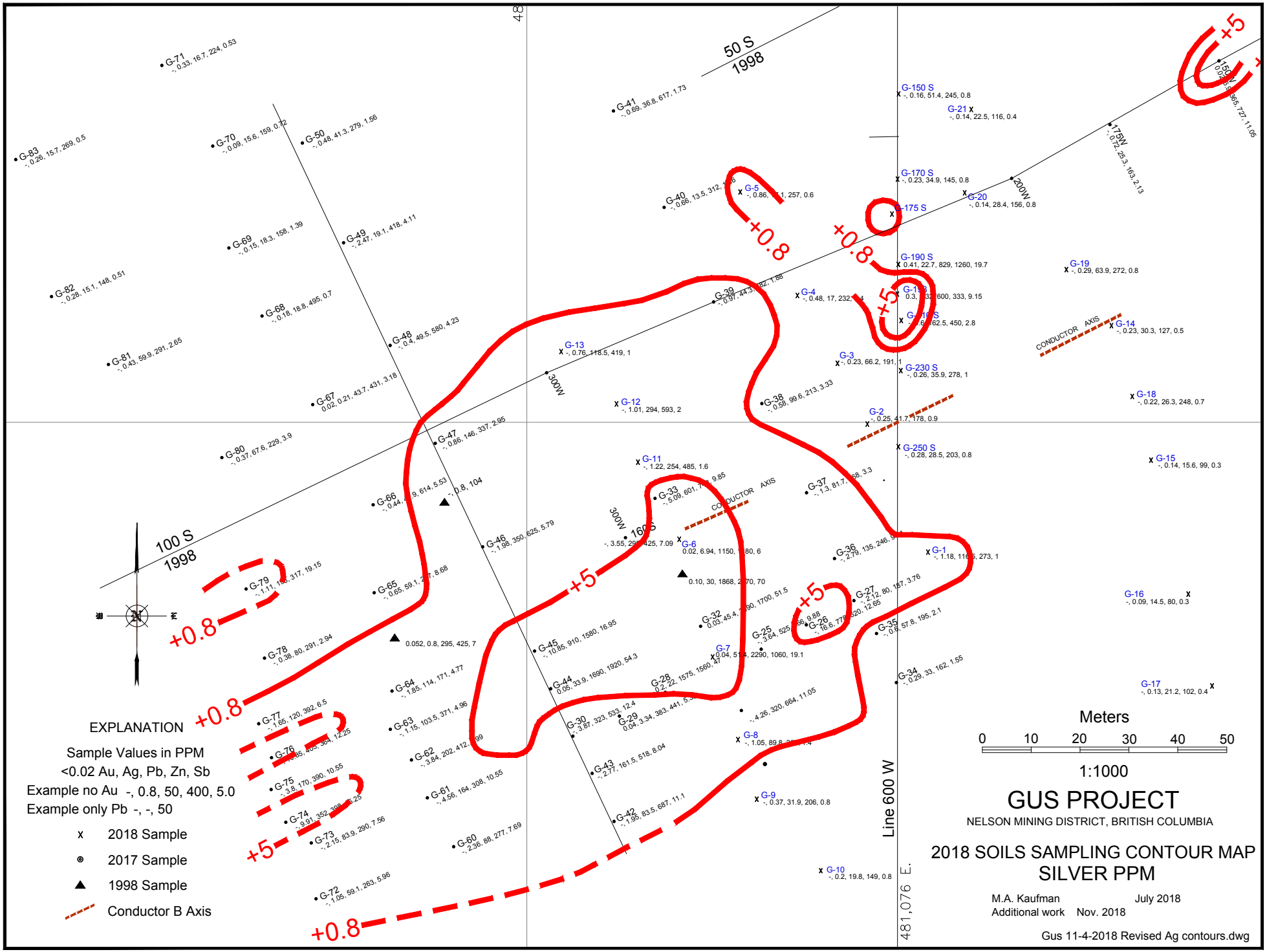
Oct. 10, 2012

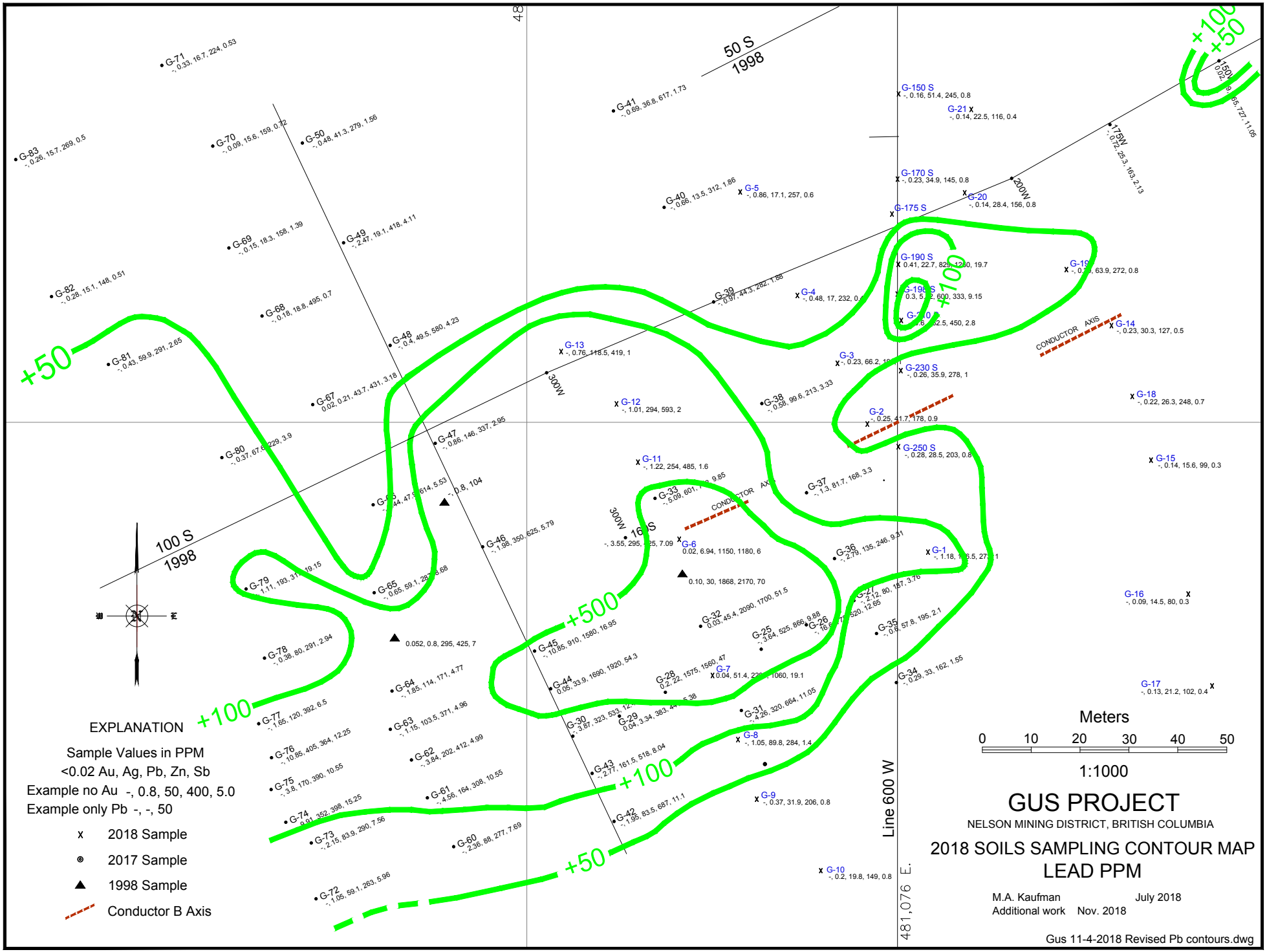

Rosebud Lake
LINE 600 W
LINE 400 W
5,432,800 N.
5,432,600 N.
5,432,400 N.
5,432,200 N.
GUS 12
GUS 13
GUS 11
GUS 16
GUS 14
GUS 9
EM Line 0
EM Line 8S
Black Bluff Thrust Fault
Black Bluff Thrust Trend
APPROX. OLD CORONA BASE LINE
CORONA BL
CORONA LINE 0
Conductor B
Lone Silver Mine
Conductor B
AREA OF 2018 DETAILED SAMPLING
SITE 1
SITE 2
SITE 3
SITE 4
SITE 5
GX-1
Way Pt 30
MK-02-3, 4, 9, 11, 12
MK-02-2, 10
Eldorado Creek
914m
480,600 E.
480,800 E.
481,000 E.
481,200 E.
481,400 E.
481,600 E.
481,800 E.
LEGEND
Sample point showing
Au ppm, Ag ppb, Pb ppm, Zn ppm
2016 Au assay results are in ppm.
All pre 2016 Au results are in ppb.
All other element results are in ppm.
Area of outcrop
Area of float, close to source
All rock observed is dolomite lime at the localities west of 500 W, it is sandy dolomite.
MK-98-1
Rock sample assay:
Ag <0.1 ppm, Pb <5 ppm, Zn 8 ppm
Maximin EM conductor peak
Geochem contours
Au + 20 ppb
Ag + 0.8 ppm
Pb + 50 ppm
Zn + 300 ppm
Meters
0 20 40 60 80 100
1:2000
GUS CLAIM GROUP
NELSON MINING DISTRICT, BRITISH COLUMBIA
WEST GEOCHEM ANOMALY -
LONE SILVER MINE
2017 COMPILATION MAP
INCLUDING 2017 MAXMIN CONDUCTOR AXES
AND SOILS SAMPLES FOLLOW UP
DRAWING RECORD
DATE DESCRIPTION BY
10/16/08 Compilation M.A. Kaufman
12/10/15 Revised M.A. Kaufman
10/12/17 Revised M.A. Kaufman
11/23/18 Revised M.A. Kaufman
DRAWING NO.
Gus-West Geochem - Lone Silver 12-2018.dwg
PLATE

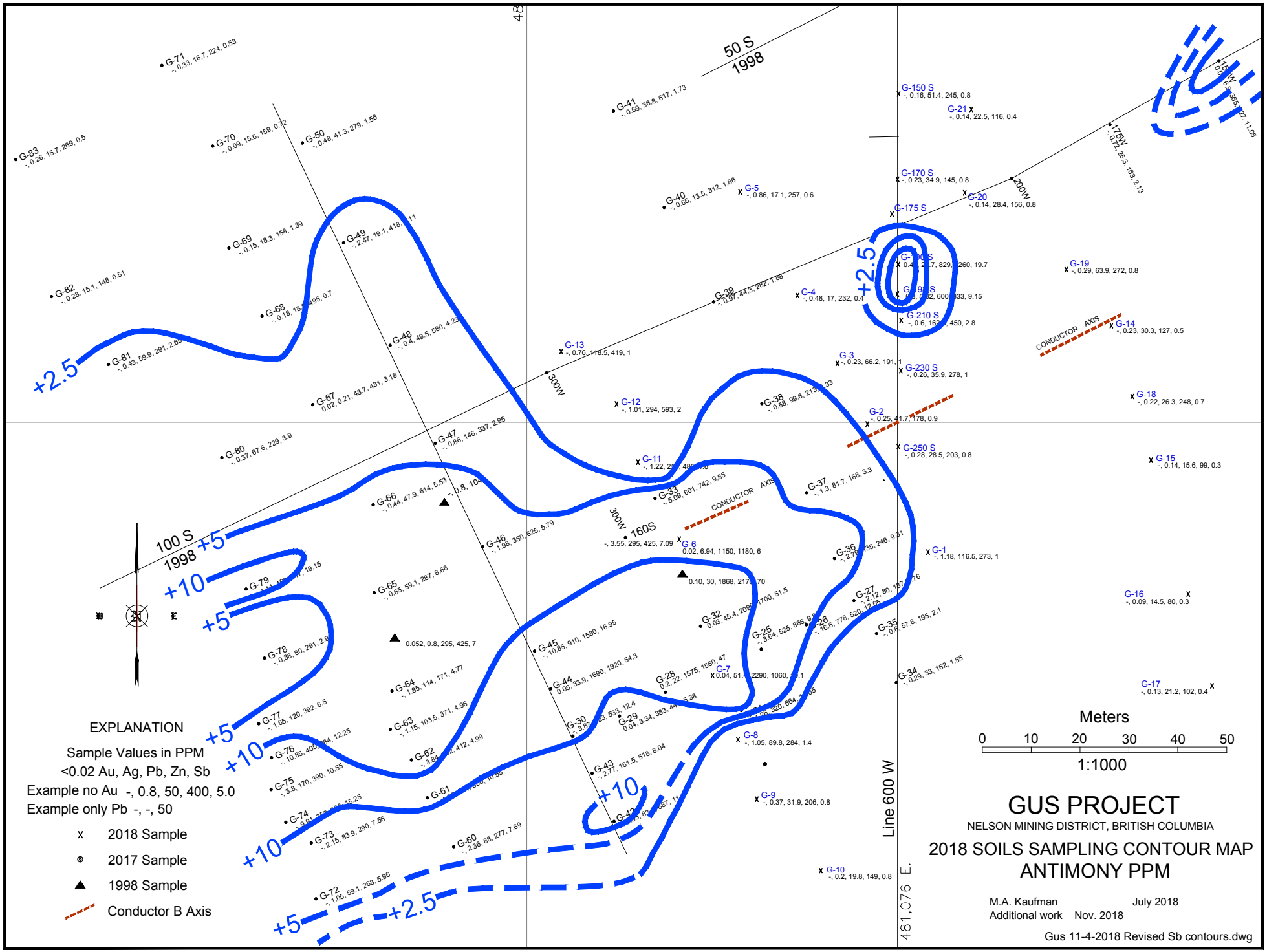

50 S
1998
100 S
1998
300W
200W
175W
150W
160S
CONDUCTOR AXIS
CONDUCTOR AXIS
Line 600 W
481,076 E.
G-71 -, 0.33, 16.7, 224, 0.53
G-83 -, 0.26, 15.7, 269, 0.5
G-70 -, 0.09, 15.6, 159, 0.72
G-50 -, 0.48, 41.3, 279, 1.56
G-41 -, 0.69, 36.8, 617, 1.73
G-150 S -, 0.16, 51.4, 245, 0.8
G-21 -, 0.14, 22.5, 116, 0.4
G-40 -, 0.69, 13.5, 312, 1.86
G-5 -, 0.86, 17.1, 257, 0.6
G-170 S -, 0.23, 34.9, 145, 0.8
G-20 -, 0.14, 28.4, 156, 0.8
G-175 S
G-69 -, 0.15, 18.3, 158, 1.39
G-49 -, 2.47, 19.1, 418, 4.11
G-82 -, 0.28, 15.1, 148, 0.51
G-190 S 0.41, 22.7, 829, 1260, 19.7
G-19 -, 0.29, 63.9, 272, 0.8
G-68 -, 0.16, 18.8, 495, 0.7
G-39 -, 0.97, 44.3, 282, 1.88
G-4 -, 0.48, 17, 232, 0.4
G-198 S 0.3, 5.32, 600, 333, 9.15
G-210 S -, 0.6, 162.5, 450, 2.8
G-14 -, 0.23, 30.3, 127, 0.5
G-48 -, 0.4, 49.5, 580, 4.23
G-81 -, 0.43, 59.9, 291, 2.65
G-13 -, 0.76, 118.5, 419, 1
G-3 -, 0.23, 66.2, 191, 1
G-230 S -, 0.26, 35.9, 278, 1
G-67 0.02, 0.21, 43.7, 431, 3.18
G-12 -, 1.01, 294, 593, 2
G-38 -, 0.58, 99.6, 213, 3.33
G-18 -, 0.22, 26.3, 248, 0.7
G-2 -, 0.25, 41.7, 178, 0.9
G-80 -, 0.37, 67.6, 229, 3.9
G-47 -, 0.86, 146, 337, 2.95
G-250 S -, 0.28, 28.5, 203, 0.8
G-11 -, 1.22, 254, 485, 1.6
G-15 -, 0.14, 15.6, 99, 0.3
G-66 -, 0.44, 47.9, 614, 5.53
0.8, 104
G-33 -, 5.09, 601, 742, 9.85
G-37 -, 1.3, 81.7, 168, 3.3
G-46 -, 1.98, 350, 625, 5.79
-, 3.55, 295, 425, 7.09
G-6 0.02, 6.94, 1150, 1180, 6
G-36 -, 2.79, 135, 246, 9.31
G-1 -, 1.18, 116.5, 273, 1
G-79 -, 1.11, 193, 317, 19.15
G-65 -, 0.65, 59.1, 287, 8.68
0.10, 30, 1868, 2170, 70
G-16 -, 0.09, 14.5, 80, 0.3
G-32 0.03, 45.4, 2090, 1700, 51.5
G-27 -, 2.12, 80, 187, 3.76
G-25 -, 3.64, 525, 866, 9.88
G-26 -, 16.6, 778, 520, 12.65
G-35 -, 0.8, 57.8, 195, 2.1
G-78 -, 0.38, 80, 291, 2.94
0.052, 0.8, 295, 425, 7
G-45 -, 10.85, 910, 1580, 16.95
G-44 0.05, 33.9, 1690, 1920, 54.3
G-28 0.2, 22, 1575, 1560, 47
G-7 0.04, 51.4, 2290, 1060, 19.1
G-34 -, 0.29, 33, 162, 1.55
G-64 -, 1.85, 114, 171, 4.77
G-77 -, 1.65, 120, 392, 6.5
G-30 -, 3.87, 323, 533, 12.4
G-29 0.04, 3.34, 383, 441, 5.38
G-31 -, 4.26, 320, 664, 11.05
G-17 -, 0.13, 21.2, 102, 0.4
G-63 -, 1.15, 103.5, 371, 4.96
G-76 -, 10.85, 405, 364, 12.25
G-62 -, 3.84, 202, 412, 4.99
G-8 -, 1.05, 89.8, 284, 1.4
G-75 -, 3.8, 170, 390, 10.55
G-43 -, 2.77, 161.5, 518, 8.04
G-74 -, 9.91, 352, 398, 15.25
G-61 -, 4.56, 164, 308, 10.55
G-9 -, 0.37, 31.9, 206, 0.8
G-73 -, 2.15, 83.9, 290, 7.56
G-42 -, 1.95, 83.5, 687, 11.1
G-60 -, 2.36, 88, 277, 7.69
G-72 -, 1.05, 59.1, 263, 5.96
G-10 -, 0.2, 19.8, 149, 0.8
EXPLANATION
Sample Values in PPM
<0.02 Au, Ag, Pb, Zn, Sb
Example no Au -, 0.8, 50, 400, 5.0
Example only Pb -, -, 50
x 2018 Sample
2017 Sample
1998 Sample
Conductor B Axis
Meters
0 10 20 30 40 50
1:1000
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
2018 SOILS SAMPLING MAP
M.A. Kaufman July 2018
Additional work Nov. 2018
Gus 11-4-2018 Revised survey.dwg

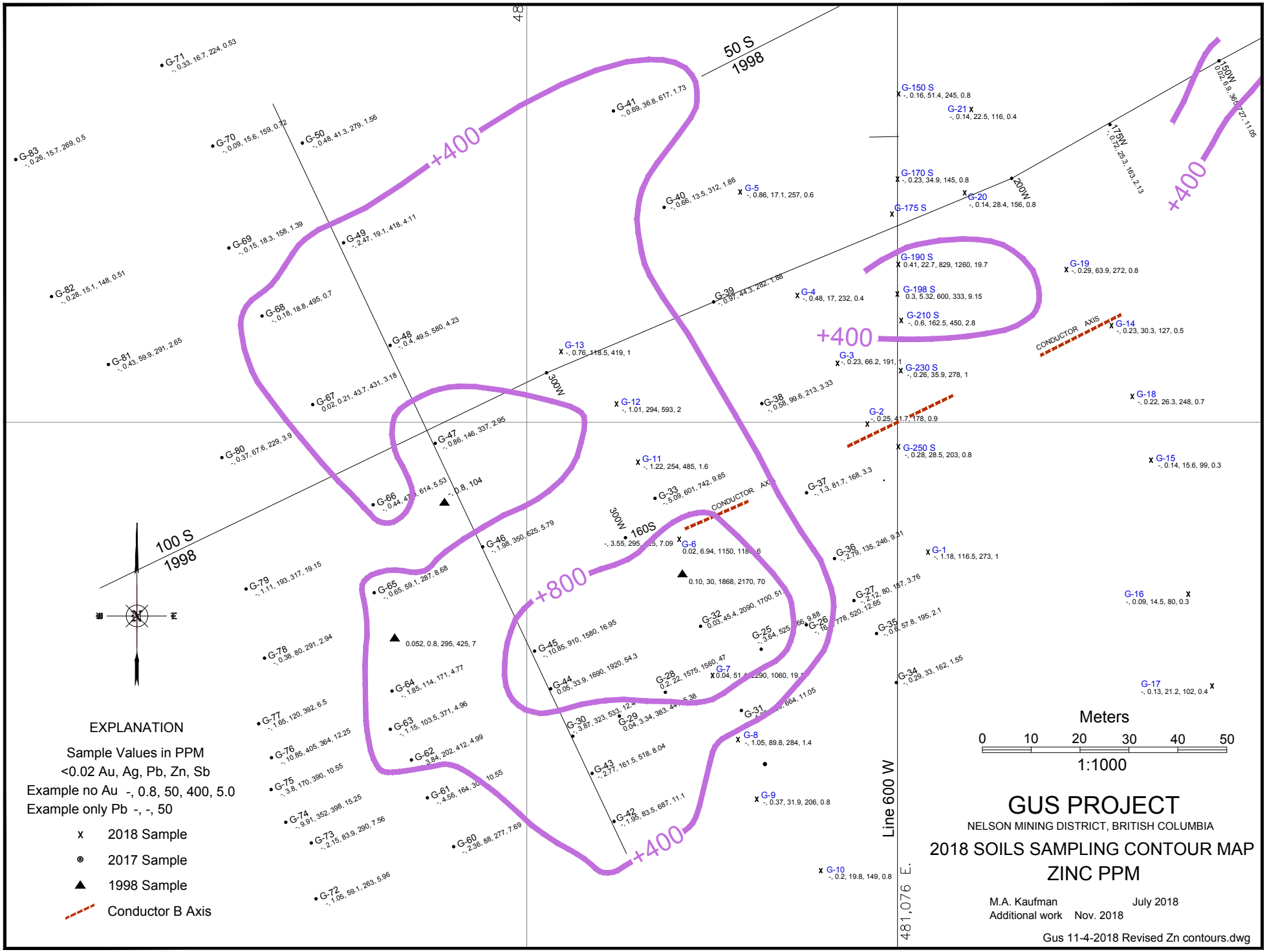

481,000 E.
481,200 E.
481,076 E.
Line 600 W
50 S
1998
100 S
1998
100W
200W
300W
150W
175W
300W
160S
5,432,552 N.
CONDUCTOR AXIS
CONDUCTOR AXIS
G-71 -, 0.33, 16.7, 224, 0.53
G-83 -, 0.45, 15.7, 269, 0.5
G-70 -, 0.09, 15.6, 159, 0.2
G-50 -, 0.48, 41.3, 279, 1.56
G-41 -, 0.69, 36.8, 617, 1.73
G-150 S -, 0.16, 51.4, 245, 0.8
G-21 -, 0.14, 22.5, 116, 0.4
G-40 -, 0.06, 13.5, 312, 1.86
G-5 -, 0.86, 17.1, 257, 0.6
G-170 S -, 0.23, 34.9, 145, 0.8
G-175 S
G-20 -, 0.14, 28.4, 156, 0.8
G-69 -, 0.15, 18.3, 158, 1.39
G-49 -, 2.47, 19.1, 418, 4.11
G-82 -, 0.28, 15.1, 148, 0.51
G-68 -, 0.18, 18.8, 495, 0.7
G-190 S 0.41, 22.7, 829, 1260, 19.7
G-19 -, 0.29, 63.9, 272, 0.8
G-39 -, 0.07, 40.3, 282, 1.85
G-4 -, 0.48, 17, 232, 0.4
G-198 S 0.3, 5.32, 600, 333, 9.15
G-210 S -, 0.6, 162.5, 450, 2.8
G-14 -, 0.23, 30.3, 127, 0.5
G-46 -, 0.4, 49.5, 580, 4.23
G-13 -, 0.76, 118.5, 419, 1
G-81 -, 0.43, 59.9, 291, 2.65
G-3 -, 0.23, 66.2, 191, 1
G-230 S -, 0.26, 35.9, 278, 1
G-67 0.02, 0.21, 43.7, 431, 3.18
G-12 -, 1.01, 294, 593, 2
G-38 -, 0.09, 99.6, 213, 3.33
G-18 -, 0.22, 26.3, 248, 0.7
G-2 -, 0.25, 41.7, 178, 0.9
G-80 -, 0.37, 67.6, 229, 3.9
G-47 -, 0.86, 146, 337, 2.95
G-250 S -, 0.28, 28.5, 203, 0.8
G-11 -, 1.22, 254, 485, 1.6
G-15 -, 0.14, 15.6, 99, 0.3
G-66 -, 0.44, 47.9, 614, 5.53
0.8, 104
G-33 -, 0.09, 601, 742, 9.85
G-37 -, 1.1, 81.7, 168, 3.3
G-46 -, 1.98, 359, 535, 5.79
G-6 0.02, 6.94, 1150, 1180, 6
G-1 1.18, 116.5, 273, 1
G-36 -, 2.79, 135, 246, 9.01
0.10, 30, 1868, 2170, 70
G-79 -, 1.11, 193, 317, 19.15
G-65 -, 0.69, 69.1, 287, 8.68
G-16 -, 0.09, 14.5, 80, 0.3
G-27 -, 2.43, 80, 167, 3.76
G-32 -, 0.03, 45.4, 2090, 1700, 51.5
G-45 -, 10.65, 910, 1580, 16.95
G-25 -, 3.64, 535, 866, 9.86
G-78 -, 0.38, 80, 291, 2.94
0.052, 0.8, 295, 425, 7
G-26 -, 16.6, 778, 520, 12.65
G-35 -, 0.07, 57.8, 195, 2.1
G-64 -, 1.85, 114, 171, 4.77
G-44 -, 0.05, 33.9, 1690, 1920, 54.3
G-29 0.2, 22, 1575, 1560, 47
G-7 0.04, 51.4, 2290, 1060, 19.1
G-34 -, 0.29, 33, 162, 1.55
G-77 -, 1.65, 120, 392, 6.5
G-30 -, 3.57, 323, 532, 12.4
G-29 0.04, 3.34, 383, 441, 5.38
G-31 -, 2.28, 320, 694, 11.05
G-17 -, 0.13, 21.2, 102, 0.4
G-63 -, 1.15, 103.5, 371, 4.96
G-76 -, 10.85, 405, 364, 12.25
G-62 -, 3.64, 202, 412, 4.99
G-8 -, 1.05, 89.8, 284, 1.4
G-43 -, 2.77, 161.5, 518, 8.04
G-75 -, 3.8, 170, 390, 10.55
G-61 -, 4.56, 164, 308, 10.55
G-74 -, 9.91, 362, 398, 15.25
G-9 -, 0.37, 31.9, 206, 0.8
G-73 -, 2.15, 83.9, 260, 7.55
G-42 -, 1.05, 83.5, 667, 11.1
G-60 -, 2.56, 88, 277, 7.69
G-10 -, 0.2, 19.8, 149, 0.8
G-72 -, 1.05, 59.1, 363, 5.96
EXPLANATION
Sample Values in PPM
+0.02 Au, Ag, Pb, Zn, Sb
Example no Au -, 0.8, 50, 400, 5.0
2018 Sample
2017 Sample
1998 Sample
Conductor B Axis
Meters
0 5 10 15 20 25
1 : 500
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
2018 SOILS SAMPLING MAP
M.A. Kaufman July 2018
Additional work Nov. 2018
Gus 11-4-2018 Revised survey.dwg

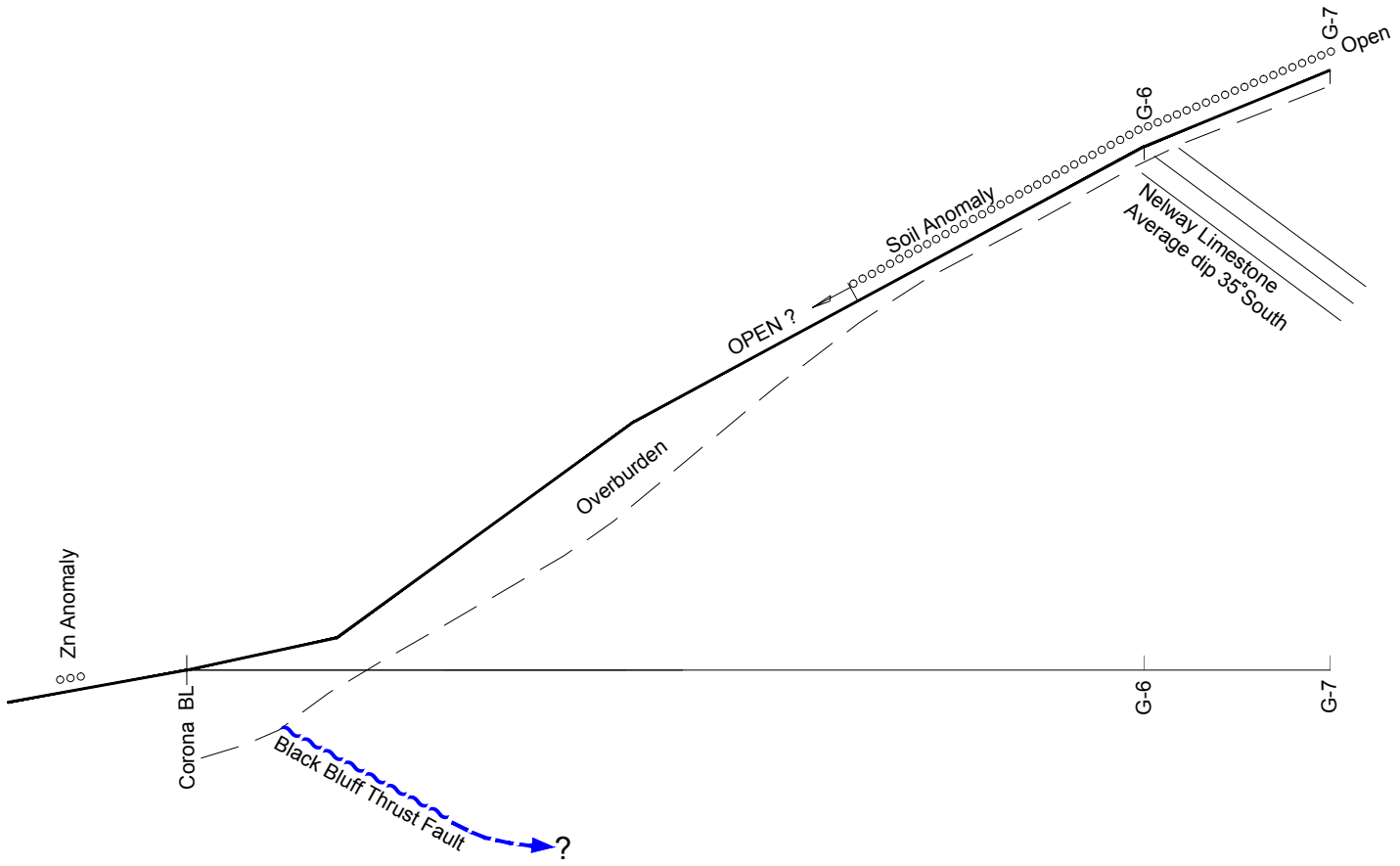

481,000 E.
481,200 E.
50 S
1998
100W
5,432,552 N.
Line 600 W
GS-44
GR 10
GR 11
GS-30
45
GS-7
35
GR 1-6
GR 7-9
EXPLANATION
2018 Soil Sample
Hand dug trench
GR 10 Rock Sample
45 Strike and dip
Meters
0 5 10 15 20 25
1 : 500
Note:
Please refer to Gus 2018 1cm=5m Soils Sampling Map for further orientation.
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
LOCATION MAP
2018 ROCK SAMPLES
M.A. Kaufman
Nov. 2018
Gus 9-24-2018 Rock Sample Map.dwg


EXPLANATION
Sample Values in PPM
<0.02 Au, Ag, Pb, Zn, Sb
Example no Au -, 0.8, 50, 400, 5.0
Example only Pb -, -, 50
2018 Sample
2017 Sample
1998 Sample
Conductor B Axis
Meters
0 10 20 30 40 50
1:1000
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
2018 SOILS SAMPLING CONTOUR MAP
SILVER PPM
M.A. Kaufman July 2018
Additional work Nov. 2018
Gus 11-4-2018 Revised Ag contours.dwg
Line 600 W
481,076 E.
50 S
1998
100 S
1998
300W
200W
175W
CONDUCTOR AXIS
+0.8
+5


+50
+100
+500
+100
+50
50 S
1998
100 S
1998
300W
200W
175W
CONDUCTOR AXIS
CONDUCTOR AXIS
Line 600 W
481,076 E.
EXPLANATION
Sample Values in PPM
<0.02 Au, Ag, Pb, Zn, Sb
Example no Au -, 0.8, 50, 400, 5.0
Example only Pb -, -, 50
2018 Sample
2017 Sample
1998 Sample
Conductor B Axis
Meters
0 10 20 30 40 50
1:1000
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
2018 SOILS SAMPLING CONTOUR MAP
LEAD PPM
M.A. Kaufman July 2018
Additional work Nov. 2018
Gus 11-4-2018 Revised Pb contours.dwg


EXPLANATION
Sample Values in PPM
<0.02 Au, Ag, Pb, Zn, Sb
Example no Au -, 0.8, 50, 400, 5.0
Example only Pb -, -, 50
2018 Sample
2017 Sample
1998 Sample
Conductor B Axis
Meters
0 10 20 30 40 50
1:1000
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
2018 SOILS SAMPLING CONTOUR MAP
ANTIMONY PPM
M.A. Kaufman July 2018
Additional work Nov. 2018
Gus 11-4-2018 Revised Sb contours.dwg
Line 600 W
481,076 E.
50 S
1998
100 S
1998
160S
300W
200W
175W
CONDUCTOR AXIS
+2.5
+5
+10


+400
+800
+400
+400
50 S
1998
100 S
1998
300W
300W
160S
200W
175W
150W
CONDUCTOR AXIS
CONDUCTOR AXIS
Line 600 W
481,076 E.
EXPLANATION
Sample Values in PPM
<0.02 Au, Ag, Pb, Zn, Sb
Example no Au -, 0.8, 50, 400, 5.0
Example only Pb -, -, 50
2018 Sample
2017 Sample
1998 Sample
Conductor B Axis
Meters
0 10 20 30 40 50
1:1000
GUS PROJECT
NELSON MINING DISTRICT, BRITISH COLUMBIA
2018 SOILS SAMPLING CONTOUR MAP
ZINC PPM
M.A. Kaufman July 2018
Additional work Nov. 2018
Gus 11-4-2018 Revised Zn contours.dwg



INTERPRETIVE SECTION - LOOKING EAST

AZIMUTH 155° - 335°

Meters

0 10 20 30 40 50

1:1000

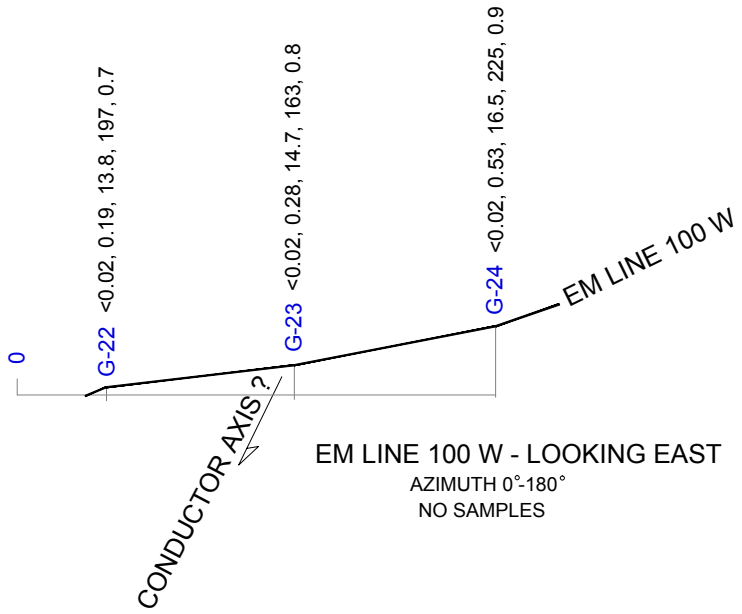
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

INTERPRETIVE SECTION
GS-6 SOILS SAMPLE

M.A. Kaufman Nov.. 2018

Gus 11-23-2018 Interpretative Profile.dwg



EM LINE 100 W - LOOKING EAST
AZIMUTH 0°-180°
NO SAMPLES

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

Meters
0 10 20 30 40 50
1:1000

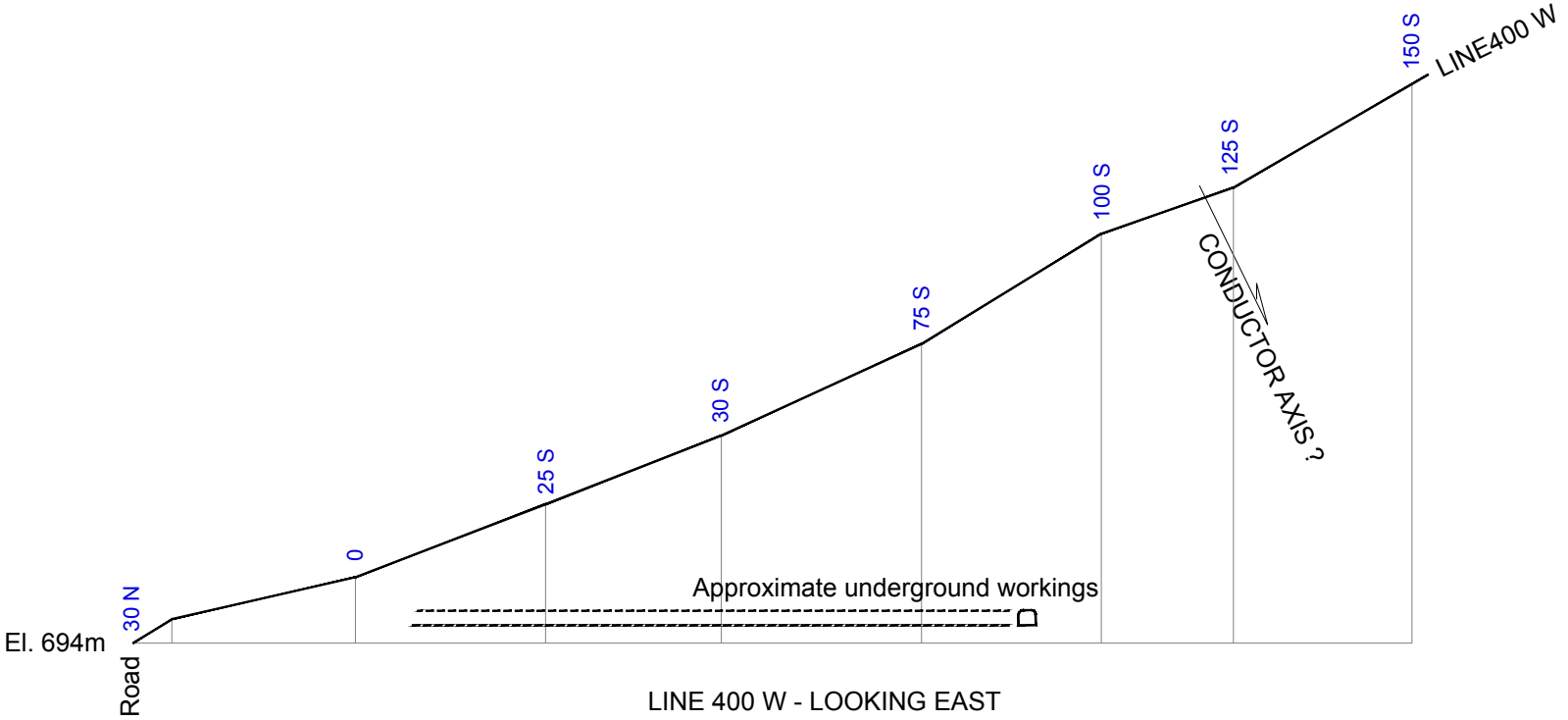
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

PROFILE EM LINE 100 W

M.A. Kaufman July 2018

Gus 7-16-2018 Profile Line 100 W.dwg



LINE 400 W - LOOKING EAST

AZIMUTH 0˚-180˚

NO SAMPLES

Meters

0 10 20 30 40 50

1:1000

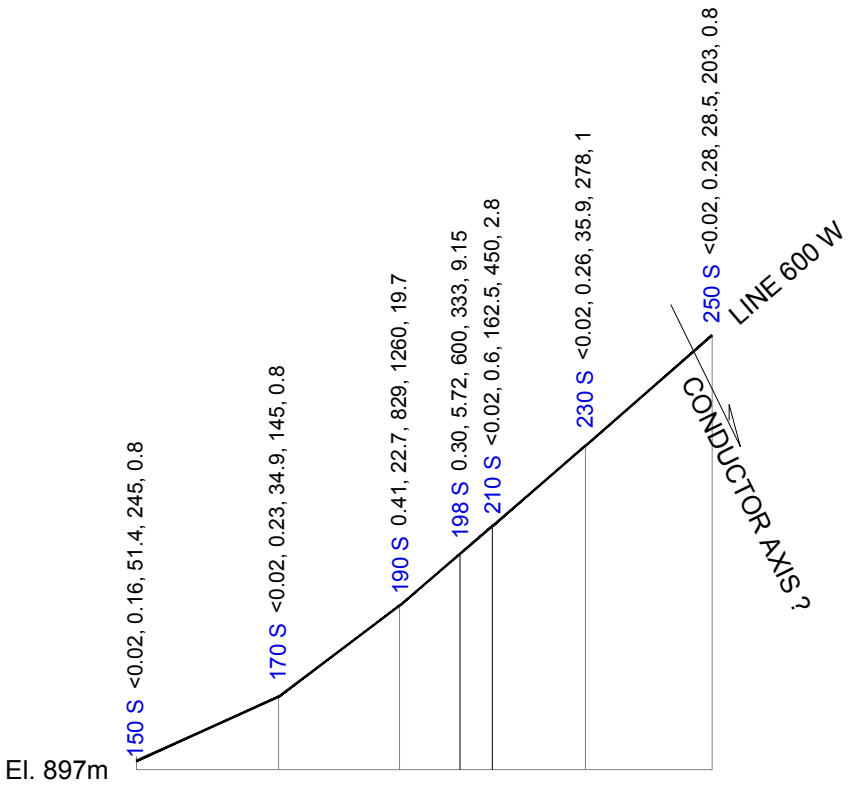
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

PROFILE LINE 400 W

M.A. Kaufman July 2018

Gus 7-16-2018 Profile Line 400 W.dwg



EM LINE 600 W - LOOKING EAST

AZIMUTH 0 -180° N - S

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

Meters

0 10 20 30 40 50

1:1000

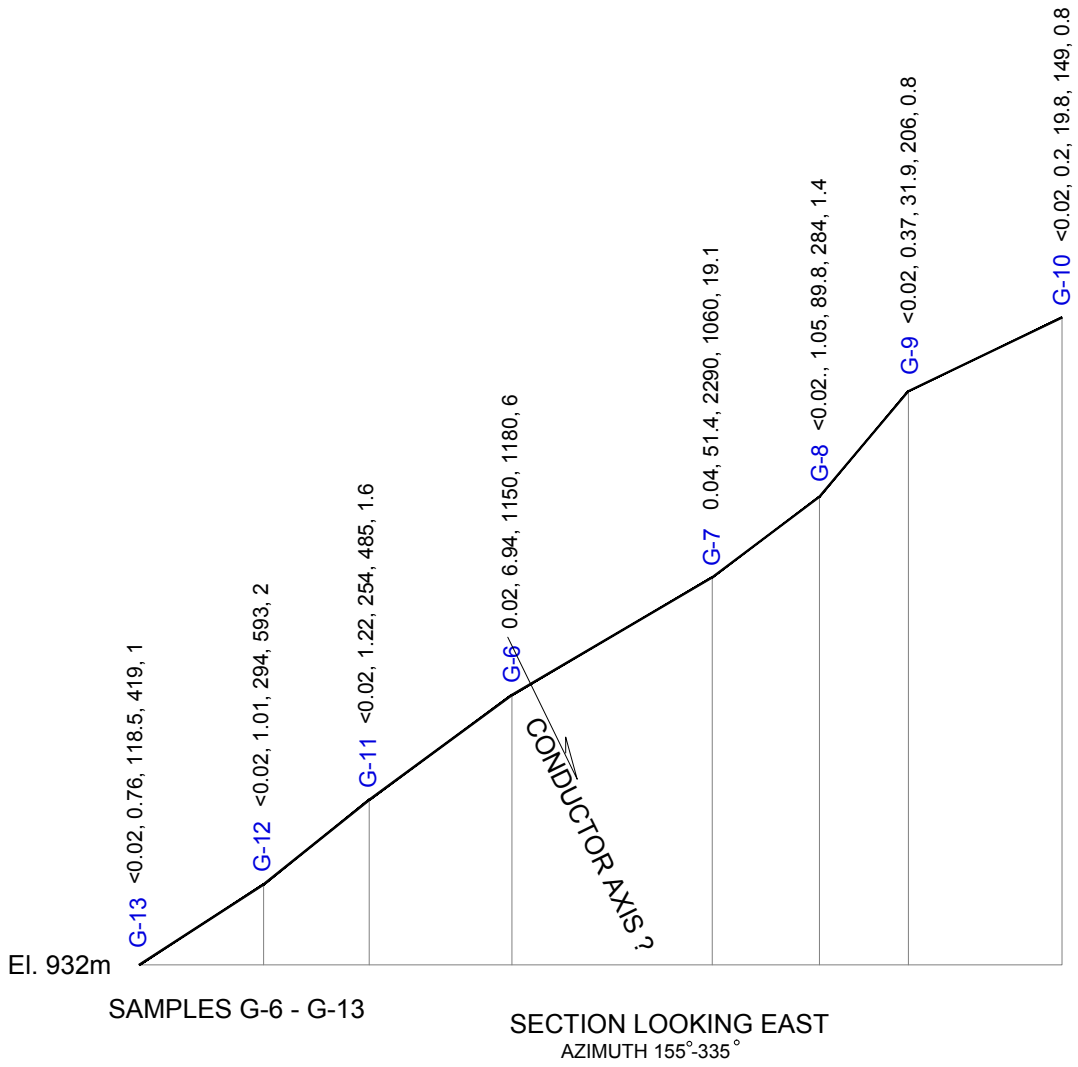
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

PROFILE EM LINE 600 W

M.A. Kaufman July 2018

Gus 7-16-2018 Profile 600W.dwg



SAMPLES G-6 - G-13

SECTION LOOKING EAST
AZIMUTH 155°-335°

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

Meters
0 10 20 30 40 50

1:1000

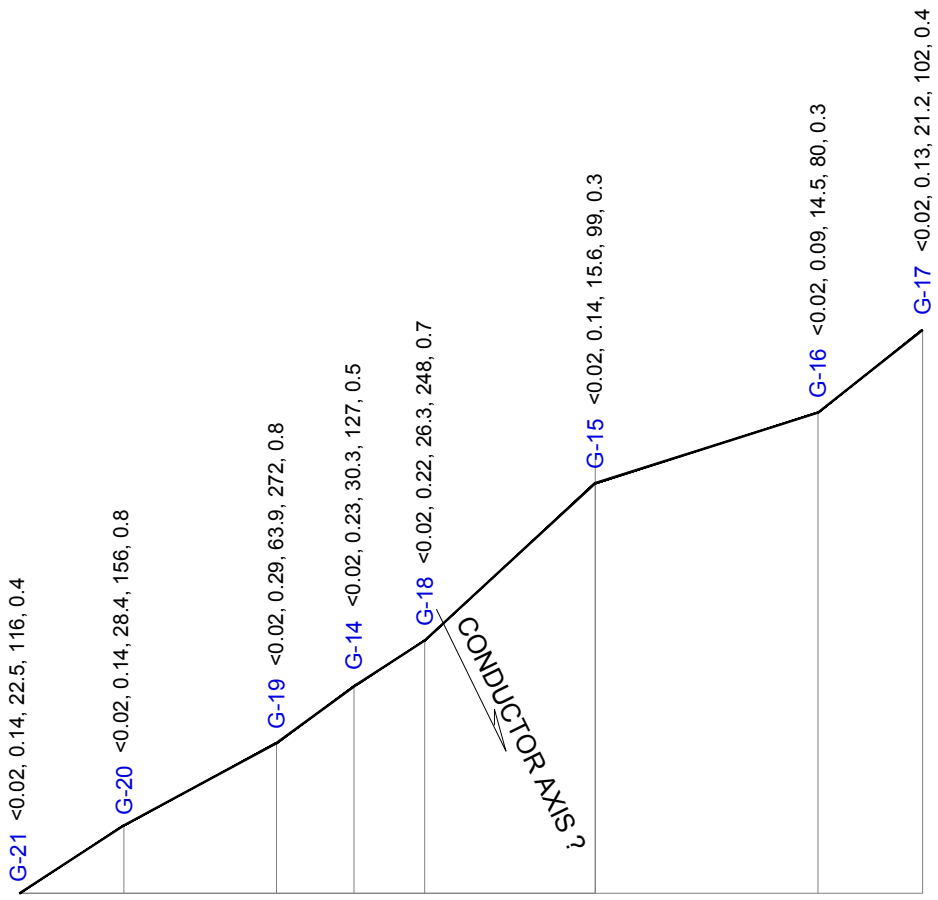
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

PROFILE LINE SAMPLES G-6 - G-13

M.A. Kaufman July 2018

Gus 7-16-2018 Profile G-6 - G-13.dwg



SAMPLES G-15 - G-21

SECTION LOOKING EAST
AZIMUTH 155°-335°

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

Meters

0 10 20 30 40 50

1:1000

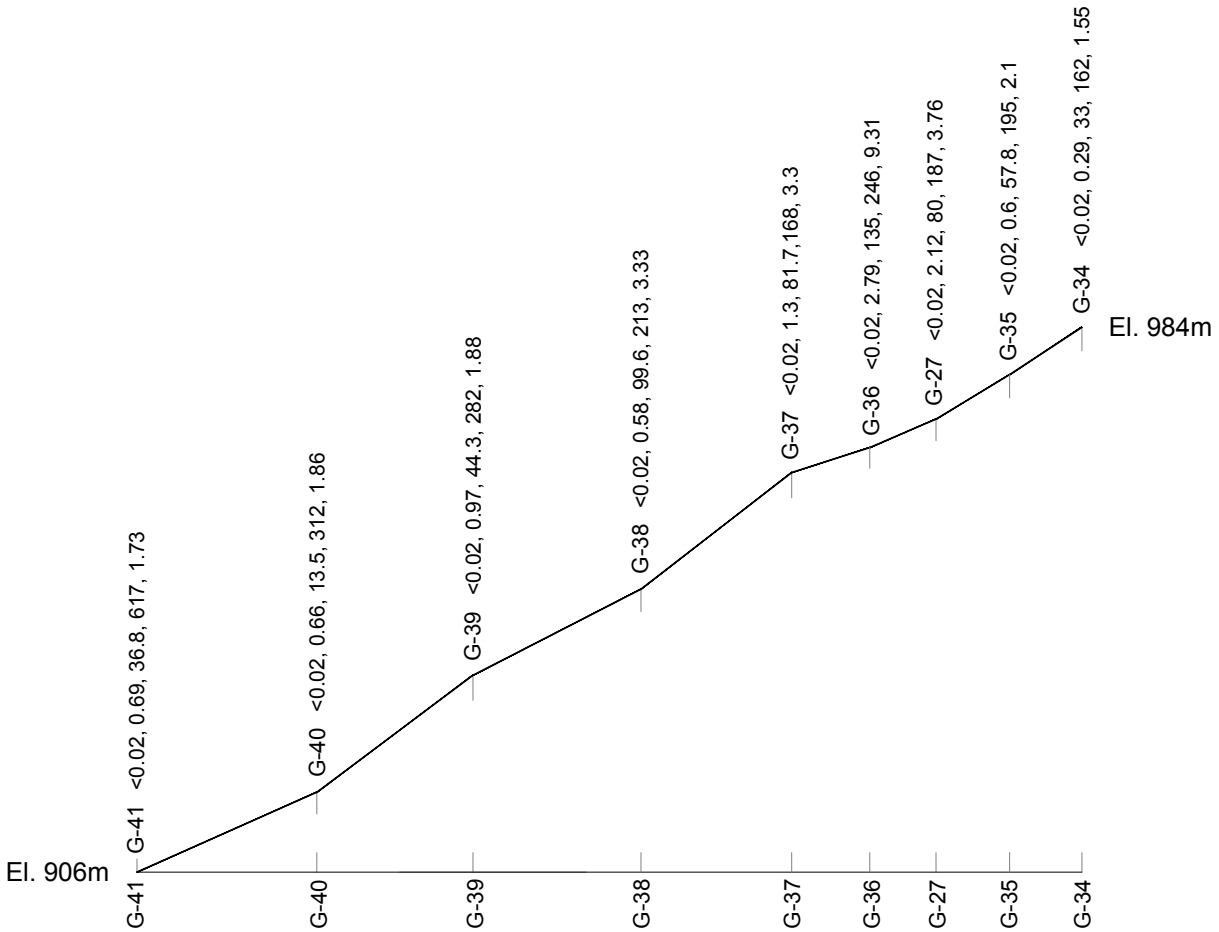
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

PROFILE LINE SAMPLES G-14 - G-21

M.A. Kaufman July 2018

Gus 7-16-2018 Profile G-14 - G-21.dwg



SAMPLES G-27, G-34 - 41 - LOOKING EAST

AZIMUTH 155°335°

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

Meters

0 10 20 30 40 50

1:1000

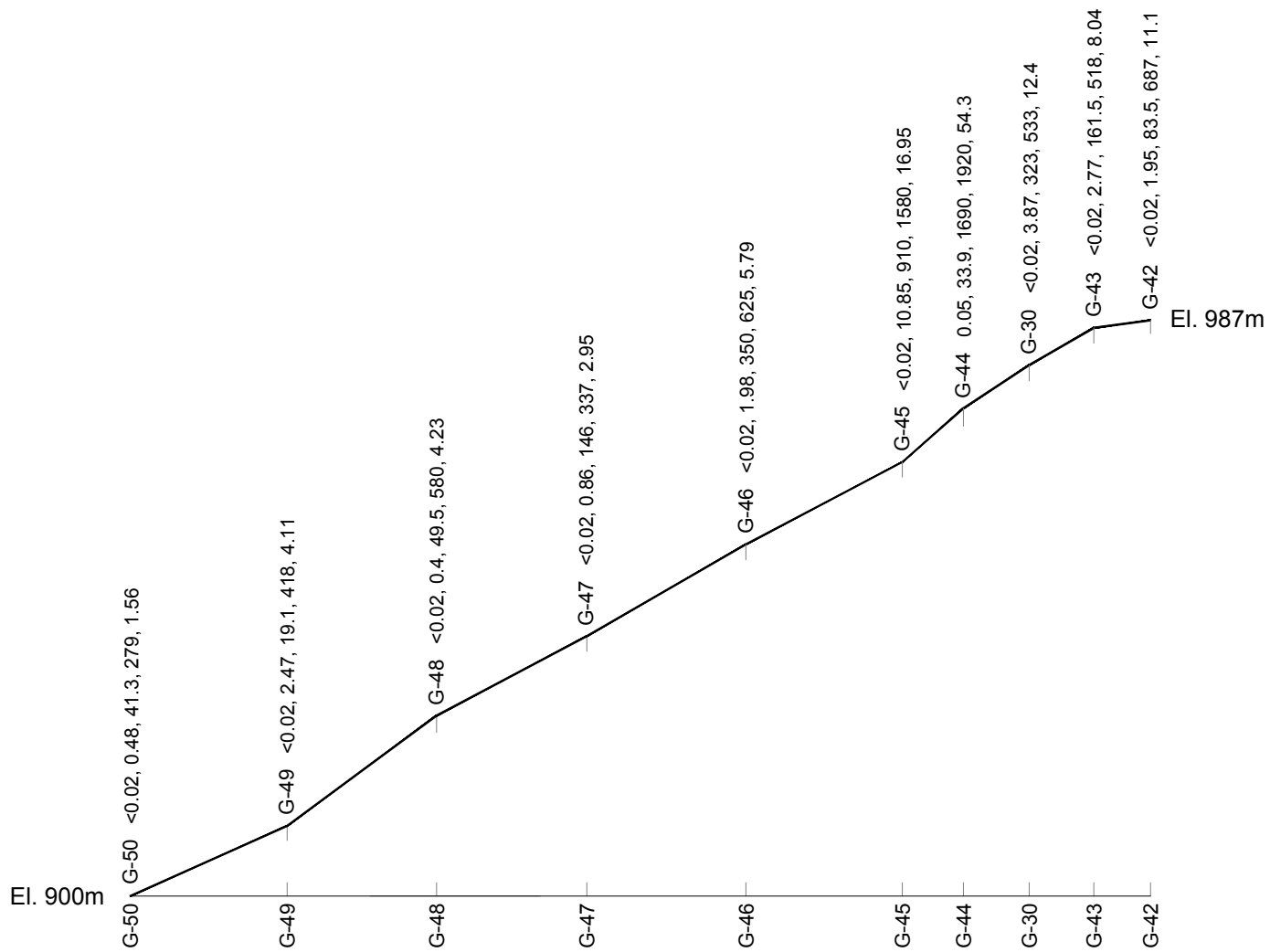
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

SAMPLE PROFILE G-27, G-34 - 41

M.A. Kaufman July 2018

Gus 9-19-2018 Profile G-27, 34-41.dwg



SAMPLES G-30, G42 - 50 SECTION - LOOKING EAST

AZIMUTH 155°- 325°

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

Meters

0 10 20 30 40 50

1:1000

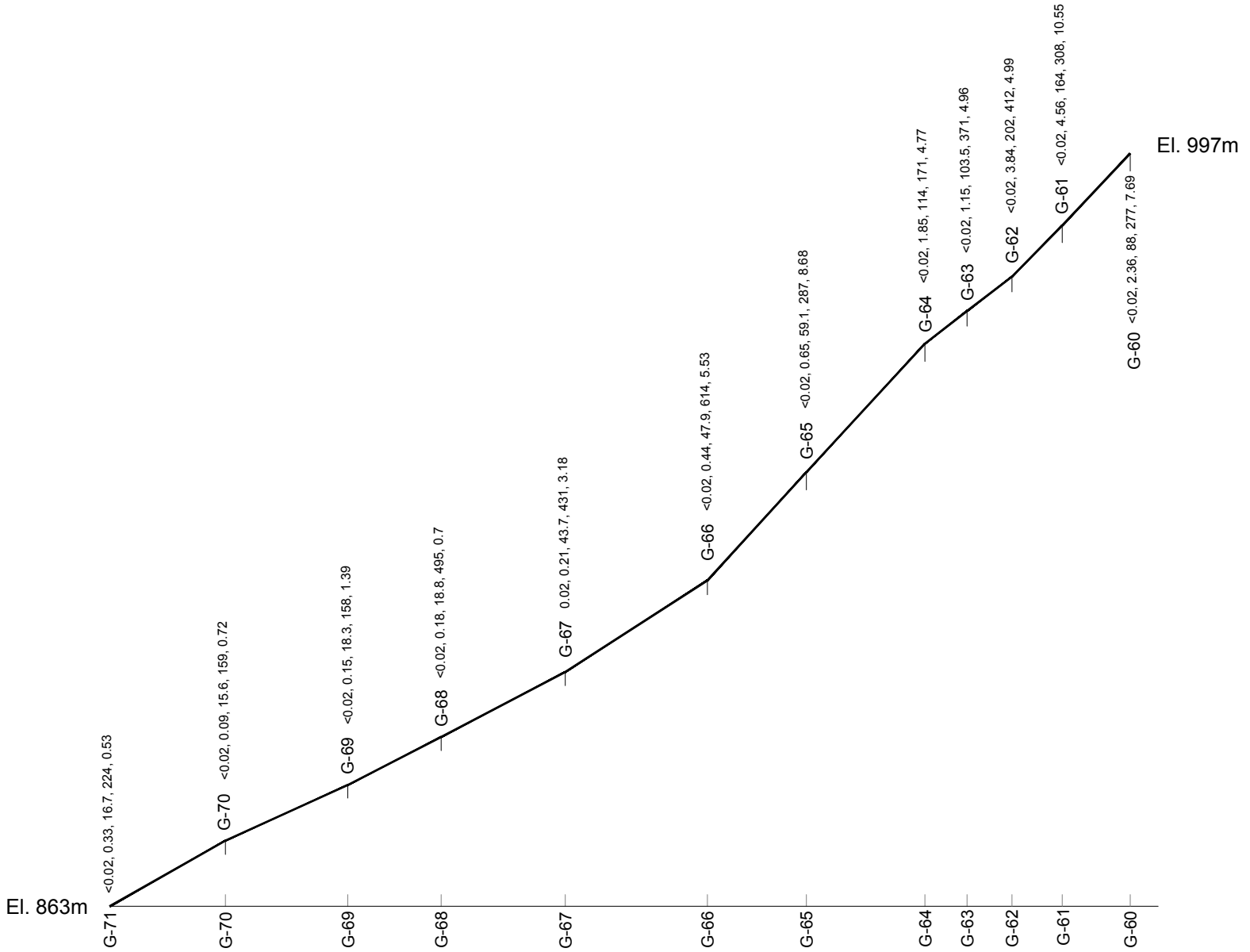
GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

SAMPLE PROFILE G-30, G-42 - 50

M.A. Kaufman July 2018

Gus 9-19-2018 Profile G-30 42-50.dwg



SAMPLES G-60, G-71 SECTION - LOOKING EAST

AZIMUTH 155°- 335°

GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

SAMPLE PROFILE G-60, G-71

Meters

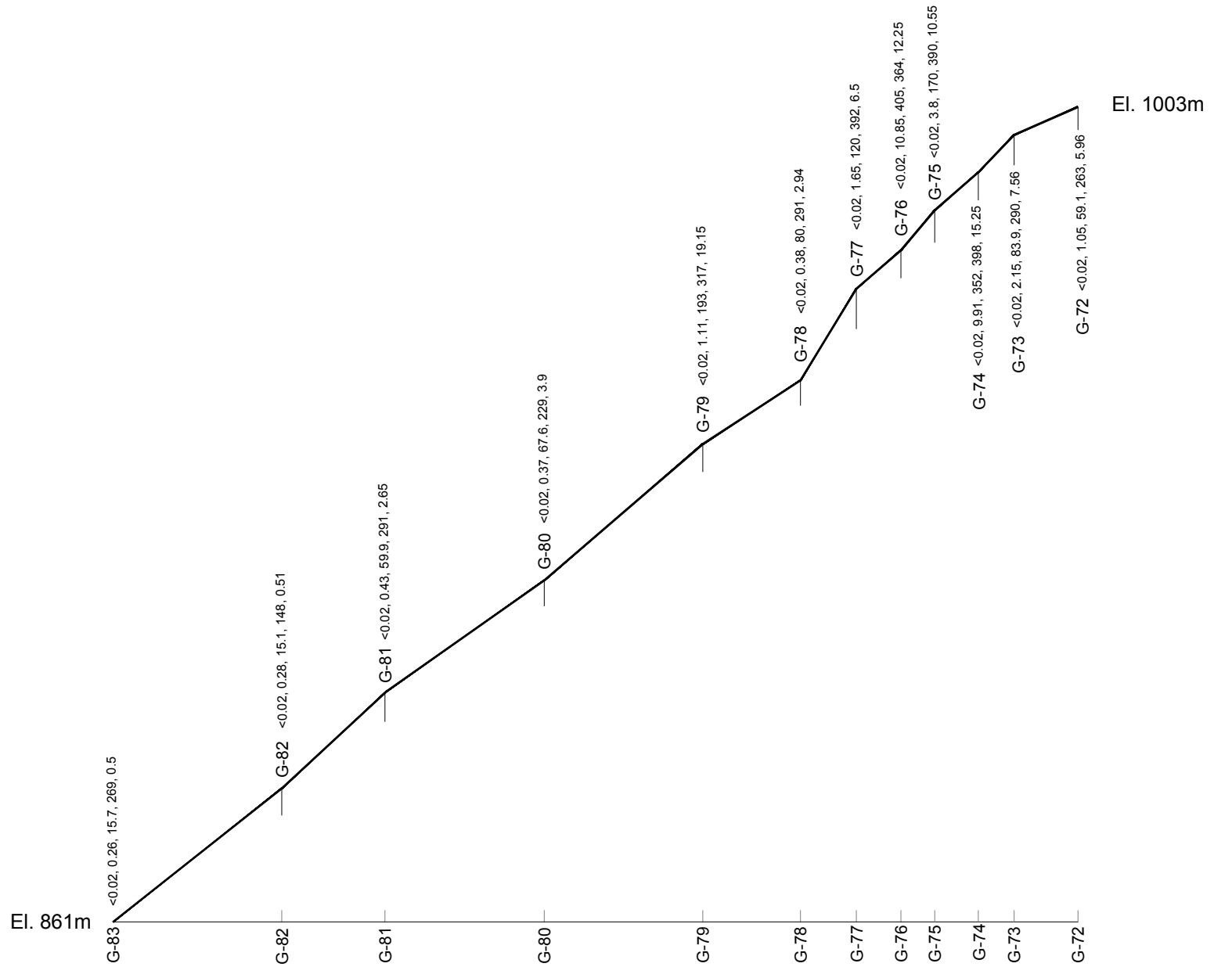
0 10 20 30 40 50

1:1000

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

M.A. Kaufman Oct. 2018

Gus 11-15-2018 Profile G-60 - 71.dwg



SAMPLES G-72, G-83 SECTION - LOOKING EAST

AZIMUTH 155°- 335°

Meters

0 10 20 30 40 50

1:1000

Sample values in ppm for:
Au, Ag, Pb, Zn, Sb

GUS PROJECT

NELSON MINING DISTRICT, BRITISH COLUMBIA

SAMPLE PROFILE G-72, G-83

M.A. Kaufman Oct. 2018

Gus 11-15-2018 Profile G-72 - 83.dwg

Statement of Qualifications M. A. Kaufman

I, M. A. Kaufman hereby state that I have worked as a mining geologist for 63 years, with a short interruption for military service.

I received an A. B. degree in geology from Dartmouth College in 1955, and an M. S. degree in geology and mining engineering from the University of Minnesota in 1957.

I am an inactive status Professional Engineer in the province of British Columbia. (My work is limited to my own properties; none for outside clients).

From the period 1955 - 1965 I worked for the major companies Kennecott Copper Corp., Kerr-McGee Corp., Giant Yellowknife Gold Mines Ltd. (a Falconbridge company), and Hunting Survey Corp., Ltd. During 1963 I worked for the State of Alaska Division of Mines and Minerals. From 1965 to 1969 I worked independently as a consultant and contractor for major companies. From 1969 through 1989, I was a co-founder and a principal of the consulting and contracting firm of Perry, Knox, Kaufman, Inc. and its successor Knox, Kaufman, Inc. These companies specialized in carrying out mineral exploration and development projects for major mining and oil companies. From 1990 to present I have worked as an independent consultant and prospector.

M. A. Kaufman

QUALIFICATIONS

I Michael S. Cathro PGeo do hereby certify that:

1.. I am a consulting geologist and principal of Cathro Resources Corp. at Box 3224 Kamloops. British Columbia, V2C 6B8. I also have served as vice-president of Anthem Resources Inc. and Skeena Resources Limited, director of Happy Creek Minerals Ltd., and director of Geoscience BC.

2. I graduated with a BSc (Honours, Geological Sciences) from Queen's University in 1984, and an MSc in Geology from the Colorado School of Mines in 1992.

3. I have practiced my profession in excess of 30 years for various junior exploration and major mining companies, and in technical and management roles with the BC Ministry of Energy and Mines. This work has included research and exploration on metallic and industrial mineral deposits in Canada, western USA, and overseas, including epithermal gold deposits.

4. I have written numerous research papers, reports and presentations on various topics in geology and mineral deposits.

5. I am a Registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia and have been a member good standing since 1993 (registration # 19093).

6. I personally participated in the field program described herein.

7. I own a 20% interest in the Gus property.

Michael S. Cathro

BRITISH COLUMBIA
The Best Place on Earth

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)]: Technical; Geological, Geochemical **TOTAL COST:** $ 16421

AUTHOR(S): M. A. Kaufman, Michael S. Cathro **SIGNATURE(S):** M. A. Kaufman M. A. Kaufman

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Not required **YEAR OF WORK:** 2018

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5723459

PROPERTY NAME: Gus

CLAIM NAME(S) (on which the work was done): 504800

COMMODITIES SOUGHT: silver, gold, lead, zinc, copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 19, 62

MINING DIVISION: Nelson **NTS/BCGS:** 82F/3, 82F004

LATITUDE: 49 ° 02 ' 54 " **LONGITUDE:** 117 ° 14 ' 33 " **(at centre of work)**

OWNER(S):
1) Morris A. Kaufman 2)

MAILING ADDRESS:
10805 East 23rd Ave.
Spokane Valley, WA 99206-5677 USA

OPERATOR(S) [who paid for the work]:
1) M. A. Kaufman 2)

MAILING ADDRESS:
10805 East 23rd Ave.
Spokane Valley, WA 99206-5677 USA

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Underlain by Paleozoic Laib fm., Nelway fm., and Active fm.; respectively, phyllites, limestones and argillite, intruded by felsic boc bodies. Formations cut by the Black Bluff Thrust Fault and later transverse faults. Nelway limestone altered to dolomite, dolomite breccia and marble. Minor historic production of high-grade silver, gold and base metals from Lone Silver and other mines along the thrust and other faults.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 37219, 36135, 34166, 33328, 27915, 27526, 27249, 26981, 26674, 26408, 25704, 25090, 27408, 24199, 23711, 23438, 22921, 23935, 18364, 11452, 10842

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