2017 Field Season

Geochemical Sampling And Prospecting Report On The Grabben Gold Project

Claims
Basal 1-10, Uran 1-8, Sask 1-20, Glow 1-24

Located In
Dawson Mining District

On
NTS 115-O-11
63º 41' north and 139º 7' west

By
Bernie Kreft
December 20th, 2017

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Location – The Grabben Gold Project is located in the Dawson Mining District on NTS mapsheet 115-O-11 southwest of the Indian River and northeast of Haystack Mountain, at approximately 63º 41' north and 139º 7' west.

Access – Access was achieved by helicopter from Dawson City a one-way distance of approximately 46 kilometres which results in an approximate 20 minute one-way flight. Several shutdown style helicopter pads were constructed proximal to the various work areas. Old poor quality bulldozer roads extend from the Indian River placer workings up both Mackinnon Creek and Ruby Creek with the Mackinnon Creek bulldozer road extending to within approximately 3.5 kilometres of the grid at Grabben North

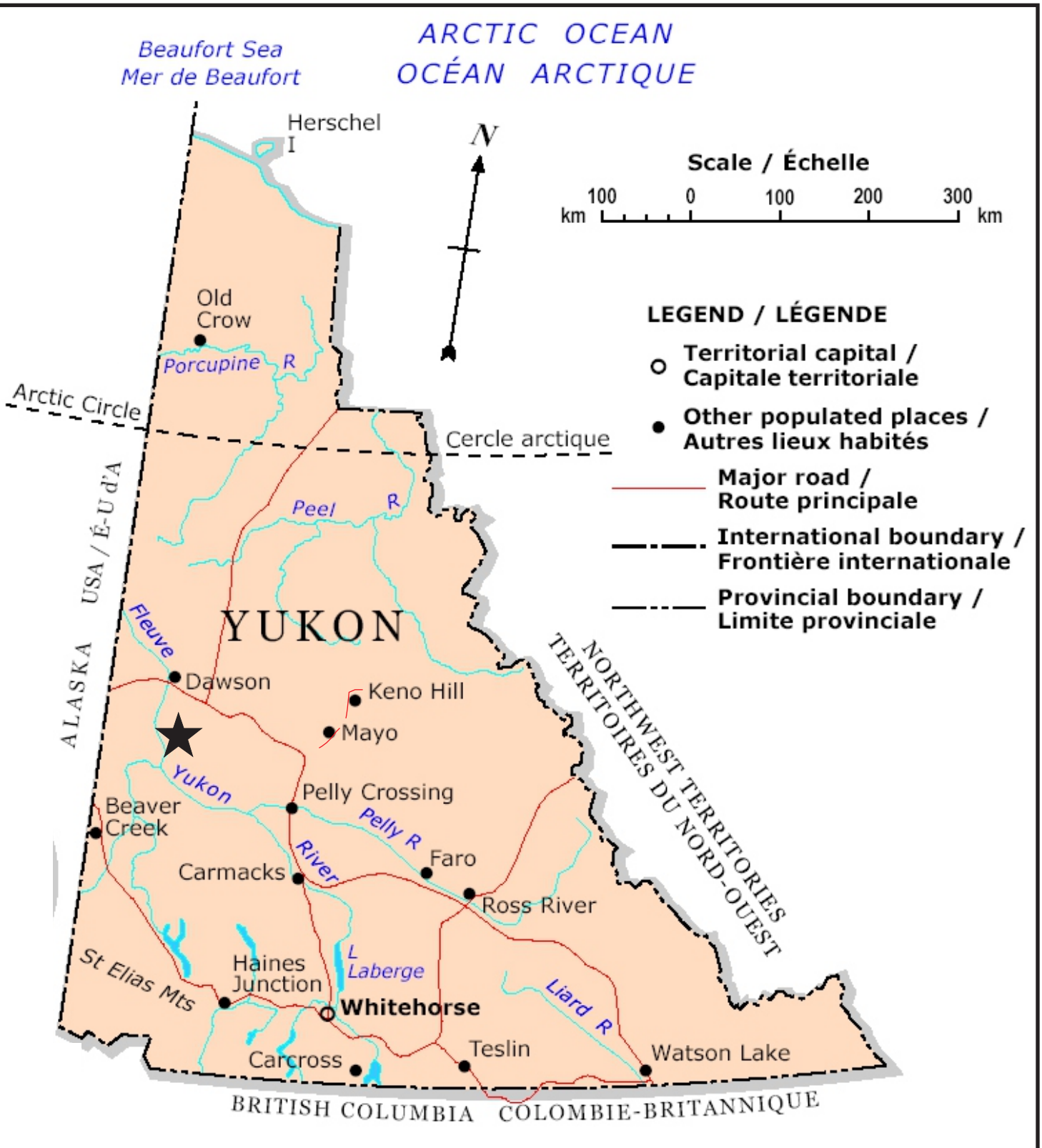
Topography And Vegetation – The property lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. This region experienced strong surficial weathering during the early and mid-Tertiary, as a result, bedrock exposure is extremely limited with the effects of surface weathering extending to depths of as much as 80 metres or more. Overburden and regolithic material averages about 1.0 metre which allows for effective soil sampling (via hand held augers) and hand trenching in most areas. Permafrost is widespread on north facing slopes, but rarely occurs in other areas. Although snow cover is mostly gone by early May, frost does not leave the ground sufficiently for exploration purposes until about mid-June. The property is below tree line, higher elevations are covered by mixed spruce, birch, poplar and brush, with tree cover generally increasing at lower elevations and on south facing slopes, with brush and stunted trees predominating on north facing slopes, at higher elevations and in areas of permafrost. Much of the project area was burnt by a recent forest fire, which destroyed moss cover in many areas, with the effect of providing somewhat more bedrock exposure than is typically present in the Dawson area.

Claims And Land Status – Numerous quartz claims were staked in the area during the White Gold staking rush and subsequent exploration "boom" that followed. Many of these claims have since lapsed and much of the area is open Crown Land. The project is located within Trondek Hwichin (Dawson) traditional territory, with no active First Nation land claim blocks in the immediate area of the project.

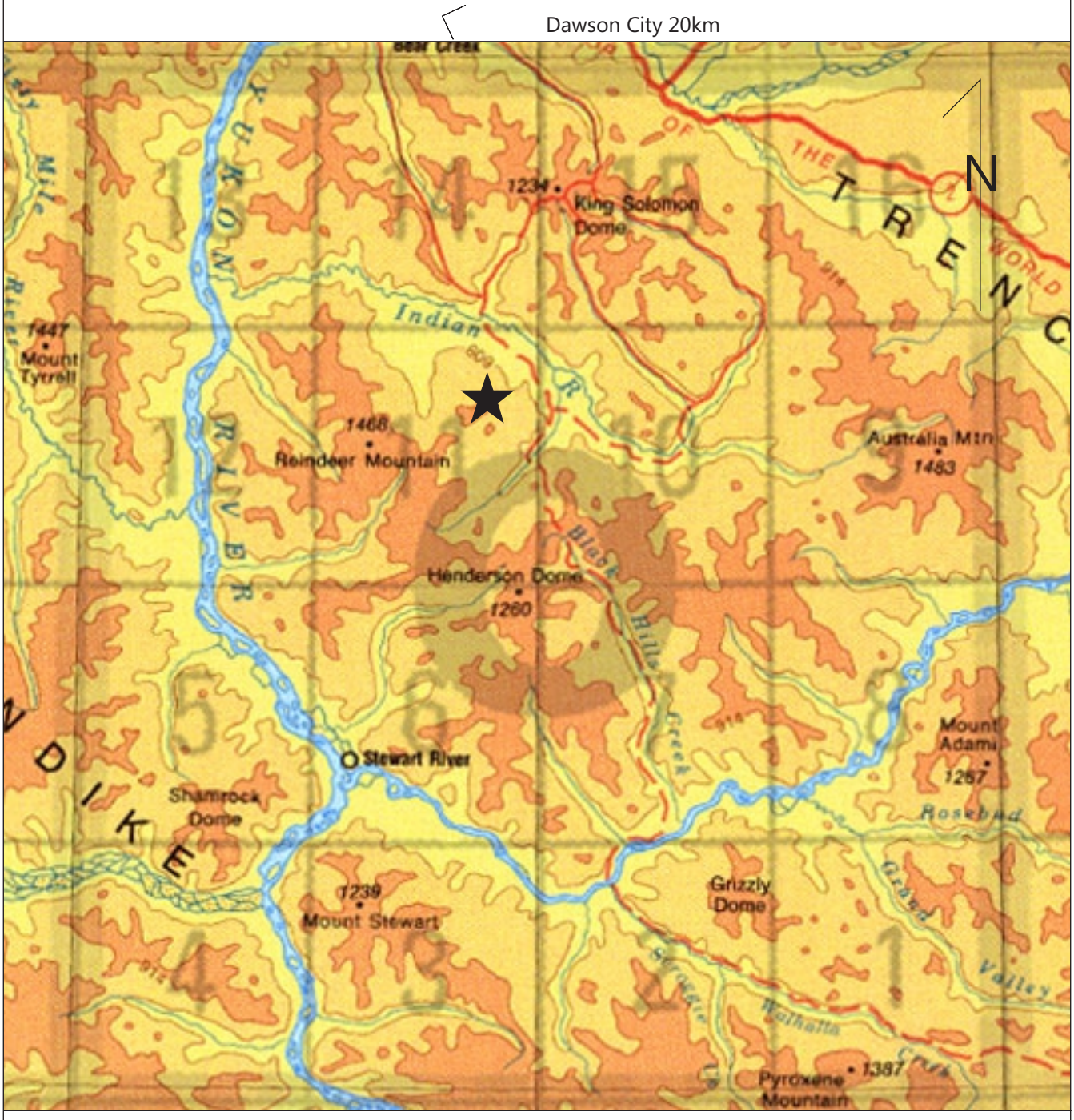
The Project is comprised of two claim blocks: Mackinnon (24 claims) and Grabben (38 claims), with claim data found on the following table:

Grant	Claim	Number	Owner	Expiry D/M/Y	Map	Project Area
YF49071	Basal	1	Bernard Kreft	07/03/2025	115O11	Grabben
YF49070	Basal	2	Bernard Kreft	07/03/2025	115O11	Grabben
YF49073	Basal	3	Bernard Kreft	07/03/2025	115O11	Grabben
YF49072	Basal	4	Bernard Kreft	07/03/2025	115O11	Grabben
YF49074 to 79	Basal	5 to 10	Bernard Kreft	07/03/2025	115O11	Grabben
YE78821 to 840	Sask	1 to 20	Bernard Kreft	07/03/2022	115O11	Grabben
YF49081	Uran	1	Bernard Kreft	07/03/2025	115O11	Grabben
YF49080	Uran	2	Bernard Kreft	07/03/2025	115O11	Grabben
YF49082 to 087	Uran	3 to 8	Bernard Kreft	07/03/2025	115O11	Grabben
YE78841 to 844	Glow	1 to 4	Bernard Kreft	14/11/2020	115O11	Mackinnon
YE78801 to 820	Glow	5 to 24	Bernard Kreft	14/11/2020	115O11	Mackinnon

History And Previous Work – Hardrock exploration efforts in the area date back to early 1899 when the Mackinnon brothers, Donald and Archibald, first discovered gold in the area. Over an approximate 20 year period they sank a total of 3 shafts, drove 3 adits and cut numerous trenches. At the peak of activity over



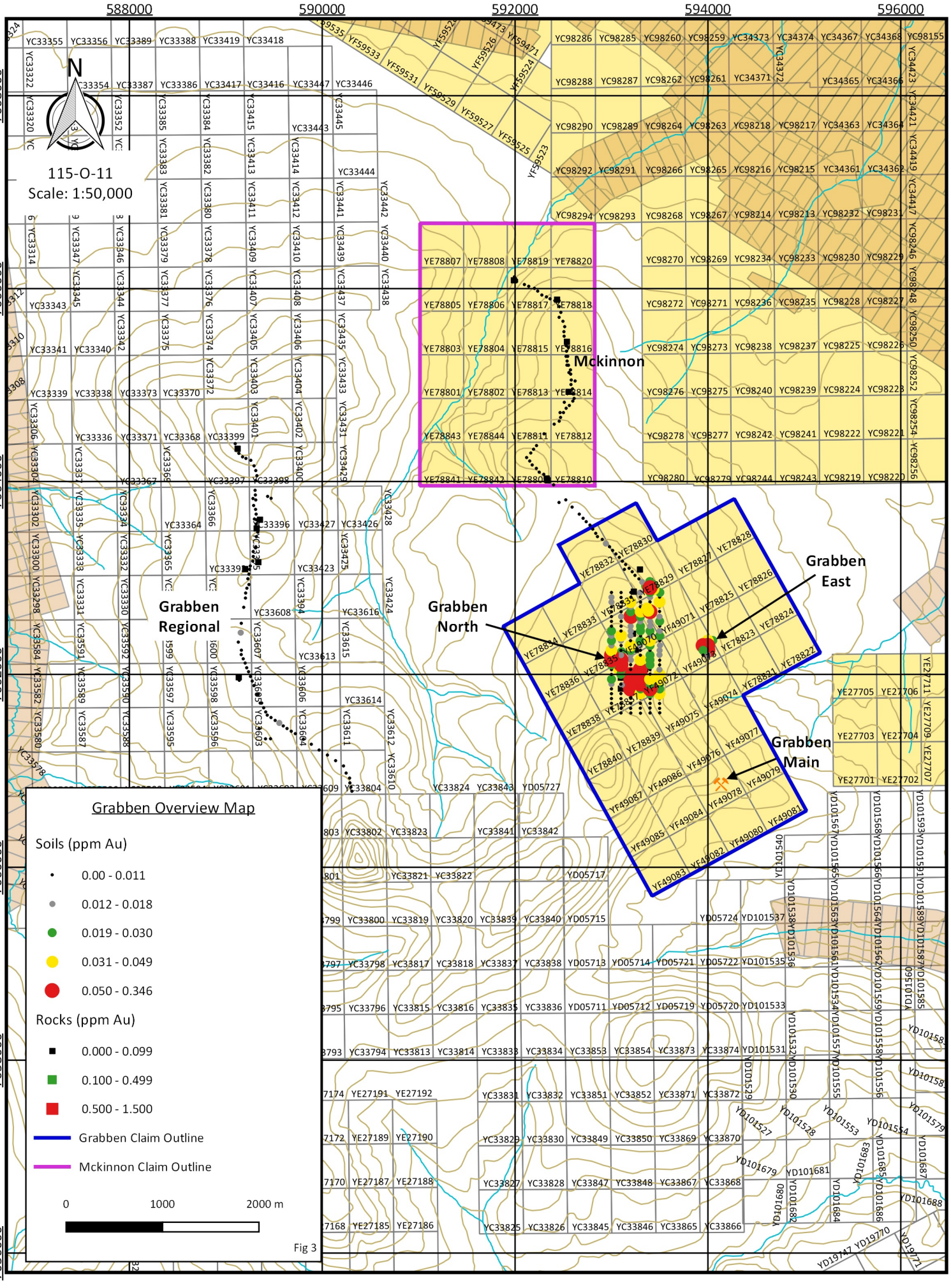
Grabben Gold Project ★	
To Accompany: 2017 Grabben Gold Appy	December 13th, 2017
By: Bernie Kreft	Figure 1



Regional Map - Grabben Gold Project ★

Fig.2

Scale approx. 1:600,000


588000
590000
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594000
596000
7068000
7066000
7064000
7062000
7060000
7058000
7056000
N
115-O-11
Scale: 1:50,000
Mckinnon
Grabben Regional
Grabben North
Grabben East
Grabben Main
Grabben Overview Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Grabben Claim Outline
Mckinnon Claim Outline
0
1000
2000 m

Fig 3

3,000 claims were staked to cover the conglomerates which were thought to have similarities to the Witwatersrand Goldfields discovered in 1886. Although numerous promising assays of up to 48 oz/T gold were reported, and a small mill was erected on the Mackinnon Property, no significant gold was produced and the exploration "play" eventually died.

Numerous assessment reports and scientific studies, most of which detail work completed on the historic Mackinnon Property (currently covered by the Glow 1-24 claims), are available in the public domain. Short summaries of each report are as follows:

AR 060902 – T.Lisle p.Eng for Andac Resources – 1973 – Mapping, prospecting and soil sampling was conducted on the Mackinnon Property. Geology consists of a conglomerate unit, intruded and overlain by andesite and rhyolite dykes and flows, sitting on a bed of Nasina series schist. Although rock sampling failed to outline any significant gold-silver trends or anomalies within the conglomerate, several areas of silicification were noted in association with a NNW trending fault paralleling Mackinnon Creek.

AR 061474 – Don Tully p.Eng for Yukon Revenue Mines – 1973 – Exploration on the Mackinnon Property returned grab samples of conglomerate with up to 0.07 oz/ton Au while silicification and a potential fault zone along Mackinnon Creek were also noted.

AR 061475 – Ron Granger for Yukon Revenue Mines – 1974 – A rotary drilling program consisting of 4 five inch in diameter holes totalling 920 feet was completed in an effort to test the gold potential of the conglomerate outcrops of the Mackinnon Property. Assays returned a maximum of 0.005 oz/T gold and 0.64 oz/T silver from a 10 foot interval of white quartz pebble conglomerate. Several sections of black conglomerate were noted, with the dark coloring due to abundant fine graphite within the conglomerate matrix. It was also noted that significant gold was produced when samples of conglomerate were processed using placer recovery methods and that gold may exist within the conglomerate but not report to traditional fire assay procedures.

AR091354 – Paul Richardson for Dome Exploration – 1979 – Dome completed a total of 4 diamond drill holes (4,135 feet) in the area of the historical shafts of the Mackinnon Property. Drilling encountered a mixed sequence of mudstone to conglomerate with rare occurrences of Carmacks group volcanics. Assaying was focused almost entirely on intersections of conglomerate which returned only background values except for one intersection of 0.18 g/t Au over 4 feet of quartz pebble conglomerate. Only drill logs exist for this report.

AR 091406 – R.D. Cruickshank for Eldorado Nuclear – 1981 – Eldorado Nuclear completed exploration designed to locate a basal-type uranium deposit, with limited exploration for epithermal precious metals also completed. Work was conducted in the area south of Haystack Mountain and consisted of mapping, aeromagnetic interpretation, scintilometer readings, thin section work and a total of 20 rock samples. Mapping showed that the late Cretaceous to Eocene sedimentary to volcanic rocks in the project area occupy a presumed graben setting cut by numerous high angle normal faults active during the period of vulcanism. Interpretation of regional aeromagnetic data suggests that the graben straddles a major WNW trending discontinuity interpreted to be a major basement structure. Rock sampling returned values of up to 100 ppb gold from a sample of conglomerate and up to 1400 ppb Hg and 22 ppm As from samples of rhyolite.

During 1983 Grant Lowey conducted a study of the Mackinnon Creek conglomerates in the area of the Mackinnon Property in an effort to ascertain whether the gold bearing conglomerate was a result of epithermal processes or a paleoplacer deposit. He noted the presence of fine gold within the conglomerate in the vicinity of the Britannia adit and based on various studies concluded that the faulting and alteration, fine gold particle size and close proximity to intermediate to felsic intrusions suggested a likely epithermal origin for the gold.

AR 091941 – Dave Waugh for Volcano Resources – 1986 – Mapping confirmed the presence of visible gold within the Mackinnon Property area but associated sampling and assaying failed to return strongly supportive gold assays. Silicification suggesting hydrothermal alteration and the potential for a Carlin-type low-grade gold deposit was noted in the vicinity of the old workings while the black conglomerate "McKinnon Conglomerate Unit" with abundant graphite in the matrix was considered a favourable host for an epigenetic hydrothermal type gold deposit.

AR 092082 – Dave Waugh for Volcano Resources – 1987 – A nine-hole 1521 foot drill program was designed to test bedrock in the area of the Mackinnon Property showings, specifically the potential for the conglomerates to host epithermal style precious metals mineralization. Drilling encountered numerous intersections of weakly anomalous gold with a program high of 0.195 g/t Au over 24 feet from an interval consisting of intensely argillic altered and brecciated limonitic quartz pebble conglomerate in contact with a similarly altered and brecciated felsic volcanic body.

AR 093167 – Graham Davidson for Richlode Investments – 1993 – A total of six 500 kilogram bulk samples were extracted from conglomerate in the immediate vicinity of the Mackinnon Property showings. The samples were processed for both fine gold and coarse gold using industry accepted methodology with the best result being 0.118 g/t gold.

During 2006-07 Bond and Chapman from the University of Leeds conducted a study on the origins of gold hosted by the conglomerates of the Indian River formation (Mackinnon Creek conglomerate). Results were generally inconclusive mostly due to a failure to definitively locate gold within the conglomerate unit; however the chemical and mineral signature of gold derived from unconsolidated areas of the conglomerate unit is consistent with that of gold grains obtained from Eureka Creek hardrock project, which has been characterized as a low sulphidation precious metals enriched epithermal system.

2009 – Minconsult for Westar Resources – A limited soil sampling program consisting of two parallel soil lines totalling 167 samples was completed at the time of staking. Results show numerous moderate to highly anomalous gold values of up to 70 ppb along with highly anomalous arsenic values of up to 240 ppm found clustered in two areas northeast of Haystack Mountain. No follow up work was conducted.

2009 – Mark Fekete for Taku Gold – A limited soil sampling program consisting of several reconnaissance ridge and spur sample lines returned values of up to 88.8 ppb Au and numerous samples with greater than 66.3 ppm arsenic to a high of 257 ppm arsenic existing as two clusters, one in the general vicinity of the Westar anomalies and one east of Haystack Mountain. No follow up work appears to have been conducted.

2016 – Kreft and Sons – A YMIP funded grassroots prospecting program focusing on the Taku (Grabben Main) and Westar (Grabben North) anomalies confirmed and significantly expanded the reported soil anomalies. At Grabben Main values of up to 62.4 ppm Ag, 7,911.7 ppb Au, >10,000 pm As, 2,419.8 ppm Pb and 300.9 ppm Sb were returned from a 0.65m channel sample of variably fractured or sheared limonitic and weakly scoroditic bleached intermediate intrusive while up to 810 ppm Ag, 4.362 ppm Au, >10,000 ppm As, >10,000 ppm Pb, >2,000 ppm Sb and 104 ppm Bi were returned from a 1.0cm wide grey quartz sulphide vein cutting conglomerate. At Grabben North a grab sample of a quartz limonite vein with dark patches cutting mudstone with dark patches and mineralized with trace disseminated pyrite returned 20.6 ppm Ag, 189.8 ppb Au, 8,484.9 ppm As, 196.1 ppm Pb, 98.3 ppm Sb and 113 ppm Bi.

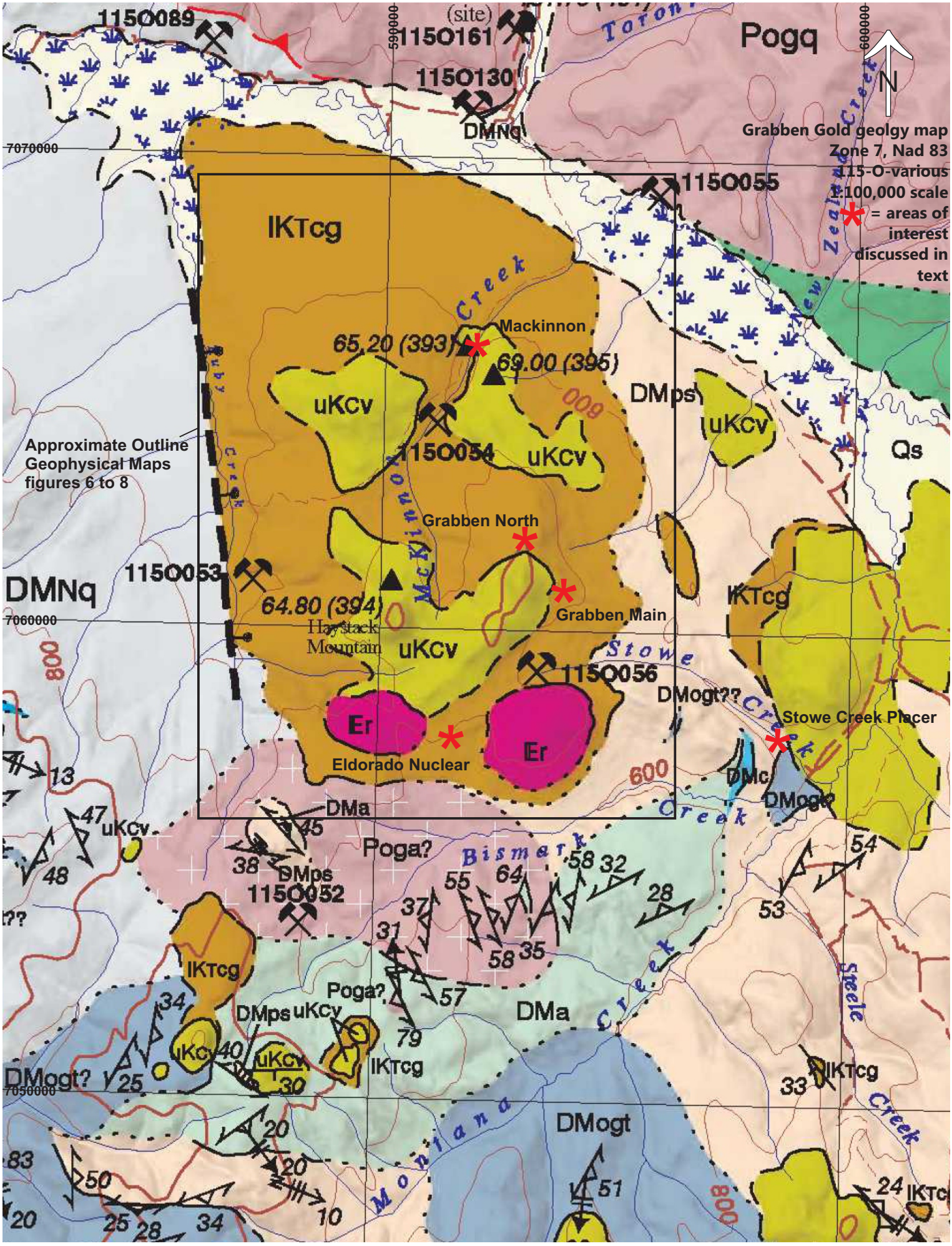
This historical exploration data shows that although significant amounts of advanced work such as drilling, trenching and bulk-sampling have been completed within the project area, the vast majority of this work was focused on the economic potential of the conglomerate unit located in the vicinity of the McKinnon showing.

Geology Metallogeny And Mineralization – Based on information contained in the various publically available assessment reports, academic studies, government mapping efforts and results of the 2016-17 field seasons, the geological setting of the Grabben Gold Project is thought to consist of a graben filled with presumed early Cretaceous Indian River Group clastic sedimentary rocks comprised predominantly of conglomerates and sandstones intruded and overlain by late Cretaceous presumably Carmacks Group (age dates of 64.8 to 69 ma) rhyodacite, dacite, andesite and intermediate intrusive units as well as early Eocene rhyolite to rhyodacite stocks, dykes and flows. This package is cut by numerous normal faults and overlies a possible major basement structure within the bounding Nasina series schists and gneisses. The outline of this presumed graben complex highlights well using the first vertical derivative ("FVD") aeromagnetic map from the Stewart River regional multi-parameter airborne geophysical survey. As can be seen from the FVD overview map accompanying this report, the Grabben Gold complex is one of several presumed complexes within the immediate area.

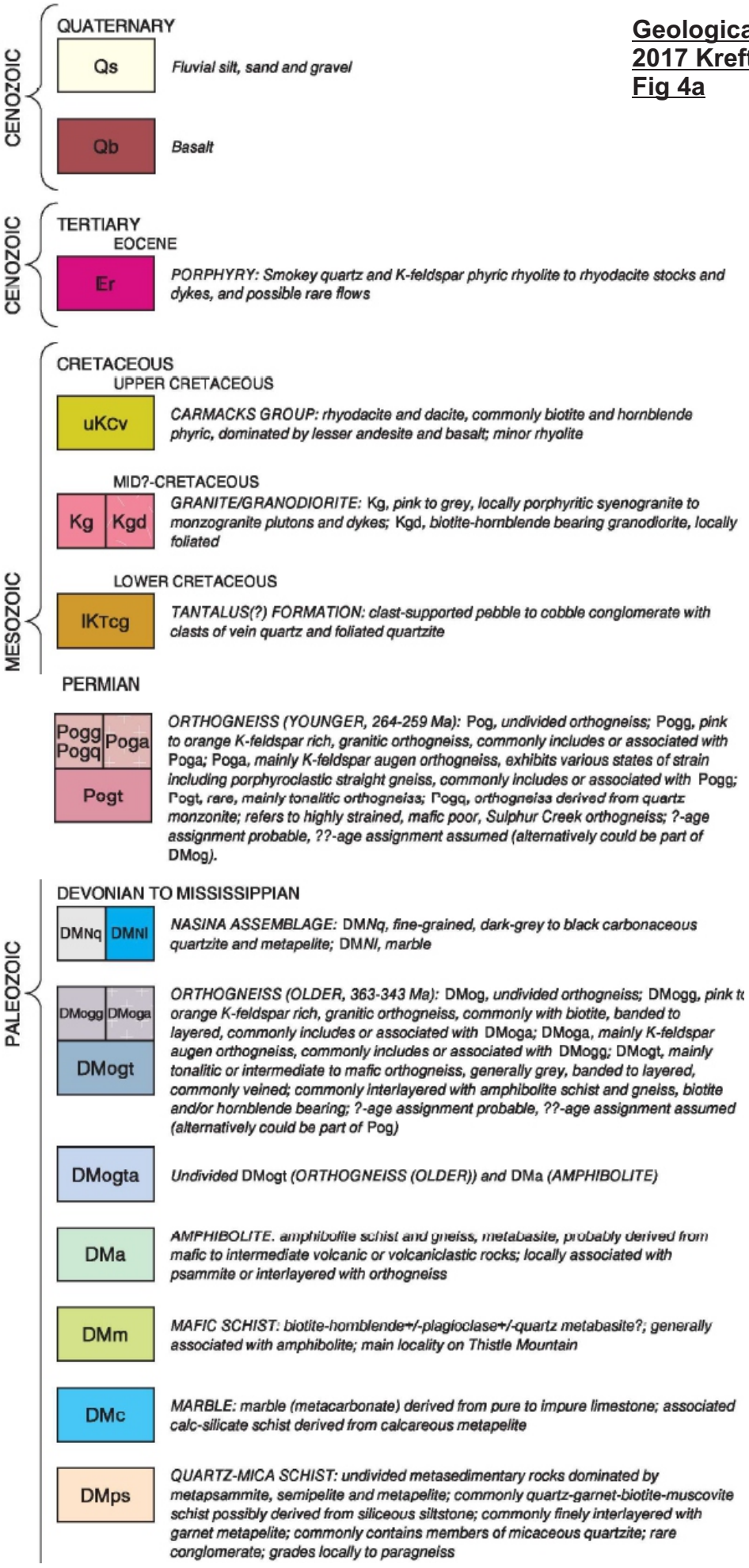
The Carmacks Group is an approximate 72-64 Ma volcanic succession, generally including a lower fragmental unit and an upper flood basalt unit, dominated by basic volcanic strata including augite-olivine basalt and breccia, hornblende feldspar porphyry andesite and dacite flows, and trachyte, but also including intermediate and locally felsic volcanic rocks. The thickest and coarsest volcaniclastic sections are occasionally cored by small high-level potassic plugs likely belonging to the Prospector Mountain Suite (72-68 Ma) or possibly representing late stage Casino Suite (79-74 Ma) activity. These intrusive suites are broadly correlative with the metallogenically significant Bulkley Suite intrusives located in central BC. Bulkley Suite (88-70 Ma) intrusives are highly prospective for porphyry copper targets such as Huckelberry, while significant epithermal precious metal deposits such as Blackwater (70-67 Ma; reserves of 8.6 million ounces of gold and 57.5 million ounces of silver) are associated with the waning stages of Bulkley Suite magmatism. Worldwide, shoshonitic and high-K calc-alkaline magmatism is associated with world-class hydrothermal gold and copper-gold mineralization. Examples are: 1) Ladolam gold mine, Lihir Island, Papua New Guinea; 2) Bingham copper-gold mine, Utah; 3) Grasberg copper-gold mine, Indonesia; 4) Oyu Tolgoi copper-gold mine, Mongolia.

Numerous geologically similar mixed sedimentary to volcanic early Cretaceous to early Eocene sequences occur throughout the area south and west of Dawson. Of these similar Yukon sequences, the only one which has received significant amounts of hardrock exploration work is located in the Sixtymile placer district approximately 85 kilometres to the northwest. Exploration by Erwin Kreft during 1986 located a zone (Per occurrence) of variably clay altered, silicified, pyritic and sheared Carmacks Group andesitic volcanics in the floor of a placer mining cut near the mouth of Miller Creek. In 1988 Klondike Gold Mining Corporation optioned this occurrence from Mr. Kreft and drilled 7 holes (765 m) with a program best intersection of 8.76 g/t Au over 10.5 m in DDH D4/88-02.

In 2010 Radius Gold/Rackla Resources recognized the epithermal precious metal potential in the Sixty Mile River valley and acquired much of the ground in the area. Their work identified the presence of a down dropped half graben within which the Carmacks group andesites are variably silicified, sheared and clay altered. Subsequent exploration included drilling of the historic Per showing which lies within a broad zone of illite alteration. DDH11-08 intersected strongly bleached and sericite altered Carmacks Group andesite crosscut by narrow dolomite pyrite veins that returned an interval of 19.0 g/t Au over 1.0m. Drill hole DDH11-10 intersected 132.0 g/t Au over 1.5m. This hole was drilled 1.4km east northeast of hole DDH11-08. The interval consisted of bleached, hematized and sericite altered quartz feldspar biotite schist cross cut by minor quartz/pyrite veins. Several holes also cut a blind, potassic and sericitically altered feldspar porphyry body as part of a Cretaceous volcanic-intrusive package located in a pull-apart basin located along the Sixty Mile River valley bottom. The porphyry body contains disseminated pyrite and pyrite +/- chalcopyrite-molybdenite bearing fractures and stockworks with silica-sericite alteration haloes yielding a best interval of 542 ppm Cu and 41 ppm Mo over 271.27 m starting at 8.8 m to EOH in DDH11-05.


Grabben Gold geolgy map
Zone 7, Nad 83
115-O-various
1:100,000 scale
* = areas of interest discussed in text
N
1150089
(site)
1150161
1150130
DMNq
Pogq
1150055
lKTcg
Mackinnon
65.20 (393)
69.00 (395)
uKcv
DMps
Qs
1150054
Approximate Outline
Geophysical Maps
figures 6 to 8
Grabben North
1150053
64.80 (394)
Haystack
Mountain
Grabben Main
Stowe Creek Placer
1150056
Er
Eldorado Nuclear
DMa
Poga?
1150052
Bismark Creek
Montana Creek
DMogt
DMogt??
DMc
7070000
7060000
7050000
590000
600000

Geological Legend to accompany 2017 Kreft Grabben Gold Report Fig 4a



Airborne Geophysical Survey – During 2000 the GSC and Yukon Geological Survey co-sponsored an airborne geophysical survey (Multisensor Airborne Geophysical Survey; GSC Open File 3992) covering much of the Klondike Goldfields including the Grabben Gold project area. Results of the airborne survey in conjunction with government mapping efforts and 2017 fieldwork appear to suggest that areas underlain by Carmacks Group volcanics correlate well with FVD aeromagnetic highs of 0.300 nT/m or greater while RTF aeromagnetic data suggests large or smaller unaltered volcanic bodies represent strong positive highs while smaller or more altered bodies manifest as weak to moderate positive anomalies. Areas with strong potassium response likely represent large, fresh and relatively un-altered volcanic bodies while areas of moderate potassium response may represent altered volcanics, un-altered bodies with a small surficial expression or perhaps sediments metasomatically altered by intrusive activity. Ultimately the data contained in Open File 3992 will prove of great value when used in conjunction with a field mapping project.

Current Work And Results – The 2017 field program on the Grabben project consisted of prospecting and sampling, yielding a total of 348 soil samples and 53 rock samples. The majority of soil samples were taken from the C horizon except at a few sites where overburden depths or the presence of frost necessitated the sampling of B horizon material. Rock samples were sourced from occasional bedrock exposures as well as small hand dug pits. Sample sites were marked in the field using flagging inscribed with the sample code, with the soil samples placed in industry standard soil sample envelopes and the rock samples in industry standard poly sample bags. All samples were analyzed by Bureau Veritas, with soils prepped by SS80 (sieve 100g of soil to -80 mesh), and rocks prepped using PRP70-250 (crush 70% to 10 mesh and pulverize a 250g split). All samples were analyzed using FA430 (30g Au fire assay) and AQ300 (35 element ICP with 0.5g sample size).

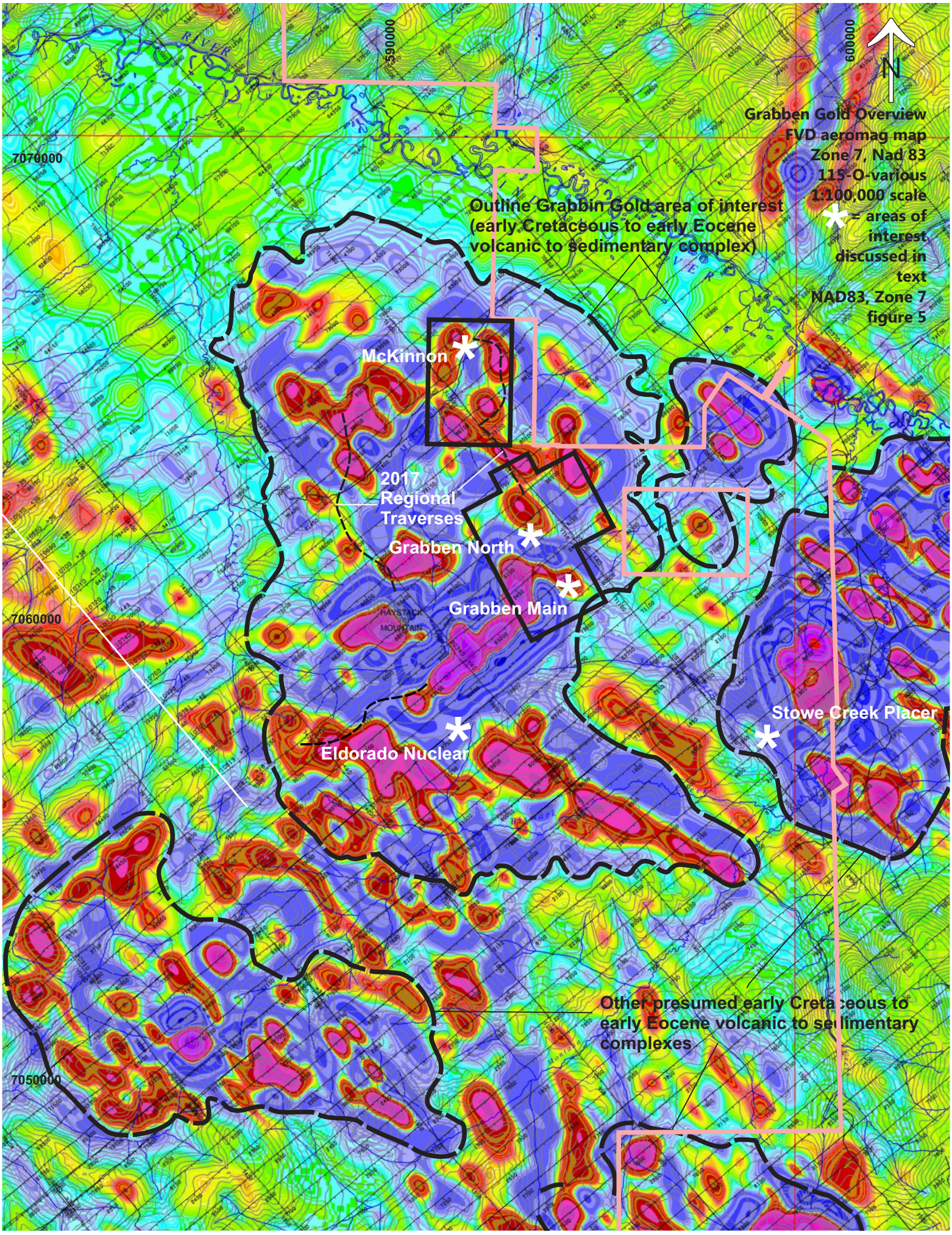
Work was concentrated in 4 areas designated Grabben North, McKinnon, Grabben East and Grabben Regional.

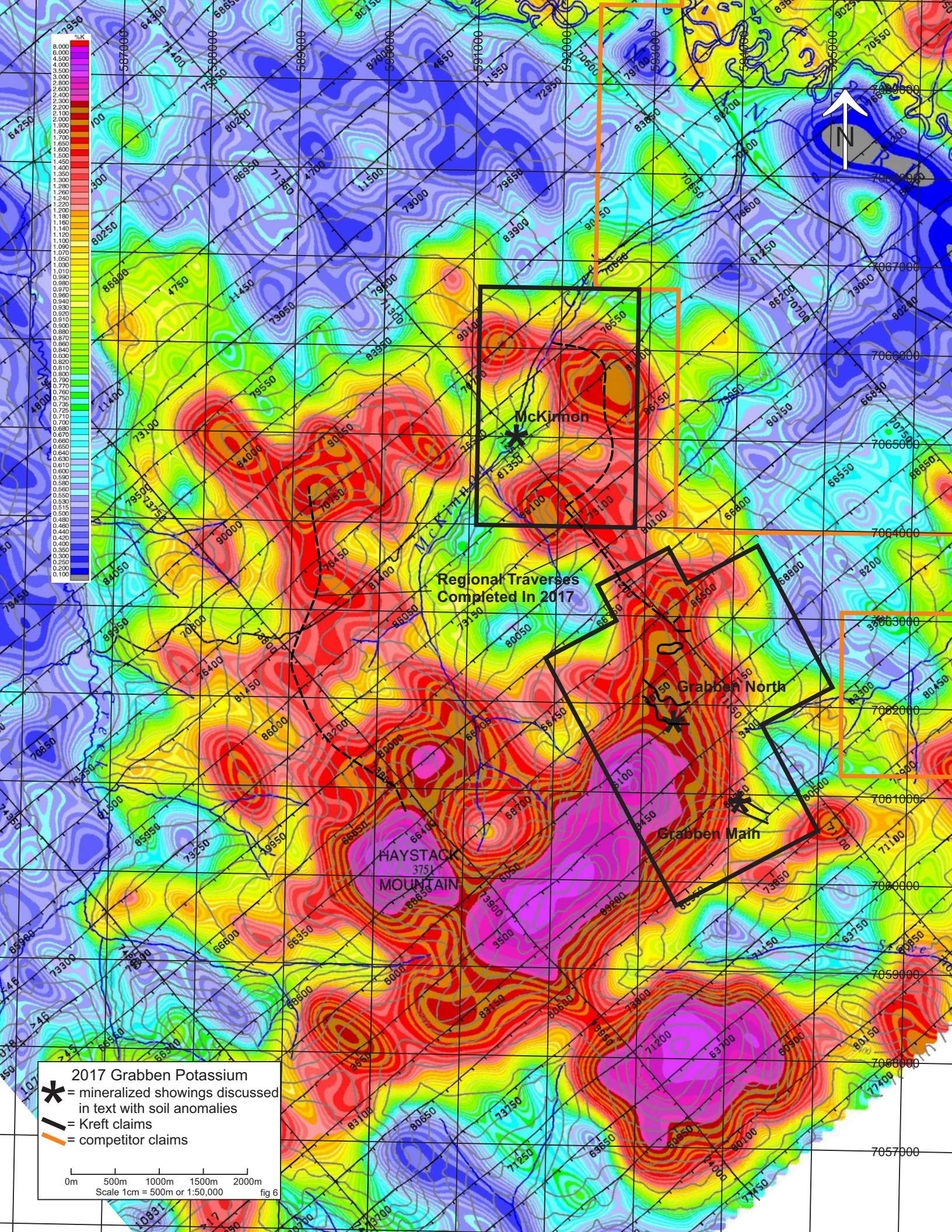
Grabben North – Work consisted of prospecting and soil sampling yielding 30 rock samples and 195 soil samples from a small soil sampling grid and associated sampling and prospecting efforts.

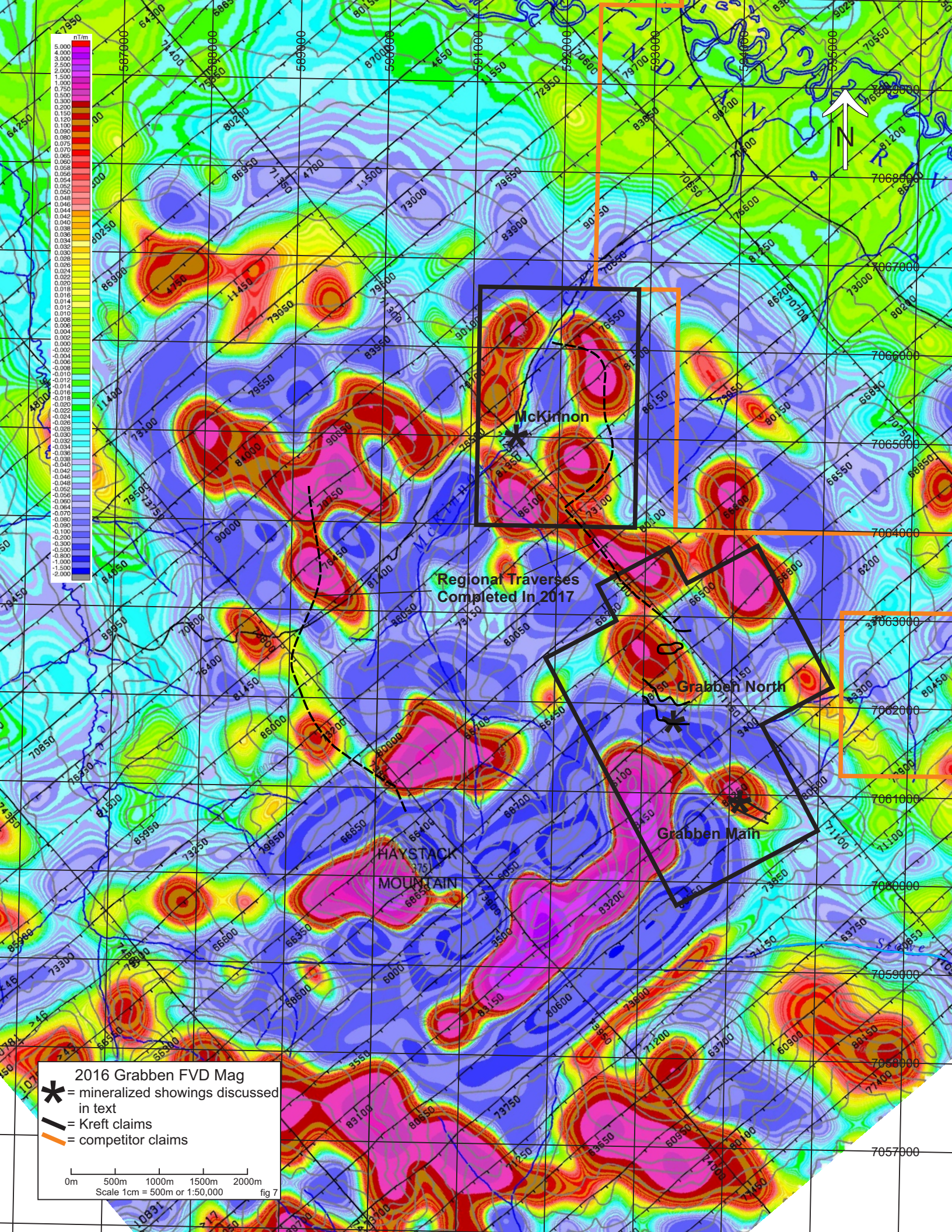
Geology within the grid area is predominantly sedimentary in nature and consists of mudstone, fine to coarse sandstone, and pebble conglomerate ranging from polymictic to quartz dominant with matrix through to clast supported varieties. Intruding the sedimentary units is a quartz biotite andesite or intermediate intrusive varying from massive and relatively fresh or unaltered generally away from contacts, gradational to variably limonitic bleached and fractured or brecciated as the presumed contact with the sedimentary units is approached. Most sedimentary units are typically weakly hornfelsed and variably silicified. The effects of faulting, including fracturing and brecciation, have been noted in finer clastic units and likely occur in the conglomerate unit as well but are much less obvious. Due to a lack of exposure overall structural trends are not well understood.

Visible fresh sulphides are very limited within most units except for sections of the conglomerate which contain up to 3% pyrite in the matrix as well as trace fine disseminated pyrite in fine clastics. Grey to black patches, presumed to be very fine grained sulphides, have been noted within both narrow quartz veins and their mudstone to sandstone wallrock. The presence of brecciated mudstone partially cemented by goethite and limonite as well as fractured and brecciated intermediate intrusive with limonite veins and fracture fillings suggests that a significant amount of sulphide was present prior to surficial weathering. Anomalous gold and silver values are commonly associated with a pathfinder suite of As-Sb-Bi +/- Pb which is potentially indicative of an intrusive related gold system.

Soil sampling at Grabben North identified 3 main anomalies, designated A, B and C, and numerous single points, all exhibiting moderate to highly anomalous gold soil values.


590000
600000
N
Grabben Gold Overview
FVD aeromag map
Zone 7, Nad 83
115-O-various
1:100,000 scale
* = areas of interest discussed in text
NAD83, Zone 7
figure 5
7070000
Outline Grabbin Gold area of interest (early Cretaceous to early Eocene volcanic to sedimentary complex)
McKinnon
2017 Regional Traverses
Grabben North
Grabben Main
HAYSTACK MOUNTAIN
7060000
Stowe Creek Placer
Eldorado Nuclear
Other presumed early Cretaceous to early Eocene volcanic to sedimentary complexes
7050000


%K
McKinnon
Regional Traverses
Completed In 2017
Grabben North
Grabben Main
HAYSTACK
3751
MOUNTAIN
N
2017 Grabben Potassium
= mineralized showings discussed in text with soil anomalies
= Kreft claims
= competitor claims
0m 500m 1000m 1500m 2000m
Scale 1cm = 500m or 1:50,000
fig 6


nT/m
5.000
4.000
3.000
2.500
2.000
1.500
1.000
0.750
0.500
0.300
0.200
0.150
0.120
0.100
0.090
0.080
0.075
0.070
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0.060
0.058
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0.048
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0.042
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0.036
0.034
0.032
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0.026
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0.014
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-0.002
-0.004
-0.006
-0.008
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-0.016
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-0.038
-0.040
-0.042
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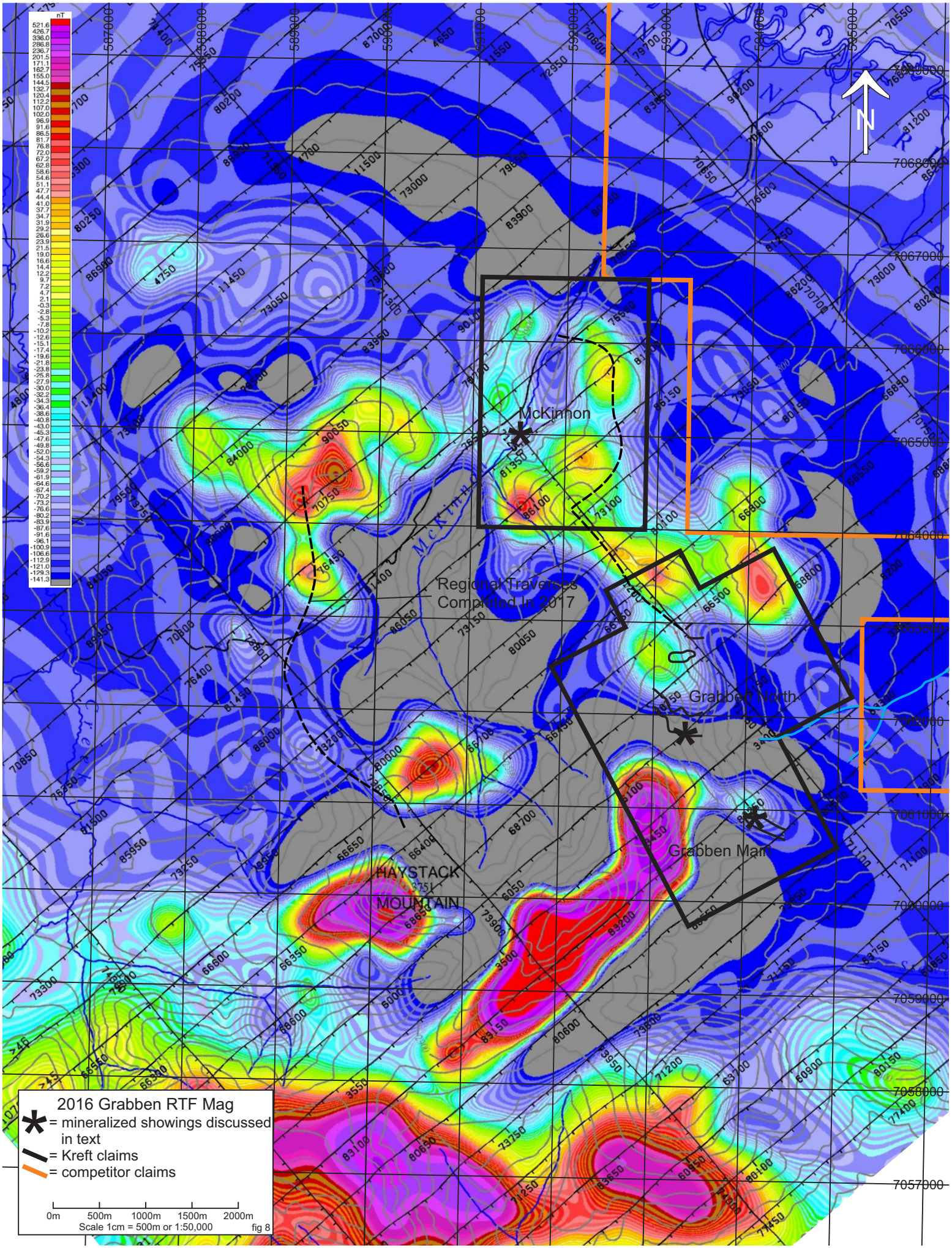
-0.048
-0.050
-0.056
-0.060
-0.064
-0.070
-0.080
-0.090
-0.100
-0.200
-0.300
-0.500
-0.800
-1.000
-1.500
-2.000
N
McKinnon
Regional Traverses
Completed In 2017
Grabben North
Grabben Main
HAYSTACK
MOUNTAIN
2016 Grabben FVD Mag
= mineralized showings discussed in text
= Kreft claims
= competitor claims
0m
500m
1000m
1500m
2000m
Scale 1cm = 500m or 1:50,000
fig 7


nT
McKinnon
Regional Traverses
Completed In 2017
Grabben North
Grabben Main
HAYSTACK
MOUNTAIN
N
2016 Grabben RTF Mag
= mineralized showings discussed in text
= Kreft claims
= competitor claims
0m 500m 1000m 1500m 2000m
Scale 1cm = 500m or 1:50,000
fig 8

Anomaly A is a 200m wide by 600m long Au-As-Sb-Bi +/- Ag anomaly that is strongly open to the east and west. A total of 28 soil samples ranging from 0.019 ppm Au to 0.225 ppm Au and averaging 0.063 ppm Au comprise this anomaly. Metal zonation within the anomaly is apparent, with the east end exhibiting moderate gold with high arsenic and weak to moderate silver while the west end exhibits higher gold values and anomalous bismuth but only weakly anomalous arsenic and no silver. A total of 11 rock samples were taken from within this anomaly. Sample LGR-01, a bleached and clay altered intermediate intrusive, returned 0.158 ppm Au while the remainder of the samples taken returned 0.056 ppm Au or less. Geology underlying the anomaly consists of a mixed sequence of variably limonitic bleached, brecciated and clay altered intermediate intrusive and fine clastics.

Anomaly B is a 100m wide by 250m long Au-Ag-As soil anomaly comprised of 9 samples ranging from 0.019 ppm Au to 0.130 ppm Au and averaging 0.045 ppm Au. A total of 3 rock samples were taken from within this anomaly. Sample GRBK-10, a dense limonitic red and yellow rock of unknown protolith, returned 4.5 ppm Ag while the other samples taken failed to return anomalous precious metals values. Geology underlying the anomaly consists of variably limonitic bleached, fractured and silicified fine clastics.

Anomaly C is a 125m wide by 175m long, open to the east and possibly open to the west, Au-Mo-As soil anomaly comprised of 9 samples ranging from 0.019 ppm Au to 0.055 ppm Au and averaging 0.030 ppm Au. A total of 9 rock samples were taken from within this anomaly. Sample BOGR-04, a possibly chlorite altered quartz rich biotite intrusive mineralized with approximately 0.25% disseminated pyrite and cut by limonitic fractures, returned 0.084 ppm Au while the other samples taken failed to return anomalous precious metal values. Geology underlying the anomaly consists of variably limonitic and silicified quartz rich biotite intrusive with trace to 0.75% disseminated and clotty pyrite.

Mackinnon – Work consisted of prospecting and soil sampling yielding 10 rock samples and 61 soil samples all of which contained uniformly low precious metal values.

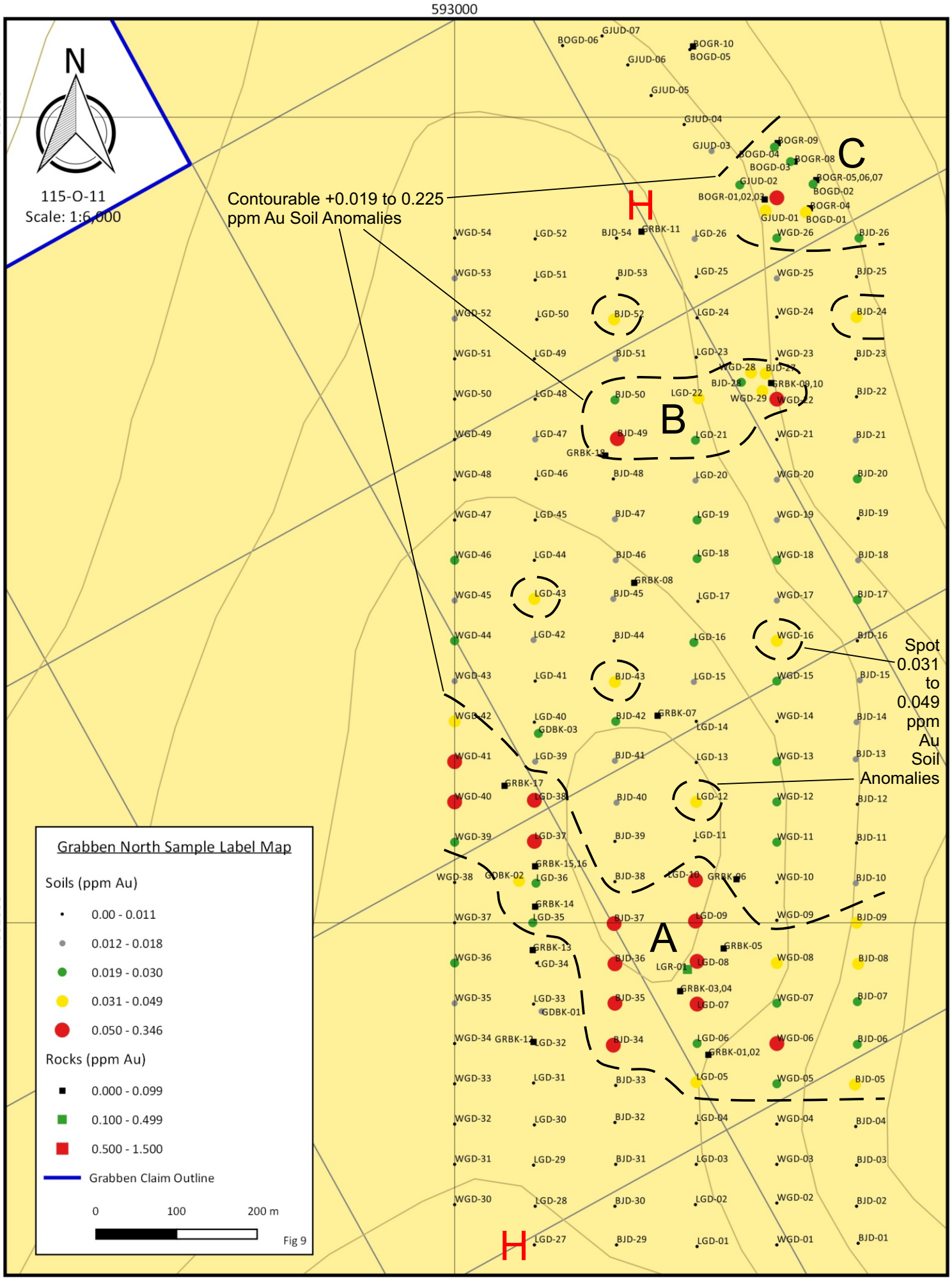
Grabben East – Work consisted of prospecting and soil sampling yielding 12 soil samples. This work resulted in the partial definition of a southwest trending 100m wide by 150m long Au-As anomaly strongly open to the northeast and southwest. A total of 6 soil samples ranging from 0.025 ppm Au to 0.346 ppm Au and averaging 0.113 ppm Au comprise this anomaly. Geology consists of a mixed sedimentary sequence ranging from fine clastics to quartz pebble conglomerate.

Grabben Regional – Work consisted of prospecting and soil sampling yielding 13 rock samples and 81 soil samples all of which returned uniformly low precious metal values.

Conclusions – The Grabben Gold project represents the first significant precious metals discovery within the historically heavily explored MacKinnon Creek/Haystack Mountain area, and one of the few Yukon based discoveries in this geological setting. Mineralization consists of extremely fine-grained sulphides, with a Au-Ag-As-Pb-Sb-Bi signature, hosted within veins, shears and breccia zones developed in both early-mid Cretaceous clastic sediments and late Cretaceous Carmacks Group (69-64.8 Ma) andesite and intermediate intrusives with these units occupying a presumed graben setting. Mineralization appears to be best developed within fine clastics and the intrusive bodies, with only minor amounts occurring within conglomerate bodies. Mineralization may be associated with the waning stages of Casino Suite (79-74 Ma) or perhaps Prospector Mountain Suite (72-68 Ma) magmatism which is thought to be the sub-volcanic equivalent of the Carmacks Group. Late Cretaceous intrusives such as the Casino and Prospector Mountain Suites in the Yukon and the correlative Bulkley Suite in BC are highly prospective for both porphyry (Casino deposit and Huckleberry Mine) and epithermal style deposits such as Blackwater in central BC where reserves of 8.6 million ounces of gold and 57.5 million ounces of silver are associated with the waning stages of Bulkley Suite (88-70) magmatism. Although significant amounts of advanced work such as drilling, trenching and bulk-sampling have been conducted in the Grabben Gold area, the vast majority of this work was focused on the economic

potential of the conglomerate bodies and the amount of preliminary vectoring methods such as soil sampling was extremely limited in both scale and extent, thereby leaving significant potential for a grassroots discovery especially in areas underlain by volcanic to intrusive bodies and fine clastics.

Recommendations – Further work is recommended for the Grabben Gold project. Soil sampling, mapping and prospecting as well as excavator trenching should be completed over the Grabben Main, Grabben North A, B, C and Grabben East targets in an effort to further define and close off these anomalies. Pending results of this work a rotary air blast or reverse circulation drill program should be contemplated.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115-O-11
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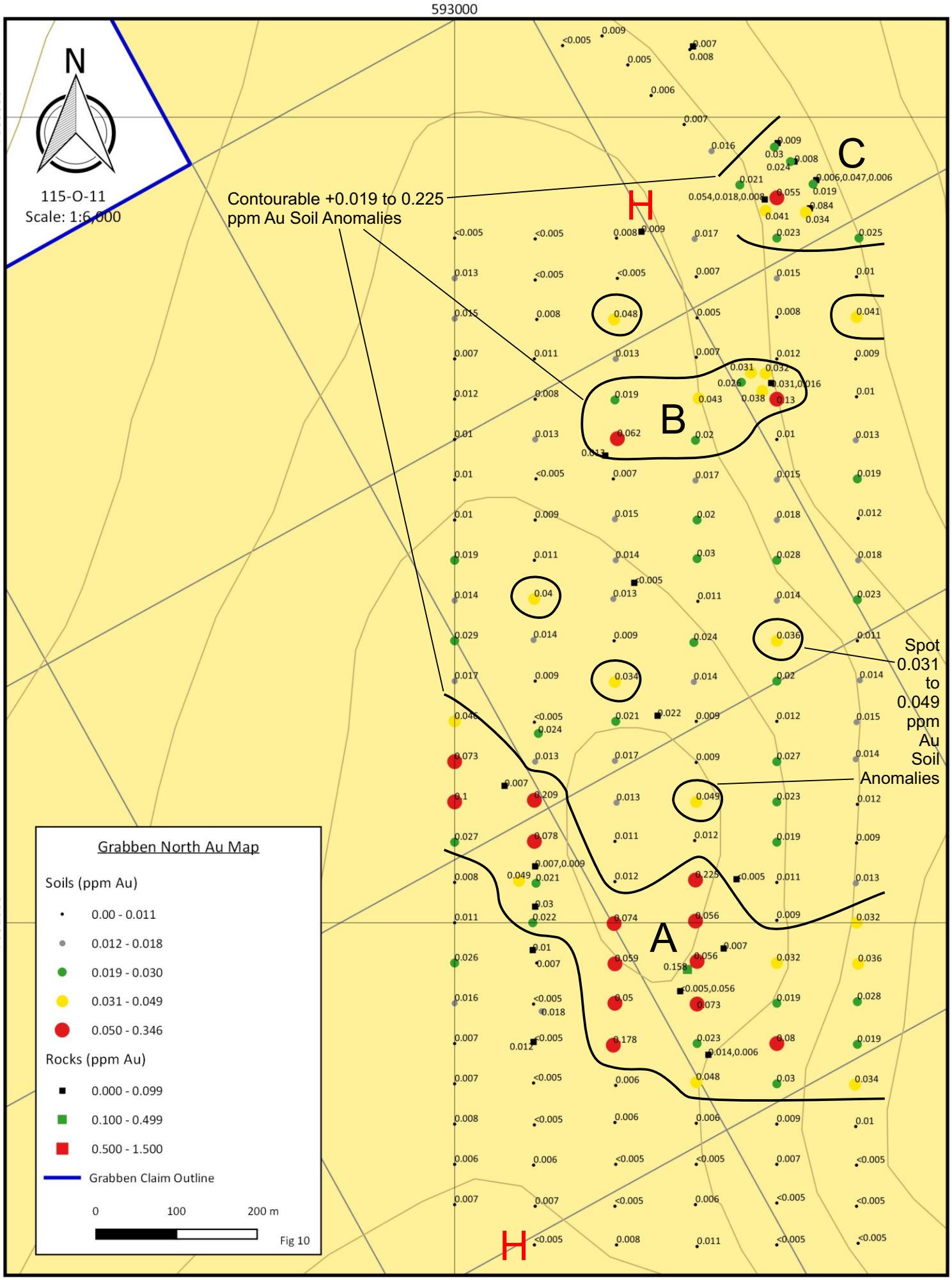
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
A
B
C
H
H
Spot 0.031 to 0.049 ppm Au Soil Anomalies
Grabben North Sample Label Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Grabben Claim Outline
0
100
200 m
Fig 9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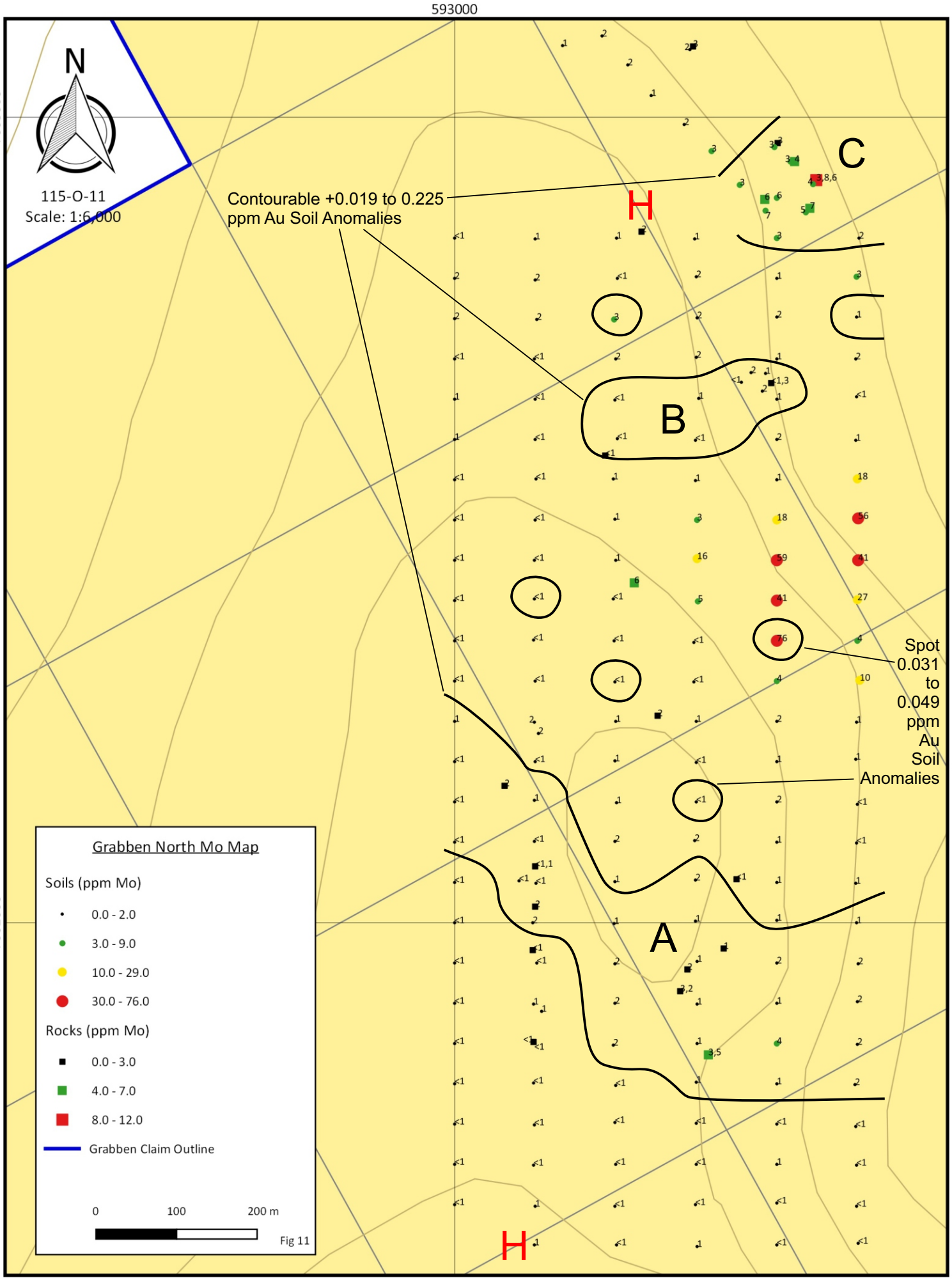
N
115-O-11
Scale: 1:6,000
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
Spot 0.031 to 0.049 ppm Au Soil Anomalies
A
B
C
H
H
Grabben North Au Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Grabben Claim Outline
0
100
200 m
Fig 10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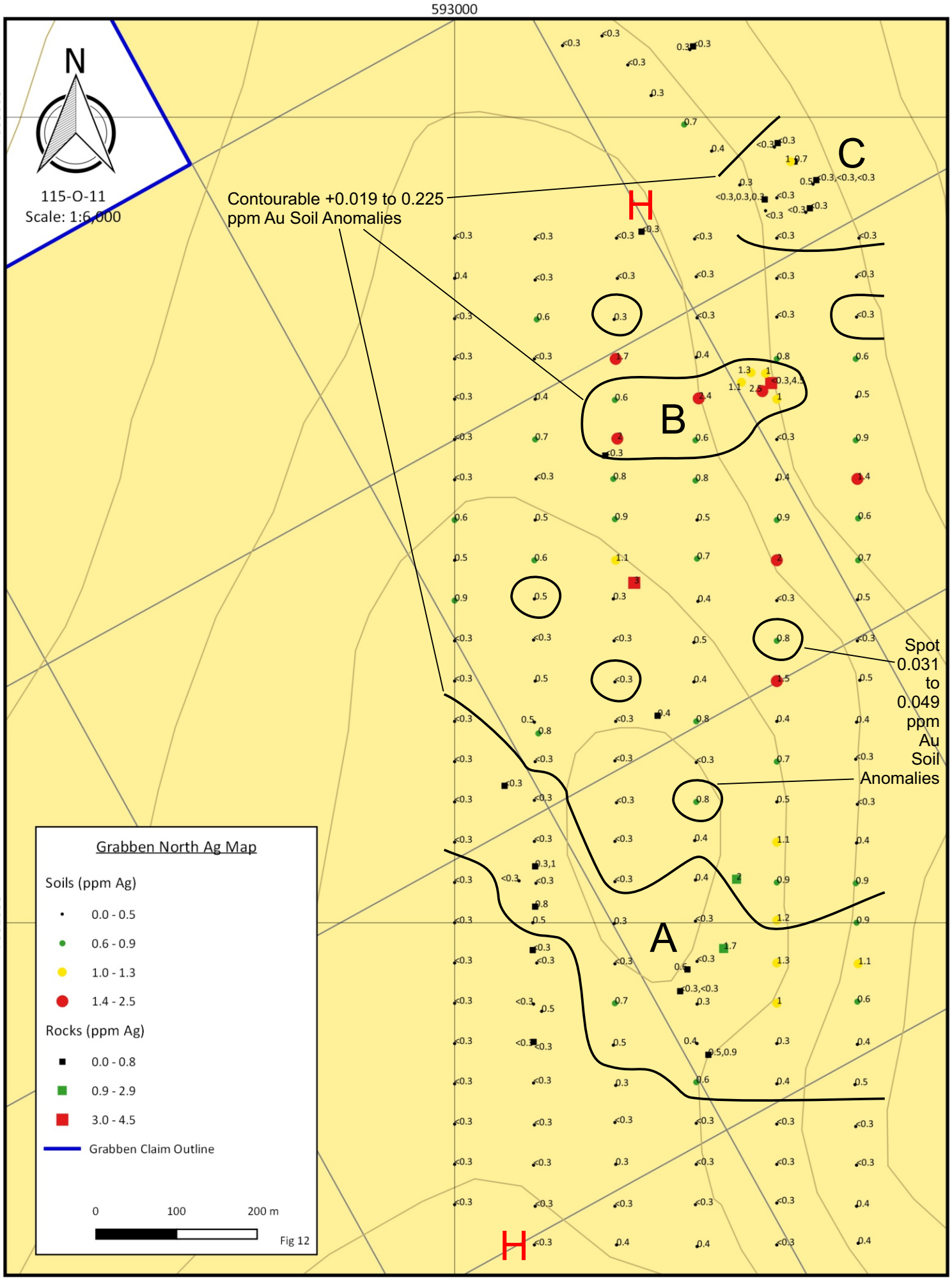
N
115-O-11
Scale: 1:6,000
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
H
C
B
A
H
Spot 0.031 to 0.049 ppm Au Soil Anomalies
Grabben North Mo Map
Soils (ppm Mo)
0.0 - 2.0
3.0 - 9.0
10.0 - 29.0
30.0 - 76.0
Rocks (ppm Mo)
0.0 - 3.0
4.0 - 7.0
8.0 - 12.0
Grabben Claim Outline
0
100
200 m
Fig 11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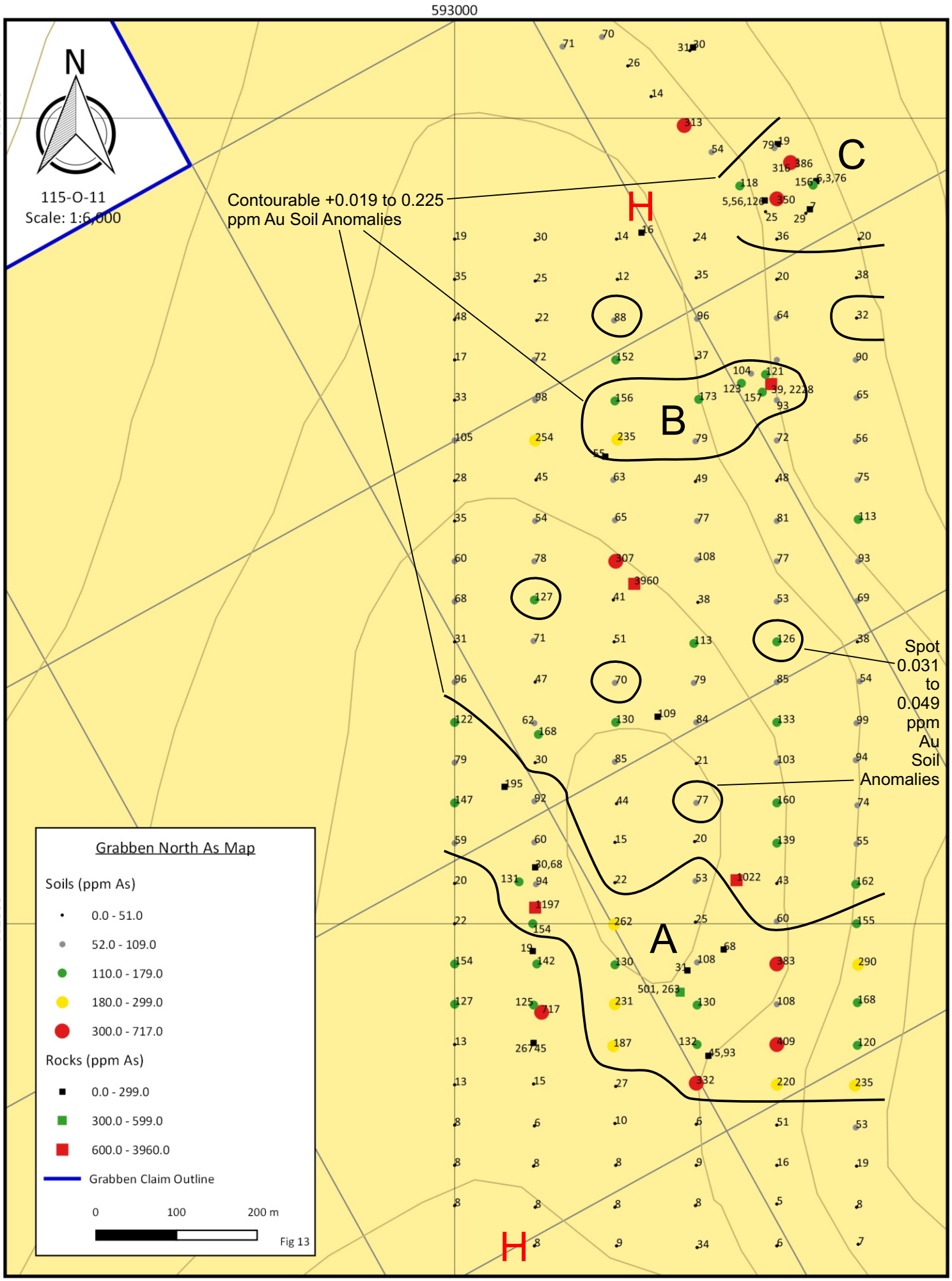
N
115-O-11
Scale: 1:6,000
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
Spot 0.031 to 0.049 ppm Au Soil Anomalies
A
B
C
H
H
Grabben North Ag Map
Soils (ppm Ag)
0.0 - 0.5
0.6 - 0.9
1.0 - 1.3
1.4 - 2.5
Rocks (ppm Ag)
0.0 - 0.8
0.9 - 2.9
3.0 - 4.5
Grabben Claim Outline
0
100
200 m
Fig 12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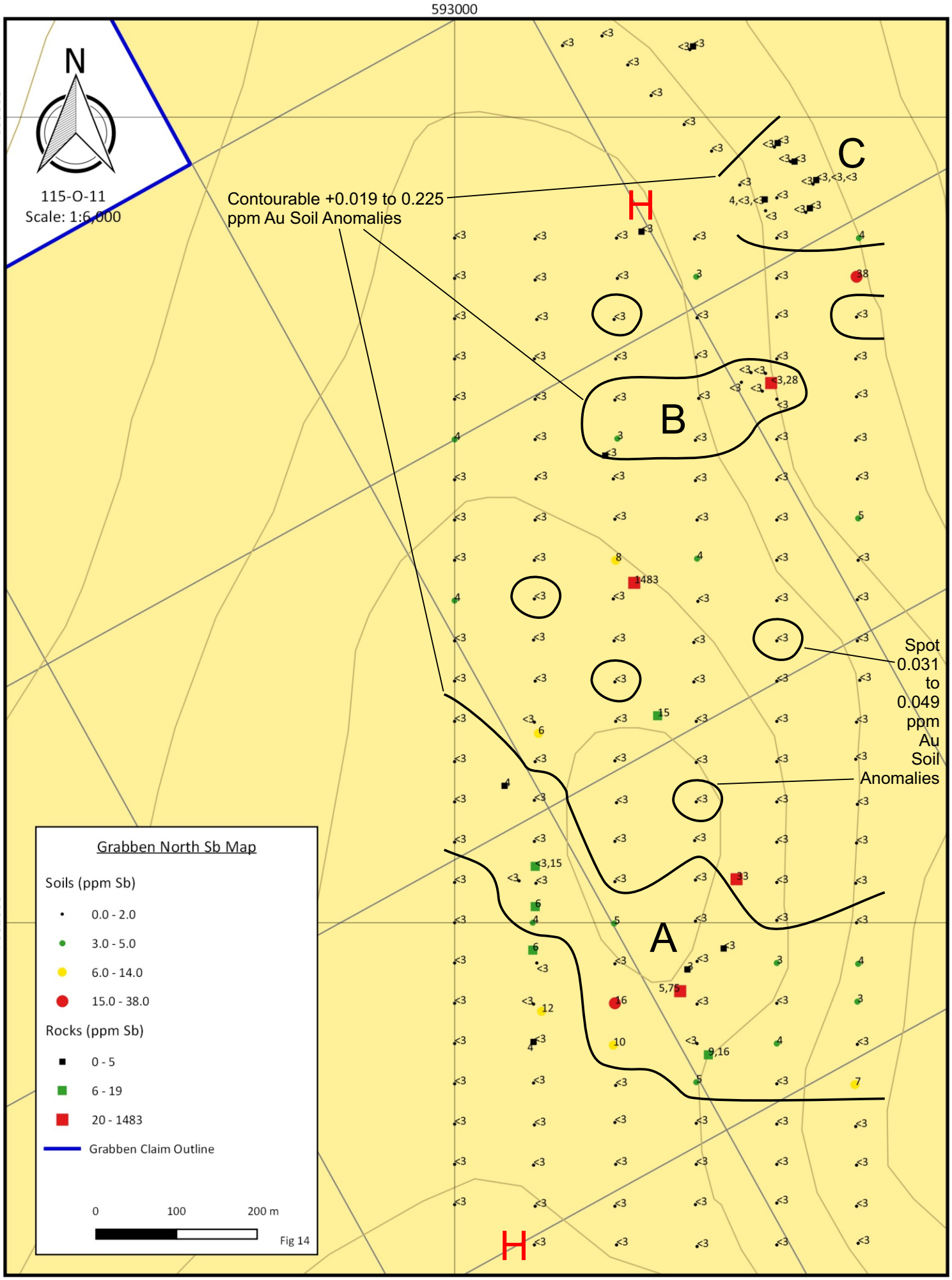
7062000
N
115-O-11
Scale: 1:6,000
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
Spot 0.031 to 0.049 ppm Au Soil Anomalies
A
B
C
H
H
Grabben North As Map
Soils (ppm As)
0.0 - 51.0
52.0 - 109.0
110.0 - 179.0
180.0 - 299.0
300.0 - 717.0
Rocks (ppm As)
0.0 - 299.0
300.0 - 599.0
600.0 - 3960.0
Grabben Claim Outline
0
100
200 m
Fig 13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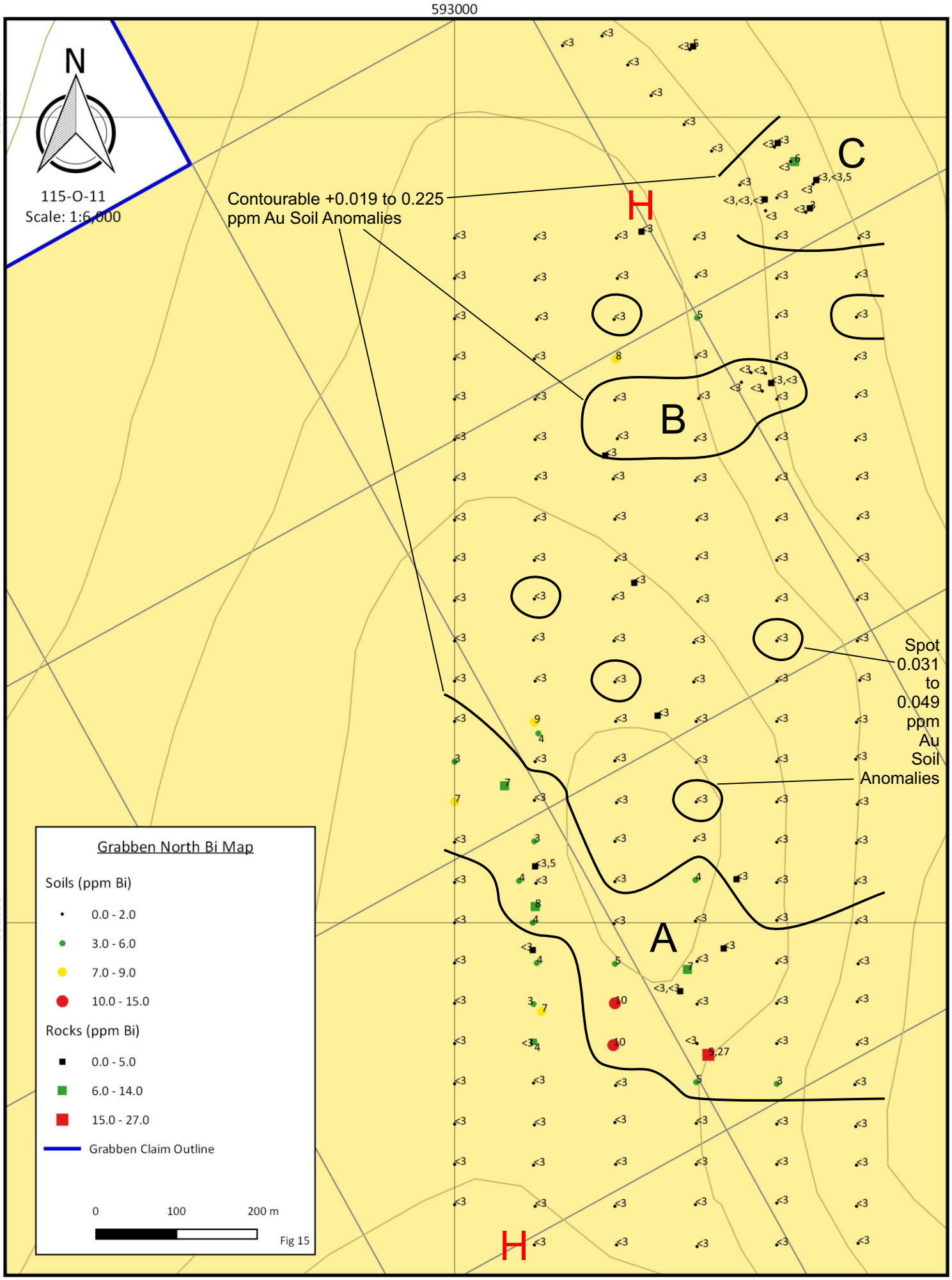
7062000
N
115-O-11
Scale: 1:6,000
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
Spot 0.031 to 0.049 ppm Au Soil Anomalies
A
B
C
H
H
Grabben North Sb Map
Soils (ppm Sb)
0.0 - 2.0
3.0 - 5.0
6.0 - 14.0
15.0 - 38.0
Rocks (ppm Sb)
0 - 5
6 - 19
20 - 1483
Grabben Claim Outline
0
100
200 m
Fig 14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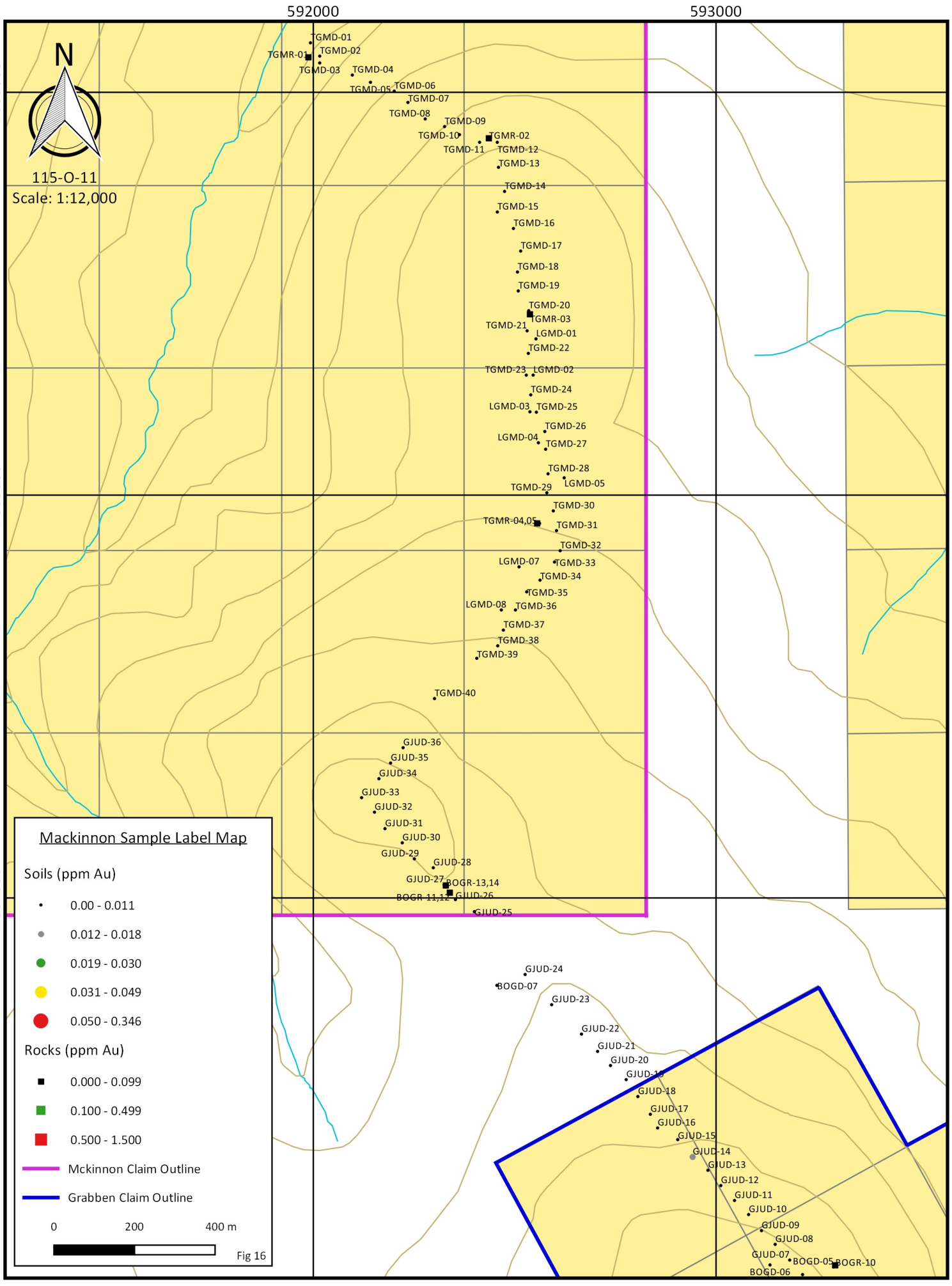
115-O-11
Scale: 1:6,000
Contourable +0.019 to 0.225 ppm Au Soil Anomalies
Spot 0.031 to 0.049 ppm Au Soil Anomalies
A
B
C
H
H
Grabben North Bi Map
Soils (ppm Bi)
0.0 - 2.0
3.0 - 6.0
7.0 - 9.0
10.0 - 15.0
Rocks (ppm Bi)
0.0 - 5.0
6.0 - 14.0
15.0 - 27.0
Grabben Claim Outline
0
100
200 m
Fig 15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115-O-11
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TGMD-01
TGMD-02
TGMR-01
TGMD-03
TGMD-04
TGMD-05
TGMD-06
TGMD-07
TGMD-08
TGMD-09
TGMD-10
TGMR-02
TGMD-11
TGMD-12
TGMD-13
TGMD-14
TGMD-15
TGMD-16
TGMD-17
TGMD-18
TGMD-19
TGMD-20
TGMR-03
TGMD-21
LGMD-01
TGMD-22
TGMD-23
LGMD-02
TGMD-24
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TGMD-25
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LGMD-08
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BOGD-07
GJUD-23
GJUD-22
GJUD-21
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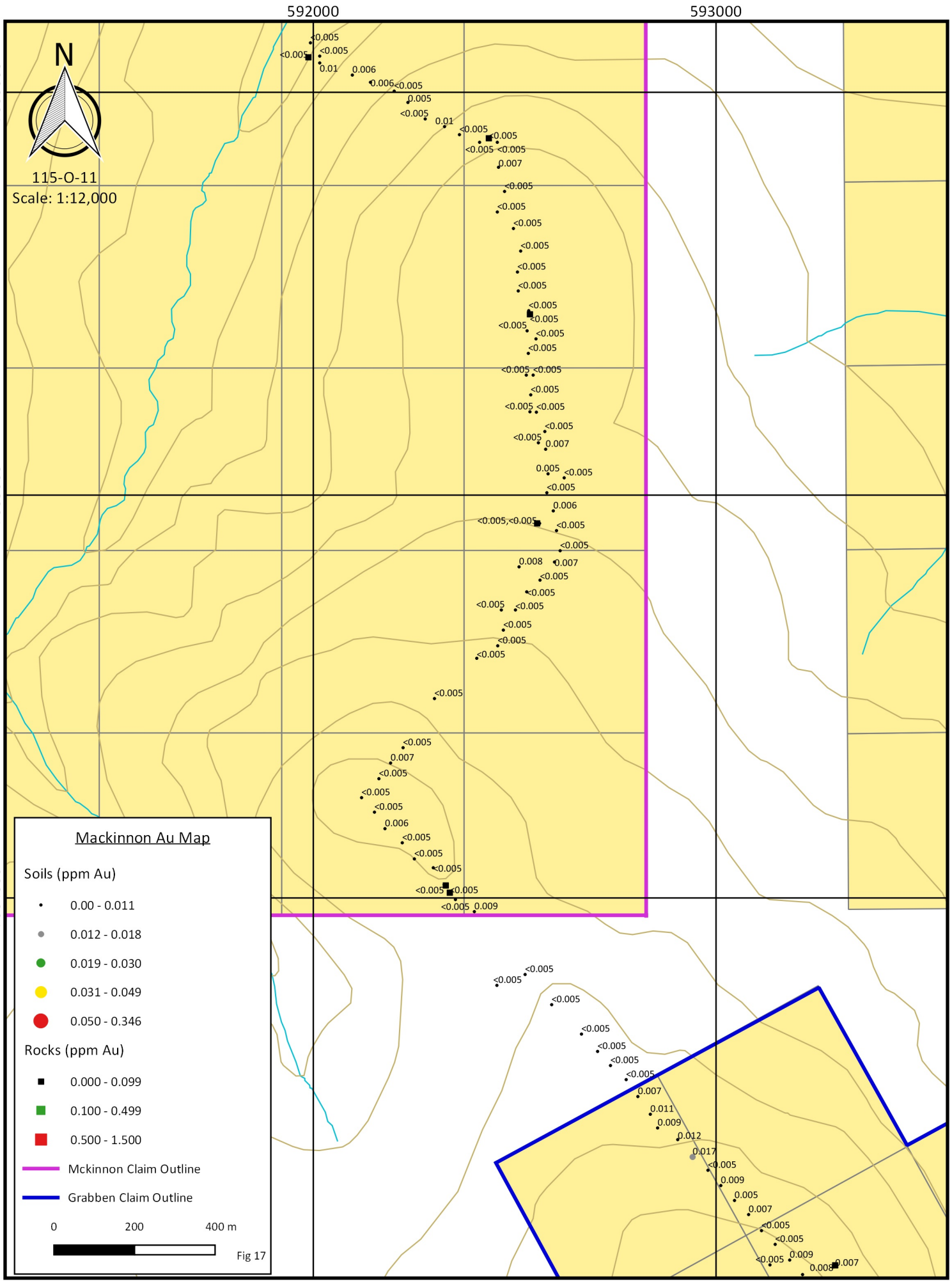
GJUD-19
GJUD-18
GJUD-17
GJUD-16
GJUD-15
GJUD-14
GJUD-13
GJUD-12
GJUD-11
GJUD-10
GJUD-09
GJUD-08
GJUD-07
BOGD-05
BOGR-10
BOGD-06
Mackinnon Sample Label Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Mckinnon Claim Outline
Grabben Claim Outline
0
200
400 m
Fig 16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7066000
7065000
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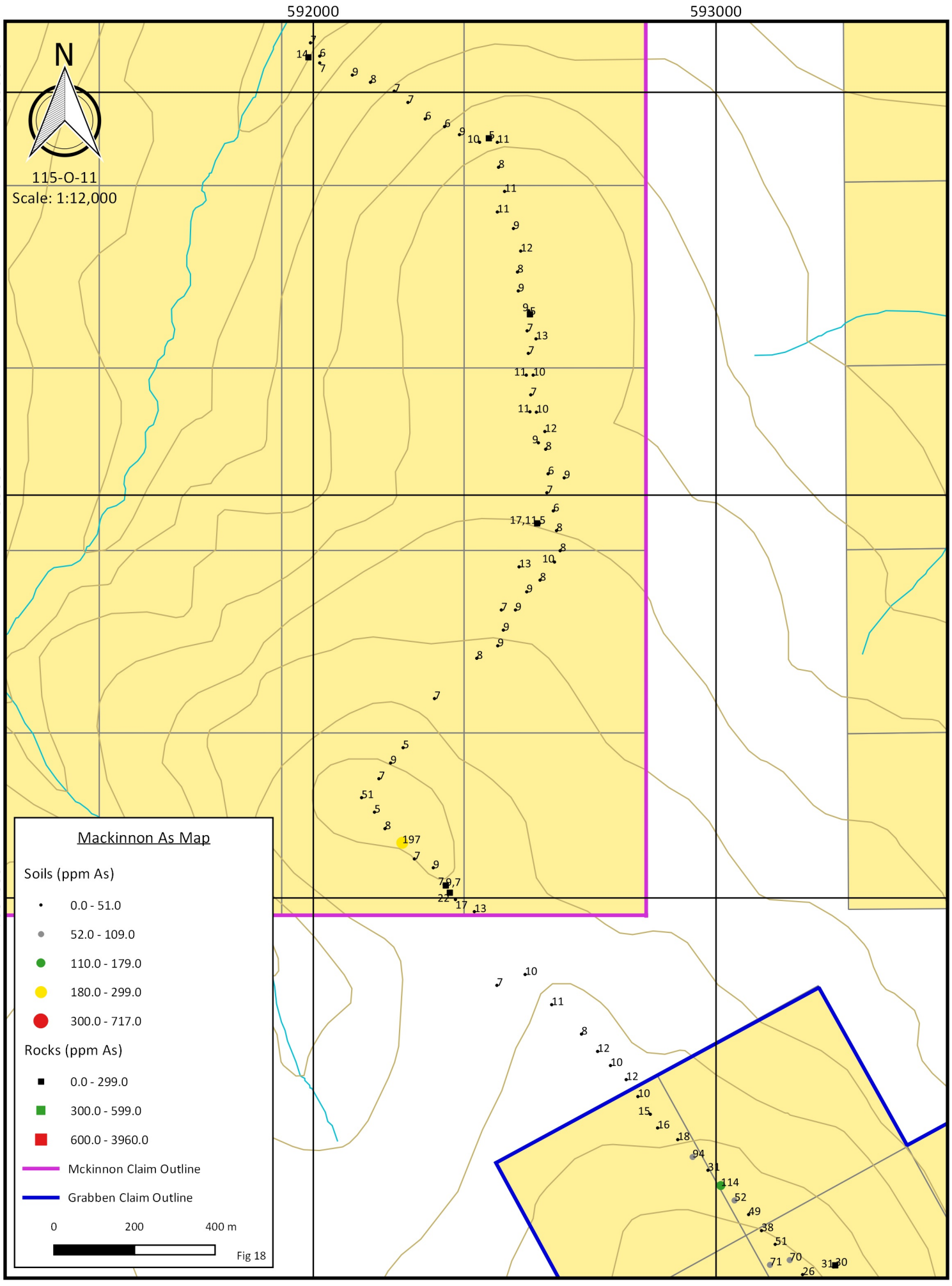
N
115-O-11
Scale: 1:12,000
Mackinnon Au Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Mckinnon Claim Outline
Grabben Claim Outline
0
200
400 m
Fig 17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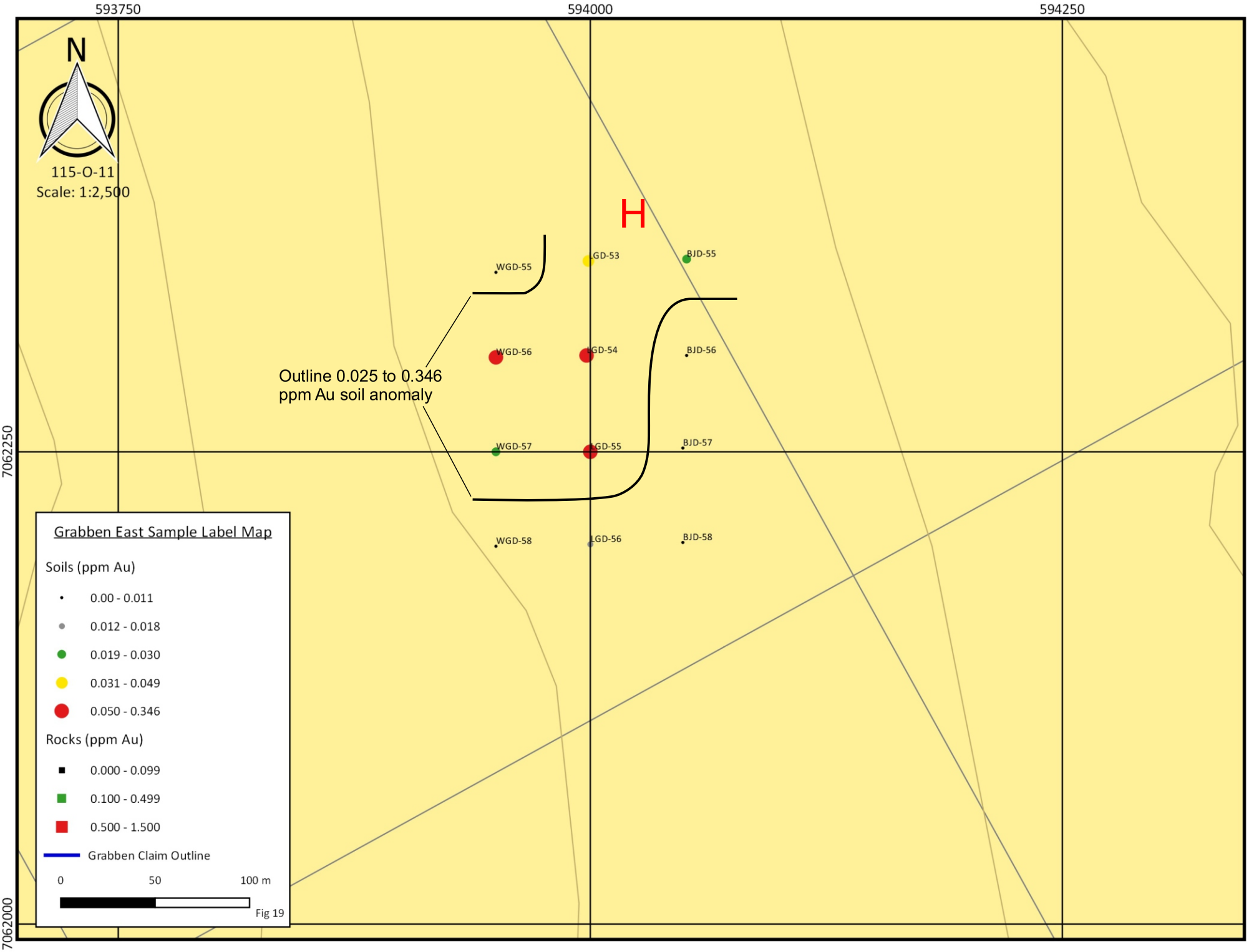
7064000
N
115-O-11
Scale: 1:12,000
Mackinnon As Map
Soils (ppm As)
0.0 - 51.0
52.0 - 109.0
110.0 - 179.0
180.0 - 299.0
300.0 - 717.0
Rocks (ppm As)
0.0 - 299.0
300.0 - 599.0
600.0 - 3960.0
Mckinnon Claim Outline
Grabben Claim Outline
0
200
400 m
Fig 18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7062000
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115-O-11
Scale: 1:2,500
H
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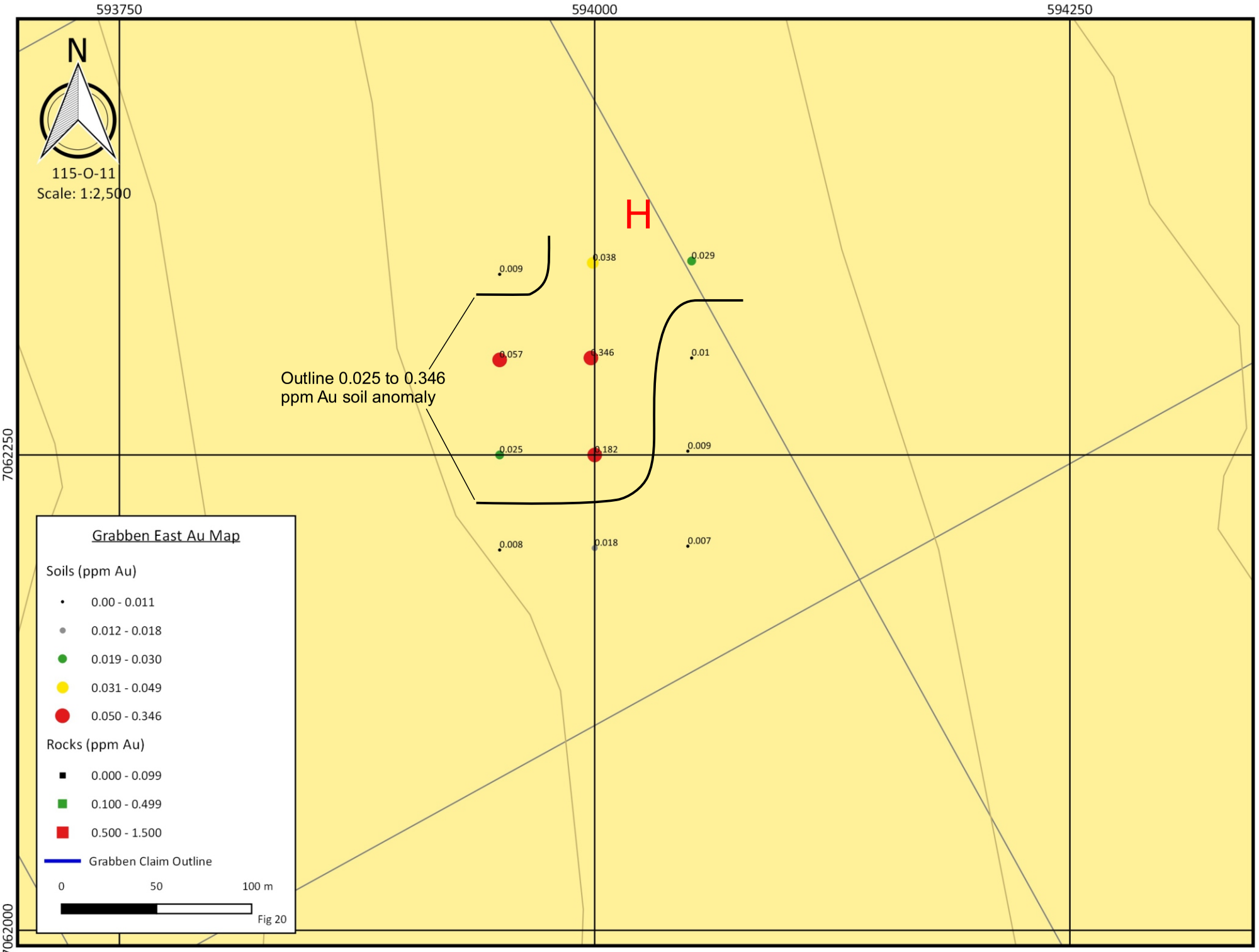
LGD-53
BJD-55
WGD-56
LGD-54
BJD-56
WGD-57
LGD-55
BJD-57
WGD-58
LGD-56
BJD-58
Outline 0.025 to 0.346
ppm Au soil anomaly
Grabben East Sample Label Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Grabben Claim Outline
0
50
100 m
Fig 19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594000
594250
7062250
7062000
N
115-O-11
Scale: 1:2,500
H
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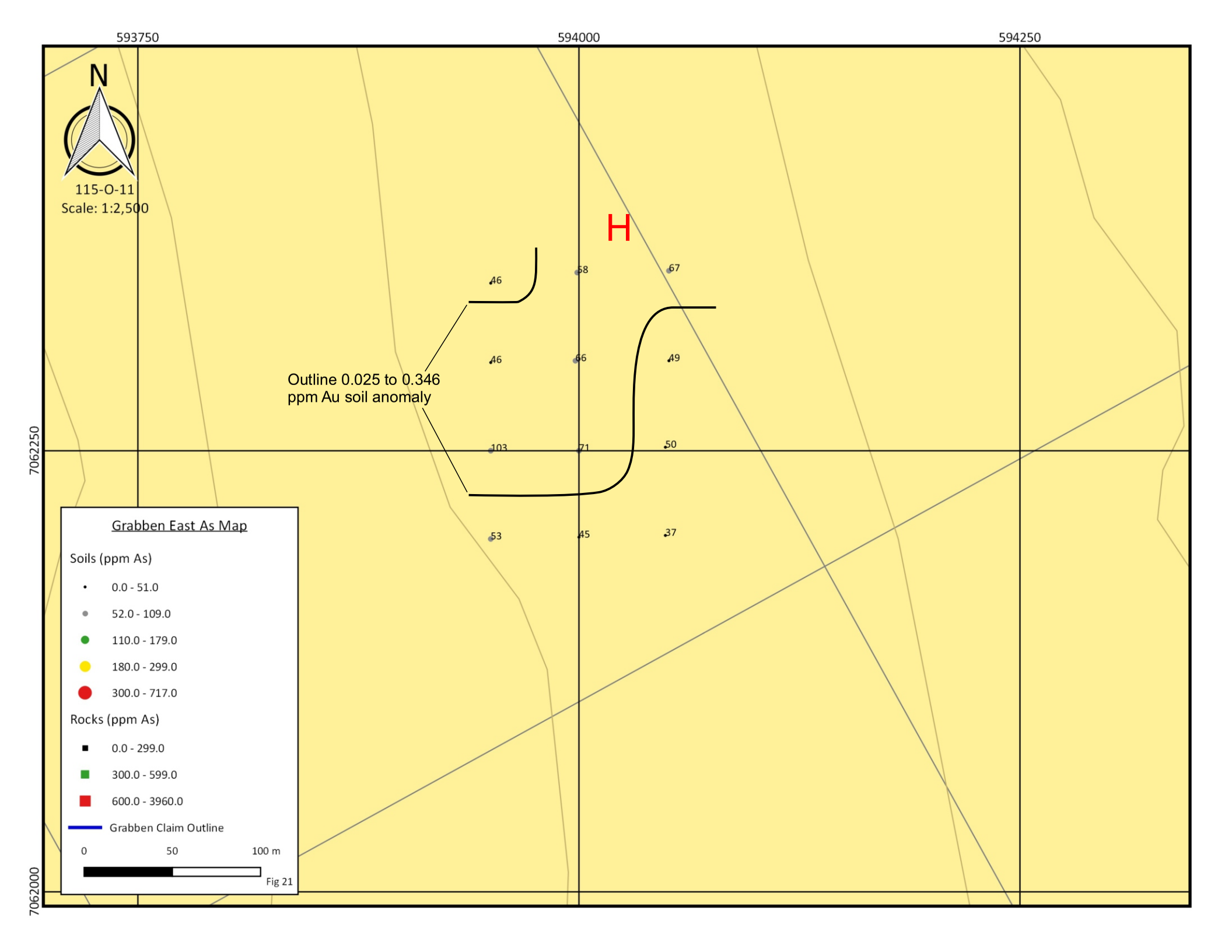
0.038
0.029
0.057
0.346
0.01
0.025
0.182
0.009
0.008
0.018
0.007
Outline 0.025 to 0.346
ppm Au soil anomaly
Grabben East Au Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
Grabben Claim Outline
0
50
100 m
Fig 20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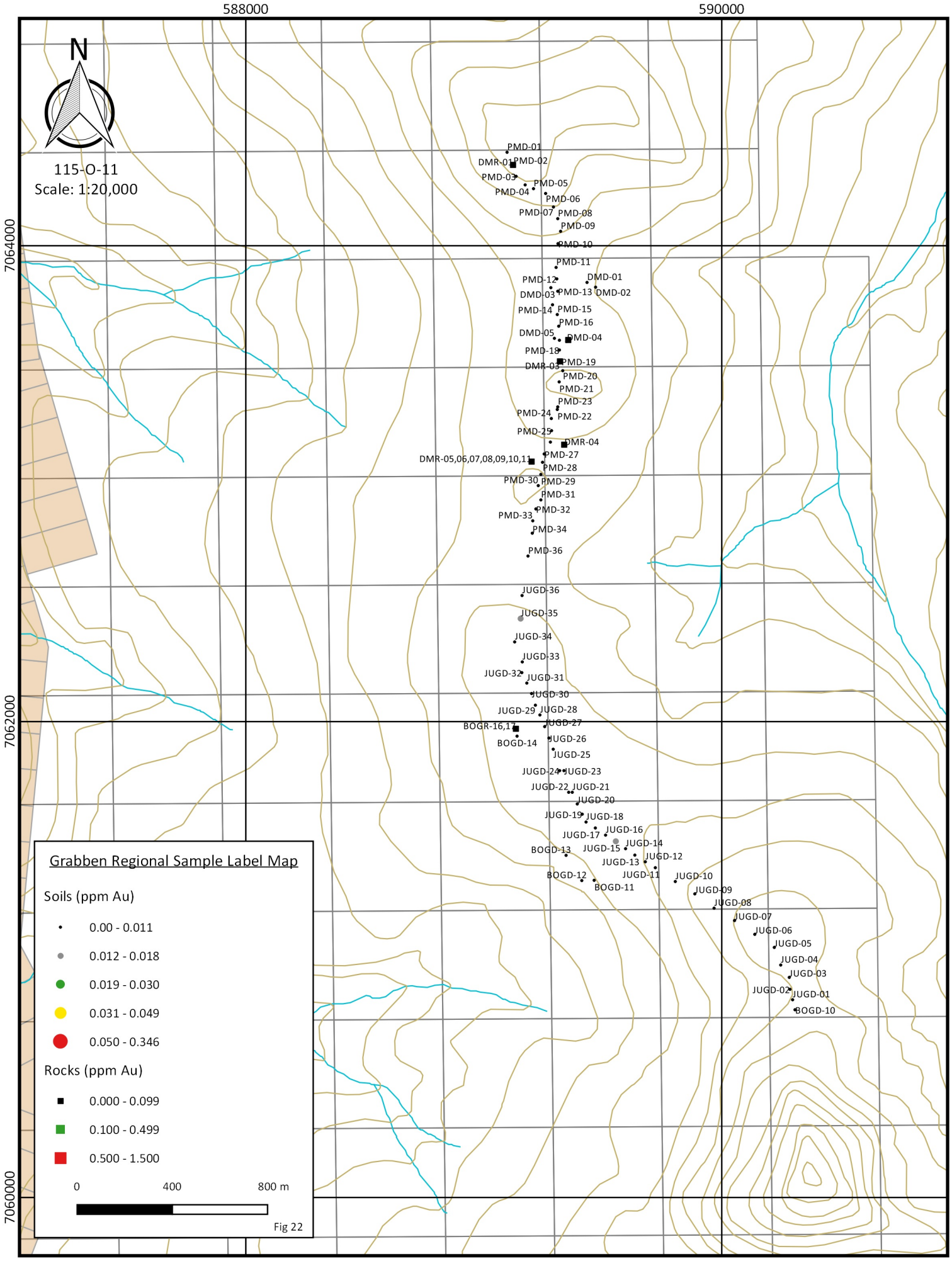
N
115-O-11
Scale: 1:2,500
H
46
68
67
46
66
49
103
71
50
53
45
37
Outline 0.025 to 0.346
ppm Au soil anomaly
Grabben East As Map
Soils (ppm As)
0.0 - 51.0
52.0 - 109.0
110.0 - 179.0
180.0 - 299.0
300.0 - 717.0
Rocks (ppm As)
0.0 - 299.0
300.0 - 599.0
600.0 - 3960.0
Grabben Claim Outline
0
50
100 m
Fig 21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7060000
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115-O-11
Scale: 1:20,000
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DMR-01
PMD-02
PMD-03
PMD-05
PMD-04
PMD-06
PMD-07
PMD-08
PMD-09
PMD-10
PMD-11
PMD-12
DMD-01
PMD-13
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PMD-30
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BOGD-12
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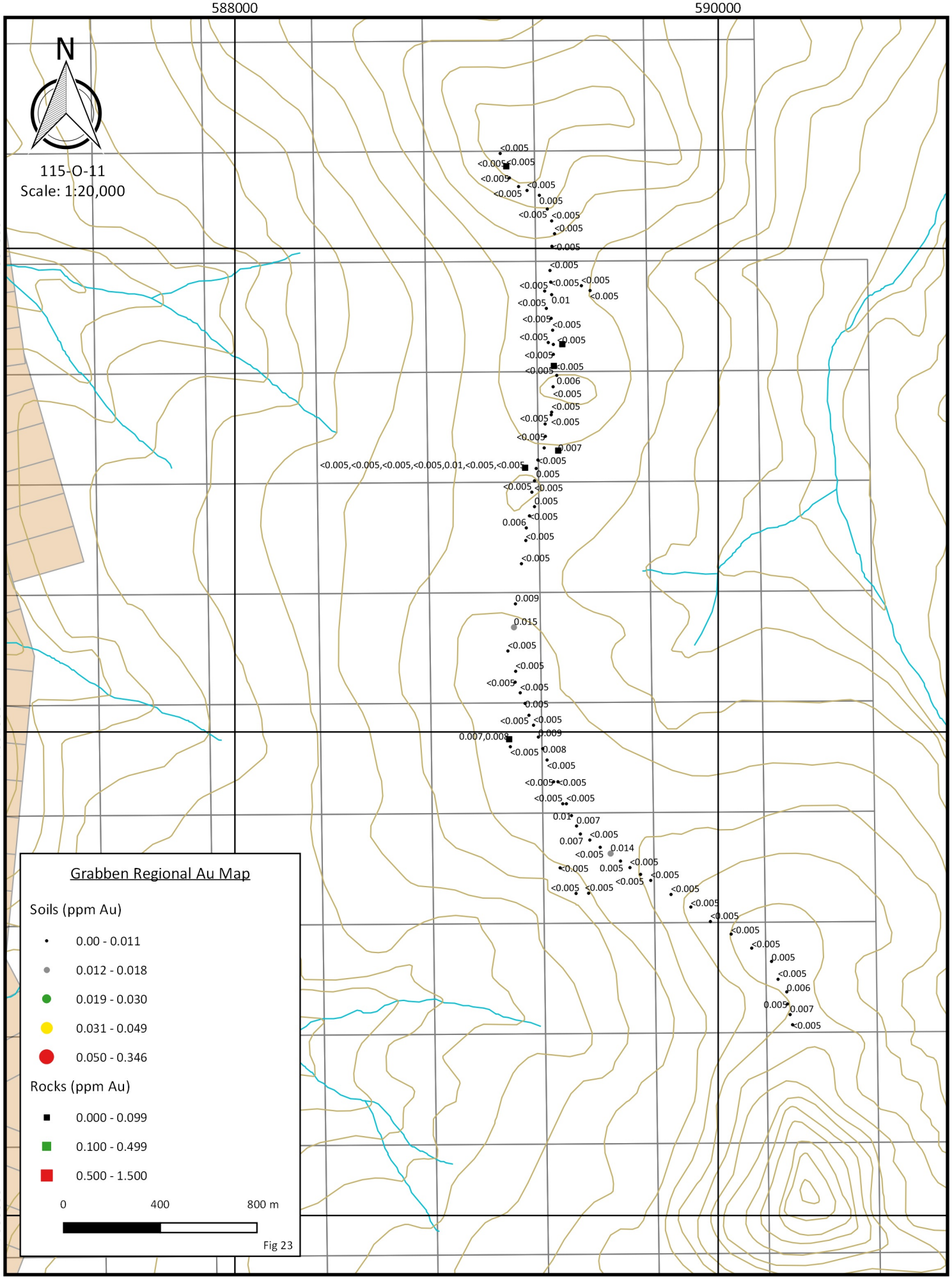
JUGD-08
JUGD-07
JUGD-06
JUGD-05
JUGD-04
JUGD-03
JUGD-02
JUGD-01
BOGD-10
Grabben Regional Sample Label Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
0
400
800 m
Fig 22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7062000
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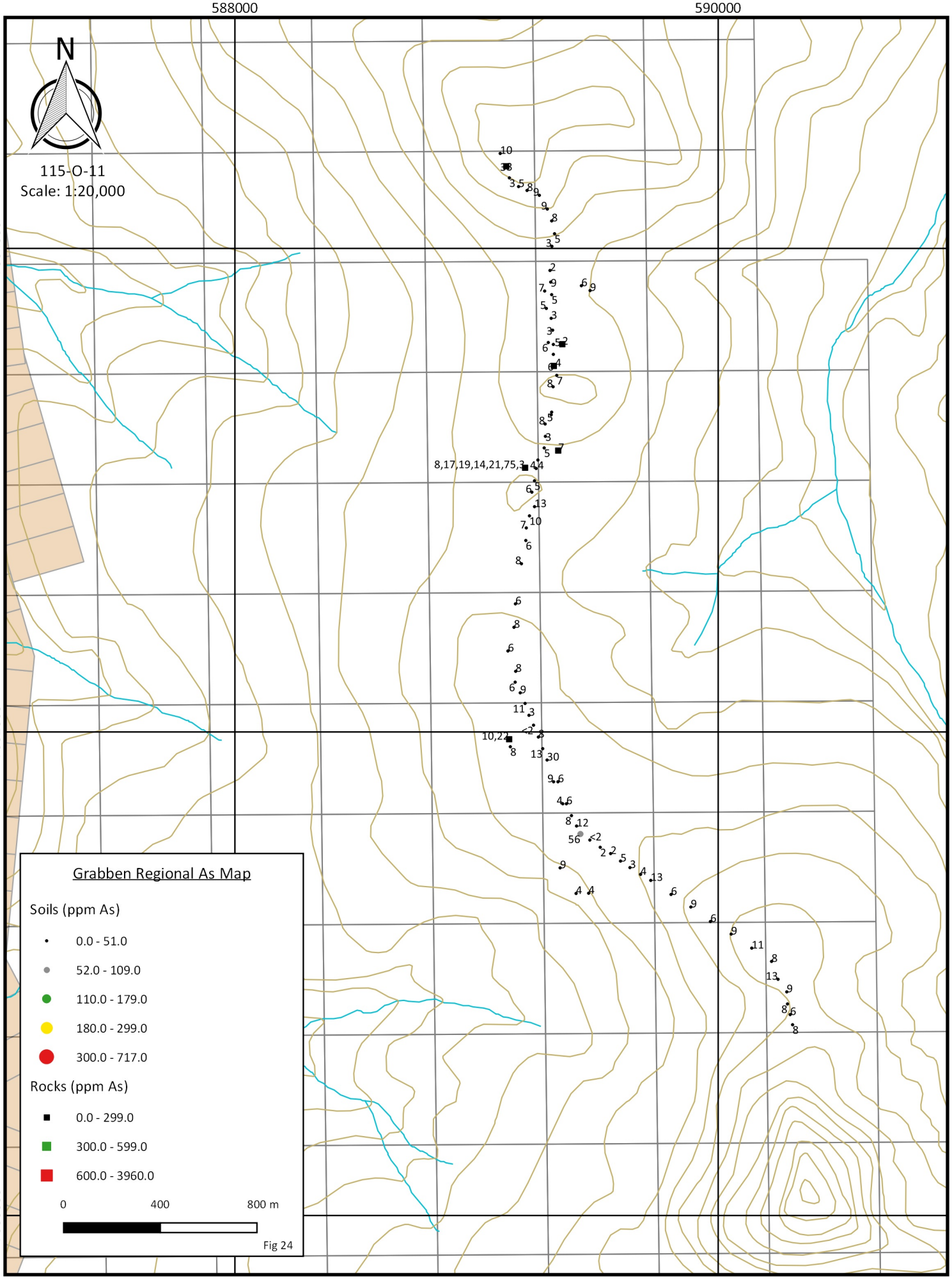
115-O-11
Scale: 1:20,000
Grabben Regional Au Map
Soils (ppm Au)
0.00 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.346
Rocks (ppm Au)
0.000 - 0.099
0.100 - 0.499
0.500 - 1.500
0
400
800 m
Fig 23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7060000
N
115-O-11
Scale: 1:20,000
Grabben Regional As Map
Soils (ppm As)
0.0 - 51.0
52.0 - 109.0
110.0 - 179.0
180.0 - 299.0
300.0 - 717.0
Rocks (ppm As)
0.0 - 299.0
300.0 - 599.0
600.0 - 3960.0
0
400
800 m
Fig 24

2017 Grabben Rock Sample Table

Sample Code	Easting	Northing	Description	Wgt	Au	Mo	Ag	As	Sb	Bi
BJR-01	593102	7061955	bleached and weakly clay alt interm int with scorodite patch	0.36	<0.005	2	0.5	924	11	18
BOGR-01	593385	7062898	qtz rich biotite int poss chlorite alt diss and clotty py to 0.75%	0.66	0.054	6	<0.3	126	4	<3
BOGR-02	593382	7062890	grungy lim bleached and clay alt intermediate int	0.44	0.018	12	0.3	56	<3	<3
BOGR-03	593396	7062907	heavily lim weakly clay alt ? Rock	0.69	0.008	4	0.3	5	<3	<3
BOGR-04	593441	7062887	as per BOGR-01 less py poss 0.25% some frac controlled lim	0.72	0.084	7	<0.3	7	<3	3
BOGR-05	593445	7062917	foliated and weakly silicic qtz rich biotite int	0.41	0.006	3	<0.3	6	<3	<3
BOGR-06	593445	7062917	silicic qtz rich bitotite int 0.5% py diss and clotty some weathers like bornite	0.73	0.047	8	<0.3	3	<3	<3
BOGR-07	593445	7062917	grungy lim bleached and clay alt qtz rich int some frac control py, feldspars to clay	0.56	0.006	6	<0.3	76	<3	5
BOGR-08	593417	7062945	grungy lim weakly hematitic bleached silicic clay alt rock poss intermediate int	0.14	0.008	4	0.7	386	<3	6
BOGR-09	593397	7062963	siltstone cut by qtz sulphide vn or cooked up at margin of int	0.07	0.009	3	<0.3	19	<3	<3
BOGR-10	593292	7063084	grungy lim to red ocherous int	0.43	0.007	3	<0.3	30	<3	5
BOGR-11	592339	7064013	bleached int cut by fe-carb stkwrk trace diss py lim jarosite	1.03	<0.005	3	<0.3	22	<3	<3
BOGR-12	592339	7064013	as above cut by hairline qv and mm scale qtz lim vn	0.46	<0.005	2	<0.3	8	<3	<3
BOGR-13	592329	7064031	cherty qv frags minor lim milky white	0.2	0.005	2	<0.3	9	<3	<3
BOGR-13a	592329	7064031	cherty qtz frags minor lim milky white bleached clay alt int cut by fe-carb stkwrk	0.12	0.006	<1	<0.3	7	<3	4
BOGR-14	592329	7064031	bleached clay alt int cut by fe-carb stkwrk	0.53	<0.005	2	<0.3	7	<3	<3
BOGR-16	589140	7061939	silicic qtz pebble cong black in matrix and cut by hairline to mm scale banded qv	0.24	0.007	1	<0.3	10	<3	4
BOGR-17	589135	7061970	heavily fe-carb alt lim fine clatic	0.12	0.008	9	<0.3	22	<3	3
DMR-01	589123	7064340	intermediate int weakly lim	0.36	<0.005	1	<0.3	3	<3	<3
DMR-02	589349	7063598	as above	0.26	<0.005	2	<0.3	2	<3	<3
DMR-03	589326	7063514	as above	0.33	<0.005	1	<0.3	6	<3	<3
DMR-04	589338	7063164	bleached and fe-carb alt sandstone cut by lim vn	0.42	0.007	1	<0.3	7	4	<3
DMR-05	589318	7063603	bleached and lim sandstone, graphite in matrix?	0.3	<0.005	1	<0.3	8	<3	3
DMR-06	589243	7063104	as above	0.14	<0.005	3	<0.3	17	<3	<3
DMR-07	589267	7063102	as above	0.17	<0.005	3	<0.3	19	<3	<3
DMR-08	589254	7063125	as above yellow lim in matrix	0.17	<0.005	1	<0.3	14	<3	<3
DMR-09	589251	7063117	grey sandstone poss black sulphide patch	0.2	0.01	2	<0.3	21	<3	<3
DMR-10	589253	7063076	as per DMR-05 with poss grey sulpide vn	0.09	<0.005	8	<0.3	75	<3	<3
DMR-11	589253	7063076	as per DMR-05	0.39	<0.005	<1	<0.3	3	<3	<3
GRBK-01	593320	7061835	lim bleached silicic rock poss scorodite original texture obliterated	0.48	0.014	3	0.5	45	9	5
GRBK-02	593311	7061838	weakly brx bleached and lim int with trace podiform py	0.31	0.006	5	0.9	93	16	27
GRBK-03	593280	7061915	lim and goethite cemented brx siltstone	0.32	<0.005	3	<0.3	501	5	<3
GRBK-04	593274	7061924	as above	0.4	0.056	2	<0.3	263	75	<3
GRBK-05	593334	7061968	cherty looking sed rock with dark (sulphide) patches	0.33	0.007	1	1.7	68	<3	<3
GRBK-06	593350	7062054	brx and bleached lim and goethite rock	0.36	<0.005	<1	2	1022	33	<3
GRBK-07	593252	7062257	fine sed rock variably lim and frac	0.39	0.022	2	0.4	109	15	<3
GRBK-08	593223	7062422	heavily brx lim goethite coated and cemented	0.32	<0.005	6	3	3960	1483	<3
GRBK-09	593393	7062670	silicic grey fine sed rock with lim and rare fracs and weathered patch of yellow lim	0.4	0.031	<1	<0.3	2228	<3	<3
GRBK-10	593372	7062680	dense lim rock orginal textures obliterated red and yellow, poss brx	0.15	0.016	3	4.5	39	28	<3
GRBK-11	593232	7062858	lim and bleached rock looks like alt intermediate int from main zone	0.49	0.009	2	<0.3	16	<3	<3

Sample Code	Easting	Northing	Description	Wgt	Au	Mo	Ag	As	Sb	Bi
GRBK-12	593098	7061852	brx and lim conglomerate with vuggy fracs and fine py along fracs	0.36	0.012	<1	<0.3	267	4	<3
GRBK-13	593097	7061966	bleached or clay alt vfg sed rx with lim and poss py/wad as rind	0.09	0.01	<1	<0.3	19	6	<3
GRBK-14	593100	7062020	silicic and bleached and poss clay alt or weathered intermediate int heavily lim	0.4	0.03	2	0.8	1197	6	8
GRBK-15	593100	7062070	bleached sandstone cut by vuggy and limonitic fracs alt (lim) adjacent to fracs	0.49	0.007	<1	0.3	30	<3	<3
GRBK-16	593100	7062070	clay alt qtzt cut by narrow dark vns (likely py) and with clot of py; poss brx	0.37	0.009	1	1	68	15	5
GRBK-17	593062	7062170	clay alt and bleached int ? Lim on fracs	0.32	0.007	2	<0.3	195	4	7
GRBK-18	593187	7062580	bleached and silicic siltstone lim on fracs and as pods	0.75	0.013	<1	<0.3	55	<3	<3
LGR-01	593289	7061942	bleached and weakly clay alt interm int with scorodite patch	0.3	0.158	2	0.6	31	3	7
TGMR-01	591988	7066087	trace diss py graphite or biotite int vfg or sed	0.24	<0.005	2	0.3	14	<3	6
TGMR-02	592436	7065886	int	0.48	<0.005	1	<0.3	5	<3	4
TGMR-03	592538	7065449	as above	0.31	<0.005	1	<0.3	5	<3	3
TGMR-04	592562	7064930	bleached lim intermediate int	0.14	<0.005	2	<0.3	17	<3	<3
TGMR-05	592562	7064930	sandstone lim cut by hariline qv	0.32	<0.005	1	<0.3	11	<3	<3

2017 Grabben Soil Sample Table

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
BJD-01	Grabben	593501	7061602	Soil	<0.005	<1	0.4	7	<3	<3
BJD-02	Grabben	593499	7061648	Soil	<0.005	<1	0.4	8	<3	<3
BJD-03	Grabben	593499	7061699	Soil	<0.005	<1	<0.3	19	<3	<3
BJD-04	Grabben	593498	7061747	Soil	0.01	<1	<0.3	53	<3	<3
BJD-05	Grabben	593497	7061799	Soil	0.034	2	0.5	235	7	<3
BJD-06	Grabben	593500	7061849	Soil	0.019	2	0.4	120	<3	<3
BJD-07	Grabben	593500	7061902	Soil	0.028	2	0.6	168	3	<3
BJD-08	Grabben	593501	7061949	Soil	0.036	2	1.1	290	4	<3
BJD-09	Grabben	593499	7062000	Soil	0.032	1	0.9	155	<3	<3
BJD-10	Grabben	593498	7062049	Soil	0.013	1	0.9	162	<3	<3
BJD-11	Grabben	593499	7062099	Soil	0.009	<1	0.4	55	<3	<3
BJD-12	Grabben	593500	7062147	Soil	0.012	<1	<0.3	74	<3	<3
BJD-13	Grabben	593498	7062203	Soil	0.014	1	<0.3	94	<3	<3
BJD-14	Grabben	593499	7062249	Soil	0.015	1	0.4	99	<3	<3
BJD-15	Grabben	593503	7062301	Soil	0.014	10	0.5	54	<3	<3
BJD-16	Grabben	593500	7062350	Soil	0.011	4	<0.3	38	<3	<3
BJD-17	Grabben	593500	7062401	Soil	0.023	27	0.5	69	<3	<3
BJD-18	Grabben	593501	7062450	Soil	0.018	41	0.7	93	<3	<3
BJD-19	Grabben	593501	7062502	Soil	0.012	56	0.6	113	5	<3
BJD-20	Grabben	593500	7062551	Soil	0.019	18	1.4	75	<3	<3
BJD-21	Grabben	593498	7062599	Soil	0.013	1	0.9	56	<3	<3
BJD-22	Grabben	593499	7062653	Soil	0.01	<1	0.5	65	<3	<3
BJD-23	Grabben	593498	7062700	Soil	0.009	2	0.6	90	<3	<3
BJD-24	Grabben	593499	7062752	Soil	0.041	1	<0.3	32	<3	<3
BJD-25	Grabben	593499	7062802	Soil	0.01	3	<0.3	38	38	<3
BJD-26	Grabben	593502	7062850	Soil	0.025	2	<0.3	20	4	<3
BJD-27	Grabben	593386	7062682	Soil	0.032	1	1	121	<3	<3
BJD-28	Grabben	593356	7062671	Soil	0.026	<1	1.1	123	<3	<3
BJD-29	Grabben	593201	7061600	Soil	0.008	<1	0.4	9	<3	<3
BJD-30	Grabben	593199	7061648	Soil	<0.005	<1	<0.3	8	<3	<3
BJD-31	Grabben	593200	7061700	Soil	<0.005	<1	0.3	8	<3	<3
BJD-32	Grabben	593199	7061752	Soil	0.006	<1	<0.3	10	<3	<3
BJD-33	Grabben	593200	7061798	Soil	0.006	<1	0.3	27	<3	<3
BJD-34	Grabben	593197	7061848	Soil	0.178	2	0.5	187	10	10
BJD-35	Grabben	593199	7061900	Soil	0.05	2	0.7	231	16	10
BJD-36	Grabben	593199	7061949	Soil	0.059	2	<0.3	130	<3	5
BJD-37	Grabben	593198	7061999	Soil	0.074	1	0.3	262	5	<3
BJD-38	Grabben	593199	7062051	Soil	0.012	1	<0.3	22	<3	<3
BJD-39	Grabben	593199	7062101	Soil	0.011	2	<0.3	15	<3	<3
BJD-40	Grabben	593201	7062149	Soil	0.013	1	<0.3	44	<3	<3
BJD-41	Grabben	593199	7062201	Soil	0.017	1	<0.3	85	<3	<3
BJD-42	Grabben	593200	7062250	Soil	0.021	1	<0.3	130	<3	<3
BJD-43	Grabben	593199	7062299	Soil	0.034	<1	<0.3	70	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
BJD-44	Grabben	593198	7062350	Soil	0.009	<1	<0.3	51	<3	<3
BJD-45	Grabben	593197	7062402	Soil	0.013	<1	0.3	41	<3	<3
BJD-46	Grabben	593200	7062450	Soil	0.014	1	1.1	307	8	<3
BJD-47	Grabben	593199	7062501	Soil	0.015	1	0.9	65	<3	<3
BJD-48	Grabben	593197	7062551	Soil	0.007	1	0.8	63	<3	<3
BJD-49	Grabben	593202	7062601	Soil	0.062	<1	2	235	3	<3
BJD-50	Grabben	593199	7062649	Soil	0.019	<1	0.6	156	<3	<3
BJD-51	Grabben	593200	7062700	Soil	0.013	2	1.7	152	<3	8
BJD-52	Grabben	593198	7062749	Soil	0.048	3	0.3	88	<3	<3
BJD-53	Grabben	593202	7062800	Soil	<0.005	<1	<0.3	12	<3	<3
BJD-54	Grabben	593201	7062850	Soil	0.008	1	<0.3	14	<3	<3
BJD-55	Grabben	594051	7062352	Soil	0.029	2	0.7	67	<3	<3
BJD-56	Grabben	594051	7062301	Soil	0.01	1	<0.3	49	<3	<3
BJD-57	Grabben	594049	7062252	Soil	0.009	1	<0.3	50	<3	<3
BJD-58	Grabben	594049	7062202	Soil	0.007	<1	<0.3	37	<3	<3
BOGD-01	Grabben	593436	7062882	Soil	0.034	5	<0.3	29	<3	<3
BOGD-02	Grabben	593445	7062917	Soil	0.019	4	0.5	156	<3	<3
BOGD-03	Grabben	593417	7062945	Soil	0.024	3	1	316	<3	<3
BOGD-04	Grabben	593397	7062963	Soil	0.03	3	<0.3	79	<3	<3
BOGD-05	Grabben	593292	7063084	Soil	0.008	2	0.3	31	<3	<3
BOGD-06	Grabben	593134	7063089	Soil	<0.005	1	<0.3	71	<3	<3
BOGD-06a	Grabben	592795	7063436	Soil	<0.005	2	<0.3	6	<3	<3
BOGD-07	Grabben	592456	7063783	Soil	<0.005	1	<0.3	7	<3	<3
BOGD-10	Grabben	590308	7060789	Soil	<0.005	<1	<0.3	8	<3	<3
BOGD-11	Grabben	589464	7061333	Soil	<0.005	<1	<0.3	4	<3	<3
BOGD-12	Grabben	589412	7061332	Soil	<0.005	<1	<0.3	4	<3	<3
BOGD-13	Grabben	589346	7061438	Soil	<0.005	<1	<0.3	9	<3	<3
BOGD-14	Grabben	589140	7061939	Soil	<0.005	1	<0.3	8	<3	<3
DMD-01	Grabben	589434	7063846	Soil	<0.005	1	<0.3	6	<3	<3
DMD-02	Grabben	589470	7063826	Soil	<0.005	1	<0.3	9	<3	<3
DMD-03	Grabben	589282	7063824	Soil	<0.005	2	<0.3	7	<3	<3
DMD-04	Grabben	589349	7063598	Soil	<0.005	<1	<0.3	5	<3	<3
DMD-05	Grabben	589297	7063611	Soil	<0.005	2	<0.3	6	<3	<3
GDBK-01	Grabben	593108	7061890	Soil	0.018	1	0.5	717	12	7
GDBK-02	Grabben	593080	7062052	Soil	0.049	<1	<0.3	131	<3	4
GDBK-03	Grabben	593104	7062235	Soil	0.024	2	0.8	168	6	4
GJUD-01	Grabben	593386	7062884	Soil	0.041	7	<0.3	25	<3	<3
GJUD-02	Grabben	593354	7062916	Soil	0.021	3	0.3	118	<3	<3
GJUD-03	Grabben	593319	7062958	Soil	0.016	3	0.4	54	<3	<3
GJUD-04	Grabben	593285	7062991	Soil	0.007	2	0.7	313	<3	<3
GJUD-05	Grabben	593244	7063027	Soil	0.006	1	0.3	14	<3	<3
GJUD-06	Grabben	593215	7063065	Soil	0.005	2	<0.3	26	<3	<3
GJUD-07	Grabben	593183	7063101	Soil	0.009	2	<0.3	70	<3	<3
GJUD-08	Grabben	593147	7063140	Soil	<0.005	<1	<0.3	51	<3	<3
GJUD-09	Grabben	593113	7063174	Soil	<0.005	1	<0.3	38	<3	<3
GJUD-10	Grabben	593081	7063214	Soil	0.007	2	<0.3	49	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
GJUD-11	Grabben	593046	7063249	Soil	0.005	1	0.3	52	<3	3
GJUD-12	Grabben	593012	7063286	Soil	0.009	2	<0.3	114	<3	<3
GJUD-13	Grabben	592980	7063324	Soil	<0.005	1	<0.3	31	<3	3
GJUD-14	Grabben	592942	7063357	Soil	0.017	2	<0.3	94	<3	<3
GJUD-15	Grabben	592905	7063400	Soil	0.012	1	<0.3	18	<3	<3
GJUD-16	Grabben	592855	7063429	Soil	0.009	1	<0.3	16	<3	<3
GJUD-17	Grabben	592837	7063463	Soil	0.011	1	<0.3	15	<3	<3
GJUD-18	Grabben	592806	7063507	Soil	0.007	<1	<0.3	10	<3	<3
GJUD-19	Grabben	592777	7063549	Soil	<0.005	<1	<0.3	12	<3	<3
GJUD-20	Grabben	592738	7063584	Soil	<0.005	1	<0.3	10	<3	<3
GJUD-21	Grabben	592706	7063619	Soil	<0.005	1	<0.3	12	<3	<3
GJUD-22	Grabben	592666	7063662	Soil	<0.005	2	<0.3	8	<3	<3
GJUD-23	Grabben	592592	7063735	Soil	<0.005	2	<0.3	11	<3	<3
GJUD-24	Grabben	592526	7063810	Soil	<0.005	1	<0.3	10	<3	<3
GJUD-25	Grabben	592400	7063966	Soil	0.009	1	<0.3	13	<3	<3
GJUD-26	Grabben	592353	7063996	Soil	<0.005	2	<0.3	17	<3	<3
GJUD-27	Grabben	592325	7064033	Soil	<0.005	<1	<0.3	7	<3	<3
GJUD-28	Grabben	592298	7064075	Soil	<0.005	2	<0.3	9	<3	<3
GJUD-29	Grabben	592251	7064097	Soil	<0.005	2	<0.3	7	<3	<3
GJUD-30	Grabben	592221	7064137	Soil	<0.005	1	1.3	197	<3	<3
GJUD-31	Grabben	592178	7064172	Soil	0.006	1	<0.3	8	<3	<3
GJUD-32	Grabben	592152	7064213	Soil	<0.005	1	<0.3	5	<3	<3
GJUD-33	Grabben	592120	7064249	Soil	<0.005	2	<0.3	51	<3	<3
GJUD-34	Grabben	592163	7064296	Soil	<0.005	2	<0.3	7	<3	<3
GJUD-35	Grabben	592192	7064335	Soil	0.007	1	<0.3	9	<3	<3
GJUD-36	Grabben	592223	7064373	Soil	<0.005	<1	<0.3	5	<3	<3
JUGD-01	Grabben	590298	7060831	Soil	0.007	1	<0.3	6	<3	<3
JUGD-02	Grabben	590287	7060875	Soil	0.005	<1	<0.3	8	<3	3
JUGD-03	Grabben	590284	7060925	Soil	0.006	<1	<0.3	9	<3	<3
JUGD-04	Grabben	590248	7060977	Soil	<0.005	<1	<0.3	13	<3	<3
JUGD-05	Grabben	590221	7061051	Soil	0.005	<1	<0.3	8	<3	<3
JUGD-06	Grabben	590139	7061106	Soil	<0.005	<1	<0.3	11	<3	<3
JUGD-07	Grabben	590054	7061164	Soil	<0.005	<1	<0.3	9	<3	<3
JUGD-08	Grabben	589968	7061216	Soil	<0.005	<1	<0.3	6	<3	<3
JUGD-09	Grabben	589887	7061276	Soil	<0.005	2	<0.3	9	<3	<3
JUGD-10	Grabben	589805	7061328	Soil	<0.005	<1	<0.3	6	<3	<3
JUGD-11	Grabben	589721	7061386	Soil	<0.005	1	<0.3	13	<3	<3
JUGD-12	Grabben	589679	7061411	Soil	<0.005	<1	<0.3	4	<3	<3
JUGD-13	Grabben	589635	7061439	Soil	<0.005	<1	<0.3	3	<3	<3
JUGD-14	Grabben	589596	7061466	Soil	0.005	<1	<0.3	5	<3	<3
JUGD-15	Grabben	589555	7061497	Soil	0.014	<1	<0.3	2	<3	<3
JUGD-16	Grabben	589512	7061523	Soil	<0.005	<1	<0.3	2	<3	<3
JUGD-17	Grabben	589469	7061553	Soil	<0.005	<1	<0.3	<2	<3	<3
JUGD-18	Grabben	589430	7061578	Soil	0.007	3	<0.3	56	<3	<3
JUGD-19	Grabben	589414	7061611	Soil	0.007	2	<0.3	12	<3	<3
JUGD-20	Grabben	589393	7061654	Soil	0.01	1	<0.3	8	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
JUGD-21	Grabben	589372	7061703	Soil	<0.005	<1	<0.3	6	<3	<3
JUGD-22	Grabben	589357	7061703	Soil	<0.005	<1	<0.3	4	<3	<3
JUGD-23	Grabben	589337	7061794	Soil	<0.005	<1	<0.3	6	<3	<3
JUGD-24	Grabben	589319	7061794	Soil	<0.005	<1	<0.3	9	<3	<3
JUGD-25	Grabben	589292	7061884	Soil	<0.005	2	<0.3	30	<3	<3
JUGD-26	Grabben	589274	7061931	Soil	0.008	<1	<0.3	13	<3	<3
JUGD-27	Grabben	589256	7061979	Soil	0.009	1	<0.3	8	<3	<3
JUGD-28	Grabben	589236	7062028	Soil	<0.005	1	<0.3	<2	<3	<3
JUGD-29	Grabben	589217	7062069	Soil	<0.005	1	<0.3	3	<3	<3
JUGD-30	Grabben	589201	7062118	Soil	0.005	<1	<0.3	11	<3	<3
JUGD-31	Grabben	589181	7062162	Soil	<0.005	1	<0.3	9	<3	<3
JUGD-32	Grabben	589160	7062206	Soil	<0.005	1	<0.3	6	<3	<3
JUGD-33	Grabben	589162	7062251	Soil	<0.005	1	<0.3	8	<3	<3
JUGD-34	Grabben	589130	7062335	Soil	<0.005	2	<0.3	6	<3	<3
JUGD-35	Grabben	589155	7062433	Soil	0.015	<1	<0.3	8	<3	<3
JUGD-36	Grabben	589161	7062530	Soil	0.009	1	<0.3	6	<3	<3
LGD-01	Grabben	593301	7061598	Soil	0.011	1	0.4	34	<3	<3
LGD-02	Grabben	593299	7061650	Soil	0.006	<1	<0.3	8	<3	<3
LGD-03	Grabben	593300	7061700	Soil	<0.005	<1	<0.3	9	<3	<3
LGD-04	Grabben	593300	7061751	Soil	0.006	<1	<0.3	6	<3	<3
LGD-05	Grabben	593300	7061802	Soil	0.048	1	0.6	332	5	5
LGD-06	Grabben	593301	7061850	Soil	0.023	1	0.4	132	<3	<3
LGD-07	Grabben	593301	7061899	Soil	0.073	1	0.3	130	<3	<3
LGD-08	Grabben	593301	7061952	Soil	0.056	1	<0.3	108	<3	<3
LGD-09	Grabben	593299	7062002	Soil	0.056	1	<0.3	25	<3	<3
LGD-10	Grabben	593299	7062053	Soil	0.225	2	0.4	53	<3	4
LGD-11	Grabben	593298	7062102	Soil	0.012	2	0.4	20	<3	<3
LGD-12	Grabben	593300	7062150	Soil	0.049	<1	0.8	77	<3	<3
LGD-13	Grabben	593300	7062199	Soil	0.009	<1	<0.3	21	<3	<3
LGD-14	Grabben	593300	7062250	Soil	0.009	1	0.8	84	<3	<3
LGD-15	Grabben	593297	7062299	Soil	0.014	<1	0.4	79	<3	<3
LGD-16	Grabben	593297	7062348	Soil	0.024	<1	0.5	113	<3	<3
LGD-17	Grabben	593302	7062399	Soil	0.011	5	0.4	38	<3	<3
LGD-18	Grabben	593301	7062452	Soil	0.03	16	0.7	108	4	<3
LGD-19	Grabben	593301	7062500	Soil	0.02	3	0.5	77	<3	<3
LGD-20	Grabben	593299	7062549	Soil	0.017	1	0.8	49	<3	<3
LGD-21	Grabben	593299	7062599	Soil	0.02	<1	0.6	79	<3	<3
LGD-22	Grabben	593303	7062651	Soil	0.043	1	2.4	173	<3	<3
LGD-23	Grabben	593300	7062702	Soil	0.007	2	0.4	37	<3	<3
LGD-24	Grabben	593301	7062751	Soil	0.005	2	<0.3	96	<3	5
LGD-25	Grabben	593300	7062802	Soil	0.007	2	<0.3	35	3	<3
LGD-26	Grabben	593298	7062849	Soil	0.017	1	<0.3	24	<3	<3
LGD-27	Grabben	593099	7061600	Soil	<0.005	1	<0.3	8	<3	<3
LGD-28	Grabben	593100	7061648	Soil	0.007	1	<0.3	8	<3	<3
LGD-29	Grabben	593098	7061699	Soil	0.006	<1	<0.3	8	<3	<3
LGD-30	Grabben	593099	7061749	Soil	<0.005	<1	<0.3	6	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
LGD-31	Grabben	593098	7061801	Soil	<0.005	<1	<0.3	15	<3	<3
LGD-32	Grabben	593099	7061852	Soil	<0.005	<1	<0.3	45	<3	4
LGD-33	Grabben	593098	7061899	Soil	<0.005	1	<0.3	125	<3	3
LGD-34	Grabben	593102	7061950	Soil	0.007	<1	<0.3	142	<3	4
LGD-35	Grabben	593097	7062000	Soil	0.022	2	0.5	154	4	4
LGD-36	Grabben	593101	7062049	Soil	0.021	<1	<0.3	94	<3	<3
LGD-37	Grabben	593099	7062101	Soil	0.078	<1	<0.3	60	<3	3
LGD-38	Grabben	593099	7062152	Soil	0.209	1	<0.3	92	<3	<3
LGD-39	Grabben	593100	7062200	Soil	0.013	<1	<0.3	30	<3	<3
LGD-40	Grabben	593099	7062249	Soil	<0.005	2	0.5	62	<3	9
LGD-41	Grabben	593100	7062300	Soil	0.009	<1	0.5	47	<3	<3
LGD-42	Grabben	593098	7062351	Soil	0.014	<1	<0.3	71	<3	<3
LGD-43	Grabben	593099	7062402	Soil	0.04	<1	0.5	127	<3	<3
LGD-44	Grabben	593099	7062450	Soil	0.011	<1	0.6	78	<3	<3
LGD-45	Grabben	593100	7062500	Soil	0.009	<1	0.5	54	<3	<3
LGD-46	Grabben	593101	7062551	Soil	<0.005	<1	<0.3	45	<3	<3
LGD-47	Grabben	593100	7062600	Soil	0.013	<1	0.7	254	<3	<3
LGD-48	Grabben	593100	7062650	Soil	0.008	<1	0.4	98	<3	<3
LGD-49	Grabben	593099	7062700	Soil	0.011	<1	<0.3	72	<3	<3
LGD-50	Grabben	593102	7062749	Soil	0.008	2	0.6	22	<3	<3
LGD-51	Grabben	593100	7062798	Soil	<0.005	2	<0.3	25	<3	<3
LGD-52	Grabben	593100	7062849	Soil	<0.005	1	<0.3	30	<3	<3
LGD-53	Grabben	593999	7062351	Soil	0.038	2	0.3	58	<3	<3
LGD-54	Grabben	593998	7062301	Soil	0.346	2	<0.3	66	<3	<3
LGD-55	Grabben	594000	7062250	Soil	0.182	2	<0.3	71	<3	<3
LGD-56	Grabben	594000	7062201	Soil	0.018	<1	<0.3	45	<3	<3
LGMD-01	Grabben	592553	7065388	Soil	<0.005	2	<0.3	13	<3	<3
LGMD-02	Grabben	592546	7065298	Soil	<0.005	2	<0.3	10	<3	<3
LGMD-03	Grabben	592538	7065207	Soil	<0.005	1	<0.3	11	<3	<3
LGMD-04	Grabben	592559	7065130	Soil	<0.005	<1	<0.3	9	<3	<3
LGMD-05	Grabben	592623	7065043	Soil	<0.005	1	<0.3	9	<3	<3
LGMD-06	Grabben	592562	7064930	Soil	0.006	<1	<0.3	5	<3	<3
LGMD-07	Grabben	592511	7064822	Soil	0.008	1	<0.3	13	<3	<3
LGMD-08	Grabben	592467	7064715	Soil	<0.005	1	<0.3	7	<3	<3
PMD-01	Grabben	589098	7064393	Soil	<0.005	1	<0.3	10	<3	<3
PMD-02	Grabben	589124	7064341	Soil	<0.005	1	<0.3	3	<3	<3
PMD-03	Grabben	589136	7064292	Soil	<0.005	1	<0.3	3	<3	<3
PMD-04	Grabben	589174	7064256	Soil	<0.005	1	<0.3	5	<3	<3
PMD-05	Grabben	589209	7064240	Soil	<0.005	1	<0.3	8	<3	<3
PMD-06	Grabben	589260	7064220	Soil	0.005	1	<0.3	9	<3	<3
PMD-07	Grabben	589293	7064163	Soil	<0.005	1	<0.3	9	<3	<3
PMD-08	Grabben	589311	7064114	Soil	<0.005	2	<0.3	8	<3	<3
PMD-09	Grabben	589323	7064061	Soil	<0.005	2	<0.3	5	<3	<3
PMD-10	Grabben	589312	7064009	Soil	<0.005	2	<0.3	3	<3	<3
PMD-11	Grabben	589304	7063909	Soil	<0.005	1	<0.3	2	<3	<3
PMD-12	Grabben	589307	7063861	Soil	<0.005	<1	<0.3	9	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
PMD-13	Grabben	589311	7063809	Soil	0.01	<1	<0.3	5	<3	<3
PMD-14	Grabben	589289	7063752	Soil	<0.005	<1	<0.3	5	<3	<3
PMD-15	Grabben	589309	7063711	Soil	<0.005	1	<0.3	3	<3	<3
PMD-16	Grabben	589315	7063662	Soil	<0.005	1	<0.3	3	<3	<3
PMD-17	Grabben	589318	7063603	Soil	<0.005	2	<0.3	2	<3	<3
PMD-18	Grabben	589318	7063562	Soil	<0.005	1	<0.3	3	<3	<3
PMD-19	Grabben	589326	7063514	Soil	<0.005	1	<0.3	4	<3	<3
PMD-20	Grabben	589332	7063475	Soil	0.006	<1	<0.3	7	<3	<3
PMD-21	Grabben	589317	7063428	Soil	<0.005	<1	<0.3	8	<3	<3
PMD-22	Grabben	589309	7063312	Soil	<0.005	1	<0.3	9	<3	<3
PMD-23	Grabben	589311	7063323	Soil	<0.005	<1	<0.3	5	<3	<3
PMD-24	Grabben	589284	7063274	Soil	<0.005	<1	<0.3	8	<3	<3
PMD-25	Grabben	589285	7063223	Soil	<0.005	<1	<0.3	3	<3	<3
PMD-26	Grabben	589280	7063175	Soil	<0.005	<1	<0.3	5	<3	<3
PMD-27	Grabben	589254	7063125	Soil	<0.005	<1	<0.3	4	<3	<3
PMD-28	Grabben	589247	7063090	Soil	0.005	<1	<0.3	4	<3	<3
PMD-29	Grabben	589240	7063039	Soil	<0.005	<1	<0.3	5	<3	<3
PMD-30	Grabben	589229	7062992	Soil	<0.005	<1	<0.3	6	<3	<3
PMD-31	Grabben	589240	7062932	Soil	0.005	1	<0.3	13	<3	<3
PMD-32	Grabben	589219	7062894	Soil	<0.005	<1	<0.3	10	<3	<3
PMD-33	Grabben	589206	7062844	Soil	0.006	<1	<0.3	7	<3	<3
PMD-34	Grabben	589204	7062792	Soil	<0.005	<1	<0.3	6	<3	<3
PMD-36	Grabben	589186	7062696	Soil	<0.005	<1	<0.3	8	<3	<3
TGMD-01	Grabben	591993	7066123	Soil	<0.005	1	<0.3	7	<3	<3
TGMD-02	Grabben	592016	7066090	Soil	<0.005	1	<0.3	6	<3	<3
TGMD-03	Grabben	592016	7066073	Soil	0.01	<1	<0.3	7	<3	<3
TGMD-04	Grabben	592097	7066043	Soil	0.006	1	<0.3	9	<3	<3
TGMD-05	Grabben	592142	7066025	Soil	0.006	1	<0.3	8	<3	<3
TGMD-06	Grabben	592201	7066003	Soil	<0.005	<1	<0.3	7	<3	<3
TGMD-07	Grabben	592235	7065975	Soil	0.005	<1	<0.3	7	<3	<3
TGMD-08	Grabben	592278	7065934	Soil	<0.005	<1	<0.3	6	<3	<3
TGMD-09	Grabben	592326	7065915	Soil	0.01	<1	<0.3	6	<3	<3
TGMD-10	Grabben	592363	7065895	Soil	<0.005	<1	<0.3	9	<3	<3
TGMD-11	Grabben	592413	7065876	Soil	<0.005	<1	<0.3	10	<3	<3
TGMD-12	Grabben	592457	7065876	Soil	<0.005	1	<0.3	11	<3	<3
TGMD-13	Grabben	592460	7065814	Soil	0.007	<1	<0.3	8	<3	<3
TGMD-14	Grabben	592475	7065754	Soil	<0.005	1	<0.3	11	<3	<3
TGMD-15	Grabben	592457	7065703	Soil	<0.005	<1	<0.3	11	<3	<3
TGMD-16	Grabben	592497	7065662	Soil	<0.005	<1	<0.3	9	<3	<3
TGMD-17	Grabben	592515	7065606	Soil	<0.005	1	<0.3	12	<3	<3
TGMD-18	Grabben	592507	7065554	Soil	<0.005	<1	<0.3	8	<3	<3
TGMD-19	Grabben	592509	7065507	Soil	<0.005	1	<0.3	9	<3	<3
TGMD-20	Grabben	592535	7065458	Soil	<0.005	2	<0.3	9	<3	<3
TGMD-21	Grabben	592531	7065408	Soil	<0.005	1	<0.3	7	<3	<3
TGMD-22	Grabben	592534	7065352	Soil	<0.005	1	<0.3	7	<3	<3
TGMD-23	Grabben	592529	7065298	Soil	<0.005	1	<0.3	11	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
TGMD-24	Grabben	592540	7065249	Soil	<0.005	1	<0.3	7	<3	<3
TGMD-25	Grabben	592554	7065206	Soil	<0.005	<1	<0.3	10	<3	<3
TGMD-26	Grabben	592575	7065158	Soil	<0.005	<1	<0.3	12	<3	<3
TGMD-27	Grabben	592577	7065114	Soil	0.007	<1	<0.3	8	<3	<3
TGMD-28	Grabben	592583	7065053	Soil	0.005	<1	<0.3	6	<3	<3
TGMD-29	Grabben	592580	7065006	Soil	<0.005	<1	<0.3	7	<3	<3
TGMD-30	Grabben	592596	7064961	Soil	0.006	<1	<0.3	6	<3	<3
TGMD-31	Grabben	592604	7064912	Soil	<0.005	<1	<0.3	8	<3	<3
TGMD-32	Grabben	592613	7064862	Soil	<0.005	<1	<0.3	8	<3	<3
TGMD-33	Grabben	592599	7064834	Soil	0.007	<1	<0.3	10	<3	<3
TGMD-34	Grabben	592563	7064789	Soil	<0.005	<1	<0.3	8	<3	<3
TGMD-35	Grabben	592530	7064760	Soil	<0.005	1	<0.3	9	<3	<3
TGMD-36	Grabben	592502	7064715	Soil	<0.005	1	<0.3	9	<3	<3
TGMD-37	Grabben	592472	7064665	Soil	<0.005	1	<0.3	9	<3	<3
TGMD-38	Grabben	592458	7064626	Soil	<0.005	1	<0.3	9	<3	<3
TGMD-39	Grabben	592406	7064595	Soil	<0.005	<1	<0.3	8	<3	<3
TGMD-40	Grabben	592301	7064495	Soil	<0.005	1	<0.3	7	<3	<3
WGD-01	Grabben	593400	7061600	Soil	<0.005	<1	<0.3	6	<3	<3
WGD-02	Grabben	593400	7061652	Soil	<0.005	<1	<0.3	5	<3	<3
WGD-03	Grabben	593400	7061700	Soil	0.007	1	<0.3	16	<3	<3
WGD-04	Grabben	593400	7061750	Soil	0.009	<1	<0.3	51	<3	<3
WGD-05	Grabben	593400	7061800	Soil	0.03	1	0.4	220	<3	3
WGD-06	Grabben	593400	7061850	Soil	0.08	4	0.3	409	4	<3
WGD-07	Grabben	593400	7061900	Soil	0.019	1	1	108	<3	<3
WGD-08	Grabben	593400	7061950	Soil	0.032	2	1.3	383	3	<3
WGD-09	Grabben	593400	7062003	Soil	0.009	1	1.2	60	<3	<3
WGD-10	Grabben	593400	7062050	Soil	0.011	1	0.9	43	<3	<3
WGD-11	Grabben	593400	7062100	Soil	0.019	1	1.1	139	<3	<3
WGD-12	Grabben	593400	7062150	Soil	0.023	2	0.5	160	<3	<3
WGD-13	Grabben	593400	7062200	Soil	0.027	1	0.7	103	<3	<3
WGD-14	Grabben	593400	7062250	Soil	0.012	2	0.4	133	<3	<3
WGD-15	Grabben	593400	7062300	Soil	0.02	4	1.5	85	<3	<3
WGD-16	Grabben	593400	7062350	Soil	0.036	76	0.8	126	<3	<3
WGD-17	Grabben	593400	7062400	Soil	0.014	41	<0.3	53	<3	<3
WGD-18	Grabben	593400	7062450	Soil	0.028	59	2	77	<3	<3
WGD-19	Grabben	593400	7062500	Soil	0.018	18	0.9	81	<3	<3
WGD-20	Grabben	593400	7062550	Soil	0.015	1	0.4	48	<3	<3
WGD-21	Grabben	593400	7062600	Soil	0.01	2	<0.3	72	<3	<3
WGD-22	Grabben	593400	7062650	Soil	0.13	1	1	93	<3	<3
WGD-23	Grabben	593400	7062700	Soil	0.012	1	0.8	100	<3	<3
WGD-24	Grabben	593400	7062752	Soil	0.008	2	<0.3	64	<3	<3
WGD-25	Grabben	593400	7062800	Soil	0.015	1	<0.3	20	<3	<3
WGD-26	Grabben	593400	7062850	Soil	0.023	3	<0.3	36	<3	<3
WGD-27	Grabben	593400	7062900	Soil	0.055	6	<0.3	350	<3	<3
WGD-28	Grabben	593368	7062683	Soil	0.031	2	1.3	104	<3	<3
WGD-29	Grabben	593382	7062660	Soil	0.038	2	2.5	157	<3	<3

Sample	Property	Easting	Northing	Type	Au	Mo	Ag	As	Sb	Bi
WGD-30	Grabben	593000	7061650	Soil	0.007	<1	<0.3	8	<3	<3
WGD-31	Grabben	593000	7061700	Soil	0.006	<1	<0.3	8	<3	<3
WGD-32	Grabben	593000	7061750	Soil	0.008	<1	<0.3	8	<3	<3
WGD-33	Grabben	593000	7061800	Soil	0.007	<1	<0.3	13	<3	<3
WGD-34	Grabben	593000	7061850	Soil	0.007	<1	<0.3	13	<3	<3
WGD-35	Grabben	593000	7061900	Soil	0.016	<1	<0.3	127	<3	<3
WGD-36	Grabben	593000	7061950	Soil	0.026	<1	<0.3	154	<3	<3
WGD-37	Grabben	593000	7062000	Soil	0.011	<1	<0.3	22	<3	<3
WGD-38	Grabben	593000	7062050	Soil	0.008	<1	<0.3	20	<3	<3
WGD-39	Grabben	593000	7062100	Soil	0.027	<1	<0.3	59	<3	<3
WGD-40	Grabben	593000	7062150	Soil	0.1	<1	<0.3	147	<3	7
WGD-41	Grabben	593000	7062200	Soil	0.073	<1	<0.3	79	<3	3
WGD-42	Grabben	593000	7062250	Soil	0.046	1	<0.3	122	<3	<3
WGD-43	Grabben	593000	7062300	Soil	0.017	<1	<0.3	96	<3	<3
WGD-44	Grabben	593000	7062350	Soil	0.029	<1	<0.3	31	<3	<3
WGD-45	Grabben	593000	7062400	Soil	0.014	<1	0.9	68	4	<3
WGD-46	Grabben	593000	7062450	Soil	0.019	<1	0.5	60	<3	<3
WGD-47	Grabben	593000	7062500	Soil	0.01	<1	0.6	35	<3	<3
WGD-48	Grabben	593000	7062550	Soil	0.01	<1	<0.3	28	<3	<3
WGD-49	Grabben	593000	7062600	Soil	0.01	1	<0.3	105	4	<3
WGD-50	Grabben	593000	7062650	Soil	0.012	1	<0.3	33	<3	<3
WGD-51	Grabben	593000	7062700	Soil	0.007	<1	<0.3	17	<3	<3
WGD-52	Grabben	593000	7062750	Soil	0.015	2	<0.3	48	<3	<3
WGD-53	Grabben	593000	7062800	Soil	0.013	2	0.4	35	<3	<3
WGD-54	Grabben	593000	7062850	Soil	<0.005	<1	<0.3	19	<3	<3
WGD-55	Grabben	593950	7062345	Soil	0.009	2	<0.3	46	<3	<3
WGD-56	Grabben	593950	7062300	Soil	0.057	1	<0.3	46	<3	<3
WGD-57	Grabben	593950	7062250	Soil	0.025	2	0.3	103	<3	<3
WGD-58	Grabben	593950	7062200	Soil	0.008	<1	<0.3	53	<3	<3

Statement Of Qualifications

I Bernie Kreft directed and participated in the exploration work described herein.

I have 31 years prospecting experience in the Yukon and BC.

This report is based on fieldwork directed or conducted by the author, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed during the 2017 field season.

This report is based on fieldwork completed on the Grabben Gold Project

Respectfully submitted,

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Bernie Kreft

Cost Statement

Helicopter 5.8 hours	=	$7,836.61
Assaying 349 soils and 53 rocks (30g Au fire assay, 35 element icp)	=	$9,632.50
Wages Joel Wynnyk 6 man days x $300/day	=	$1,800.00
Wages Bernie Kreft 6 man days x $350/day	=	$2,100.00
Wages Justin Kreft 6 man days x $350/day	=	$2,100.00
Wages Jarret Kreft 6 man days x $350/day	=	$2,100.00
Food and Camp 24 man days $100/day	=	$2,400.00
Truck Travel 2 round trips Whitehorse-Dawson + around Dawson 2150km x $0.60/km	=	$1,290.00
Report Prep	=	$2,500.00
TOTAL	=	$31,759.11

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: July 04, 2017
Report Date: July 21, 2017
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN17001345.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 68

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	68	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	68	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	68	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	68	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
DRPLP	68	Warehouse handling / disposition of pulps			VAN
DRRJT	55	Warehouse handling / Disposition of reject			VAN

ADDITIONAL COMMENTS

Insufficient material to re-prep DUP to check for Sb cross-contamination from high sample.

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

BUREAU VERITAS MINERAL LABORATORIES Canada

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CERTIFICATE OF ANALYSIS VAN17001345.1

Method		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
													41	<2	1	<0.5	5	<3	8	0.02	0.001
													3456	<2	14	<0.5	168	<3	4	0.04	0.007
													10	<2	132	<0.5	6	<3	7	3.44	0.014
													590	13	5	0.9	7	<3	5	0.07	0.039
BJR-01	Rock	0.36	<0.005	2	120	31	103	0.5	3	7	164	7.59	924	8	40	<0.5	11	18	53	0.02	0.177
													5	3	26	<0.5	<3	<3	4	0.02	0.009
													6	3	45	<0.5	<3	<3	7	0.03	0.010
													4	3	30	<0.5	<3	<3	5	0.04	0.013
													3	2	23	<0.5	<3	<3	4	0.05	0.014
													<2	<2	17	<0.5	<3	<3	2	0.04	0.011
													3	15	27	<0.5	<3	<3	3	0.03	0.011
													4	<2	30	<0.5	<3	<3	5	0.07	0.013
													9	<2	25	<0.5	<3	<3	5	0.05	0.014
													9	5	18	<0.5	<3	<3	3	0.02	0.006
													<2	<2	11	<0.5	<3	<3	7	0.01	0.007
													3	2	19	<0.5	<3	<3	2	0.03	0.006
													<2	13	22	<0.5	<3	<3	6	0.01	0.008
													5	<2	103	<0.5	<3	<3	8	0.02	0.005
													<2	2	20	<0.5	<3	<3	7	0.02	0.009
													<2	<2	24	<0.5	<3	<3	7	0.02	0.010
													<2	<2	195	<0.5	<3	<3	3	0.03	0.001
													4	8	22	<0.5	<3	<3	5	0.02	0.007
													6	<2	38	<0.5	<3	<3	4	0.01	0.005
													<2	<2	649	<0.5	<3	<3	1	0.02	0.003
													<2	4	29	<0.5	<3	<3	9	0.04	0.009
													<2	8	35	<0.5	<3	<3	8	0.04	0.012
													<2	<2	24	<0.5	<3	<3	3	0.03	0.009
													1161	5	279	<0.5	3	<3	15	2.63	0.066
													5	10	138	<0.5	<3	<3	64	2.22	0.087
													25	15	11	<0.5	<3	<3	35	0.05	0.025

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CERTIFICATE OF ANALYSIS VAN17001345.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
TBR-01	Rock	<1	9	0.04	15	0.001	<20	0.14	<0.01	0.03	<2	0.14	<1	<5	<5	<5
TBR-02	Rock	5	7	<0.01	99	<0.001	<20	0.17	<0.01	0.10	<2	1.88	<1	<5	<5	<5
TBR-03	Rock	7	5	1.17	18	<0.001	<20	0.10	<0.01	0.06	<2	0.06	<1	<5	<5	<5
TBR-04	Rock	26	7	0.02	134	0.001	<20	0.43	<0.01	0.24	<2	<0.05	<1	<5	<5	<5
BJR-01	Rock	25	11	0.02	343	0.002	<20	0.53	<0.01	0.26	<2	0.22	<1	<5	<5	7
STVR-01	Rock	6	2	<0.01	114	<0.001	<20	0.18	0.04	0.18	<2	<0.05	<1	<5	<5	<5
STVR-02	Rock	8	5	0.02	342	0.002	<20	0.25	0.05	0.18	<2	<0.05	<1	<5	<5	<5
STVR-03	Rock	12	1	<0.01	113	<0.001	<20	0.14	0.03	0.11	<2	<0.05	<1	<5	<5	<5
STVR-04	Rock	5	4	<0.01	106	<0.001	<20	0.24	0.02	0.19	<2	<0.05	<1	<5	<5	<5
STVR-05	Rock	3	3	<0.01	72	<0.001	<20	0.17	0.01	0.14	<2	<0.05	<1	<5	<5	<5
STVR-06	Rock	30	4	<0.01	99	<0.001	<20	0.19	0.05	0.15	<2	<0.05	<1	<5	<5	<5
STVR-07	Rock	3	2	0.01	114	<0.001	<20	0.23	<0.01	0.17	<2	<0.05	<1	<5	<5	<5
STVR-08	Rock	4	5	0.01	113	<0.001	<20	0.24	0.01	0.17	<2	<0.05	<1	<5	<5	<5
STVR-09	Rock	15	1	<0.01	92	<0.001	<20	0.14	0.03	0.12	<2	<0.05	<1	<5	<5	<5
STVR-10	Rock	4	3	<0.01	77	0.002	<20	0.17	0.05	0.15	<2	<0.05	<1	<5	<5	<5
STVR-11	Rock	6	3	0.01	101	<0.001	<20	0.17	0.02	0.12	<2	<0.05	<1	<5	<5	<5
STVR-12	Rock	31	4	<0.01	70	0.002	<20	0.18	0.05	0.13	<2	<0.05	<1	<5	<5	<5
BRVJ-01	Rock	4	6	0.01	1193	0.002	<20	0.36	0.06	0.34	<2	<0.05	<1	<5	<5	<5
BRVJ-02	Rock	4	4	0.01	84	0.002	<20	0.21	0.04	0.17	<2	<0.05	<1	<5	<5	<5
BRVJ-03	Rock	4	3	0.01	84	0.002	<20	0.17	0.03	0.12	<2	<0.05	<1	<5	<5	<5
BRVJ-04	Rock	2	15	<0.01	1958	0.002	<20	0.06	<0.01	0.02	<2	0.05	<1	<5	<5	<5
BRVJ-05	Rock	23	3	0.01	88	0.001	<20	0.17	0.02	0.12	<2	<0.05	<1	<5	<5	<5
BRVJ-06	Rock	4	4	0.01	1021	<0.001	<20	0.19	0.03	0.11	<2	<0.05	<1	<5	<5	<5
BRVJ-07	Rock	2	4	<0.01	2551	<0.001	<20	0.05	<0.01	0.04	<2	0.07	<1	<5	<5	<5
BRVJ-08	Rock	12	6	0.02	113	0.005	<20	0.24	0.04	0.13	<2	<0.05	<1	<5	<5	<5
BRVJ-09	Rock	21	3	0.02	420	0.003	<20	0.18	0.04	0.10	<2	<0.05	<1	<5	<5	<5
BRVJ-10	Rock	2	4	<0.01	94	<0.001	<20	0.17	0.03	0.10	<2	<0.05	<1	<5	<5	<5
STBR-01	Rock	14	17	1.01	153	0.006	<20	0.54	0.02	0.21	<2	1.04	<1	<5	<5	7
STBR-02	Rock	29	61	1.50	460	0.099	<20	2.19	0.09	0.36	<2	0.15	<1	<5	7	9
STBR-03	Rock	45	40	0.84	76	0.004	<20	2.11	0.02	0.23	<2	<0.05	<1	<5	6	<5

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	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
													74	10	14	<0.5	<3	<3	15	0.12	0.077
													63	6	1	<0.5	3	<3	3	0.01	0.005
													210	7	6	<0.5	23	<3	17	0.06	0.019
													409	2	2	0.7	28	<3	11	0.03	0.010
													240	15	7	0.6	7	<3	85	0.10	0.078
													153	7	7	4.1	4	<3	1	0.27	0.006
													1522	<2	12	3.8	127	<3	7	0.02	0.010
													34	<2	23	3.2	>2000	<3	2	0.21	0.004
													371	15	6	<0.5	30	<3	78	0.05	0.066
													107	11	52	<0.5	59	<3	4	1.27	0.053
GRBK-01	Rock	0.48	0.014	3	50	5	5	0.5	1	<1	27	3.87	45	7	76	<0.5	9	5	13	0.03	0.130
GRBK-02	Rock	0.31	0.006	5	209	26	30	0.9	2	2	54	8.42	93	7	46	<0.5	16	27	33	0.01	0.231
GRBK-03	Rock	0.32	<0.005	3	149	6	39	<0.3	7	2	66	13.12	501	14	8	<0.5	5	<3	14	0.04	0.082
GRBK-04	Rock	0.40	0.056	2	134	11	18	<0.3	2	<1	45	12.81	263	6	6	<0.5	75	<3	12	0.02	0.074
GRBK-05	Rock	0.33	0.007	1	7	99	3	1.7	2	<1	21	0.51	68	29	11	<0.5	<3	<3	5	<0.01	0.012
GRBK-06	Rock	0.36	<0.005	<1	72	56	10	2.0	<1	<1	39	4.43	1022	7	8	<0.5	33	<3	4	0.02	0.039
GRBK-07	Rock	0.39	0.022	2	56	22	32	0.4	4	2	59	2.60	109	13	8	<0.5	15	<3	10	0.02	0.024
GRBK-08	Rock	0.32	<0.005	6	725	998	252	3.0	14	4	133	29.29	3960	7	12	<0.5	1483	<3	9	0.02	0.276
GRBK-09	Rock	0.40	0.031	<1	5	10	7	<0.3	2	1	63	0.68	39	9	11	<0.5	<3	<3	5	0.01	0.008
GRBK-10	Rock	0.15	0.016	3	225	25	548	4.5	18	10	428	>40	2228	24	5	1.6	28	<3	58	0.05	0.229
GRBK-11	Rock	0.49	0.009	2	24	15	27	<0.3	4	2	168	3.18	16	7	37	<0.5	<3	<3	59	0.11	0.154
GRBK-12	Rock	0.36	0.012	<1	64	<3	12	<0.3	2	<1	23	2.52	267	6	2	<0.5	4	<3	6	<0.01	0.008
GRBK-13	Rock	0.09	0.010	<1	173	<3	25	<0.3	21	7	294	3.95	19	13	11	<0.5	6	<3	26	0.01	0.012
GRBK-14	Rock	0.40	0.030	2	135	20	24	0.8	3	<1	57	4.99	1197	6	63	<0.5	6	8	40	0.02	0.124
GRBK-15	Rock	0.49	0.007	<1	316	10	61	0.3	20	7	182	5.53	30	7	6	<0.5	<3	<3	27	0.02	0.012
GRBK-16	Rock	0.37	0.009	1	6	26	10	1.0	1	<1	16	0.45	68	<2	3	<0.5	15	5	1	<0.01	0.003
GRBK-17	Rock	0.32	0.007	2	151	18	38	<0.3	7	11	167	7.25	195	5	121	<0.5	4	7	29	0.01	0.118
GRBK-18	Rock	0.75	0.013	<1	38	4	10	<0.3	4	<1	26	0.85	55	14	24	<0.5	<3	<3	7	0.02	0.010
													347	<2	2	<0.5	15	<3	<1	<0.01	0.002
													58	2	19	<0.5	10	<3	9	0.03	0.015

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CERTIFICATE OF ANALYSIS VAN17001345.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
STBR-04	Rock	35	15	0.05	82	0.001	<20	0.57	0.02	0.22	<2	<0.05	<1	<5	<5	<5
STBR-05	Rock	4	2	<0.01	27	<0.001	<20	0.29	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
STBR-06	Rock	15	23	0.04	170	<0.001	<20	0.58	<0.01	0.18	<2	<0.05	<1	<5	<5	<5
STBR-07	Rock	5	9	0.02	34	<0.001	<20	0.17	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
STBR-08	Rock	25	74	0.06	136	0.002	<20	0.76	<0.01	0.07	<2	<0.05	<1	<5	5	21
STBR-09	Rock	6	<1	0.02	80	<0.001	<20	0.28	0.03	0.19	<2	<0.05	<1	<5	<5	<5
STBR-09A	Rock	2	12	0.01	109	<0.001	<20	0.13	<0.01	0.06	<2	0.12	<1	<5	<5	<5
STBR-10	Rock	3	9	<0.01	138	<0.001	<20	0.07	<0.01	0.03	<2	0.61	<1	<5	<5	<5
STBR-11	Rock	28	67	0.06	145	0.002	<20	0.63	<0.01	0.06	<2	<0.05	<1	<5	<5	22
STBR-12	Rock	21	5	0.07	205	<0.001	<20	0.48	0.02	0.32	<2	0.13	<1	<5	<5	<5
GRBK-01	Rock	27	3	0.03	926	0.001	<20	0.52	0.03	0.52	<2	0.79	<1	<5	<5	<5
GRBK-02	Rock	22	4	0.08	924	0.002	<20	1.08	0.03	0.36	<2	0.46	<1	<5	<5	<5
GRBK-03	Rock	18	10	0.06	247	0.002	<20	1.19	<0.01	0.30	<2	<0.05	<1	<5	7	<5
GRBK-04	Rock	18	10	0.03	125	0.001	<20	0.61	0.01	0.24	<2	<0.05	<1	<5	6	<5
GRBK-05	Rock	57	6	0.04	227	0.001	<20	0.67	<0.01	0.49	<2	0.08	<1	<5	<5	<5
GRBK-06	Rock	5	1	0.02	95	0.001	<20	0.26	<0.01	0.17	<2	<0.05	<1	<5	<5	<5
GRBK-07	Rock	27	7	0.11	181	0.005	<20	0.86	0.01	0.31	<2	<0.05	<1	<5	<5	<5
GRBK-08	Rock	19	6	0.03	124	0.002	<20	0.98	<0.01	0.18	<2	0.10	<1	<5	8	<5
GRBK-09	Rock	26	5	0.04	129	0.002	<20	0.49	<0.01	0.31	<2	<0.05	<1	<5	<5	<5
GRBK-10	Rock	10	21	0.02	66	0.012	<20	1.25	<0.01	0.01	<2	0.06	1	5	32	7
GRBK-11	Rock	32	9	0.25	741	0.003	<20	1.16	0.03	0.15	<2	0.06	<1	<5	5	6
GRBK-12	Rock	8	6	<0.01	76	<0.001	<20	0.18	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
GRBK-13	Rock	26	16	0.03	224	0.001	<20	1.36	<0.01	0.38	<2	<0.05	<1	<5	<5	<5
GRBK-14	Rock	36	7	0.03	461	0.002	<20	0.52	<0.01	0.37	<2	0.42	<1	<5	<5	<5
GRBK-15	Rock	39	16	0.02	147	0.001	<20	1.00	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
GRBK-16	Rock	12	2	<0.01	85	<0.001	<20	0.14	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
GRBK-17	Rock	61	5	0.05	398	0.002	<20	0.65	<0.01	0.22	<2	<0.05	<1	<5	<5	<5
GRBK-18	Rock	24	6	0.06	666	0.003	<20	0.94	0.02	0.42	<2	<0.05	<1	<5	<5	<5
JBBR-01	Rock	<1	3	<0.01	36	<0.001	<20	0.04	<0.01	0.03	<2	0.24	<1	<5	<5	<5
JBBR-02	Rock	10	14	0.04	27	<0.001	<20	0.27	0.01	0.04	<2	<0.05	<1	<5	<5	<5

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Method		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
														<2	4	<0.5	3	<3	5	<0.01	0.009
														<2	1	<0.5	8	<3	3	<0.01	0.005
														<2	2	<0.5	9	<3	3	<0.01	0.003
														<2	5	<0.5	24	<3	16	0.01	0.065
LVR-01	Rock	0.31	0.005	<1	4	21	18	<0.3	3	2	261	0.76	5	<2	23	<0.5	<3	<3	9	0.03	0.009
LVR-02	Rock	0.16	<0.005	<1	5	12	25	<0.3	4	2	231	0.92	7	<2	33	<0.5	<3	<3	9	0.04	0.011
LVR-03	Rock	0.22	<0.005	<1	2	5	6	<0.3	2	1	98	0.39	<2	9	13	<0.5	<3	<3	3	<0.01	0.004
LGR-01	Rock	0.30	0.158	2	159	19	39	0.6	8	3	286	4.74	31	7	31	<0.5	3	7	39	0.02	0.107

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: July 21, 2017

CERTIFICATE OF ANALYSIS VAN17001345.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
JBBR-03	Rock	6	6	<0.01	11	<0.001	<20	0.14	0.01	0.05	<2	<0.05	<1	<5	<5	<5
JBBR-04	Rock	5	8	<0.01	8	<0.001	<20	0.13	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
JBBR-05	Rock	3	5	<0.01	6	<0.001	<20	0.11	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
JBBR-06	Rock	9	25	<0.01	24	0.001	<20	0.42	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LVR-01	Rock	8	5	0.02	97	0.004	<20	0.20	0.04	0.11	<2	<0.05	<1	<5	<5	<5
LVR-02	Rock	6	6	0.01	164	0.005	<20	0.31	0.09	0.21	<2	<0.05	<1	<5	<5	<5
LVR-03	Rock	23	2	<0.01	77	0.001	<20	0.16	0.04	0.11	<2	<0.05	<1	<5	<5	<5
LGR-01	Rock	35	8	0.04	389	0.002	<20	0.67	<0.01	0.31	<2	0.24	<1	<5	<5	<5

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: August 30, 2017
Report Date: October 03, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000740.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 55

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	55	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	55	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	55	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	55	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	55	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: October 03, 2017

CERTIFICATE OF ANALYSIS WHI17000740.1

Method		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
TGMR-01	Rock	0.24	<0.005	2	22	66	277	0.3	5	10	1367	4.62	14	11	79	<0.5	<3	6	112	1.33	0.190
TGMR-02	Rock	0.48	<0.005	1	10	30	86	<0.3	4	6	412	3.13	5	12	62	<0.5	<3	4	84	0.76	0.168
TGMR-03	Rock	0.31	<0.005	1	9	25	82	<0.3	6	7	539	3.94	5	11	55	<0.5	<3	3	104	0.70	0.190
TGMR-04	Rock	0.14	<0.005	2	10	20	35	<0.3	5	12	612	2.12	17	9	12	<0.5	<3	<3	57	0.18	0.105
TGMR-05	Rock	0.32	<0.005	1	16	11	76	<0.3	24	23	1280	3.78	11	3	8	<0.5	<3	<3	26	0.04	0.017
DMR-01	Rock	0.36	<0.005	1	9	9	92	<0.3	8	8	962	4.28	3	9	114	<0.5	<3	<3	100	1.03	0.149
DMR-02	Rock	0.26	<0.005	2	11	15	98	<0.3	8	10	1176	4.34	2	9	32	<0.5	<3	<3	108	0.50	0.137
DMR-03	Rock	0.33	<0.005	1	7	17	90	<0.3	7	8	760	3.99	6	9	60	<0.5	<3	<3	96	0.61	0.144
DMR-04	Rock	0.42	0.007	1	86	86	310	<0.3	24	12	1751	9.94	7	3	5	<0.5	4	<3	13	0.02	0.008
DMR-05	Rock	0.30	<0.005	1	5	56	55	<0.3	10	10	615	1.78	8	2	3	<0.5	<3	3	9	0.02	0.007
DMR-06	Rock	0.14	<0.005	3	8	50	290	<0.3	39	28	889	4.30	17	3	5	<0.5	<3	<3	5	0.02	0.003
DMR-07	Rock	0.17	<0.005	3	8	281	467	<0.3	36	21	1205	3.63	19	3	3	<0.5	<3	<3	11	0.04	0.009
DMR-08	Rock	0.17	<0.005	1	14	235	58	<0.3	15	31	2581	2.54	14	<2	4	<0.5	<3	<3	9	0.05	0.007
DMR-09	Rock	0.20	0.010	2	152	539	534	<0.3	13	14	2181	5.02	21	3	5	<0.5	<3	<3	11	0.02	0.005
DMR-10	Rock	0.09	<0.005	8	17	5	83	<0.3	91	48	579	8.00	75	2	6	<0.5	<3	<3	12	0.02	0.005
DMR-11	Rock	0.39	<0.005	<1	2	4	80	<0.3	19	10	325	3.31	3	5	6	<0.5	<3	<3	10	0.01	0.005
																		<3	<1	<0.01	0.006
																		<3	2	<0.01	0.006
																		<3	2	<0.01	0.008
																		<3	1	<0.01	0.005
																		<3	<1	<0.01	0.006
																		<3	2	0.26	0.019
																		<3	3	0.93	0.024
																		<3	<1	<0.01	0.003
																		<3	<1	<0.01	0.006
																		<3	<1	<0.01	0.005
																		<3	<1	<0.01	0.005
																		<3	<1	<0.01	0.005
																		<3	<1	<0.01	0.006
																		<3	2	<0.01	0.009

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: October 03, 2017

CERTIFICATE OF ANALYSIS WHI17000740.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
TGMR-01	Rock		27	9	1.05	717	0.239	<20	1.46	0.13	0.54	4	<0.05	<1	<5	<5	7
TGMR-02	Rock		30	7	0.50	263	0.194	<20	0.92	0.11	0.23	<2	<0.05	<1	<5	<5	<5
TGMR-03	Rock		32	8	0.85	324	0.201	<20	1.24	0.08	0.26	<2	<0.05	<1	<5	<5	<5
TGMR-04	Rock		43	10	0.02	103	0.006	<20	0.73	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
TGMR-05	Rock		10	13	0.03	166	0.001	<20	0.37	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
DMR-01	Rock		34	15	0.95	426	0.123	<20	1.43	0.11	0.20	<2	<0.05	<1	<5	<5	7
DMR-02	Rock		26	14	0.86	751	0.258	<20	1.47	0.07	0.15	<2	<0.05	<1	<5	<5	7
DMR-03	Rock		29	11	0.67	221	0.192	<20	1.21	0.11	0.15	<2	<0.05	<1	<5	<5	6
DMR-04	Rock		9	5	0.02	401	0.001	<20	0.37	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
DMR-05	Rock		9	6	0.02	57	0.001	<20	0.28	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DMR-06	Rock		11	6	0.02	116	0.001	<20	0.33	<0.01	0.14	<2	<0.05	<1	<5	<5	<5
DMR-07	Rock		9	9	0.03	137	<0.001	<20	0.37	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
DMR-08	Rock		6	4	0.02	142	<0.001	<20	0.31	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
DMR-09	Rock		14	7	0.03	218	<0.001	<20	0.31	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
DMR-10	Rock		11	5	0.06	92	0.001	<20	0.32	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
DMR-11	Rock		16	9	0.03	64	0.001	<20	0.27	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
TBFR-01	Rock		10	2	<0.01	33	<0.001	<20	0.18	<0.01	0.19	<2	<0.05	<1	<5	<5	<5
TBFR-02	Rock		9	4	<0.01	24	<0.001	<20	0.19	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
TBFR-03	Rock		22	5	0.01	42	<0.001	<20	0.24	<0.01	0.21	<2	<0.05	<1	<5	<5	<5
TBFR-04	Rock		9	4	<0.01	80	<0.001	<20	0.20	<0.01	0.19	<2	<0.05	<1	<5	<5	<5
TBFR-05	Rock		7	6	<0.01	13	<0.001	<20	0.13	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
TBFR-06	Rock		12	5	0.03	39	<0.001	<20	0.27	<0.01	0.20	<2	0.84	<1	<5	<5	<5
TBFR-07	Rock		14	4	0.11	37	<0.001	<20	0.28	<0.01	0.21	<2	0.31	<1	<5	<5	<5
TBFR-08	Rock		9	3	<0.01	19	<0.001	<20	0.15	<0.01	0.16	<2	<0.05	<1	<5	<5	<5
TBFR-09	Rock		10	4	<0.01	28	<0.001	<20	0.20	<0.01	0.19	<2	<0.05	<1	<5	<5	<5
TBFR-10	Rock		11	2	<0.01	30	<0.001	<20	0.16	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
TBFR-11	Rock		7	3	<0.01	26	<0.001	<20	0.13	<0.01	0.14	<2	<0.05	<1	<5	<5	<5
TBFR-12	Rock		11	2	<0.01	26	<0.001	<20	0.17	<0.01	0.16	<2	<0.05	<1	<5	<5	<5
ROBR-01	Rock		11	3	<0.01	34	<0.001	<20	0.17	<0.01	0.20	<2	<0.05	<1	<5	<5	<5
ROBR-02	Rock		12	3	0.01	35	<0.001	<20	0.18	<0.01	0.17	<2	<0.05	<1	<5	<5	<5

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: October 03, 2017

CERTIFICATE OF ANALYSIS WHI17000740.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
BOGR-01	Rock	0.66	0.054	6	16	24	179	<0.3	9	13	630	2.98	5	9	117	1.0	4	<3	59	0.70	0.154
BOGR-02	Rock	0.44	0.018	12	21	127	268	0.3	6	8	1170	4.21	56	8	30	1.2	<3	<3	62	0.32	0.149
BOGR-03	Rock	0.69	0.008	4	12	49	142	0.3	6	9	897	3.57	126	9	63	<0.5	<3	<3	11	0.17	0.105
BOGR-04	Rock	0.72	0.084	7	12	43	120	<0.3	8	12	1104	3.99	7	9	75	<0.5	<3	3	83	0.74	0.153
BOGR-05	Rock	0.41	0.006	3	4	29	78	<0.3	9	5	1041	2.92	6	10	53	<0.5	<3	<3	73	0.83	0.104
BOGR-06	Rock	0.73	0.047	8	16	23	160	<0.3	4	8	558	3.57	3	9	71	0.5	<3	<3	65	1.13	0.146
BOGR-07	Rock	0.56	0.006	6	20	51	88	<0.3	7	7	665	3.49	76	11	48	<0.5	<3	5	28	0.20	0.118
BOGR-08	Rock	0.14	0.008	4	31	52	242	0.7	6	8	338	4.33	386	7	122	<0.5	<3	6	12	0.03	0.091
BOGR-09	Rock	0.07	0.009	3	19	11	47	<0.3	47	9	564	3.39	19	14	61	<0.5	<3	<3	25	0.53	0.025
BOGR-10	Rock	0.43	0.007	3	24	58	61	<0.3	4	10	902	4.79	30	9	14	<0.5	<3	5	17	0.16	0.131
BOGR-11	Rock	1.03	<0.005	3	10	27	176	<0.3	8	10	750	9.96	22	9	10	<0.5	<3	<3	97	0.21	0.159
BOGR-12	Rock	0.46	<0.005	2	8	15	87	<0.3	6	7	632	6.16	8	9	10	<0.5	<3	<3	87	0.24	0.144
BOGR-13	Rock	0.20	0.005	2	5	34	107	<0.3	4	2	456	6.59	9	6	21	<0.5	<3	<3	56	0.03	0.039
BOGR-13a	Rock	0.12	0.006	<1	1	<3	7	<0.3	2	<1	86	0.61	7	<2	10	<0.5	<3	4	3	<0.01	0.004
BOGR-14	Rock	0.53	<0.005	2	11	20	89	<0.3	5	9	812	3.01	7	12	22	<0.5	<3	<3	70	0.26	0.146
BOGR-16	Rock	0.24	0.007	1	3	<3	5	<0.3	2	1	30	0.26	10	3	5	<0.5	<3	4	<1	0.02	0.003
BOGR-17	Rock	0.12	0.008	9	10	20	119	<0.3	9	5	365	24.71	22	9	24	<0.5	<3	3	24	0.04	0.019
																			2	<0.01	0.007
																			1	0.01	0.009
																			2	<0.01	0.009
																			1	<0.01	0.005
																			1	<0.01	0.006
																			2	<0.01	0.007
																			<1	<0.01	0.009
																			2	0.01	0.010

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Client: **Kreft, Bernie**
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Project: None Given
Report Date: October 03, 2017

CERTIFICATE OF ANALYSIS WHI17000740.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
BOGR-01	Rock		26	6	0.66	475	0.140	<20	1.27	0.08	0.13	<2	1.19	<1	<5	<5	<5
BOGR-02	Rock		35	27	0.64	254	0.003	<20	1.48	0.02	0.17	<2	<0.05	<1	<5	<5	6
BOGR-03	Rock		26	2	0.06	284	<0.001	<20	0.76	<0.01	0.22	<2	0.06	<1	<5	<5	<5
BOGR-04	Rock		27	7	0.98	449	0.079	<20	1.33	0.07	0.11	<2	1.19	<1	<5	<5	7
BOGR-05	Rock		24	9	0.78	401	0.117	<20	1.28	0.07	0.16	<2	<0.05	<1	<5	7	6
BOGR-06	Rock		24	6	0.85	541	0.196	<20	1.16	0.11	0.34	<2	1.28	<1	<5	<5	<5
BOGR-07	Rock		29	3	0.08	730	0.002	<20	0.49	0.03	0.17	<2	0.07	<1	<5	<5	<5
BOGR-08	Rock		18	3	0.03	324	<0.001	<20	0.63	<0.01	0.26	<2	0.14	<1	<5	<5	<5
BOGR-09	Rock		28	21	0.86	480	0.006	<20	3.11	0.10	0.30	<2	<0.05	<1	<5	5	<5
BOGR-10	Rock		26	2	0.04	207	0.001	<20	0.48	0.02	0.15	<2	<0.05	<1	<5	<5	<5
BOGR-11	Rock		40	5	0.01	152	0.003	<20	0.66	<0.01	0.08	<2	<0.05	<1	<5	<5	14
BOGR-12	Rock		39	6	0.01	127	0.003	<20	0.68	<0.01	0.08	<2	<0.05	<1	<5	<5	11
BOGR-13	Rock		17	5	0.02	344	0.003	<20	0.38	<0.01	0.05	<2	<0.05	<1	<5	<5	13
BOGR-13a	Rock		<1	6	<0.01	170	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
BOGR-14	Rock		28	4	0.02	148	0.003	<20	0.63	<0.01	0.11	<2	<0.05	<1	<5	<5	9
BOGR-16	Rock		13	3	<0.01	103	<0.001	<20	0.16	0.01	0.10	<2	<0.05	<1	<5	<5	<5
BOGR-17	Rock		34	4	0.06	182	0.001	<20	0.71	0.02	0.27	<2	<0.05	<1	9	<5	6
JOBR-01	Rock		12	3	0.01	22	<0.001	<20	0.20	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
JOBR-02	Rock		10	3	<0.01	104	<0.001	<20	0.18	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
JOBR-03	Rock		8	3	<0.01	24	<0.001	<20	0.17	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
JOBR-04	Rock		8	3	<0.01	20	<0.001	<20	0.16	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
JOBR-05	Rock		10	2	<0.01	14	<0.001	<20	0.16	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
JOBR-06	Rock		14	4	0.01	89	0.001	<20	0.26	<0.01	0.25	<2	<0.05	<1	<5	<5	<5
JOBR-07	Rock		9	3	<0.01	27	<0.001	<20	0.18	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
JOBR-08	Rock		17	3	0.01	19	<0.001	<20	0.22	<0.01	0.16	<2	<0.05	<1	<5	<5	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: July 04, 2017
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 277

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	277	Dry at 60C			VAN
SS80	277	Dry at 60C sieve 100g to -80 mesh			VAN
FA430	277	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	277	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	277	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
DRPLP	277	Warehouse handling / disposition of pulps			VAN

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
ZVD-22	Soil	0.021	<1	25	15	45	<0.3	19	8	253	2.61	9	2	30	<0.5	<3	<3	55	0.28	0.014	14
ZVD-23	Soil	0.024	<1	9	15	26	<0.3	8	4	231	1.55	5	3	19	<0.5	<3	<3	32	0.14	0.019	6
ZVD-24	Soil	0.025	<1	13	22	42	<0.3	14	6	222	2.30	7	3	21	<0.5	<3	<3	47	0.17	0.015	7
ZVD-25	Soil	0.041	<1	8	25	46	<0.3	9	4	183	1.95	9	<2	16	<0.5	<3	<3	33	0.10	0.017	6
ZVD-26	Soil	0.056	<1	20	35	51	<0.3	17	9	365	2.63	9	3	49	<0.5	<3	<3	50	0.40	0.013	12
ZVD-27	Soil	0.025	<1	7	19	34	<0.3	7	4	216	1.57	6	3	22	<0.5	<3	<3	29	0.15	0.015	10
BJD-01	Soil	<0.005	<1	12	6	50	0.4	13	6	234	2.22	7	5	51	<0.5	<3	<3	50	0.41	0.064	17
BJD-02	Soil	<0.005	<1	16	10	58	0.4	16	7	231	2.58	8	3	55	<0.5	<3	<3	57	0.40	0.056	16
BJD-03	Soil	0.005	<1	13	10	57	<0.3	13	7	358	2.58	19	5	40	<0.5	<3	<3	52	0.31	0.056	18
BJD-04	Soil	0.010	<1	21	11	48	<0.3	11	6	459	2.41	53	5	23	<0.5	<3	<3	40	0.21	0.044	18
BJD-05	Soil	0.034	2	48	8	22	0.5	6	3	221	2.48	235	7	20	<0.5	7	<3	31	0.10	0.040	24
BJD-06	Soil	0.019	2	29	8	38	0.4	13	7	208	2.76	120	4	22	<0.5	<3	<3	47	0.14	0.038	17
BJD-07	Soil	0.028	2	38	10	50	0.6	15	9	307	3.48	168	4	28	<0.5	3	<3	62	0.13	0.060	15
BJD-08	Soil	0.036	2	53	16	39	1.1	12	6	270	2.99	290	6	28	<0.5	4	<3	46	0.14	0.047	19
BJD-09	Soil	0.032	1	30	12	49	0.9	17	8	241	2.98	155	5	13	<0.5	<3	<3	54	0.09	0.032	13
BJD-10	Soil	0.013	1	30	14	44	0.9	17	8	421	3.03	162	5	25	<0.5	<3	<3	55	0.18	0.038	17
BJD-11	Soil	0.009	<1	24	8	48	0.4	19	7	219	2.80	55	5	19	<0.5	<3	<3	55	0.18	0.030	14
BJD-12	Soil	0.012	<1	31	7	43	<0.3	18	9	273	2.62	74	7	22	<0.5	<3	<3	47	0.20	0.022	20
BJD-13	Soil	0.014	1	26	7	43	<0.3	16	9	241	2.64	94	7	16	<0.5	<3	<3	44	0.13	0.025	17
BJD-14	Soil	0.015	1	33	8	52	0.4	20	9	193	2.89	99	6	19	<0.5	<3	<3	53	0.15	0.021	18
BJD-15	Soil	0.014	10	35	8	46	0.5	17	8	180	2.51	54	5	22	<0.5	<3	<3	49	0.21	0.030	16
BJD-16	Soil	0.011	4	40	8	51	<0.3	18	9	248	2.56	38	5	21	<0.5	<3	<3	48	0.23	0.041	16
BJD-17	Soil	0.023	27	69	14	47	0.5	14	7	215	2.46	69	6	26	<0.5	<3	<3	47	0.20	0.041	17
BJD-18	Soil	0.018	41	80	18	68	0.7	19	9	266	3.07	93	<2	26	<0.5	<3	<3	57	0.24	0.063	16
BJD-19	Soil	0.012	56	57	19	44	0.6	14	8	335	2.48	113	<2	20	<0.5	5	<3	45	0.14	0.042	17
BJD-20	Soil	0.019	18	74	24	60	1.4	23	9	193	2.91	75	2	31	<0.5	<3	<3	49	0.32	0.059	19
BJD-21	Soil	0.013	1	39	11	49	0.9	17	6	199	2.31	56	4	22	<0.5	<3	<3	39	0.27	0.047	17
BJD-22	Soil	0.010	<1	24	11	45	0.5	14	6	194	2.19	65	6	21	<0.5	<3	<3	39	0.23	0.039	19
BJD-23	Soil	0.009	2	25	17	72	0.6	14	9	336	2.99	90	10	20	<0.5	<3	<3	43	0.15	0.047	24
BJD-24	Soil	0.041	1	16	16	54	<0.3	16	9	280	3.05	32	6	25	<0.5	<3	<3	51	0.16	0.024	21

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
ZVD-22	Soil	28	0.44	319	0.090	<20	1.77	0.01	0.06	<2	<0.05	<1	<5	<5	5
ZVD-23	Soil	12	0.14	148	0.037	<20	1.06	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
ZVD-24	Soil	23	0.34	264	0.041	<20	1.69	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
ZVD-25	Soil	14	0.15	158	0.019	<20	1.11	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
ZVD-26	Soil	27	0.40	633	0.062	<20	1.82	<0.01	0.08	<2	<0.05	<1	<5	<5	5
ZVD-27	Soil	10	0.15	194	0.027	<20	0.70	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-01	Soil	23	0.47	370	0.082	<20	1.56	0.01	0.04	<2	<0.05	<1	<5	<5	<5
BJD-02	Soil	27	0.51	428	0.078	<20	2.09	0.01	0.05	<2	<0.05	<1	<5	5	<5
BJD-03	Soil	23	0.46	361	0.056	<20	1.67	0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-04	Soil	18	0.33	277	0.025	<20	1.27	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-05	Soil	13	0.15	246	0.017	<20	0.81	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
BJD-06	Soil	25	0.39	237	0.035	<20	1.37	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-07	Soil	32	0.48	238	0.035	<20	1.95	<0.01	0.08	<2	0.05	<1	<5	6	<5
BJD-08	Soil	22	0.37	266	0.033	<20	1.38	<0.01	0.09	<2	0.07	<1	<5	<5	<5
BJD-09	Soil	29	0.48	194	0.040	<20	1.80	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-10	Soil	30	0.44	314	0.029	<20	1.64	<0.01	0.07	<2	<0.05	<1	<5	6	<5
BJD-11	Soil	31	0.50	307	0.049	<20	1.64	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-12	Soil	29	0.47	361	0.047	<20	1.50	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-13	Soil	26	0.42	247	0.036	<20	1.51	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-14	Soil	32	0.50	297	0.047	<20	1.77	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-15	Soil	27	0.45	324	0.049	<20	1.49	0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-16	Soil	29	0.47	299	0.049	<20	1.55	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-17	Soil	23	0.44	239	0.051	<20	1.36	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-18	Soil	33	0.45	254	0.028	<20	2.07	<0.01	0.07	<2	<0.05	<1	<5	6	<5
BJD-19	Soil	20	0.28	223	0.031	<20	1.16	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-20	Soil	28	0.42	451	0.030	<20	1.84	0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-21	Soil	23	0.36	321	0.034	<20	1.34	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-22	Soil	23	0.41	298	0.040	<20	1.27	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-23	Soil	20	0.30	263	0.024	<20	1.38	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-24	Soil	32	0.42	241	0.033	<20	1.72	<0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
BJD-25	Soil	0.010	3	20	47	155	<0.3	16	11	885	5.22	38	9	44	<0.5	38	<3	62	0.22	0.086	27
BJD-26	Soil	0.025	2	14	24	145	<0.3	12	6	441	3.73	20	6	36	<0.5	4	<3	48	0.29	0.058	25
BJD-27	Soil	0.032	1	42	14	48	1.0	13	5	121	2.50	121	6	14	<0.5	<3	<3	40	0.13	0.046	17
BJD-28	Soil	0.026	<1	41	13	49	1.1	13	5	147	2.68	123	5	16	<0.5	<3	<3	40	0.13	0.051	19
BJD-29	Soil	0.008	<1	13	14	85	0.4	11	11	857	3.90	9	6	85	<0.5	<3	<3	90	0.61	0.136	23
BJD-30	Soil	<0.005	<1	17	19	66	<0.3	20	12	1185	3.48	8	11	56	<0.5	<3	<3	52	0.51	0.151	34
BJD-31	Soil	<0.005	<1	18	9	54	0.3	16	7	275	2.54	8	5	47	<0.5	<3	<3	52	0.36	0.052	19
BJD-32	Soil	0.006	<1	24	16	54	<0.3	19	7	336	2.42	10	3	35	<0.5	<3	<3	42	0.32	0.049	22
BJD-33	Soil	0.006	<1	21	7	30	0.3	8	2	63	1.47	27	<2	16	<0.5	<3	<3	21	0.13	0.044	22
BJD-34	Soil	0.178	2	57	14	50	0.5	9	6	188	4.97	187	5	29	<0.5	10	10	48	0.07	0.071	24
BJD-35	Soil	0.050	2	48	16	23	0.7	5	2	97	4.34	231	5	29	<0.5	16	10	35	0.04	0.071	27
BJD-36	Soil	0.059	2	62	10	46	<0.3	17	6	225	4.19	130	5	45	<0.5	<3	5	64	0.15	0.054	24
BJD-37	Soil	0.074	1	48	11	28	0.3	9	4	112	2.87	262	7	26	<0.5	5	<3	30	0.08	0.029	21
BJD-38	Soil	0.012	1	39	10	49	<0.3	22	8	192	2.65	22	8	15	<0.5	<3	<3	45	0.10	0.014	24
BJD-39	Soil	0.011	2	19	12	37	<0.3	13	6	172	3.27	15	2	13	<0.5	<3	<3	72	0.10	0.045	11
BJD-40	Soil	0.013	1	35	12	75	<0.3	25	12	280	3.42	44	8	16	<0.5	<3	<3	59	0.11	0.021	19
BJD-41	Soil	0.017	1	39	11	46	<0.3	19	10	199	3.25	85	3	17	<0.5	<3	<3	57	0.10	0.021	13
BJD-42	Soil	0.021	1	35	14	57	<0.3	22	9	197	3.32	130	3	16	<0.5	<3	<3	64	0.10	0.038	12
BJD-43	Soil	0.034	<1	33	9	30	<0.3	10	5	143	2.09	70	5	17	<0.5	<3	<3	29	0.10	0.025	20
BJD-44	Soil	0.009	<1	23	10	38	<0.3	14	6	172	2.34	51	5	14	<0.5	<3	<3	44	0.12	0.012	17
BJD-45	Soil	0.013	<1	26	11	48	0.3	23	9	183	2.61	41	6	12	<0.5	<3	<3	44	0.10	0.018	17
BJD-46	Soil	0.014	1	35	26	40	1.1	15	6	155	2.90	307	6	11	<0.5	8	<3	40	0.07	0.039	19
BJD-47	Soil	0.015	1	41	17	58	0.9	21	9	161	3.17	65	6	21	<0.5	<3	<3	55	0.11	0.022	17
BJD-48	Soil	0.007	1	17	14	51	0.8	17	9	460	2.72	63	4	13	<0.5	<3	<3	53	0.11	0.025	14
BJD-49	Soil	0.062	<1	19	24	23	2.0	8	2	68	1.41	235	3	16	<0.5	3	<3	28	0.12	0.026	19
BJD-50	Soil	0.019	<1	19	12	29	0.6	11	4	132	1.72	156	6	18	<0.5	<3	<3	30	0.19	0.018	22
BJD-51	Soil	0.013	2	36	49	42	1.7	8	4	109	3.15	152	11	45	<0.5	<3	8	52	0.07	0.047	36
BJD-52	Soil	0.048	3	27	18	102	0.3	45	33	1716	5.67	88	9	53	<0.5	<3	<3	65	0.59	0.149	39
BJD-53	Soil	<0.005	<1	17	3	22	<0.3	21	3	177	1.09	12	16	19	<0.5	<3	<3	12	0.21	0.012	34
BJD-54	Soil	0.008	1	28	13	46	<0.3	20	9	262	3.17	14	8	15	<0.5	<3	<3	58	0.11	0.020	20

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Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
BJD-25	Soil		26	0.46	216	0.023	<20	1.73	0.01	0.06	<2	<0.05	<1	<5	5	5
BJD-26	Soil		22	0.38	141	0.034	<20	1.24	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-27	Soil		23	0.34	253	0.027	<20	1.62	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-28	Soil		22	0.36	248	0.028	<20	1.59	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-29	Soil		30	0.79	379	0.096	<20	2.00	0.02	0.06	<2	<0.05	<1	<5	<5	6
BJD-30	Soil		24	0.44	370	0.028	<20	2.07	0.01	0.11	<2	<0.05	<1	<5	<5	<5
BJD-31	Soil		28	0.58	373	0.066	<20	1.75	0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-32	Soil		26	0.42	354	0.030	<20	1.70	0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-33	Soil		12	0.16	224	0.006	<20	0.96	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
BJD-34	Soil		23	0.24	345	0.021	<20	1.09	<0.01	0.17	<2	0.24	<1	<5	<5	<5
BJD-35	Soil		15	0.10	217	0.009	<20	0.62	<0.01	0.15	<2	0.23	<1	<5	<5	<5
BJD-36	Soil		33	0.61	286	0.034	<20	1.69	0.01	0.08	<2	0.10	<1	<5	<5	5
BJD-37	Soil		13	0.24	225	0.018	<20	0.82	<0.01	0.11	<2	0.14	<1	<5	<5	<5
BJD-38	Soil		28	0.43	290	0.036	<20	1.69	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-39	Soil		26	0.35	192	0.042	<20	1.95	<0.01	0.05	<2	<0.05	<1	<5	7	<5
BJD-40	Soil		35	0.53	298	0.041	<20	2.39	<0.01	0.13	<2	<0.05	<1	<5	6	<5
BJD-41	Soil		28	0.45	241	0.036	<20	2.10	<0.01	0.06	<2	<0.05	<1	<5	6	<5
BJD-42	Soil		32	0.46	197	0.042	<20	2.32	<0.01	0.07	<2	<0.05	<1	<5	7	<5
BJD-43	Soil		13	0.23	170	0.031	<20	0.80	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-44	Soil		23	0.36	226	0.039	<20	1.46	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
BJD-45	Soil		27	0.40	213	0.047	<20	1.99	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-46	Soil		21	0.23	215	0.019	<20	1.61	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
BJD-47	Soil		29	0.48	247	0.038	<20	2.09	<0.01	0.07	<2	<0.05	<1	<5	6	<5
BJD-48	Soil		27	0.40	212	0.040	<20	1.71	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-49	Soil		13	0.18	184	0.029	<20	0.80	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-50	Soil		18	0.32	271	0.033	<20	0.98	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-51	Soil		16	0.30	317	0.013	<20	1.73	0.01	0.13	<2	0.14	<1	<5	7	<5
BJD-52	Soil		11	0.46	322	0.002	<20	2.27	<0.01	0.07	<2	<0.05	<1	<5	6	9
BJD-53	Soil		9	0.08	198	0.002	<20	0.46	0.01	0.06	<2	<0.05	<1	<5	<5	<5
BJD-54	Soil		42	0.45	267	0.047	<20	2.34	<0.01	0.05	<2	<0.05	<1	<5	<5	7

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
BJD-55	Soil	0.029	2	60	15	76	0.7	21	8	240	3.07	67	3	34	<0.5	<3	<3	46	0.35	0.062	16
BJD-56	Soil	0.010	1	24	10	45	<0.3	15	6	162	2.30	49	5	26	<0.5	<3	<3	40	0.32	0.041	15
BJD-57	Soil	0.009	1	20	12	51	<0.3	15	7	251	2.46	50	6	22	<0.5	<3	<3	43	0.27	0.047	16
BJD-58	Soil	0.007	<1	32	11	48	<0.3	21	9	303	2.38	37	5	30	<0.5	<3	<3	44	0.42	0.046	17
GDBK-01	Soil	0.018	1	76	20	79	0.5	11	6	154	4.33	717	5	49	<0.5	12	7	43	0.11	0.047	24
GDBK-02	Soil	0.049	<1	23	12	24	<0.3	9	3	99	1.87	131	5	11	<0.5	<3	4	31	0.09	0.012	17
GDBK-03	Soil	0.024	2	114	23	47	0.8	11	8	218	5.86	168	6	43	<0.5	6	4	44	0.05	0.094	28

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Client: **Kreft, Bernie**
1 Locust Place
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Project: None Given
Report Date: July 26, 2017

CERTIFICATE OF ANALYSIS VAN17001346.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
BJD-55	Soil	27	0.38	394	0.046	<20	2.05	0.01	0.08	<2	<0.05	<1	<5	<5	<5
BJD-56	Soil	22	0.40	274	0.057	<20	1.31	0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-57	Soil	23	0.37	258	0.060	<20	1.45	0.01	0.05	<2	<0.05	<1	<5	<5	<5
BJD-58	Soil	24	0.43	428	0.052	<20	1.46	0.01	0.05	<2	<0.05	<1	<5	<5	<5
GDBK-01	Soil	14	0.25	369	0.023	<20	1.32	0.01	0.16	<2	0.20	<1	<5	<5	<5
GDBK-02	Soil	15	0.25	158	0.028	<20	0.97	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
GDBK-03	Soil	14	0.20	276	0.017	<20	1.13	<0.01	0.14	<2	0.19	<1	<5	<5	<5

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: July 04, 2017
Report Date: August 01, 2017
Page: 1 of 7

CERTIFICATE OF ANALYSIS VAN17001347.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 179

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	178	Dry at 60C			VAN
SS80	178	Dry at 60C sieve 100g to -80 mesh			VAN
FA430	178	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	178	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	178	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
DRPLP	178	Warehouse handling / disposition of pulps			VAN

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS VAN17001347.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
RVD-21	Soil	<0.005	<1	9	6	40	<0.3	7	4	152	1.45	3	4	372	<0.5	<3	<3	25	0.76	0.033	10
RVD-24	Soil	<0.005	<1	11	5	39	<0.3	10	6	408	1.71	4	3	225	<0.5	<3	<3	32	0.92	0.026	10
RVD-25	Soil	<0.005	<1	7	9	50	<0.3	7	6	706	1.95	3	5	230	<0.5	<3	<3	26	0.97	0.025	13
RVD-26	Soil	0.006	<1	17	11	49	<0.3	12	5	427	1.78	3	4	827	<0.5	<3	<3	25	1.14	0.047	15
WGD-01	Soil	<0.005	<1	11	8	51	<0.3	12	6	247	2.16	6	4	50	<0.5	<3	<3	51	0.37	0.069	17
WGD-02	Soil	<0.005	<1	13	4	53	<0.3	13	6	250	2.29	5	5	51	<0.5	<3	<3	51	0.37	0.060	17
WGD-03	Soil	0.007	1	17	12	67	<0.3	17	7	411	2.61	16	2	50	<0.5	<3	<3	50	0.34	0.061	17
WGD-04	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
WGB-04	Soil	0.009	<1	21	7	44	<0.3	10	5	228	1.92	51	3	19	<0.5	<3	<3	32	0.17	0.044	18
WGD-05	Soil	0.030	1	32	4	32	0.4	9	6	243	2.59	220	5	20	<0.5	<3	3	39	0.10	0.043	19
WGD-06	Soil	0.080	4	38	7	40	0.3	12	5	141	3.66	409	6	24	<0.5	4	<3	53	0.08	0.041	18
WGD-07	Soil	0.019	1	35	7	39	1.0	11	11	968	2.68	108	3	29	<0.5	<3	<3	45	0.15	0.135	14
WGD-08	Soil	0.032	2	40	20	43	1.3	13	6	164	3.41	383	6	36	<0.5	3	<3	53	0.11	0.041	17
WGD-09	Soil	0.009	1	21	9	37	1.2	12	5	184	2.62	60	4	21	<0.5	<3	<3	54	0.13	0.037	17
WGD-10	Soil	0.011	1	24	12	47	0.9	17	7	229	3.02	43	4	17	<0.5	<3	<3	63	0.13	0.021	14
WGD-11	Soil	0.019	1	23	14	42	1.1	11	5	199	3.25	139	4	13	<0.5	<3	<3	66	0.09	0.036	14
WGD-12	Soil	0.023	2	36	13	30	0.5	10	4	118	2.61	160	5	19	<0.5	<3	<3	44	0.08	0.031	23
WGD-13	Soil	0.027	1	75	21	40	0.7	14	6	143	2.60	103	7	32	<0.5	<3	<3	42	0.18	0.042	24
WGD-14	Soil	0.012	2	23	15	63	0.4	18	9	506	3.53	133	<2	20	<0.5	<3	<3	71	0.16	0.122	13
WGD-15	Soil	0.020	4	101	19	49	1.5	19	8	205	3.07	85	4	24	<0.5	<3	<3	55	0.16	0.050	21
WGD-16	Soil	0.036	76	101	18	64	0.8	19	11	320	3.21	126	6	26	<0.5	<3	<3	65	0.18	0.047	18
WGD-17	Soil	0.014	41	45	12	40	<0.3	12	5	115	2.03	53	6	16	<0.5	<3	<3	40	0.12	0.026	17
WGD-18	Soil	0.028	59	93	23	52	2.0	20	8	144	2.66	77	<2	28	<0.5	<3	<3	48	0.21	0.069	18
WGD-19	Soil	0.018	18	30	16	49	0.9	15	6	182	2.50	81	5	17	<0.5	<3	<3	46	0.16	0.047	18
WGD-20	Soil	0.015	1	19	8	49	0.4	16	7	220	2.39	48	6	19	<0.5	<3	<3	47	0.19	0.033	16
WGD-21	Soil	0.010	2	24	13	55	<0.3	17	10	403	2.85	72	4	22	<0.5	<3	<3	56	0.21	0.047	18
WGD-22	Soil	0.130	1	20	14	50	1.0	15	6	212	2.47	93	6	18	<0.5	<3	<3	48	0.17	0.039	18
WGD-23	Soil	0.012	1	15	26	56	0.8	11	4	182	2.46	100	5	22	<0.5	<3	<3	43	0.15	0.041	20
WGD-24	Soil	0.008	2	16	35	61	<0.3	15	7	244	3.41	64	6	39	<0.5	<3	<3	54	0.16	0.038	24
WGD-25	Soil	0.015	1	20	13	54	<0.3	20	8	227	2.84	20	5	20	<0.5	<3	<3	50	0.16	0.028	18

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS VAN17001347.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
RVD-21	Soil	10	0.18	1037	0.010	<20	0.60	0.01	0.10	<2	0.05	<1	<5	<5	<5
RVD-24	Soil	15	0.31	638	0.014	<20	0.96	0.01	0.11	<2	<0.05	<1	<5	<5	<5
RVD-25	Soil	9	0.39	1389	0.005	<20	0.53	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
RVD-26	Soil	12	0.27	1170	0.005	<20	0.78	<0.01	0.14	<2	<0.05	<1	<5	<5	5
WGD-01	Soil	21	0.43	284	0.085	<20	1.37	0.02	0.04	<2	<0.05	<1	<5	<5	<5
WGD-02	Soil	21	0.45	312	0.080	<20	1.55	0.02	0.04	<2	<0.05	<1	<5	<5	<5
WGD-03	Soil	24	0.39	387	0.027	<20	2.16	0.01	0.06	<2	<0.05	<1	<5	5	<5
WGD-04	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
WGB-04	Soil	16	0.26	199	0.016	<20	1.09	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-05	Soil	15	0.23	209	0.023	<20	0.98	<0.01	0.09	<2	0.06	<1	<5	<5	<5
WGD-06	Soil	20	0.32	223	0.021	<20	1.53	0.01	0.10	<2	0.09	<1	<5	5	<5
WGD-07	Soil	19	0.25	242	0.027	<20	1.40	<0.01	0.09	<2	<0.05	<1	<5	5	<5
WGD-08	Soil	22	0.36	284	0.024	<20	1.64	0.01	0.12	<2	0.14	<1	<5	<5	<5
WGD-09	Soil	19	0.35	179	0.041	<20	1.21	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-10	Soil	30	0.47	226	0.044	<20	2.03	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-11	Soil	24	0.30	141	0.042	<20	1.68	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-12	Soil	15	0.22	169	0.022	<20	1.22	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
WGD-13	Soil	20	0.36	271	0.044	<20	1.29	0.01	0.08	<2	0.09	<1	<5	<5	<5
WGD-14	Soil	27	0.44	248	0.046	<20	1.90	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-15	Soil	24	0.36	289	0.031	<20	1.91	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
WGD-16	Soil	28	0.51	280	0.058	<20	2.17	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
WGD-17	Soil	18	0.34	128	0.052	<20	1.25	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-18	Soil	25	0.33	403	0.028	<20	2.10	0.01	0.08	<2	<0.05	<1	<5	<5	<5
WGD-19	Soil	21	0.34	194	0.041	<20	1.34	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-20	Soil	25	0.42	238	0.053	<20	1.50	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-21	Soil	25	0.43	309	0.046	<20	1.70	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-22	Soil	23	0.39	239	0.038	<20	1.64	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-23	Soil	16	0.28	189	0.021	<20	1.29	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-24	Soil	25	0.40	289	0.024	<20	1.83	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-25	Soil	28	0.47	250	0.046	<20	1.77	<0.01	0.05	<2	<0.05	<1	<5	<5	<5

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Client: **Kreft, Bernie**
1 Locust Place
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Project: None Given
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS VAN17001347.1

Method		FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
WGD-26	Soil	0.023	3	19	31	79	<0.3	18	10	520	3.71	36	6	41	<0.5	<3	<3	63	0.27	0.061	29
WGD-27	Soil	0.055	6	22	69	187	<0.3	18	10	737	4.51	350	8	49	<0.5	<3	<3	56	0.25	0.077	23
WGD-28	Soil	0.031	2	44	16	57	1.3	14	5	123	2.76	104	7	17	<0.5	<3	<3	44	0.14	0.049	20
WGD-29	Soil	0.038	2	68	26	82	2.5	24	9	327	3.73	157	3	29	<0.5	<3	<3	62	0.25	0.072	18
WGD-30	Soil	0.007	<1	15	11	55	<0.3	16	6	241	2.37	8	5	30	<0.5	<3	<3	48	0.25	0.035	17
WGD-31	Soil	0.006	<1	24	10	60	<0.3	20	7	277	2.59	8	5	39	<0.5	<3	<3	49	0.36	0.048	22
WGD-32	Soil	0.008	<1	18	11	52	<0.3	19	7	342	2.55	8	6	29	<0.5	<3	<3	43	0.28	0.033	24
WGD-33	Soil	0.007	<1	19	8	28	<0.3	14	5	178	1.60	13	6	28	<0.5	<3	<3	30	0.23	0.024	24
WGD-34	Soil	0.007	<1	10	7	24	<0.3	8	3	82	1.34	13	4	15	<0.5	<3	<3	27	0.12	0.020	22
WGD-35	Soil	0.016	<1	35	10	74	<0.3	13	5	218	2.99	127	7	34	<0.5	<3	<3	47	0.11	0.031	23
WGD-36	Soil	0.026	<1	13	9	21	<0.3	7	3	77	1.39	154	4	9	<0.5	<3	<3	25	0.07	0.011	19
WGD-37	Soil	0.011	<1	18	7	27	<0.3	11	4	114	1.71	22	7	11	<0.5	<3	<3	27	0.08	0.010	24
WGD-38	Soil	0.008	<1	18	7	31	<0.3	11	5	116	1.94	20	7	11	<0.5	<3	<3	33	0.08	0.010	21
WGD-39	Soil	0.027	<1	27	6	23	<0.3	10	4	98	1.78	59	7	12	<0.5	<3	<3	26	0.10	0.011	25
WGD-40	Soil	0.100	<1	29	8	37	<0.3	12	5	144	2.52	147	5	17	<0.5	<3	7	44	0.12	0.024	19
WGD-41	Soil	0.073	<1	35	10	31	<0.3	10	4	120	2.33	79	7	18	<0.5	<3	3	37	0.08	0.015	21
WGD-42	Soil	0.046	1	39	11	43	<0.3	15	7	191	3.08	122	4	23	<0.5	<3	<3	56	0.12	0.030	18
WGD-43	Soil	0.017	<1	28	11	47	<0.3	18	8	232	3.06	96	5	17	<0.5	<3	<3	56	0.13	0.019	17
WGD-44	Soil	0.029	<1	24	7	35	<0.3	13	5	139	2.02	31	7	14	<0.5	<3	<3	37	0.11	0.010	23
WGD-45	Soil	0.014	<1	13	24	23	0.9	8	3	83	1.60	68	6	10	<0.5	4	<3	28	0.07	0.008	20
WGD-46	Soil	0.019	<1	17	9	30	0.5	11	4	122	1.78	60	7	14	<0.5	<3	<3	33	0.12	0.014	20
WGD-47	Soil	0.010	<1	17	10	35	0.6	13	5	132	2.00	35	6	14	<0.5	<3	<3	38	0.12	0.012	19
WGD-48	Soil	0.010	<1	23	12	43	<0.3	20	8	215	2.77	28	6	18	<0.5	<3	<3	54	0.16	0.011	19
WGD-49	Soil	0.010	1	21	10	43	<0.3	11	5	142	2.86	105	7	22	<0.5	4	<3	38	0.08	0.027	21
WGD-50	Soil	0.012	1	18	11	35	<0.3	12	5	126	2.68	33	5	16	<0.5	<3	<3	45	0.09	0.023	18
WGD-51	Soil	0.007	<1	24	8	56	<0.3	20	8	210	2.90	17	7	18	<0.5	<3	<3	52	0.13	0.014	18
WGD-52	Soil	0.015	2	45	15	92	<0.3	9	4	177	3.24	48	10	34	<0.5	<3	<3	42	0.08	0.040	37
WGD-53	Soil	0.013	2	24	41	207	0.4	15	8	513	3.85	35	5	43	1.4	<3	<3	68	0.25	0.078	27
WGD-54	Soil	<0.005	<1	8	9	36	<0.3	9	3	154	2.14	19	4	12	<0.5	<3	<3	47	0.10	0.022	14
WGD-55	Soil	0.009	2	33	10	43	<0.3	13	6	184	2.35	46	6	23	<0.5	<3	<3	42	0.23	0.048	19

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Project: None Given
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS VAN17001347.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
WGD-26	Soil	26	0.50	277	0.034	<20	1.99	<0.01	0.06	<2	<0.05	<1	<5	<5	5
WGD-27	Soil	21	0.42	199	0.030	<20	1.90	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-28	Soil	23	0.34	267	0.025	<20	2.03	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
WGD-29	Soil	30	0.43	520	0.021	<20	2.71	<0.01	0.12	<2	<0.05	<1	<5	7	<5
WGD-30	Soil	25	0.51	269	0.046	<20	1.78	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-31	Soil	27	0.56	420	0.056	<20	1.70	0.01	0.05	<2	<0.05	<1	<5	<5	5
WGD-32	Soil	23	0.43	241	0.027	<20	1.70	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-33	Soil	16	0.28	238	0.013	<20	1.01	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-34	Soil	14	0.24	126	0.023	<20	0.86	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-35	Soil	22	0.34	301	0.032	<20	1.56	<0.01	0.09	<2	0.06	<1	<5	<5	<5
WGD-36	Soil	13	0.21	117	0.022	<20	0.79	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-37	Soil	15	0.23	176	0.014	<20	1.05	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
WGD-38	Soil	16	0.26	153	0.022	<20	1.12	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-39	Soil	14	0.24	178	0.019	<20	0.92	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-40	Soil	20	0.37	169	0.038	<20	1.32	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-41	Soil	18	0.32	190	0.027	<20	1.25	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-42	Soil	24	0.37	231	0.049	<20	1.73	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-43	Soil	29	0.45	290	0.044	<20	2.03	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-44	Soil	19	0.32	198	0.037	<20	1.24	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-45	Soil	14	0.23	117	0.026	<20	0.94	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-46	Soil	18	0.30	182	0.035	<20	1.08	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-47	Soil	19	0.29	196	0.041	<20	1.24	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-48	Soil	29	0.48	342	0.065	<20	2.06	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-49	Soil	16	0.25	195	0.023	<20	1.15	<0.01	0.07	<2	0.06	<1	<5	<5	<5
WGD-50	Soil	21	0.30	187	0.023	<20	1.80	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-51	Soil	31	0.48	238	0.047	<20	1.83	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-52	Soil	14	0.34	228	0.013	<20	1.20	<0.01	0.10	<2	0.07	<1	<5	<5	<5
WGD-53	Soil	23	0.50	276	0.019	<20	1.92	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
WGD-54	Soil	17	0.25	114	0.035	<20	1.07	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
WGD-55	Soil	20	0.37	243	0.045	<20	1.29	<0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Project: None Given
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CERTIFICATE OF ANALYSIS VAN17001347.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
WGD-56	Soil	0.057	1	34	9	47	<0.3	15	7	197	2.31	46	5	25	<0.5	<3	<3	41	0.27	0.052	18
WGD-57	Soil	0.025	2	35	20	45	0.3	15	11	386	2.68	103	6	28	<0.5	<3	<3	44	0.26	0.034	19
WGD-58	Soil	0.008	<1	18	10	38	<0.3	13	5	141	2.15	53	5	19	<0.5	<3	<3	40	0.20	0.029	16
LGD-01	Soil	0.011	1	28	18	54	0.4	14	6	332	2.51	34	5	29	<0.5	<3	<3	36	0.21	0.048	25
LGD-02	Soil	0.006	<1	13	10	58	<0.3	13	7	298	2.70	8	5	64	<0.5	<3	<3	60	0.35	0.053	16
LGD-03	Soil	<0.005	<1	22	16	60	<0.3	18	7	346	2.71	9	4	47	<0.5	<3	<3	48	0.39	0.059	19
LGD-04	Soil	0.006	<1	13	9	56	<0.3	14	6	306	2.51	6	4	60	<0.5	<3	<3	56	0.38	0.063	18
LGD-05	Soil	0.048	1	30	13	32	0.6	9	4	142	2.97	332	5	29	<0.5	5	5	36	0.08	0.031	21
LGD-06	Soil	0.023	1	32	10	36	0.4	12	4	176	3.09	132	4	19	<0.5	<3	<3	46	0.09	0.028	18
LGD-07	Soil	0.073	1	40	9	34	0.3	11	4	154	3.01	130	5	22	<0.5	<3	<3	40	0.11	0.038	20
LGD-08	Soil	0.056	1	47	9	39	<0.3	12	5	184	3.37	108	6	28	<0.5	<3	<3	42	0.12	0.050	22
LGD-09	Soil	0.056	1	45	10	51	<0.3	20	8	190	3.37	25	7	26	<0.5	<3	<3	59	0.13	0.020	21
LGD-10	Soil	0.225	2	79	13	31	0.4	9	4	125	5.32	53	7	62	<0.5	<3	4	67	0.05	0.073	27
LGD-11	Soil	0.012	2	84	17	51	0.4	13	6	221	4.91	20	8	66	<0.5	<3	<3	72	0.09	0.054	31
LGD-12	Soil	0.049	<1	35	16	50	0.8	19	8	226	3.05	77	5	25	<0.5	<3	<3	54	0.13	0.023	19
LGD-13	Soil	0.009	<1	24	8	45	<0.3	19	9	222	2.63	21	5	18	<0.5	<3	<3	52	0.14	0.015	22
LGD-14	Soil	0.009	1	26	13	37	0.8	11	5	222	3.08	84	<2	17	<0.5	<3	<3	59	0.08	0.045	15
LGD-15	Soil	0.014	<1	30	12	40	0.4	15	6	227	2.11	79	4	20	<0.5	<3	<3	35	0.18	0.026	18
LGD-16	Soil	0.024	<1	30	11	42	0.5	15	6	191	2.38	113	6	21	<0.5	<3	<3	41	0.17	0.018	19
LGD-17	Soil	0.011	5	61	11	38	0.4	15	8	227	2.20	38	7	16	<0.5	<3	<3	40	0.11	0.014	20
LGD-18	Soil	0.030	16	43	17	46	0.7	14	5	147	2.27	108	7	15	<0.5	4	<3	33	0.15	0.036	18
LGD-19	Soil	0.020	3	29	13	57	0.5	18	7	231	2.58	77	5	22	<0.5	<3	<3	45	0.24	0.042	18
LGD-20	Soil	0.017	1	32	11	50	0.8	17	6	186	2.36	49	5	23	<0.5	<3	<3	42	0.24	0.049	17
LGD-21	Soil	0.020	<1	37	15	42	0.6	14	5	156	2.11	79	6	21	<0.5	<3	<3	38	0.18	0.035	20
LGD-22	Soil	0.043	1	76	20	66	2.4	20	7	247	3.47	173	9	25	<0.5	<3	<3	55	0.18	0.041	21
LGD-23	Soil	0.007	2	28	32	69	0.4	27	9	316	4.20	37	7	33	<0.5	<3	<3	51	0.11	0.062	28
LGD-24	Soil	<0.005	2	13	39	76	<0.3	16	10	736	4.05	96	5	33	<0.5	<3	5	50	0.22	0.097	24
LGD-25	Soil	0.007	2	23	51	72	<0.3	12	5	185	4.22	35	7	30	<0.5	3	<3	41	0.08	0.049	26
LGD-26	Soil	0.017	1	18	38	62	<0.3	17	6	234	2.97	24	7	27	<0.5	<3	<3	51	0.12	0.024	17
LGD-27	Soil	0.005	1	15	11	59	<0.3	14	8	441	2.61	8	3	54	<0.5	<3	<3	59	0.39	0.076	17

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
WGD-56	Soil	22	0.40	245	0.057	<20	1.31	0.01	0.05	<2	<0.05	<1	<5	<5	<5
WGD-57	Soil	21	0.34	281	0.051	<20	1.40	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
WGD-58	Soil	20	0.37	195	0.050	<20	1.34	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
LGD-01	Soil	17	0.28	312	0.019	<20	1.21	0.01	0.08	<2	<0.05	<1	<5	<5	<5
LGD-02	Soil	23	0.50	348	0.090	<20	1.93	0.02	0.04	<2	<0.05	<1	<5	<5	<5
LGD-03	Soil	24	0.48	376	0.035	<20	2.00	0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-04	Soil	22	0.50	323	0.097	<20	1.58	0.02	0.04	<2	<0.05	<1	<5	<5	<5
LGD-05	Soil	15	0.28	256	0.020	<20	1.12	<0.01	0.12	<2	0.15	<1	<5	<5	<5
LGD-06	Soil	18	0.37	181	0.027	<20	1.18	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LGD-07	Soil	17	0.30	208	0.022	<20	1.09	<0.01	0.08	<2	0.07	<1	<5	<5	<5
LGD-08	Soil	18	0.33	225	0.027	<20	1.08	0.01	0.11	<2	0.14	<1	<5	<5	<5
LGD-09	Soil	33	0.55	294	0.050	<20	1.99	0.01	0.07	<2	<0.05	<1	<5	<5	6
LGD-10	Soil	20	0.42	277	0.035	<20	2.25	0.03	0.11	<2	0.21	<1	<5	<5	<5
LGD-11	Soil	25	0.77	368	0.020	<20	2.56	0.04	0.11	<2	0.22	<1	<5	<5	<5
LGD-12	Soil	29	0.49	266	0.049	<20	1.79	0.01	0.07	<2	<0.05	<1	<5	<5	6
LGD-13	Soil	29	0.48	214	0.064	<20	1.58	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
LGD-14	Soil	18	0.23	142	0.023	<20	1.48	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
LGD-15	Soil	19	0.37	285	0.034	<20	1.06	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-16	Soil	22	0.42	301	0.037	<20	1.36	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-17	Soil	20	0.35	208	0.038	<20	1.42	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-18	Soil	18	0.33	113	0.040	<20	1.18	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-19	Soil	25	0.46	310	0.051	<20	1.41	0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-20	Soil	23	0.42	276	0.050	<20	1.33	0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-21	Soil	20	0.38	249	0.043	<20	1.15	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-22	Soil	30	0.43	388	0.024	<20	2.48	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
LGD-23	Soil	12	0.46	337	0.003	<20	1.87	<0.01	0.09	<2	0.11	<1	<5	<5	<5
LGD-24	Soil	18	0.37	209	0.017	<20	1.40	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LGD-25	Soil	17	0.21	142	0.009	<20	1.21	0.01	0.06	<2	0.08	<1	<5	<5	<5
LGD-26	Soil	25	0.51	184	0.023	<20	1.89	0.01	0.04	<2	<0.05	<1	<5	<5	<5
LGD-27	Soil	25	0.53	286	0.078	<20	1.71	0.01	0.05	<2	<0.05	<1	<5	<5	<5

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS VAN17001347.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
LGD-28	Soil	0.007	1	20	14	63	<0.3	17	7	297	2.69	8	<2	60	<0.5	<3	<3	59	0.39	0.053	17
LGD-29	Soil	0.006	<1	24	9	59	<0.3	19	7	308	2.61	8	4	44	<0.5	<3	<3	51	0.38	0.051	18
LGD-30	Soil	<0.005	<1	20	10	46	<0.3	17	6	227	2.17	6	5	29	<0.5	<3	<3	38	0.26	0.034	21
LGD-31	Soil	<0.005	<1	17	8	24	<0.3	10	3	66	1.26	15	3	22	<0.5	<3	<3	26	0.21	0.030	14
LGD-32	Soil	0.005	<1	13	5	15	<0.3	5	2	51	0.96	45	4	9	<0.5	<3	4	19	0.09	0.010	18
LGD-33	Soil	<0.005	1	24	6	20	<0.3	8	4	120	2.13	125	<2	9	<0.5	<3	3	28	0.05	0.026	21
LGD-34	Soil	0.007	<1	27	8	22	<0.3	7	3	94	2.29	142	7	11	<0.5	<3	4	27	0.05	0.021	25
LGD-35	Soil	0.022	2	92	14	62	0.5	8	5	266	6.81	154	7	35	<0.5	4	4	66	0.15	0.126	26
LGD-36	Soil	0.021	<1	41	33	23	<0.3	9	4	100	1.81	94	7	12	<0.5	<3	<3	26	0.08	0.013	23
LGD-37	Soil	0.078	<1	26	7	29	<0.3	11	4	126	2.20	60	5	10	<0.5	<3	3	39	0.07	0.013	16
LGD-38	Soil	0.209	1	29	8	37	<0.3	13	7	242	3.28	92	4	17	<0.5	<3	<3	55	0.11	0.039	16
LGD-39	Soil	0.013	<1	46	9	56	<0.3	30	10	265	3.35	30	7	13	<0.5	<3	<3	60	0.09	0.016	15
LGD-40	Soil	<0.005	2	114	22	51	0.5	11	12	239	5.56	62	5	28	<0.5	<3	9	67	0.06	0.100	30
LGD-41	Soil	0.009	<1	30	10	46	0.5	19	8	274	2.92	47	6	15	<0.5	<3	<3	60	0.11	0.013	17
LGD-42	Soil	0.014	<1	24	8	30	<0.3	9	4	86	1.86	71	8	11	<0.5	<3	<3	24	0.07	0.011	22
LGD-43	Soil	0.040	<1	19	17	37	0.5	16	8	157	2.29	127	5	13	<0.5	<3	<3	39	0.09	0.012	18
LGD-44	Soil	0.011	<1	18	10	36	0.6	14	6	201	2.00	78	4	15	<0.5	<3	<3	38	0.14	0.016	17
LGD-45	Soil	0.009	<1	24	13	44	0.5	19	8	190	2.63	54	6	13	<0.5	<3	<3	52	0.10	0.009	15
LGD-46	Soil	<0.005	<1	14	8	24	<0.3	8	3	84	1.63	45	8	11	<0.5	<3	<3	26	0.07	0.008	23
LGD-47	Soil	0.013	<1	12	10	32	0.7	12	5	125	2.35	254	5	10	<0.5	<3	<3	40	0.08	0.012	17
LGD-48	Soil	0.008	<1	23	10	33	0.4	13	5	95	2.15	98	7	11	<0.5	<3	<3	33	0.08	0.011	20
LGD-49	Soil	0.011	<1	10	13	18	<0.3	6	2	56	1.42	72	5	9	<0.5	<3	<3	18	0.05	0.009	19
LGD-50	Soil	0.008	2	20	47	85	0.6	8	3	100	4.07	22	3	46	<0.5	<3	<3	44	0.24	0.087	26
LGD-51	Soil	<0.005	2	16	17	152	<0.3	13	6	498	4.41	25	7	36	<0.5	<3	<3	44	0.37	0.111	38
LGD-52	Soil	<0.005	1	17	11	43	<0.3	15	8	349	3.32	30	3	32	<0.5	<3	<3	55	0.23	0.062	23
LGD-53	Soil	0.038	2	35	9	53	0.3	16	6	191	2.57	58	5	25	<0.5	<3	<3	42	0.26	0.052	16
LGD-54	Soil	0.346	2	36	11	47	<0.3	15	6	204	2.45	66	6	27	<0.5	<3	<3	43	0.29	0.047	18
LGD-55	Soil	0.182	2	24	11	46	<0.3	14	7	222	2.38	71	4	22	<0.5	<3	<3	41	0.22	0.039	16
LGD-56	Soil	0.018	<1	24	11	43	<0.3	15	6	182	2.11	45	5	25	<0.5	<3	<3	39	0.28	0.041	17

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Project: None Given
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS VAN17001347.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
LGD-28	Soil		27	0.54	397	0.061	<20	2.21	0.01	0.05	<2	<0.05	<1	<5	5	<5
LGD-29	Soil		26	0.54	449	0.062	<20	1.80	0.01	0.05	<2	<0.05	<1	<5	<5	5
LGD-30	Soil		22	0.44	305	0.034	<20	1.48	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
LGD-31	Soil		14	0.24	272	0.015	<20	0.97	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-32	Soil		9	0.16	144	0.018	<20	0.63	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-33	Soil		8	0.10	160	0.011	<20	0.67	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
LGD-34	Soil		13	0.21	185	0.012	<20	1.00	<0.01	0.14	<2	0.14	<1	<5	<5	<5
LGD-35	Soil		13	0.37	296	0.018	<20	1.21	<0.01	0.12	<2	0.16	<1	<5	<5	6
LGD-36	Soil		14	0.24	197	0.019	<20	0.85	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
LGD-37	Soil		17	0.27	135	0.029	<20	1.19	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-38	Soil		20	0.27	169	0.031	<20	1.25	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-39	Soil		36	0.55	286	0.049	<20	2.60	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-40	Soil		14	0.31	183	0.008	<20	1.15	0.01	0.06	<2	0.08	<1	<5	<5	<5
LGD-41	Soil		33	0.49	280	0.056	<20	2.09	<0.01	0.05	<2	<0.05	<1	<5	<5	5
LGD-42	Soil		13	0.20	178	0.015	<20	1.07	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LGD-43	Soil		22	0.33	197	0.025	<20	1.79	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-44	Soil		21	0.38	220	0.043	<20	1.11	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-45	Soil		30	0.47	242	0.047	<20	1.86	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-46	Soil		13	0.24	152	0.022	<20	0.99	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LGD-47	Soil		19	0.30	159	0.034	<20	1.39	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LGD-48	Soil		17	0.27	190	0.020	<20	1.42	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
LGD-49	Soil		10	0.16	128	0.014	<20	0.70	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
LGD-50	Soil		13	0.23	489	0.009	<20	0.85	<0.01	0.17	<2	0.29	<1	<5	<5	<5
LGD-51	Soil		13	0.28	204	0.006	<20	1.19	<0.01	0.06	<2	<0.05	<1	<5	<5	8
LGD-52	Soil		18	0.49	190	0.021	<20	1.56	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
LGD-53	Soil		22	0.40	251	0.049	<20	1.41	0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-54	Soil		21	0.40	245	0.060	<20	1.25	0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGD-55	Soil		20	0.36	204	0.055	<20	1.29	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGD-56	Soil		21	0.41	292	0.061	<20	1.23	0.01	0.04	<2	<0.05	<1	<5	<5	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: August 30, 2017
Report Date: September 18, 2017
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI17000742.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 174

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	174	Dry at 60C			WHI
SS80	174	Dry at 60C sieve 100g to -80 mesh			WHI
FA430	174	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	174	Environmental disposal charge-Fire assay lead waste			WHI
AQ300	174	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	174	Per sample shipping charges for branch shipments			WHI

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
LGMD-01	Soil	<0.005	2	12	40	91	<0.3	12	8	396	4.75	13	7	61	<0.5	<3	<3	109	0.50	0.227	20
LGMD-02	Soil	<0.005	2	11	41	100	<0.3	9	13	1283	4.84	10	10	47	<0.5	<3	<3	88	0.35	0.112	32
LGMD-03	Soil	<0.005	1	18	16	64	<0.3	20	8	428	3.32	11	5	33	<0.5	<3	<3	63	0.30	0.060	17
LGMD-04	Soil	<0.005	<1	19	10	48	<0.3	21	7	296	2.66	9	5	31	<0.5	<3	<3	43	0.39	0.040	19
LGMD-05	Soil	<0.005	1	18	14	42	<0.3	16	7	194	2.49	9	2	18	<0.5	<3	<3	55	0.18	0.017	11
LGMD-06	Soil	0.006	<1	12	9	35	<0.3	11	4	172	1.91	5	4	19	<0.5	<3	<3	35	0.23	0.033	16
LGMD-07	Soil	0.008	1	19	15	58	<0.3	16	9	241	3.75	13	4	25	<0.5	<3	<3	74	0.20	0.037	10
LGMD-08	Soil	<0.005	1	15	16	51	<0.3	14	9	265	3.05	7	5	27	<0.5	<3	<3	64	0.25	0.024	17
LGMD-09	Soil	<0.005	1	12	13	45	<0.3	13	6	212	2.89	9	3	20	<0.5	<3	<3	63	0.19	0.022	12
DMD-01	Soil	<0.005	1	9	8	41	<0.3	10	4	180	2.68	6	3	30	<0.5	<3	<3	58	0.37	0.023	11
DMD-02	Soil	<0.005	1	14	12	51	<0.3	16	7	291	3.44	9	4	21	<0.5	<3	<3	60	0.26	0.023	17
DMD-03	Soil	<0.005	2	11	19	77	<0.3	14	7	427	4.69	7	5	19	<0.5	<3	<3	113	0.16	0.031	11
DMD-04	Soil	<0.005	<1	11	12	59	<0.3	13	7	491	3.13	5	6	32	<0.5	<3	<3	55	0.49	0.090	18
DMD-05	Soil	<0.005	2	20	15	90	<0.3	22	11	542	5.40	6	6	17	<0.5	<3	<3	134	0.12	0.028	10
JUGD-01	Soil	0.007	1	15	15	48	<0.3	14	6	162	1.80	6	9	30	<0.5	<3	<3	31	0.34	0.026	27
JUGD-02	Soil	0.005	<1	22	14	46	<0.3	20	7	206	2.56	8	7	24	<0.5	<3	3	50	0.23	0.013	19
JUGD-03	Soil	0.006	<1	28	12	46	<0.3	23	7	283	2.65	9	5	38	<0.5	<3	<3	56	0.36	0.031	23
JUGD-04	Soil	<0.005	<1	13	16	55	<0.3	18	8	305	3.22	13	4	43	<0.5	<3	<3	74	0.19	0.028	10
JUGD-05	Soil	0.005	<1	18	14	48	<0.3	17	8	280	2.90	8	6	48	<0.5	<3	<3	65	0.24	0.027	24
JUGD-06	Soil	<0.005	<1	15	15	72	<0.3	19	8	289	3.56	11	3	61	<0.5	<3	<3	80	0.22	0.046	11
JUGD-07	Soil	<0.005	<1	18	13	57	<0.3	17	7	310	3.12	9	4	67	<0.5	<3	<3	75	0.32	0.039	19
JUGD-08	Soil	<0.005	<1	14	12	46	<0.3	13	6	318	2.56	6	4	87	<0.5	<3	<3	64	0.31	0.037	19
JUGD-09	Soil	<0.005	2	9	15	38	<0.3	12	5	159	2.96	9	3	22	<0.5	<3	<3	70	0.10	0.027	11
JUGD-10	Soil	<0.005	<1	11	9	38	<0.3	12	6	187	2.15	6	4	36	<0.5	<3	<3	50	0.24	0.024	14
JUGD-11	Soil	<0.005	1	23	15	56	<0.3	18	9	404	3.20	13	6	52	<0.5	<3	<3	71	0.33	0.029	21
JUGD-12	Soil	<0.005	<1	4	4	22	<0.3	5	2	67	0.79	4	10	24	<0.5	<3	<3	14	0.17	0.020	34
JUGD-13	Soil	<0.005	<1	8	12	29	<0.3	7	2	55	0.89	3	7	19	<0.5	<3	<3	14	0.15	0.012	24
JUGD-14	Soil	0.005	<1	9	12	32	<0.3	9	3	88	1.28	5	7	22	<0.5	<3	<3	19	0.18	0.015	24
JUGD-15	Soil	0.014	<1	8	17	33	<0.3	10	2	60	1.17	2	6	21	<0.5	<3	<3	16	0.18	0.015	21
JUGD-16	Soil	<0.005	<1	9	14	37	<0.3	9	3	132	1.35	2	6	17	<0.5	<3	<3	18	0.13	0.009	20

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
LGMD-01	Soil	18	0.76	281	0.180	<20	3.45	<0.01	0.06	<2	<0.05	<1	<5	5	6
LGMD-02	Soil	15	0.44	334	0.059	<20	2.75	<0.01	0.14	<2	<0.05	<1	<5	<5	12
LGMD-03	Soil	31	0.48	345	0.054	<20	2.18	<0.01	0.06	<2	<0.05	<1	<5	<5	6
LGMD-04	Soil	24	0.41	357	0.026	<20	1.67	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
LGMD-05	Soil	26	0.40	258	0.047	<20	1.65	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
LGMD-06	Soil	18	0.30	210	0.031	<20	1.02	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
LGMD-07	Soil	28	0.48	315	0.073	<20	2.74	<0.01	0.05	<2	<0.05	<1	<5	6	<5
LGMD-08	Soil	26	0.47	467	0.078	<20	2.15	<0.01	0.04	<2	<0.05	<1	<5	<5	5
LGMD-09	Soil	23	0.40	313	0.069	<20	1.90	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
DMD-01	Soil	19	0.36	300	0.046	<20	1.53	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
DMD-02	Soil	27	0.40	304	0.037	<20	1.77	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
DMD-03	Soil	33	0.58	392	0.179	<20	2.62	<0.01	0.04	<2	<0.05	<1	<5	8	5
DMD-04	Soil	20	0.31	281	0.035	<20	1.27	<0.01	0.04	<2	<0.05	<1	<5	<5	5
DMD-05	Soil	47	0.97	218	0.138	<20	2.85	<0.01	0.04	<2	<0.05	<1	<5	9	7
JUGD-01	Soil	20	0.29	240	0.011	<20	1.36	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
JUGD-02	Soil	30	0.43	483	0.042	<20	1.75	<0.01	0.06	<2	<0.05	<1	<5	<5	6
JUGD-03	Soil	30	0.51	380	0.073	<20	1.76	0.01	0.04	<2	<0.05	<1	<5	<5	6
JUGD-04	Soil	29	0.49	283	0.068	<20	2.67	<0.01	0.05	<2	<0.05	<1	<5	6	<5
JUGD-05	Soil	28	0.53	285	0.086	<20	2.12	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
JUGD-06	Soil	31	0.52	276	0.081	<20	3.08	0.01	0.04	<2	<0.05	<1	<5	6	<5
JUGD-07	Soil	28	0.56	269	0.089	<20	2.35	0.01	0.04	<2	<0.05	<1	<5	<5	<5
JUGD-08	Soil	24	0.41	216	0.095	<20	1.58	0.02	0.03	<2	<0.05	<1	<5	<5	<5
JUGD-09	Soil	22	0.29	155	0.081	<20	2.31	<0.01	0.04	<2	<0.05	<1	<5	6	<5
JUGD-10	Soil	23	0.41	216	0.073	<20	1.43	0.01	0.03	<2	<0.05	<1	<5	<5	<5
JUGD-11	Soil	37	0.48	340	0.087	<20	2.22	0.01	0.05	<2	<0.05	<1	<5	<5	7
JUGD-12	Soil	7	0.17	171	0.004	<20	0.64	0.01	0.13	<2	<0.05	<1	<5	<5	<5
JUGD-13	Soil	9	0.16	157	0.006	<20	0.70	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
JUGD-14	Soil	11	0.20	187	0.007	<20	0.83	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
JUGD-15	Soil	14	0.17	170	0.006	<20	0.75	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
JUGD-16	Soil	11	0.19	199	0.006	<20	0.89	<0.01	0.12	<2	<0.05	<1	<5	<5	<5

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
JUGD-17	Soil	<0.005	<1	12	14	24	<0.3	6	2	65	0.68	<2	7	17	<0.5	<3	<3	10	0.13	0.007	17
JUGD-18	Soil	0.007	3	18	46	93	<0.3	13	9	1534	5.43	56	7	42	<0.5	<3	<3	85	0.52	0.121	36
JUGD-19	Soil	0.007	2	19	20	87	<0.3	9	11	1451	5.02	12	7	67	<0.5	<3	<3	92	0.98	0.153	38
JUGD-20	Soil	0.010	1	18	17	65	<0.3	13	8	448	3.49	8	6	64	<0.5	<3	<3	63	1.00	0.114	31
JUGD-21	Soil	<0.005	<1	14	10	42	<0.3	13	5	174	1.89	6	4	23	<0.5	<3	<3	34	0.29	0.050	17
JUGD-22	Soil	<0.005	<1	9	17	30	<0.3	7	2	64	1.62	4	<2	16	<0.5	<3	<3	20	0.17	0.022	26
JUGD-23	Soil	<0.005	<1	7	11	26	<0.3	7	3	67	0.59	6	7	13	<0.5	<3	<3	6	0.13	0.010	33
JUGD-24	Soil	<0.005	<1	9	9	29	<0.3	8	4	101	1.58	9	7	8	<0.5	<3	<3	28	0.07	0.009	14
JUGD-25	Soil	<0.005	2	21	21	91	<0.3	17	11	471	5.15	30	4	34	<0.5	<3	<3	76	0.30	0.062	33
JUGD-26	Soil	0.008	<1	21	11	71	<0.3	12	5	212	1.81	13	17	27	<0.5	<3	<3	14	0.29	0.016	41
JUGD-27	Soil	0.009	1	24	11	56	<0.3	22	8	557	2.08	8	<2	103	0.5	<3	<3	32	1.29	0.067	23
JUGD-28	Soil	<0.005	1	10	11	51	<0.3	6	3	130	1.59	<2	5	19	<0.5	<3	<3	20	0.21	0.015	23
JUGD-29	Soil	<0.005	1	12	12	52	<0.3	9	7	193	1.73	3	5	18	<0.5	<3	<3	15	0.20	0.024	28
JUGD-30	Soil	0.005	<1	20	7	65	<0.3	21	8	340	2.26	11	3	42	<0.5	<3	<3	36	0.66	0.074	20
JUGD-31	Soil	<0.005	1	16	14	79	<0.3	19	10	453	4.07	9	2	61	<0.5	<3	<3	94	0.38	0.043	16
JUGD-32	Soil	<0.005	1	12	12	58	<0.3	12	10	1454	3.05	6	2	50	<0.5	<3	<3	76	0.32	0.040	10
JUGD-33	Soil	<0.005	1	14	12	62	<0.3	17	10	745	3.42	8	<2	34	<0.5	<3	<3	79	0.31	0.049	11
JUGD-34	Soil	<0.005	2	14	14	68	<0.3	12	8	635	4.65	6	3	31	<0.5	<3	<3	101	0.31	0.078	12
JUGD-35	Soil	0.015	<1	17	10	54	<0.3	16	7	425	2.68	8	2	46	<0.5	<3	<3	60	0.55	0.064	29
JUGD-36	Soil	0.009	1	32	17	72	<0.3	19	8	364	2.46	6	7	51	<0.5	<3	<3	28	0.67	0.044	39
PMD-01	Soil	<0.005	1	19	11	60	<0.3	22	9	320	3.12	10	3	27	<0.5	<3	<3	71	0.27	0.022	11
PMD-02	Soil	<0.005	1	11	18	91	<0.3	12	10	1388	3.90	3	<2	60	<0.5	<3	<3	77	0.55	0.092	15
PMD-03	Soil	<0.005	1	10	13	70	<0.3	13	8	934	3.34	3	<2	49	<0.5	<3	<3	72	0.40	0.046	17
PMD-04	Soil	<0.005	1	11	31	109	<0.3	16	11	867	3.59	5	<2	65	<0.5	<3	<3	82	0.50	0.099	15
PMD-05	Soil	<0.005	1	12	17	68	<0.3	15	9	608	3.43	8	2	40	<0.5	<3	<3	71	0.34	0.060	15
PMD-06	Soil	0.005	1	14	13	58	<0.3	18	8	384	3.11	9	<2	47	<0.5	<3	<3	67	0.38	0.045	14
PMD-07	Soil	<0.005	1	14	15	72	<0.3	15	11	700	3.58	9	3	80	<0.5	<3	<3	79	0.57	0.061	19
PMD-08	Soil	<0.005	2	12	14	64	<0.3	15	8	392	3.41	8	2	40	<0.5	<3	<3	77	0.29	0.037	11
PMD-09	Soil	<0.005	2	10	8	49	<0.3	11	6	417	2.80	5	2	26	<0.5	<3	<3	57	0.31	0.041	16
PMD-10	Soil	<0.005	2	12	13	59	<0.3	8	7	493	3.21	3	3	46	<0.5	<3	<3	75	0.51	0.049	18

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Project: None Given
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CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
JUGD-17	Soil	8	0.11	181	0.002	<20	0.77	<0.01	0.16	<2	<0.05	<1	<5	<5	<5
JUGD-18	Soil	20	0.54	515	0.017	<20	2.39	<0.01	0.06	<2	<0.05	<1	<5	<5	12
JUGD-19	Soil	15	0.83	280	0.004	<20	2.48	0.01	0.06	<2	<0.05	<1	<5	<5	11
JUGD-20	Soil	18	0.55	252	0.008	<20	2.13	<0.01	0.09	<2	<0.05	<1	<5	<5	8
JUGD-21	Soil	18	0.39	214	0.037	<20	1.14	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
JUGD-22	Soil	10	0.17	214	0.005	<20	0.84	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
JUGD-23	Soil	7	0.07	181	0.001	<20	0.41	<0.01	0.17	<2	<0.05	<1	<5	<5	<5
JUGD-24	Soil	15	0.19	141	0.020	<20	1.08	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
JUGD-25	Soil	30	0.39	301	0.017	<20	2.21	<0.01	0.05	<2	<0.05	<1	<5	7	10
JUGD-26	Soil	10	0.14	159	0.003	<20	0.67	0.01	0.11	<2	<0.05	<1	<5	<5	<5
JUGD-27	Soil	19	0.32	419	0.010	<20	1.18	0.02	0.10	<2	<0.05	<1	<5	<5	<5
JUGD-28	Soil	9	0.23	178	0.009	<20	0.92	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
JUGD-29	Soil	9	0.32	271	0.004	<20	1.12	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
JUGD-30	Soil	24	0.44	304	0.021	<20	1.48	0.01	0.08	<2	<0.05	<1	<5	5	<5
JUGD-31	Soil	34	0.68	352	0.053	<20	3.37	<0.01	0.05	<2	<0.05	<1	<5	9	6
JUGD-32	Soil	24	0.46	358	0.031	<20	2.16	<0.01	0.04	<2	<0.05	<1	<5	8	<5
JUGD-33	Soil	29	0.56	301	0.042	<20	2.38	<0.01	0.05	<2	<0.05	<1	<5	7	<5
JUGD-34	Soil	23	0.53	234	0.024	<20	2.76	<0.01	0.05	<2	<0.05	<1	<5	10	6
JUGD-35	Soil	27	0.58	340	0.053	<20	1.89	0.01	0.05	<2	<0.05	<1	<5	6	6
JUGD-36	Soil	21	0.39	328	0.006	<20	1.62	<0.01	0.14	<2	<0.05	<1	<5	5	<5
PMD-01	Soil	38	0.54	351	0.060	<20	2.37	<0.01	0.04	<2	<0.05	<1	<5	5	<5
PMD-02	Soil	27	0.49	418	0.037	<20	2.91	<0.01	0.09	<2	<0.05	<1	<5	10	7
PMD-03	Soil	25	0.46	360	0.059	<20	2.24	<0.01	0.07	<2	<0.05	<1	<5	6	5
PMD-04	Soil	36	0.54	492	0.093	<20	3.04	<0.01	0.15	<2	<0.05	<1	<5	8	6
PMD-05	Soil	26	0.52	397	0.056	<20	2.61	<0.01	0.10	<2	<0.05	<1	<5	6	6
PMD-06	Soil	31	0.52	388	0.053	<20	2.30	<0.01	0.06	<2	<0.05	<1	<5	5	<5
PMD-07	Soil	26	0.69	420	0.070	<20	3.02	<0.01	0.10	<2	<0.05	<1	<5	8	7
PMD-08	Soil	27	0.50	300	0.077	<20	2.49	<0.01	0.06	<2	<0.05	<1	<5	6	<5
PMD-09	Soil	23	0.38	251	0.037	<20	1.46	<0.01	0.05	<2	<0.05	<1	<5	6	<5
PMD-10	Soil	20	0.55	509	0.051	<20	1.94	<0.01	0.05	<2	<0.05	<1	<5	7	<5

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Project: None Given
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CERTIFICATE OF ANALYSIS WHI17000742.1

Method		FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
PMD-11	Soil	<0.005	1	15	11	70	<0.3	12	8	479	3.71	2	4	32	<0.5	<3	<3	67	0.62	0.070	37
PMD-12	Soil	<0.005	<1	21	10	57	<0.3	21	9	427	2.54	9	<2	50	<0.5	<3	<3	48	0.65	0.054	19
PMD-13	Soil	0.010	<1	16	8	60	<0.3	17	8	645	3.03	5	2	27	<0.5	<3	<3	56	0.38	0.048	27
PMD-14	Soil	<0.005	<1	15	10	61	<0.3	18	8	606	3.03	5	<2	23	<0.5	<3	<3	62	0.31	0.052	22
PMD-15	Soil	<0.005	1	14	15	80	<0.3	11	9	1101	4.06	3	5	30	<0.5	<3	<3	86	0.51	0.105	29
PMD-16	Soil	<0.005	1	19	20	99	<0.3	12	10	1042	4.19	3	8	41	<0.5	<3	<3	83	0.78	0.170	47
PMD-17	Soil	<0.005	2	17	25	143	<0.3	18	13	1614	5.94	2	9	45	<0.5	<3	<3	95	0.80	0.179	45
PMD-18	Soil	<0.005	1	23	15	86	<0.3	12	9	974	3.97	3	6	42	<0.5	<3	<3	69	0.67	0.155	51
PMD-19	Soil	<0.005	1	16	13	92	<0.3	9	9	870	3.95	4	8	40	<0.5	<3	<3	65	0.61	0.158	49
PMD-20	Soil	0.006	<1	18	16	76	<0.3	16	10	1034	3.56	7	5	37	<0.5	<3	<3	77	0.46	0.105	30
PMD-21	Soil	<0.005	<1	23	10	54	<0.3	17	8	299	2.84	8	3	26	<0.5	<3	<3	67	0.19	0.018	28
PMD-22	Soil	<0.005	1	14	18	77	<0.3	17	9	687	3.28	9	<2	46	<0.5	<3	<3	79	0.36	0.039	14
PMD-23	Soil	<0.005	<1	8	12	58	<0.3	14	8	561	2.67	5	<2	23	<0.5	<3	<3	56	0.22	0.065	10
PMD-24	Soil	<0.005	<1	16	12	50	<0.3	18	8	431	2.74	8	<2	35	<0.5	<3	<3	52	0.50	0.028	17
PMD-25	Soil	<0.005	<1	6	8	22	<0.3	8	3	105	1.44	3	<2	14	<0.5	<3	<3	30	0.16	0.009	14
PMD-26	Soil	<0.005	<1	11	13	29	<0.3	8	2	83	1.23	5	5	20	<0.5	<3	<3	19	0.21	0.021	27
PMD-27	Soil	<0.005	<1	12	10	28	<0.3	10	3	125	1.50	4	<2	17	<0.5	<3	<3	28	0.22	0.043	16
PMD-28	Soil	0.005	<1	11	20	30	<0.3	7	2	63	1.02	4	4	14	<0.5	<3	<3	15	0.14	0.017	27
PMD-29	Soil	<0.005	<1	7	42	32	<0.3	9	3	159	1.36	5	4	10	<0.5	<3	<3	21	0.12	0.011	20
PMD-30	Soil	<0.005	<1	9	14	52	<0.3	12	8	974	2.88	6	<2	25	<0.5	<3	<3	66	0.21	0.053	8
PMD-31	Soil	0.005	1	12	22	62	<0.3	10	8	379	3.60	13	3	46	<0.5	<3	<3	77	0.44	0.070	12
PMD-32	Soil	<0.005	<1	13	11	48	<0.3	16	9	330	2.78	10	2	29	<0.5	<3	<3	58	0.39	0.016	20
PMD-33	Soil	0.006	<1	28	10	54	<0.3	23	9	726	2.40	7	<2	63	<0.5	<3	<3	48	1.09	0.090	17
PMD-34	Soil	<0.005	<1	4	14	15	<0.3	3	2	38	0.39	6	6	5	<0.5	<3	<3	7	0.05	0.006	22
PMD-36	Soil	<0.005	<1	8	21	25	<0.3	7	3	129	0.89	8	3	29	<0.5	<3	<3	12	0.20	0.017	19
TGMD-01	Soil	<0.005	1	11	22	82	<0.3	10	8	574	3.08	7	<2	35	<0.5	<3	<3	70	0.52	0.088	15
TGMD-02	Soil	<0.005	1	10	20	94	<0.3	12	9	600	2.95	6	2	32	<0.5	<3	<3	65	0.44	0.065	12
TGMD-03	Soil	0.010	<1	25	18	66	<0.3	19	9	726	2.71	7	<2	54	<0.5	<3	<3	60	0.73	0.076	22
TGMD-04	Soil	0.006	1	22	22	69	<0.3	17	8	377	3.04	9	<2	35	<0.5	<3	<3	67	0.60	0.099	20
TGMD-05	Soil	0.006	1	16	23	75	<0.3	15	9	420	3.33	8	3	44	<0.5	<3	<3	76	0.65	0.078	19

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
PMD-11	Soil	22	0.60	298	0.032	<20	1.85	<0.01	0.05	<2	<0.05	<1	<5	8	9
PMD-12	Soil	25	0.52	331	0.045	<20	1.25	0.02	0.05	<2	<0.05	<1	<5	5	<5
PMD-13	Soil	31	0.64	273	0.033	<20	1.84	<0.01	0.08	<2	<0.05	<1	<5	7	7
PMD-14	Soil	27	0.63	235	0.033	<20	1.93	<0.01	0.05	<2	<0.05	<1	<5	8	5
PMD-15	Soil	22	0.95	232	0.016	<20	1.91	<0.01	0.04	<2	<0.05	<1	<5	8	8
PMD-16	Soil	19	0.42	277	0.035	<20	1.16	<0.01	0.06	<2	<0.05	<1	<5	5	9
PMD-17	Soil	21	0.21	334	0.009	<20	1.05	<0.01	0.10	<2	<0.05	<1	<5	<5	14
PMD-18	Soil	24	0.37	311	0.029	<20	1.21	<0.01	0.04	<2	<0.05	<1	<5	6	7
PMD-19	Soil	17	0.67	374	0.015	<20	1.71	<0.01	0.10	<2	<0.05	<1	<5	8	9
PMD-20	Soil	25	0.66	339	0.056	<20	2.08	<0.01	0.04	<2	<0.05	<1	<5	6	7
PMD-21	Soil	37	0.50	295	0.060	<20	2.09	<0.01	0.04	<2	<0.05	<1	<5	<5	6
PMD-22	Soil	36	0.63	410	0.078	<20	2.52	<0.01	0.04	<2	<0.05	<1	<5	8	6
PMD-23	Soil	25	0.44	307	0.044	<20	1.75	<0.01	0.08	<2	<0.05	<1	<5	5	<5
PMD-24	Soil	28	0.44	351	0.047	<20	1.65	<0.01	0.07	<2	<0.05	<1	<5	<5	6
PMD-25	Soil	16	0.28	182	0.026	<20	0.80	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
PMD-26	Soil	12	0.19	276	0.009	<20	0.69	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
PMD-27	Soil	16	0.28	182	0.026	<20	0.83	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
PMD-28	Soil	11	0.13	174	0.005	<20	0.54	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
PMD-29	Soil	11	0.19	139	0.017	<20	0.56	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
PMD-30	Soil	21	0.34	356	0.040	<20	1.75	<0.01	0.04	<2	<0.05	<1	<5	7	<5
PMD-31	Soil	16	0.57	409	0.014	<20	2.49	<0.01	0.03	<2	<0.05	<1	<5	9	<5
PMD-32	Soil	28	0.47	251	0.040	<20	1.81	<0.01	0.05	<2	<0.05	<1	<5	<5	5
PMD-33	Soil	24	0.53	353	0.041	<20	1.45	0.02	0.05	<2	<0.05	<1	<5	<5	<5
PMD-34	Soil	4	0.06	126	0.007	<20	0.26	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
PMD-36	Soil	9	0.10	270	0.005	<20	0.51	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
TGMD-01	Soil	19	0.57	313	0.122	<20	1.51	0.01	0.10	<2	<0.05	<1	<5	<5	<5
TGMD-02	Soil	22	0.53	381	0.099	<20	1.70	0.01	0.10	<2	<0.05	<1	<5	6	<5
TGMD-03	Soil	22	0.48	452	0.097	<20	1.64	0.02	0.04	<2	<0.05	<1	<5	<5	5
TGMD-04	Soil	24	0.48	307	0.114	<20	1.46	0.02	0.10	<2	<0.05	<1	<5	<5	5
TGMD-05	Soil	23	0.56	385	0.150	<20	1.98	0.02	0.08	<2	<0.05	<1	<5	5	5

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
TGMD-06	Soil	<0.005	<1	21	14	52	<0.3	15	8	330	2.48	7	2	31	<0.5	<3	<3	61	0.36	0.044	19
TGMD-07	Soil	0.005	<1	19	14	51	<0.3	15	7	256	2.53	7	<2	31	<0.5	<3	<3	61	0.35	0.027	15
TGMD-08	Soil	<0.005	<1	15	14	51	<0.3	12	6	268	2.49	6	3	31	<0.5	<3	<3	70	0.29	0.053	17
TGMD-09	Soil	0.010	<1	16	15	52	<0.3	13	6	221	2.53	6	4	34	<0.5	<3	<3	65	0.28	0.035	18
TGMD-10	Soil	<0.005	<1	17	16	56	<0.3	15	7	308	2.78	9	2	30	<0.5	<3	<3	69	0.26	0.041	15
TGMD-11	Soil	<0.005	<1	21	20	71	<0.3	16	9	415	3.43	10	5	45	<0.5	<3	<3	79	0.43	0.069	26
TGMD-12	Soil	<0.005	1	15	15	53	<0.3	16	9	598	2.77	11	<2	29	<0.5	<3	<3	69	0.22	0.031	11
TGMD-13	Soil	0.007	<1	15	16	60	<0.3	13	8	647	2.34	8	2	64	<0.5	<3	<3	64	0.35	0.080	20
TGMD-14	Soil	<0.005	1	11	21	53	<0.3	14	7	184	2.72	11	<2	41	<0.5	<3	<3	71	0.15	0.036	8
TGMD-15	Soil	<0.005	<1	16	19	51	<0.3	17	8	238	2.88	11	3	28	<0.5	<3	<3	73	0.20	0.024	15
TGMD-16	Soil	<0.005	<1	21	15	51	<0.3	18	8	236	2.96	9	5	40	<0.5	<3	<3	71	0.26	0.018	24
TGMD-17	Soil	<0.005	1	13	21	73	<0.3	17	10	329	3.53	12	<2	26	<0.5	<3	<3	81	0.14	0.099	9
TGMD-18	Soil	<0.005	<1	10	14	60	<0.3	15	9	763	2.90	8	<2	31	<0.5	<3	<3	72	0.19	0.037	9
TGMD-19	Soil	<0.005	1	11	15	54	<0.3	15	7	224	3.13	9	<2	27	<0.5	<3	<3	78	0.18	0.033	10
TGMD-20	Soil	<0.005	2	12	32	89	<0.3	12	10	939	4.47	9	2	52	<0.5	<3	<3	104	0.37	0.084	11
TGMD-21	Soil	<0.005	1	15	36	99	<0.3	11	10	254	5.03	7	5	54	<0.5	<3	<3	123	0.44	0.119	24
TGMD-22	Soil	<0.005	1	12	21	93	<0.3	12	9	1123	3.66	7	<2	34	<0.5	<3	<3	78	0.27	0.100	13
TGMD-23	Soil	<0.005	1	13	29	93	<0.3	11	8	427	4.69	11	3	73	<0.5	<3	<3	91	0.47	0.150	14
TGMD-24	Soil	<0.005	1	12	12	51	<0.3	15	7	253	2.87	7	<2	21	<0.5	<3	<3	67	0.16	0.031	13
TGMD-25	Soil	<0.005	<1	19	13	65	<0.3	22	9	395	3.17	10	3	31	<0.5	<3	<3	61	0.35	0.062	19
TGMD-26	Soil	<0.005	<1	21	11	51	<0.3	22	8	227	3.12	12	<2	24	<0.5	<3	<3	62	0.27	0.030	13
TGMD-27	Soil	0.007	<1	31	11	43	<0.3	23	8	367	2.42	8	2	33	<0.5	<3	<3	42	0.46	0.044	18
TGMD-28	Soil	0.005	<1	17	10	34	<0.3	15	7	158	1.89	6	3	18	<0.5	<3	<3	43	0.18	0.009	16
TGMD-29	Soil	<0.005	<1	18	12	37	<0.3	14	5	149	1.96	7	3	21	<0.5	<3	<3	41	0.27	0.023	15
TGMD-30	Soil	0.006	<1	21	8	40	<0.3	17	5	206	2.15	6	2	25	<0.5	<3	<3	39	0.31	0.028	16
TGMD-31	Soil	<0.005	<1	20	10	47	<0.3	16	6	253	2.29	8	2	32	<0.5	<3	<3	41	0.40	0.044	18
TGMD-32	Soil	<0.005	<1	21	14	55	<0.3	16	8	411	2.69	8	<2	39	<0.5	<3	<3	56	0.51	0.079	20
TGMD-33	Soil	0.007	<1	25	13	59	<0.3	20	8	333	2.66	10	<2	39	<0.5	<3	<3	53	0.51	0.082	19
TGMD-34	Soil	<0.005	<1	10	11	43	<0.3	11	5	167	2.34	8	<2	19	<0.5	<3	<3	57	0.21	0.023	11
TGMD-35	Soil	<0.005	1	24	13	50	<0.3	17	9	227	2.88	9	3	29	<0.5	<3	<3	63	0.31	0.020	24

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
TGMD-06	Soil		23	0.47	349	0.121	<20	1.59	0.01	0.06	<2	<0.05	<1	<5	<5	5
TGMD-07	Soil		24	0.46	319	0.123	<20	1.80	0.01	0.05	<2	<0.05	<1	<5	<5	<5
TGMD-08	Soil		20	0.38	221	0.131	<20	1.39	0.01	0.06	<2	<0.05	<1	<5	<5	<5
TGMD-09	Soil		22	0.42	245	0.116	<20	1.60	0.01	0.04	<2	<0.05	<1	<5	<5	<5
TGMD-10	Soil		25	0.47	258	0.115	<20	1.83	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
TGMD-11	Soil		22	0.50	298	0.115	<20	1.94	0.01	0.06	<2	<0.05	<1	<5	<5	7
TGMD-12	Soil		31	0.41	402	0.069	<20	2.12	<0.01	0.05	<2	<0.05	<1	<5	5	<5
TGMD-13	Soil		21	0.35	185	0.102	<20	1.32	0.01	0.07	<2	<0.05	<1	<5	<5	<5
TGMD-14	Soil		23	0.38	266	0.093	<20	2.32	<0.01	0.04	<2	<0.05	<1	<5	5	<5
TGMD-15	Soil		28	0.49	289	0.097	<20	2.09	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
TGMD-16	Soil		31	0.51	352	0.091	<20	2.14	<0.01	0.04	<2	<0.05	<1	<5	<5	6
TGMD-17	Soil		24	0.41	304	0.080	<20	2.66	<0.01	0.05	<2	<0.05	<1	<5	8	<5
TGMD-18	Soil		26	0.38	362	0.061	<20	2.07	<0.01	0.04	<2	<0.05	<1	<5	5	<5
TGMD-19	Soil		27	0.44	339	0.068	<20	2.41	<0.01	0.04	<2	<0.05	<1	<5	7	<5
TGMD-20	Soil		22	0.47	312	0.096	<20	2.85	<0.01	0.05	<2	<0.05	<1	<5	9	7
TGMD-21	Soil		22	0.90	313	0.163	<20	2.85	<0.01	0.09	<2	<0.05	<1	<5	8	10
TGMD-22	Soil		19	0.57	255	0.092	<20	2.12	<0.01	0.06	<2	<0.05	<1	<5	8	<5
TGMD-23	Soil		19	0.80	450	0.110	<20	3.04	<0.01	0.10	<2	<0.05	<1	<5	9	9
TGMD-24	Soil		27	0.45	174	0.051	<20	1.98	<0.01	0.04	<2	<0.05	<1	<5	6	<5
TGMD-25	Soil		31	0.53	377	0.048	<20	1.97	<0.01	0.06	<2	<0.05	<1	<5	<5	7
TGMD-26	Soil		36	0.52	223	0.060	<20	2.05	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
TGMD-27	Soil		24	0.40	520	0.016	<20	1.68	<0.01	0.07	<2	<0.05	<1	<5	5	6
TGMD-28	Soil		22	0.34	237	0.048	<20	1.28	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
TGMD-29	Soil		21	0.34	269	0.037	<20	1.21	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
TGMD-30	Soil		23	0.37	355	0.034	<20	1.29	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
TGMD-31	Soil		22	0.36	370	0.034	<20	1.24	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
TGMD-32	Soil		23	0.46	449	0.059	<20	1.50	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
TGMD-33	Soil		24	0.44	413	0.058	<20	1.37	0.01	0.05	<2	<0.05	<1	<5	<5	<5
TGMD-34	Soil		22	0.38	247	0.062	<20	1.57	<0.01	0.06	<2	<0.05	<1	<5	5	<5
TGMD-35	Soil		30	0.48	477	0.068	<20	1.95	<0.01	0.05	<2	<0.05	<1	<5	<5	8

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CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
TGMD-36	Soil	<0.005	1	16	13	50	<0.3	13	7	237	2.68	9	<2	25	<0.5	<3	<3	64	0.26	0.027	20
TGMD-37	Soil	<0.005	1	18	14	53	<0.3	14	8	272	3.16	9	4	30	<0.5	<3	<3	70	0.27	0.022	23
TGMD-38	Soil	<0.005	1	14	15	54	<0.3	13	8	306	3.20	9	<2	34	<0.5	<3	<3	73	0.33	0.044	16
TGMD-39	Soil	<0.005	<1	25	16	60	<0.3	17	9	293	3.39	8	4	31	<0.5	<3	<3	75	0.29	0.027	25
TGMD-40	Soil	<0.005	1	14	14	50	<0.3	13	8	506	2.71	7	<2	32	<0.5	<3	<3	65	0.40	0.058	17
BOGD-01	Soil	0.034	5	18	34	109	<0.3	14	11	583	3.68	29	<2	41	<0.5	<3	<3	57	0.22	0.052	20
BOGD-02	Soil	0.019	4	16	33	106	0.5	14	6	445	3.28	156	4	34	<0.5	<3	<3	49	0.18	0.055	17
BOGD-03	Soil	0.024	3	22	35	84	1.0	17	9	566	3.12	316	3	40	<0.5	<3	<3	47	0.17	0.055	18
BOGD-04	Soil	0.030	3	18	21	64	<0.3	16	7	239	2.99	79	7	35	<0.5	<3	<3	41	0.16	0.022	23
BOGD-05	Soil	0.008	2	13	27	60	0.3	12	6	377	2.73	31	2	28	<0.5	<3	<3	47	0.23	0.044	20
BOGD-06	Soil	<0.005	1	19	17	57	<0.3	20	9	269	3.06	71	4	14	<0.5	<3	<3	55	0.09	0.019	14
BOGD-06A	Soil	<0.005	2	17	37	85	<0.3	13	11	344	4.61	6	4	33	<0.5	<3	<3	100	0.19	0.038	15
BOGD-07	Soil	<0.005	1	16	14	60	<0.3	16	11	366	4.00	7	3	30	<0.5	<3	<3	93	0.26	0.080	14
BOGD-10	Soil	<0.005	<1	18	9	57	<0.3	17	7	310	2.45	8	3	43	<0.5	<3	<3	51	0.46	0.040	19
BOGD-11	Soil	<0.005	<1	10	11	32	<0.3	9	4	104	1.25	4	6	14	<0.5	<3	<3	20	0.14	0.020	21
BOGD-12	Soil	<0.005	<1	8	9	26	<0.3	7	3	67	0.88	4	7	11	<0.5	<3	<3	13	0.09	0.011	22
BOGD-13	Soil	<0.005	<1	11	10	39	<0.3	10	4	195	1.68	9	9	17	<0.5	<3	<3	30	0.20	0.020	30
BOGD-14	Soil	<0.005	1	8	11	50	<0.3	11	6	172	1.67	8	7	17	<0.5	<3	<3	35	0.20	0.018	43
GJUD-01	Soil	0.041	7	17	25	157	<0.3	15	10	559	3.89	25	2	58	<0.5	<3	<3	61	0.18	0.066	16
GJUD-02	Soil	0.021	3	18	35	101	0.3	18	9	431	3.46	118	2	24	<0.5	<3	<3	52	0.09	0.063	17
GJUD-03	Soil	0.016	3	16	21	57	0.4	18	10	343	2.89	54	<2	30	<0.5	<3	<3	52	0.15	0.043	14
GJUD-04	Soil	0.007	2	19	66	97	0.7	15	9	694	2.94	313	<2	30	0.6	<3	<3	43	0.19	0.059	22
GJUD-05	Soil	0.006	1	14	20	50	0.3	13	6	180	2.55	14	<2	16	<0.5	<3	<3	55	0.13	0.039	15
GJUD-06	Soil	0.005	2	15	21	72	<0.3	16	9	512	3.76	26	<2	23	<0.5	<3	<3	60	0.15	0.104	16
GJUD-07	Soil	0.009	2	23	23	72	<0.3	14	5	175	3.88	70	8	52	<0.5	<3	<3	37	0.10	0.048	27
GJUD-08	Soil	<0.005	<1	22	21	56	<0.3	21	9	438	3.31	51	7	27	<0.5	<3	<3	41	0.15	0.032	22
GJUD-09	Soil	<0.005	1	20	21	81	<0.3	17	10	490	3.52	38	7	44	<0.5	<3	<3	57	0.26	0.062	25
GJUD-10	Soil	0.007	2	23	24	56	<0.3	19	16	629	3.47	49	7	78	<0.5	<3	<3	48	0.12	0.027	20
GJUD-11	Soil	0.005	1	28	36	84	0.3	17	10	944	3.45	52	4	53	<0.5	<3	3	56	0.27	0.064	22
GJUD-12	Soil	0.009	2	22	23	63	<0.3	15	8	290	3.77	114	6	42	<0.5	<3	<3	49	0.19	0.058	24

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
TGMD-36	Soil	23	0.45	474	0.076	<20	1.64	<0.01	0.04	<2	<0.05	<1	<5	<5	5
TGMD-37	Soil	28	0.51	552	0.073	<20	2.21	<0.01	0.05	<2	<0.05	<1	<5	<5	7
TGMD-38	Soil	25	0.51	489	0.082	<20	2.20	<0.01	0.05	<2	<0.05	<1	<5	5	5
TGMD-39	Soil	26	0.59	486	0.115	<20	2.33	<0.01	0.06	<2	<0.05	<1	<5	6	9
TGMD-40	Soil	22	0.44	350	0.076	<20	1.89	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
BOGD-01	Soil	21	0.50	187	0.037	<20	1.67	<0.01	0.04	<2	<0.05	<1	<5	6	<5
BOGD-02	Soil	20	0.37	160	0.025	<20	1.68	<0.01	0.05	<2	<0.05	<1	<5	5	<5
BOGD-03	Soil	21	0.38	242	0.022	<20	1.74	<0.01	0.07	<2	<0.05	<1	<5	6	<5
BOGD-04	Soil	20	0.39	209	0.029	<20	1.40	0.01	0.05	<2	<0.05	<1	<5	5	<5
BOGD-05	Soil	19	0.35	224	0.028	<20	1.46	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BOGD-06	Soil	31	0.44	164	0.047	<20	2.19	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
BOGD-06A	Soil	22	0.80	457	0.091	<20	3.97	<0.01	0.05	<2	<0.05	<1	<5	10	10
BOGD-07	Soil	24	0.84	424	0.099	<20	2.91	<0.01	0.11	<2	<0.05	<1	<5	6	8
BOGD-10	Soil	26	0.50	371	0.038	<20	1.92	<0.01	0.06	<2	<0.05	<1	<5	5	<5
BOGD-11	Soil	13	0.23	176	0.012	<20	0.81	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
BOGD-12	Soil	8	0.15	170	0.005	<20	0.69	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
BOGD-13	Soil	14	0.31	382	0.006	<20	1.39	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
BOGD-14	Soil	15	0.29	175	0.020	<20	1.10	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GJUD-01	Soil	23	0.50	197	0.036	<20	2.36	<0.01	0.06	<2	<0.05	<1	<5	8	<5
GJUD-02	Soil	21	0.44	147	0.025	<20	1.86	<0.01	0.06	<2	<0.05	<1	<5	7	<5
GJUD-03	Soil	24	0.47	200	0.026	<20	2.10	<0.01	0.05	<2	<0.05	<1	<5	6	<5
GJUD-04	Soil	19	0.31	218	0.015	<20	1.34	<0.01	0.07	<2	<0.05	<1	<5	6	<5
GJUD-05	Soil	23	0.35	177	0.034	<20	1.61	<0.01	0.05	<2	<0.05	<1	<5	6	<5
GJUD-06	Soil	24	0.39	221	0.033	<20	1.66	0.01	0.08	<2	<0.05	<1	<5	6	<5
GJUD-07	Soil	17	0.26	129	0.029	<20	1.27	0.04	0.05	<2	0.11	<1	<5	<5	<5
GJUD-08	Soil	22	0.38	187	0.041	<20	1.53	0.01	0.04	<2	<0.05	<1	<5	<5	<5
GJUD-09	Soil	22	0.57	236	0.048	<20	2.05	0.01	0.07	<2	<0.05	<1	<5	<5	<5
GJUD-10	Soil	21	0.42	232	0.041	<20	1.82	0.01	0.07	<2	<0.05	<1	<5	<5	<5
GJUD-11	Soil	20	0.41	192	0.074	<20	1.99	0.01	0.07	<2	<0.05	<1	<5	<5	<5
GJUD-12	Soil	19	0.34	167	0.033	<20	1.89	0.01	0.08	<2	<0.05	<1	<5	<5	<5

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

Method		FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
GJUD-13	Soil	<0.005	1	21	16	54	<0.3	17	7	361	2.95	31	7	31	<0.5	<3	3	47	0.25	0.056	26
GJUD-14	Soil	0.017	2	27	31	83	<0.3	21	10	306	3.60	94	6	39	<0.5	<3	<3	61	0.44	0.070	30
GJUD-15	Soil	0.012	1	23	14	50	<0.3	16	7	223	2.62	18	6	28	<0.5	<3	<3	48	0.31	0.055	25
GJUD-16	Soil	0.009	1	12	13	62	<0.3	17	12	506	2.65	16	5	19	<0.5	<3	<3	45	0.21	0.050	18
GJUD-17	Soil	0.011	1	19	17	60	<0.3	18	9	441	2.60	15	5	26	<0.5	<3	<3	43	0.28	0.047	23
GJUD-18	Soil	0.007	<1	13	10	51	<0.3	17	6	183	2.29	10	4	18	<0.5	<3	<3	43	0.20	0.036	16
GJUD-19	Soil	<0.005	<1	12	12	54	<0.3	15	7	382	2.62	12	5	18	<0.5	<3	<3	44	0.19	0.026	17
GJUD-20	Soil	<0.005	1	20	22	76	<0.3	14	8	589	4.35	10	9	52	<0.5	<3	<3	73	0.49	0.120	39
GJUD-21	Soil	<0.005	1	15	15	64	<0.3	14	9	582	3.90	12	7	47	<0.5	<3	<3	84	0.38	0.070	23
GJUD-22	Soil	<0.005	2	16	27	83	<0.3	11	10	1115	5.20	8	11	198	<0.5	<3	<3	128	0.68	0.179	44
GJUD-23	Soil	<0.005	2	16	22	74	<0.3	11	11	827	5.46	11	11	56	<0.5	<3	<3	115	0.50	0.155	36
GJUD-24	Soil	<0.005	1	12	13	46	<0.3	15	7	252	3.14	10	4	22	<0.5	<3	<3	68	0.17	0.037	13
GJUD-25	Soil	0.009	1	33	11	78	<0.3	24	9	357	3.58	13	6	44	<0.5	<3	<3	71	0.40	0.043	23
GJUD-26	Soil	<0.005	2	15	35	115	<0.3	11	10	667	5.90	17	9	37	<0.5	<3	<3	88	0.39	0.125	39
GJUD-27	Soil	<0.005	<1	13	15	42	<0.3	9	7	385	1.94	7	3	19	<0.5	<3	<3	48	0.26	0.075	25
GJUD-28	Soil	<0.005	2	18	19	85	<0.3	13	8	467	5.05	9	8	38	<0.5	<3	<3	85	0.35	0.069	30
GJUD-29	Soil	<0.005	2	21	28	95	<0.3	9	10	219	6.26	7	12	32	<0.5	<3	<3	96	0.28	0.060	50
GJUD-30	Soil	<0.005	1	9	24	100	1.3	8	9	1385	2.99	197	4	17	<0.5	<3	<3	58	0.21	0.086	14
GJUD-31	Soil	0.006	1	7	11	62	<0.3	8	5	290	3.80	8	4	15	<0.5	<3	<3	59	0.12	0.111	11
GJUD-32	Soil	<0.005	1	8	12	54	<0.3	10	5	247	3.38	5	3	14	<0.5	<3	<3	64	0.16	0.037	14
GJUD-33	Soil	<0.005	2	11	29	121	<0.3	10	8	899	4.46	51	5	25	<0.5	<3	<3	66	0.22	0.057	32
GJUD-34	Soil	<0.005	2	8	10	43	<0.3	11	6	263	3.29	7	<2	18	<0.5	<3	<3	70	0.17	0.059	10
GJUD-35	Soil	0.007	1	20	13	72	<0.3	15	8	564	3.69	9	8	38	<0.5	<3	<3	72	0.43	0.057	28
GJUD-36	Soil	<0.005	<1	9	10	40	<0.3	11	5	229	2.58	5	3	25	<0.5	<3	<3	55	0.26	0.039	14

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Project: None Given
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000742.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
GJUD-13	Soil	18	0.37	228	0.044	<20	1.44	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
GJUD-14	Soil	26	0.45	332	0.054	<20	2.17	<0.01	0.06	<2	<0.05	<1	<5	<5	6
GJUD-15	Soil	23	0.41	305	0.056	<20	1.84	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GJUD-16	Soil	20	0.36	125	0.041	<20	1.38	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GJUD-17	Soil	22	0.40	250	0.030	<20	1.64	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GJUD-18	Soil	21	0.40	182	0.038	<20	1.56	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
GJUD-19	Soil	21	0.38	204	0.026	<20	1.68	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
GJUD-20	Soil	19	0.43	509	0.043	<20	1.97	<0.01	0.07	<2	<0.05	<1	<5	<5	10
GJUD-21	Soil	28	0.55	580	0.083	<20	2.14	0.01	0.09	<2	<0.05	<1	<5	<5	8
GJUD-22	Soil	19	0.86	1182	0.127	<20	2.74	0.02	0.21	<2	<0.05	<1	<5	<5	13
GJUD-23	Soil	19	0.83	641	0.128	<20	2.90	0.02	0.14	<2	<0.05	<1	<5	<5	14
GJUD-24	Soil	28	0.40	296	0.054	<20	1.96	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GJUD-25	Soil	37	0.64	364	0.079	<20	1.95	0.01	0.07	<2	<0.05	<1	<5	<5	8
GJUD-26	Soil	14	0.30	440	0.027	<20	2.04	<0.01	0.08	<2	<0.05	<1	<5	<5	13
GJUD-27	Soil	14	0.21	183	0.053	<20	0.83	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
GJUD-28	Soil	23	0.51	466	0.041	<20	2.35	<0.01	0.07	<2	<0.05	<1	<5	<5	11
GJUD-29	Soil	14	0.26	326	0.026	<20	2.11	<0.01	0.04	<2	<0.05	<1	<5	<5	15
GJUD-30	Soil	16	0.20	217	0.020	<20	1.15	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
GJUD-31	Soil	14	0.15	188	0.007	<20	1.35	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
GJUD-32	Soil	18	0.22	217	0.013	<20	1.52	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
GJUD-33	Soil	15	0.20	247	0.008	<20	1.66	<0.01	0.07	<2	<0.05	<1	<5	<5	8
GJUD-34	Soil	20	0.33	172	0.030	<20	1.52	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
GJUD-35	Soil	27	0.57	414	0.045	<20	2.24	<0.01	0.05	<2	<0.05	<1	<5	<5	10
GJUD-36	Soil	18	0.39	257	0.047	<20	1.72	<0.01	0.05	<2	<0.05	<1	<5	<5	<5