2018 Field Season

Geochemical Sampling And Prospecting Report On The Grabben Property

Claims
Sask-1 to 20: YE78821 to 840,
Basal 1 to 10: YF49070 to 079,
Uran 1 to 8: YF49080 to 087,
Nug 1 to 3: YE90324 to 326

Located In
Dawson Mining District

On
NTS 115-O-11
At
63º 40’ north and 139º 6’ west

By
Bernie Kreft
November 30th, 2018

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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 to the project was achieved by helicopter from Dawson City with a one-way distance of approximately 45 kilometres resulting in an approximate 20 minute one-way flight. Several shutdown style helicopter pads have been constructed proximal to the various work areas to provide ready access to these sites. 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 passing within approximately 3.5 kilometres of the soil grid at Grabben North.

Topography And Vegetation – The property lies within the un-glaciated Klondike Plateau, 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.

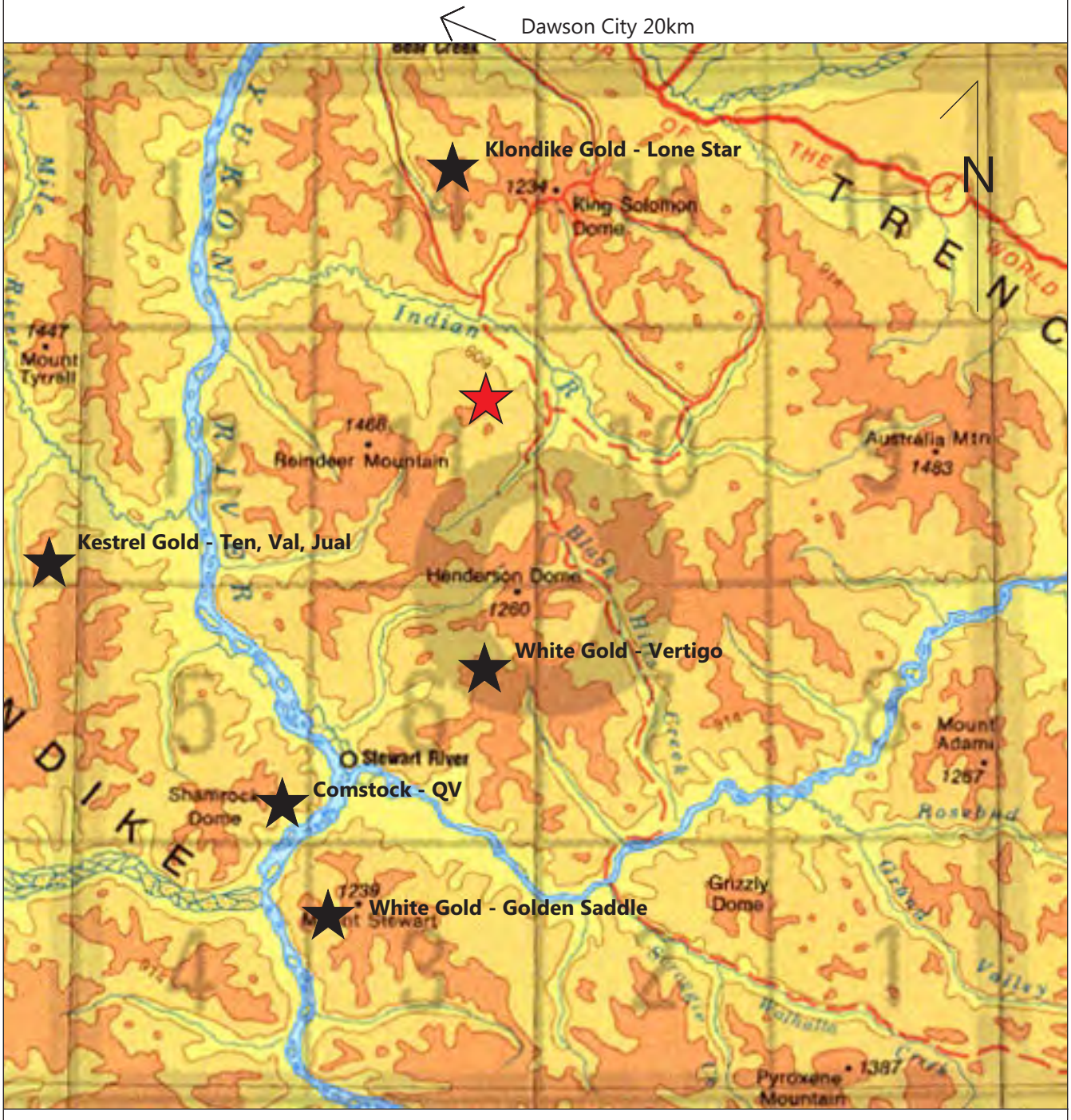
Claims And Land Status – The property is located within Trondek Hwichin (Dawson) traditional territory, with no active First Nation land claim blocks in the immediate area of the project. A total of 41 claims comprise the property with claim data found on the following table:

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
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
YE78821 to 840	Sask	1 to 20	Bernard Kreft	07/03/2022	115O11	Grabben
YE90324 to 326	Nug	1 to 3	Bernard Kreft	06/08/2019	115O11	Grabben

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 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.

Grabben Project ★

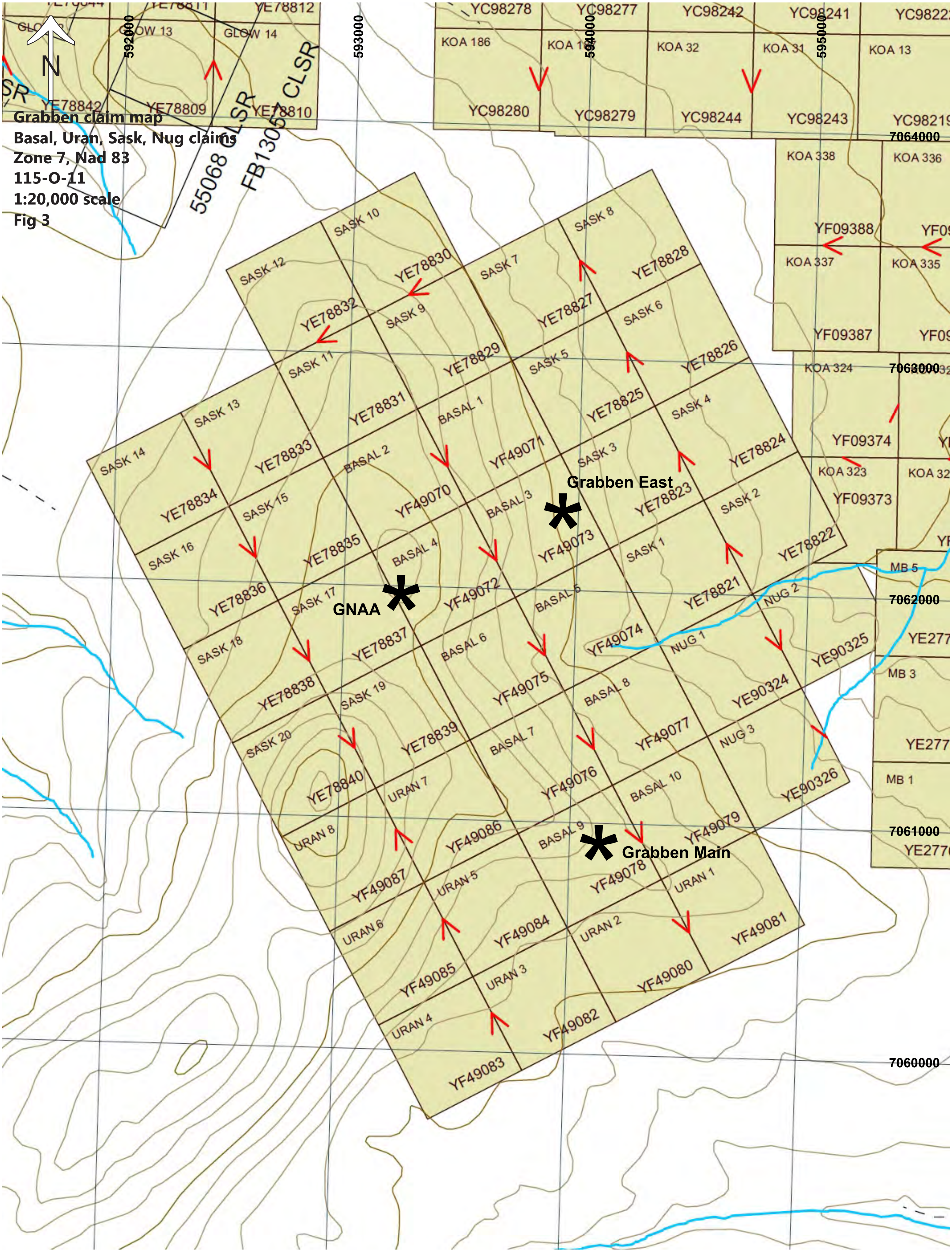
To Accompany: 2018 Grabben Report	December 1st, 2018
By: Bernie Kreft	Figure 1



Regional Map - Grabben Project

figure 2

Scale approx. 1:600,000


Grabben claim map
Basal, Uran, Sask, Nug claims
Zone 7, Nad 83
115-O-11
1:20,000 scale
Fig 3
N
592000
593000
594000
595000
7064000
7063000
7062000
7061000
7060000
55068 CLSR
FB13057 CLSR
Grabben East
GNAA
Grabben Main
GLOW 13
GLOW 14
YE78842
YE78809
YE78810
YE78811
YE78812
YC98278
YC98277
YC98242
YC98241
KOA 186
KOA 32
KOA 31
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KOA 338
KOA 336
YF09388
KOA 337
KOA 335
YF09387
KOA 324
YF09374
KOA 323
YF09373
MB 5
MB 3
MB 1
SASK 1
SASK 2
SASK 3
SASK 4
SASK 5
SASK 6
SASK 7
SASK 8
SASK 9
SASK 10
SASK 11
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SASK 15
SASK 16
SASK 17
SASK 18
SASK 19
SASK 20
BASAL 1
BASAL 2
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BASAL 4
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BASAL 6
BASAL 7
BASAL 8
BASAL 9
BASAL 10
URAN 1
URAN 2
URAN 3
URAN 4
URAN 5
URAN 6
URAN 7
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NUG 1
NUG 2
NUG 3
YE78821
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YF49083
YF49084
YF49085
YF49086
YF49087
YE90324
YE90325
YE90326

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 and located immediately to the north of the Grabben Property, 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 volcanism. 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. Drill hole 87-1 encountered a program high of 0.195 g/t Au over a 24 foot interval (76'-100') of intensely argillic altered and brecciated limonitic quartz pebble conglomerate in contact with a similarly clay altered and brecciated andesite porphyry 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 described 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.

2017 – Kreft and Sons – A YMIP funded grassroots prospecting program focusing on the Grabben North areas as well as regional targets resulted in the discovery of two main anomalous areas (Grabben North Anomaly A and Grabben East) as well as several smaller anomalies. Grabben North Anomaly A ("GNAA") 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. Geology underlying the anomaly consists of a mixed sequence of variably limonitic bleached, brecciated and clay altered intermediate intrusive and fine

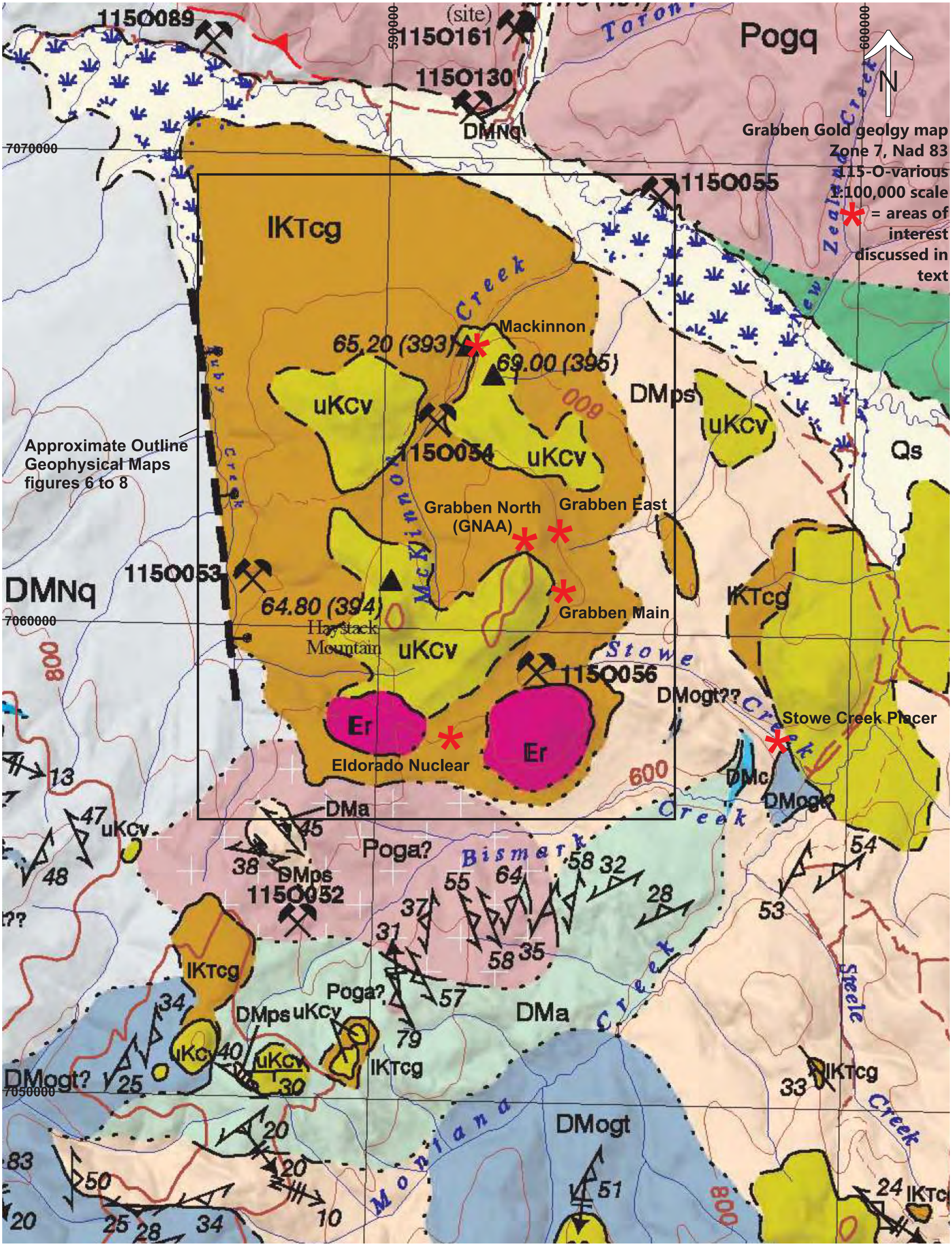
clastics. Prospecting and hand trenching within this anomaly failed to encounter a source for the highly anomalous gold in soil values. Work at Grabben East consisted of prospecting and soil sampling yielding 12 soil samples. This work resulted in the partial definition of a southwest trending 100m wide 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, based on rock fragments within area soils, consists of a mixed sedimentary sequence ranging from fine clastics to quartz pebble conglomerate with rare intermediate intrusive fragments.

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 bodies located in the vicinity of the McKinnon showing. Recent work outbound of the historical showings and within different lithologies has been extremely successful in locating potentially significant auriferous zones and anomalies including GNAA, Grabben East and Grabben Main.

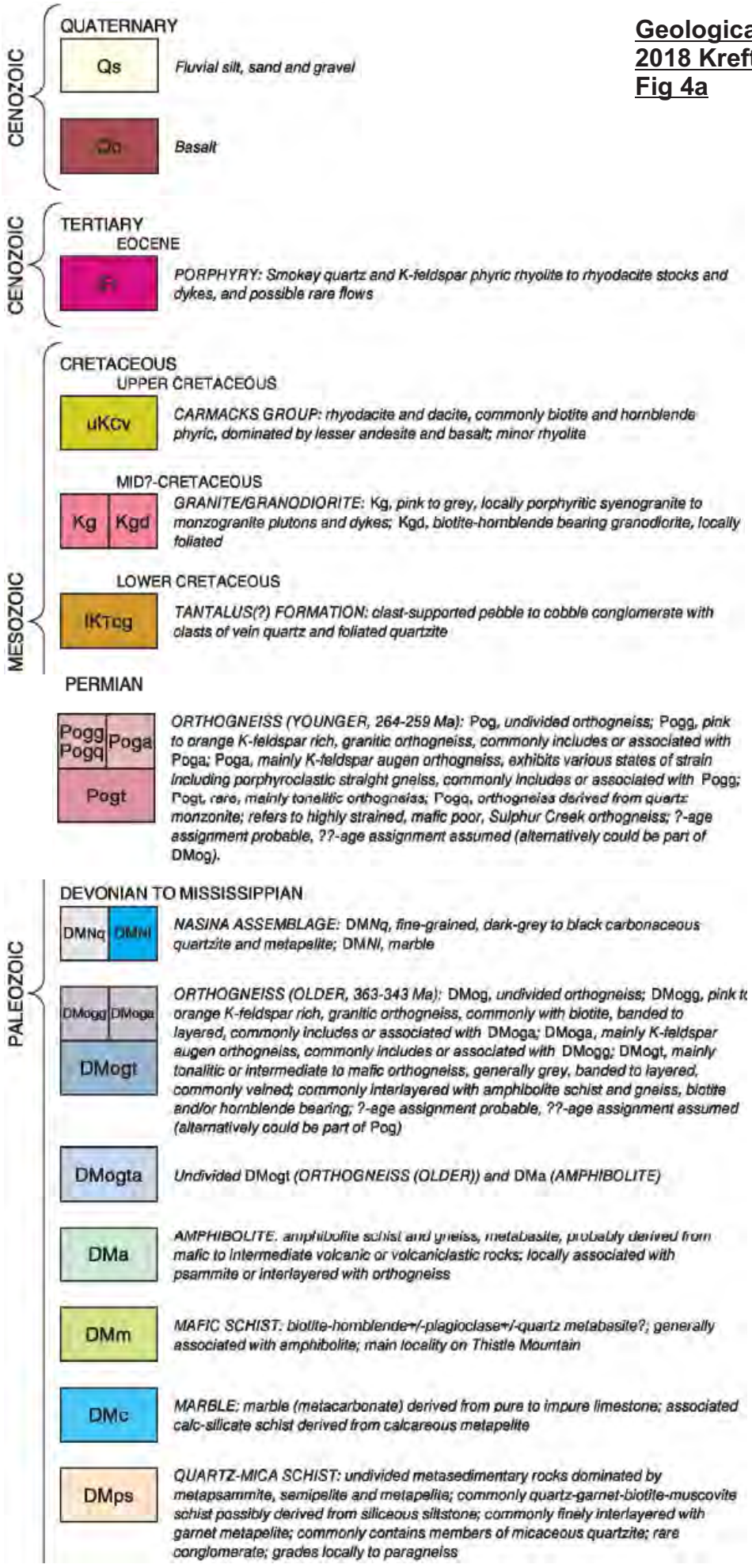
Geology Metallogeny And Mineralization – Based on information contained in the various publically available assessment reports, academic studies, government mapping efforts and results of the 2016 and 2017 field seasons, the geological setting of the Grabben Gold Project is thought to consist of a graben 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.


Grabben Gold geolgy map
Zone 7, Nad 83
115-O-various
1:100,000 scale
* = areas of interest discussed in text
N
Approximate Outline Geophysical Maps figures 6 to 8
Mackinnon
Grabben North (GNAA)
Grabben East
Grabben Main
Eldorado Nuclear
Stowe Creek Placer
65.20 (393)
69.00 (395)
64.80 (394)
Haystack Mountain
115O089
115O161
115O130
115O055
115O054
115O053
115O056
115O052
Pogq
DMNq
lKTcg
uKcv
DMps
Qs
Er
DMa
Poga?
DMogt
DMogt??
DMogt?
DMc
7070000
7060000
7050000
590000
600000
McKinnon Creek
Stowe Creek
Bismark Creek
Montana Creek
Ruby Creek
Steele Creek
Zealand Creek

Geological Legend to accompany 2018 Kreft Grabben Report Fig 4a



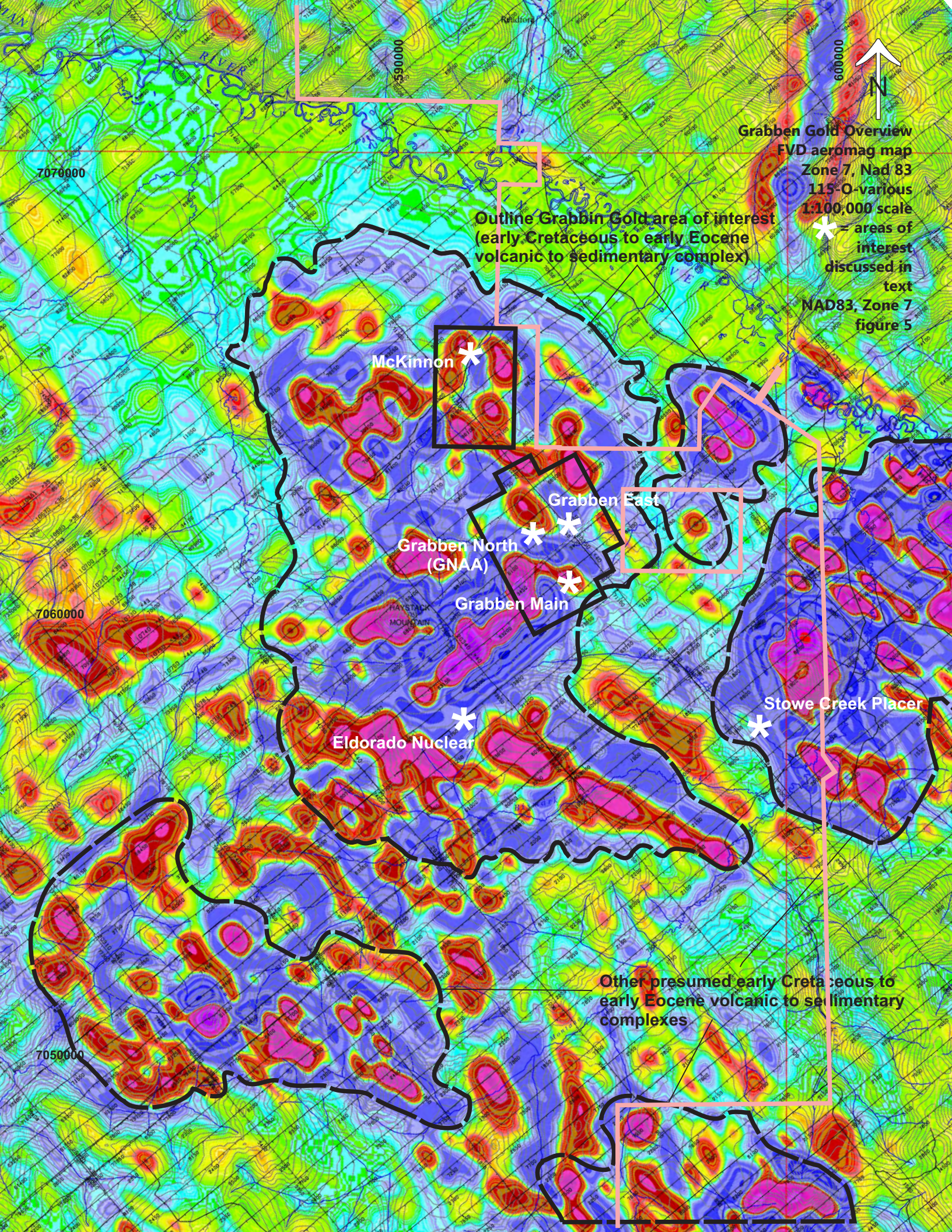
In 2010 Radius Gold/Rackla Resources recognized the epithermal precious metal potential in the Sixty Mile River valley and acquired much of the ground in the area. Their work identified the presence of a down dropped half graben within which the Carmacks group andesites are variably silicified, sheared 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.

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 2018 field program on the Grabben project consisted of prospecting and sampling, yielding a total of 115 soil samples and 31 rock samples. The majority of soil samples were taken from the C horizon except where alluvial matter was encountered, or the presence of frozen ground limited sampling to B horizon material. Rock samples were sourced from occasional bedrock exposures as well as small hand dug prospecting pits. Sample sites were marked in the field using flagging inscribed with the sample code, with soil samples placed in industry standard soil sample envelopes and 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 designed to explore for both westerly and easterly extensions to Grabben North Anomaly A (“GNAA”), confirm 2017 results at Grabben East and to provide detailed sampling within select areas of GNAA in an effort to fully define trenching targets.

Work designed to explore for westerly extensions of GNAA consisted of soil sampling and prospecting yielding a total of 36 soil samples and 2 rock samples. Results extend GNAA approximately 150m further to the northwest with a total of 4 consecutive samples averaging 0.042 ppm Au along with variably anomalous As-Bi-Sb. Although only weakly anomalous gold in soil values occur beyond this area, the lack of highly anomalous values may be a reflection of increasing overburden depths and the presence of scattered areas of frozen soil which hindered sampling of the C horizon at several sample sites. Numerous old trenches and pits, probably dating to the 1899 McKinnon Creek Gold Rush, were found in this area. Rocks found within the spoil piles of these workings consisted predominantly of quartz pebble to cobble conglomerate, 2 samples of which failed to return anomalous precious metal values.


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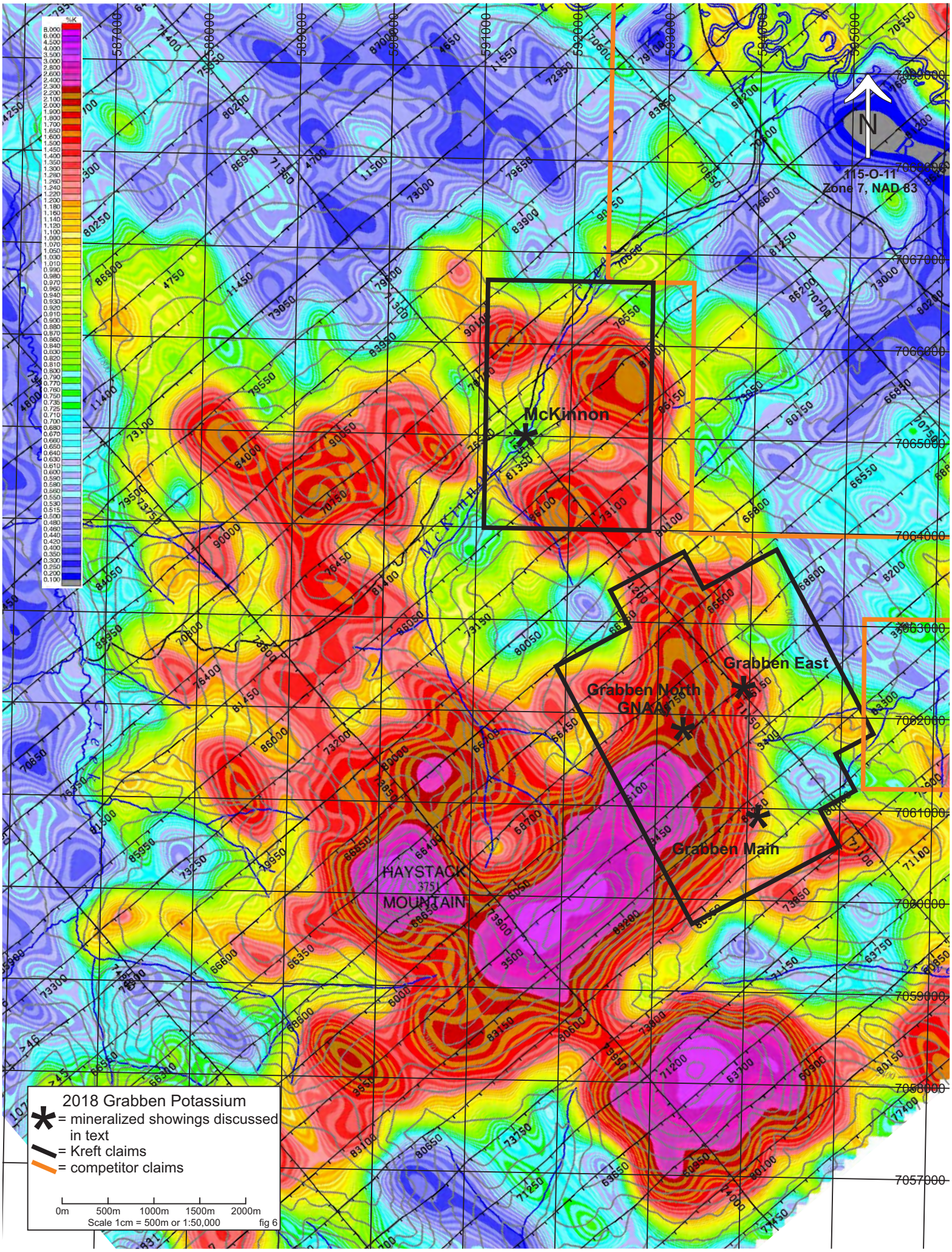
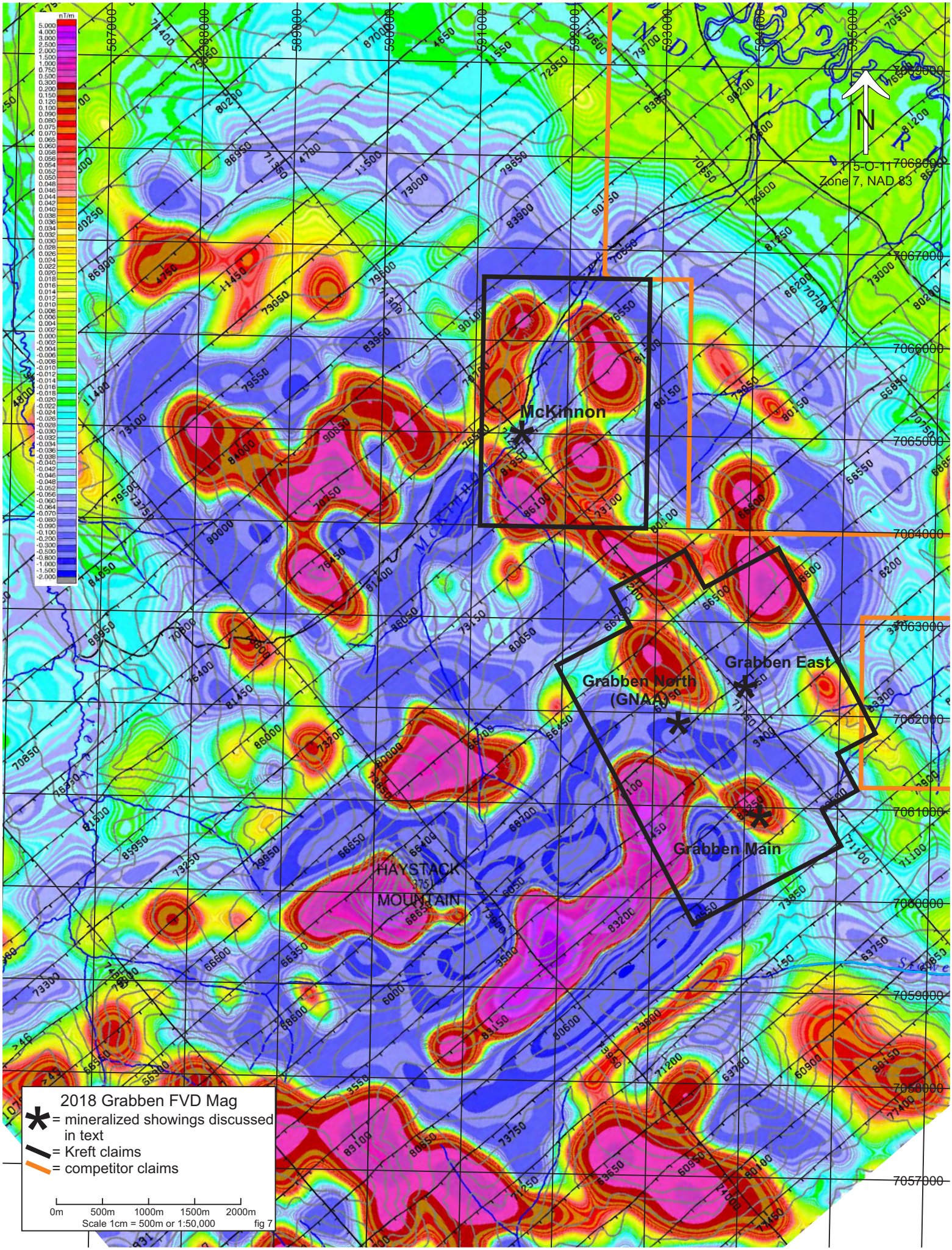
Grabben Gold Overview
FVD aeromag map
Zone 7, Nad 83
115-O-various
1:100,000 scale
* = areas of interest discussed in text
NAD83, Zone 7
figure 5
Outline Grabbin Gold area of interest (early Cretaceous to early Eocene volcanic to sedimentary complex)
McKinnon
Grabben East
Grabben North (GNAA)
Grabben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


%K
N
115-O-11
Zone 7, NAD 83
McKinnon
Grabben East
Grabben North
GNAA
Grabben Main
HAYSTACK
MOUNTAIN
2018 Grabben Potassium
= mineralized showings discussed in text
= Kreft claims
= competitor claims
0m 500m 1000m 1500m 2000m
Scale 1cm = 500m or 1:50,000
fig 6


nT/m
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4.000
3.000
2.500
2.000
1.500
1.000
0.750
0.500
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0.200
0.150
0.120
0.100
0.090
0.080
0.075
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-0.200
-0.300
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-0.800
-1.000
-1.500
-2.000
N
15-O-11
Zone 7, NAD 83
McKinnon
Grabben East
Grabben North
(GNAA)
Grabben Main
HAYSTACK
MOUNTAIN
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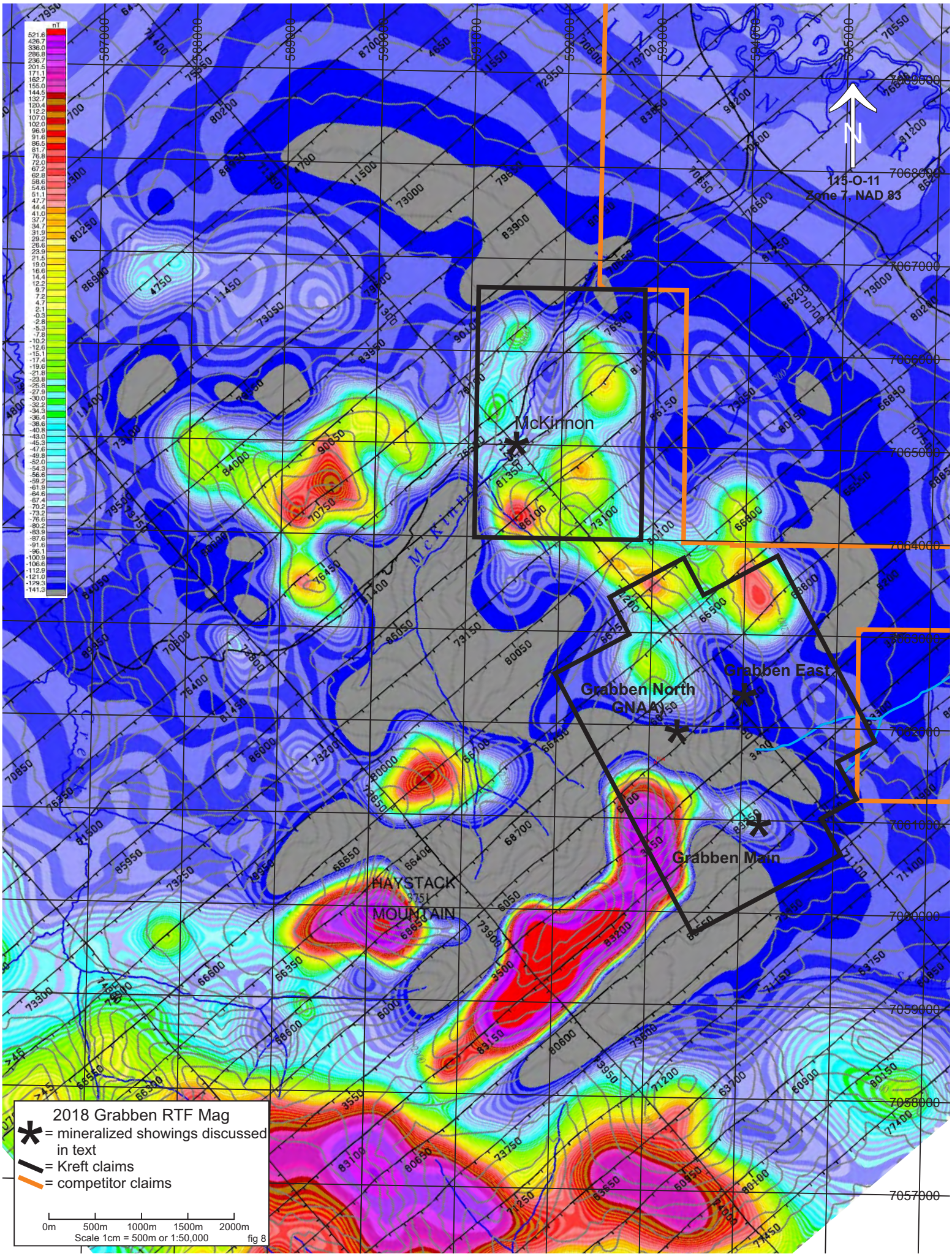
7067000
7066000
7065000
7064000
7063000
7062000
7061000
7060000
7059000
7058000
7057000
2018 Grabben FVD Mag
= mineralized showings discussed in text
= Kreft claims
= competitor claims
0m
500m
1000m
1500m
2000m
Scale 1cm = 500m or 1:50,000
fig 7


nT
521.6
426.7
336.0
286.8
236.7
201.5
171.1
162.7
155.0
144.5
132.7
120.4
112.2
107.0
102.0
98.9
91.6
86.5
81.7
76.8
72.0
67.2
62.8
58.6
54.6
51.1
47.7
44.4
41.0
37.7
34.7
31.9
29.2
26.6
23.9
21.5
19.0
16.6
14.4
12.2
9.7
7.2
4.7
2.1
-0.3
-2.8
-5.3
-7.8
-10.2
-12.6
-15.1
-17.4
-19.6
-21.8
-23.8
-25.8
-27.9
-30.0
-32.2
-34.5
-36.4
-38.6
-40.5
-43.0
-45.3
-47.6
-49.8
-52.0
-54.3
-56.6
-59.2
-61.9
-64.6
-67.4
-70.2
-73.2
-76.6
-80.2
-83.9
-87.6
-91.6
-96.1
-100.9
-106.6
-112.0
-121.0
-129.3
-141.3
N
115-O-11
Zone 7, NAD 83
McKinnon
Grabben North
GNAA
Grabben East
Grabben Main
HAYSTACK
MOUNTAIN
2018 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

Work designed to explore for easterly extensions to GNAA consisted of soil sampling and prospecting yielding a total of 25 soil samples. Results extended GNAA 300m further to the east with a total of 16 samples averaging 0.047 ppm Au along with consistently weakly anomalous arsenic to 98 ppm and occasional weakly anomalous Ag. Further sampling to the east is precluded by the presence of alluvial deposits related to the Indian River drainage.

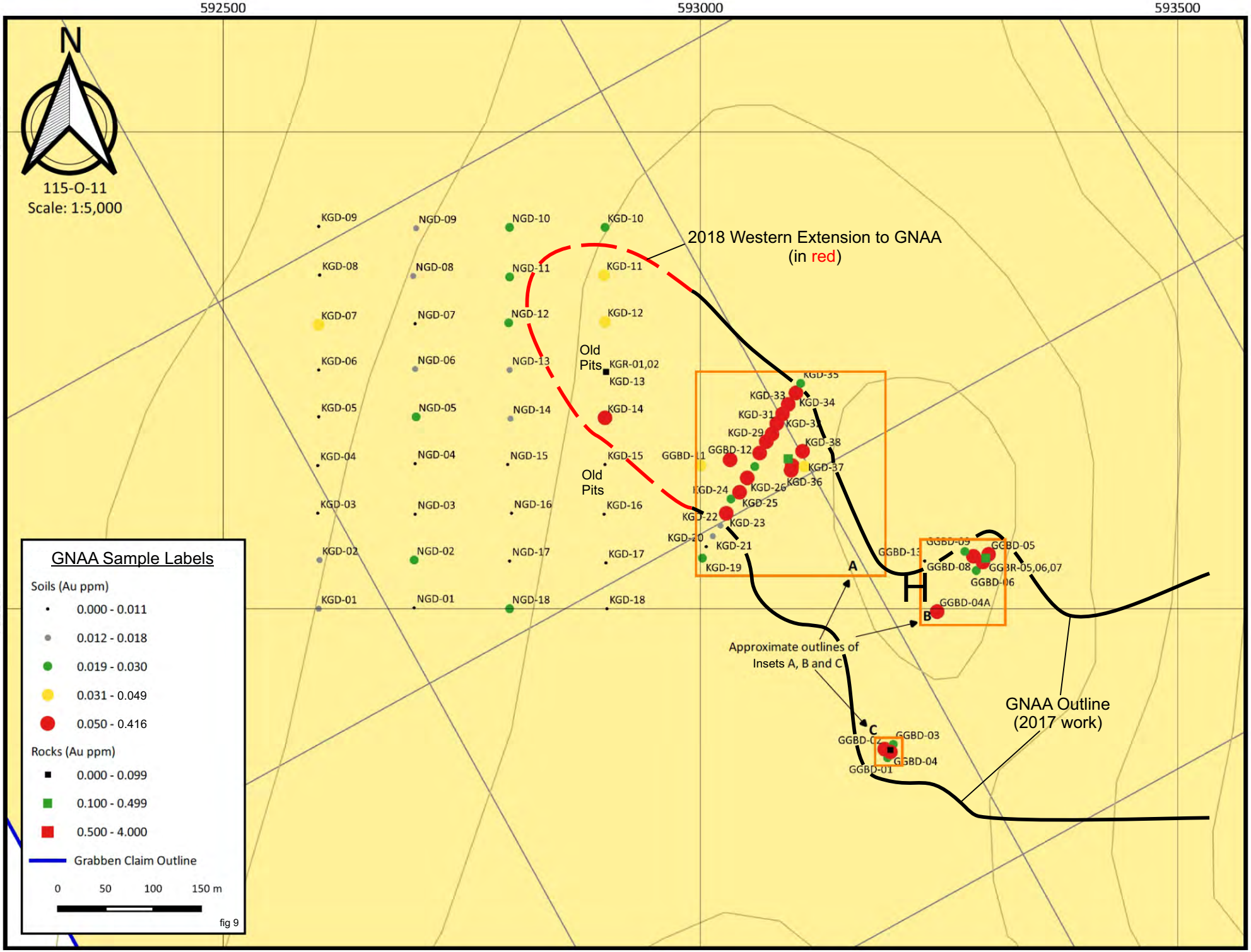
Work at Grabben East (2017 results to 0.346 ppm Au in soil) failed to confirm the presence of this anomaly with a maximum value of 0.021 ppm Au returned from the confirmation soil sampling conducted. Material underlying Grabben East consists of locally derived talus mixed with alluvial matter from the Indian River, with the highly anomalous 2017 results likely a result of fluvially reworked talus from GNAA. A total of 9 rock samples were taken in this area, with the only sample with significantly anomalous values consisting of a sandstone cut by two 2mm wide vuggy quartz limonite veins, the analyses of which returned 0.028 ppm Au, 4.0 ppm Ag and 692 ppm As.

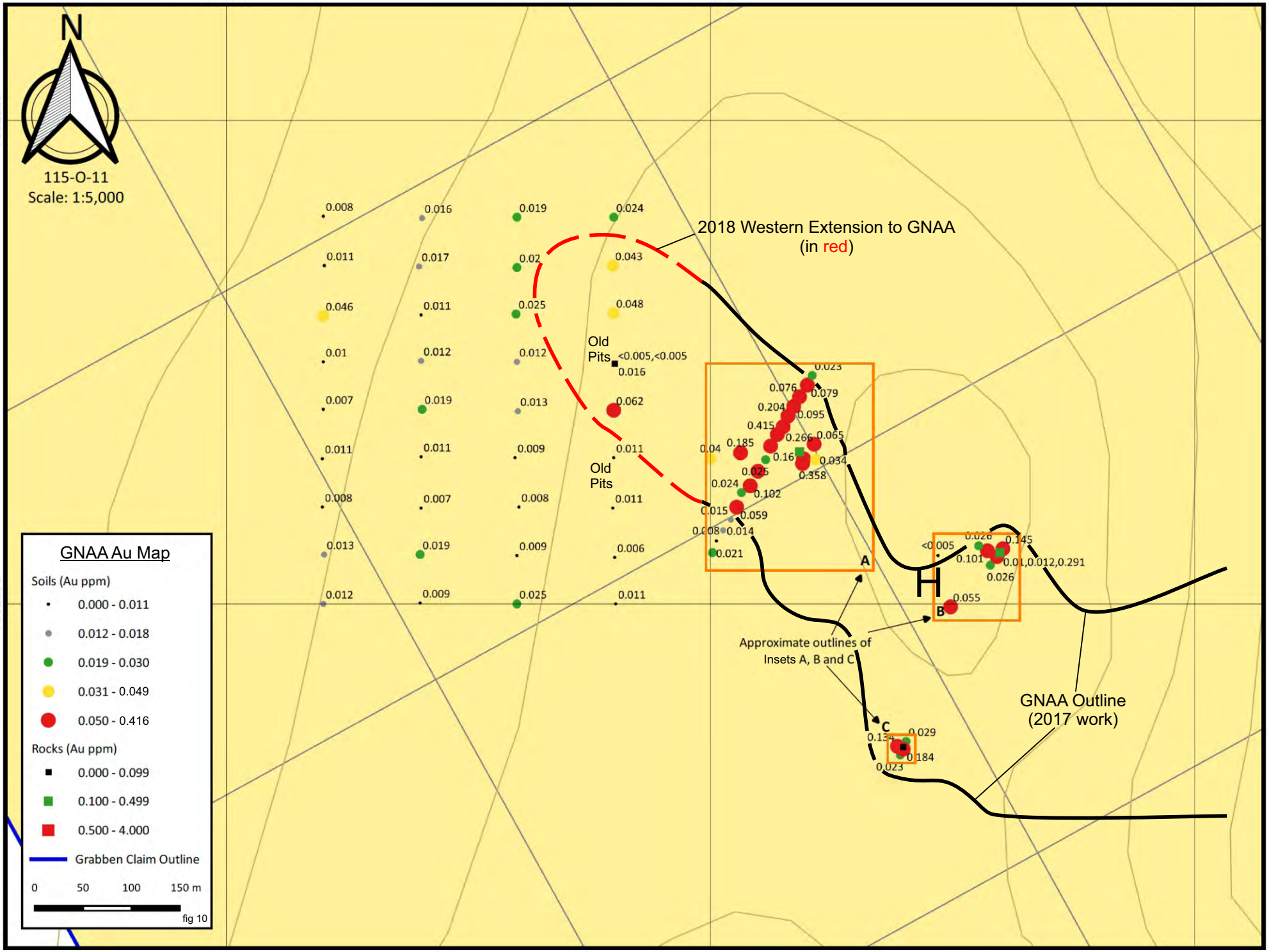
Detailed sampling within GNAA was designed to define trenching targets in the vicinity of 2017 soil sample sites with highly anomalous gold. Work outlined strong trenching targets at each detailed sample site (see inset maps) with one area encountering an approximate 50m wide zone from which deep C horizon soils average 0.261 ppm Au along with highly anomalous arsenic and lesser bismuth (see Inset Map A). Rock sampling and geological observations based on rock fragments from small pits dug in the vicinity of the various trenching targets suggests geology consists of a variably fractured and limonitic intermediate quartz biotite intrusive that is moderately to heavily bleached and clay altered in contact with bleached and clay altered fine clastics.

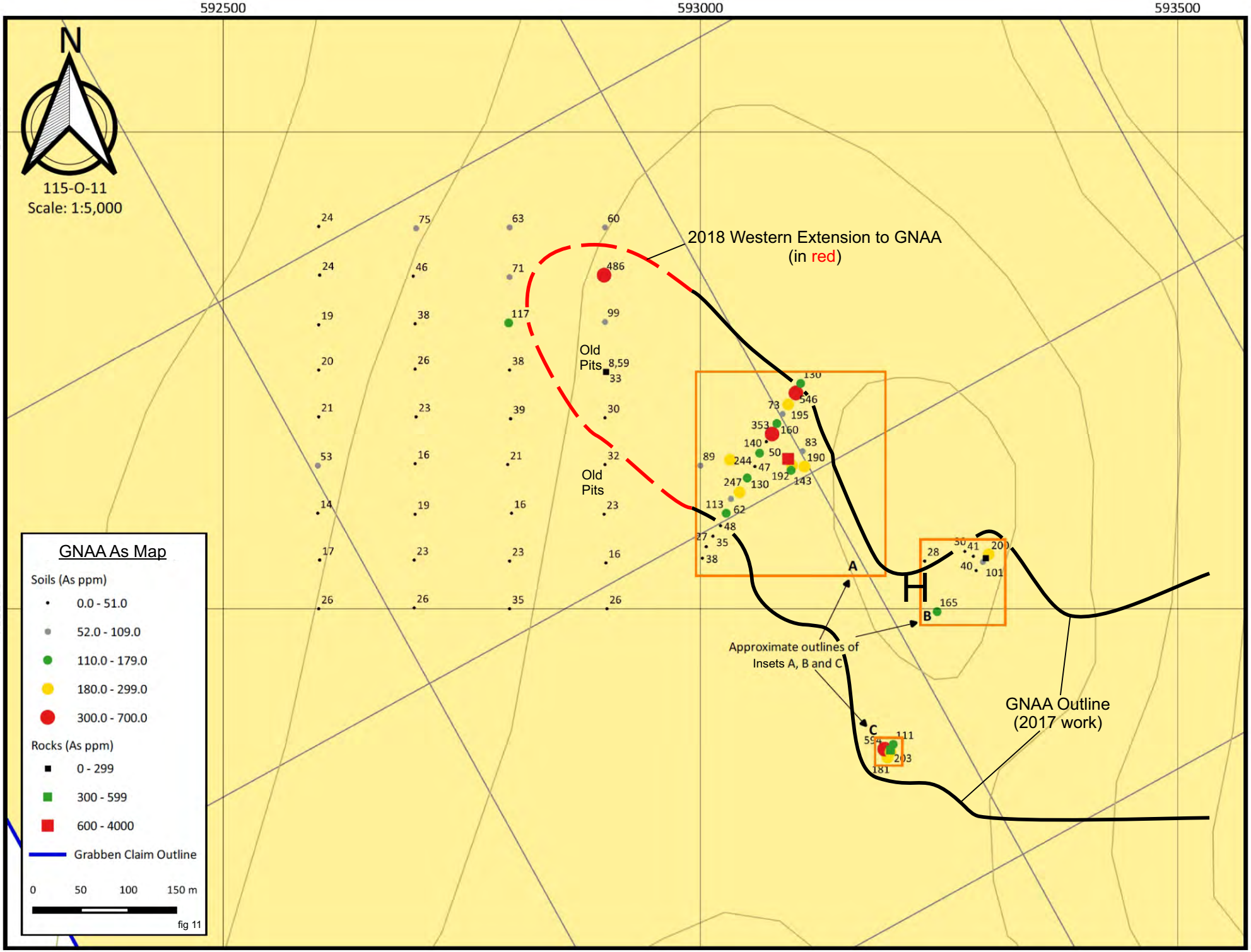
Conclusions – The Grabben Gold project represents the first modern precious metals discovery within the historically active MacKinnon Creek/Haystack Mountain area, and one of the few Yukon based discoveries in this geological setting. Mineralization consists of extremely fine-grained sulphides, with a Au-Ag-As-Pb-Sb-Bi signature, found 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 lesser amounts occurring within conglomerates. Mineralization may be associated with the waning stages of Casino Suite (72-79 Ma) or perhaps Prospector Mountain Suite (68-72 Ma) magmatism which is 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 modern 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.

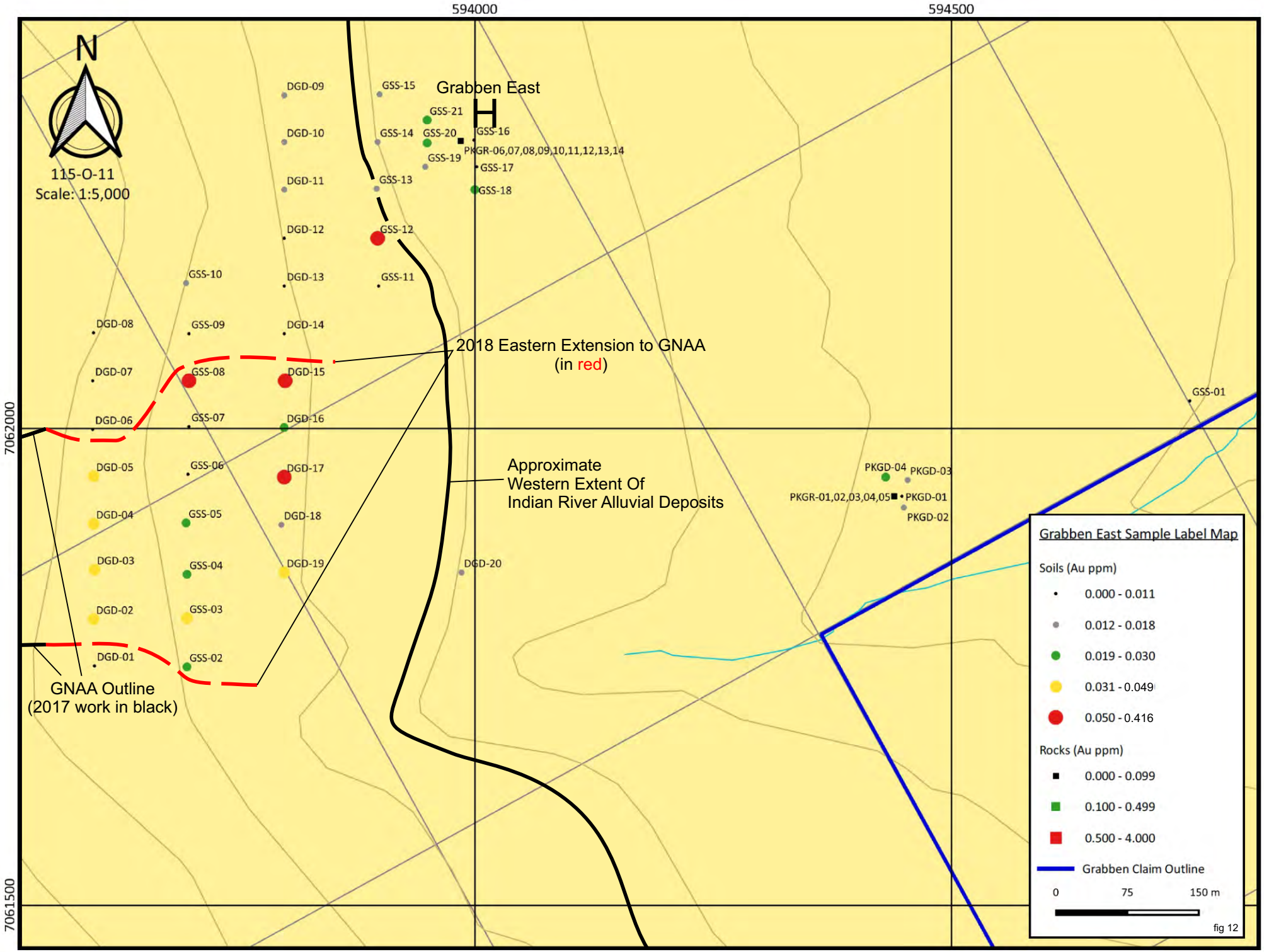
GNAA is an east-west trending 1.0km long and from 100-250m wide Au +/- Ag-As-Bi-Sb soil anomaly open to the east (extending under alluvial cover related to the Indian River) and possibly open to the northwest. Geology underlying GNAA is presumed to consist of a mixed sequence of variably limonitic bleached, brecciated and clay altered intermediate quartz biotite intrusive and fine clastics. Several strong trenching targets exist within GNAA, with their overall characteristics suggestive of targets 20-50m in width. Sampling designed to test for westerly extensions to GNAA was hampered by the presence of sporadic permafrost.

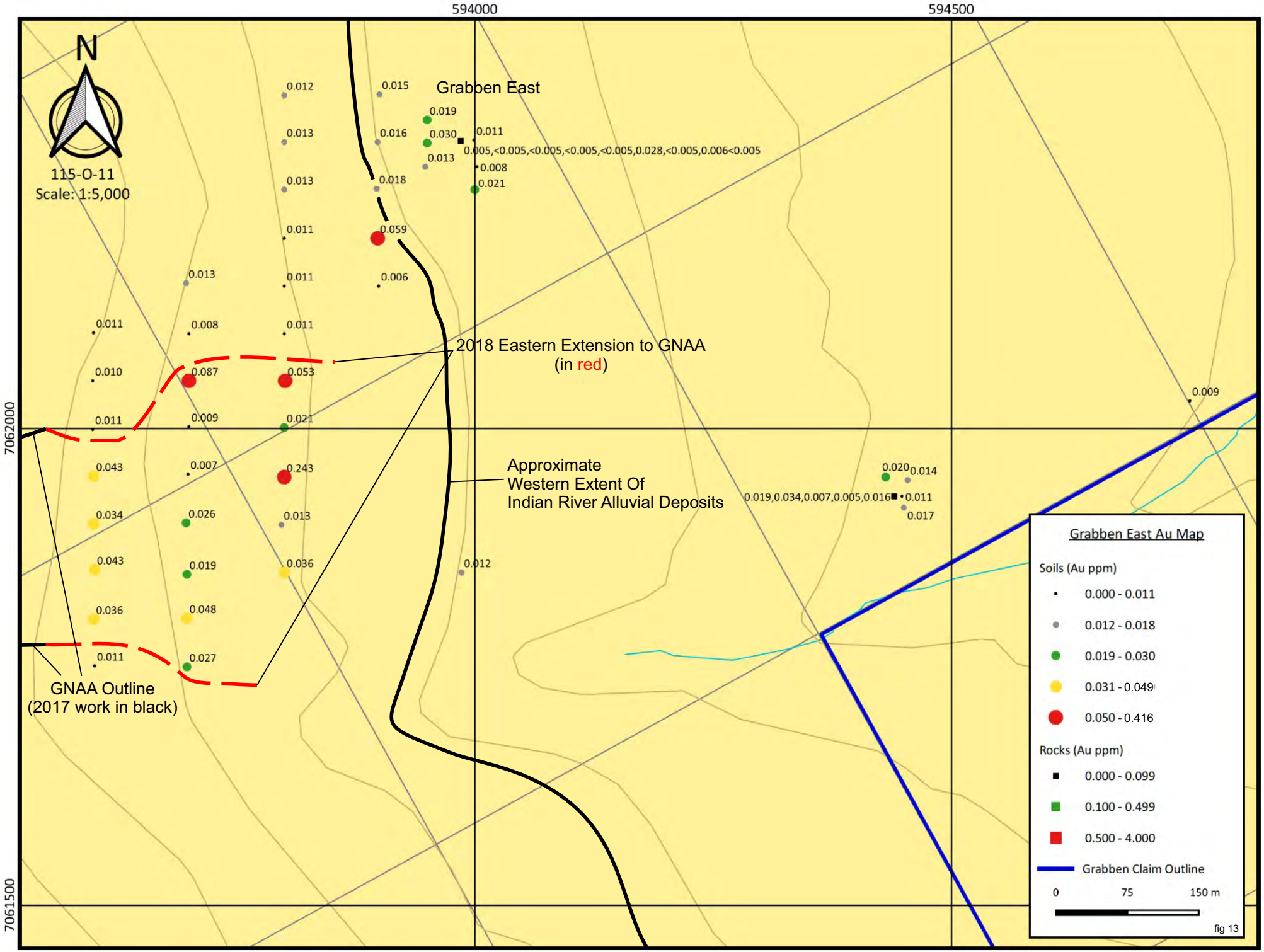
Recommendations – Further work at Grabben is highly recommended. Initial efforts should focus on further tight spaced soil sampling within the core of GNAA and at Grabben Main in an effort to better define trenching targets, with this work possibly starting in mid-June pending the progression of spring thaw. Results from this sampling should be used to guide an excavator trenching program at GNAA and Grabben Main which shouldn't begin earlier than early to mid-July to ensure that the ground is sufficiently thawed to allow this work to be completed un-impeded. Based on the results of this work a percussion or reverse circulation drill program should be contemplated as well as further soil sampling to the NW of GNAA.

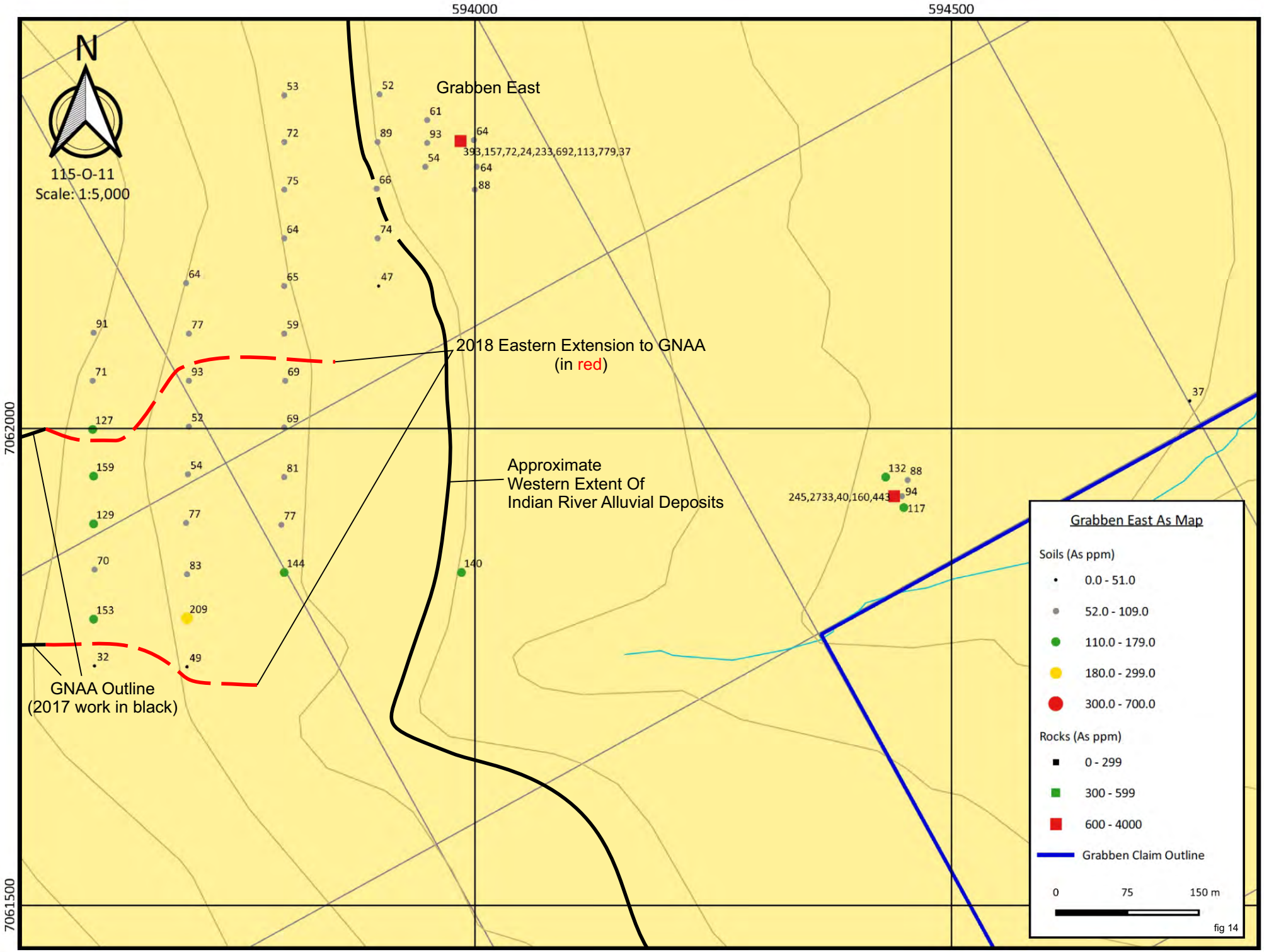

592500
593000
593500
7062500
7062000
N
115-O-11
Scale: 1:5,000
2018 Western Extension to GNAA
(in red)
Old
Pits
Old
Pits
KGD-09
NGD-09
NGD-10
KGD-10
KGD-08
NGD-08
NGD-11
KGD-11
KGD-07
NGD-07
NGD-12
KGD-12
KGD-06
NGD-06
NGD-13
KGR-01,02
KGD-13
KGD-05
NGD-05
NGD-14
KGD-14
KGD-04
NGD-04
NGD-15
KGD-15
KGD-03
NGD-03
NGD-16
KGD-16
KGD-02
NGD-02
NGD-17
KGD-17
KGD-01
NGD-01
NGD-18
KGD-18
KGD-35
KGD-33
KGD-34
KGD-31
KGD-32
KGD-29
KGD-30
KGD-38
GGBD-12
KGD-37
KGD-36
KGD-24
KGD-26
KGD-25
KGD-22
KGD-23
KGD-20
KGD-21
KGD-19
GGBD-13
GGBD-09
GGBD-05
GGBD-08
GGBR-05,06,07
GGBD-06
GGBD-04A
A
B
C
H
Approximate outlines of
Insets A, B and C
GGBD-03
GGBD-04
GGBD-01
GNAA Outline
(2017 work)
GNAA Sample Labels
Soils (Au ppm)
0.000 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.416
Rocks (Au ppm)
0.000 - 0.099
0.100 - 0.499
0.500 - 4.000
Grabben Claim Outline
0
50
100
150 m
fig 9

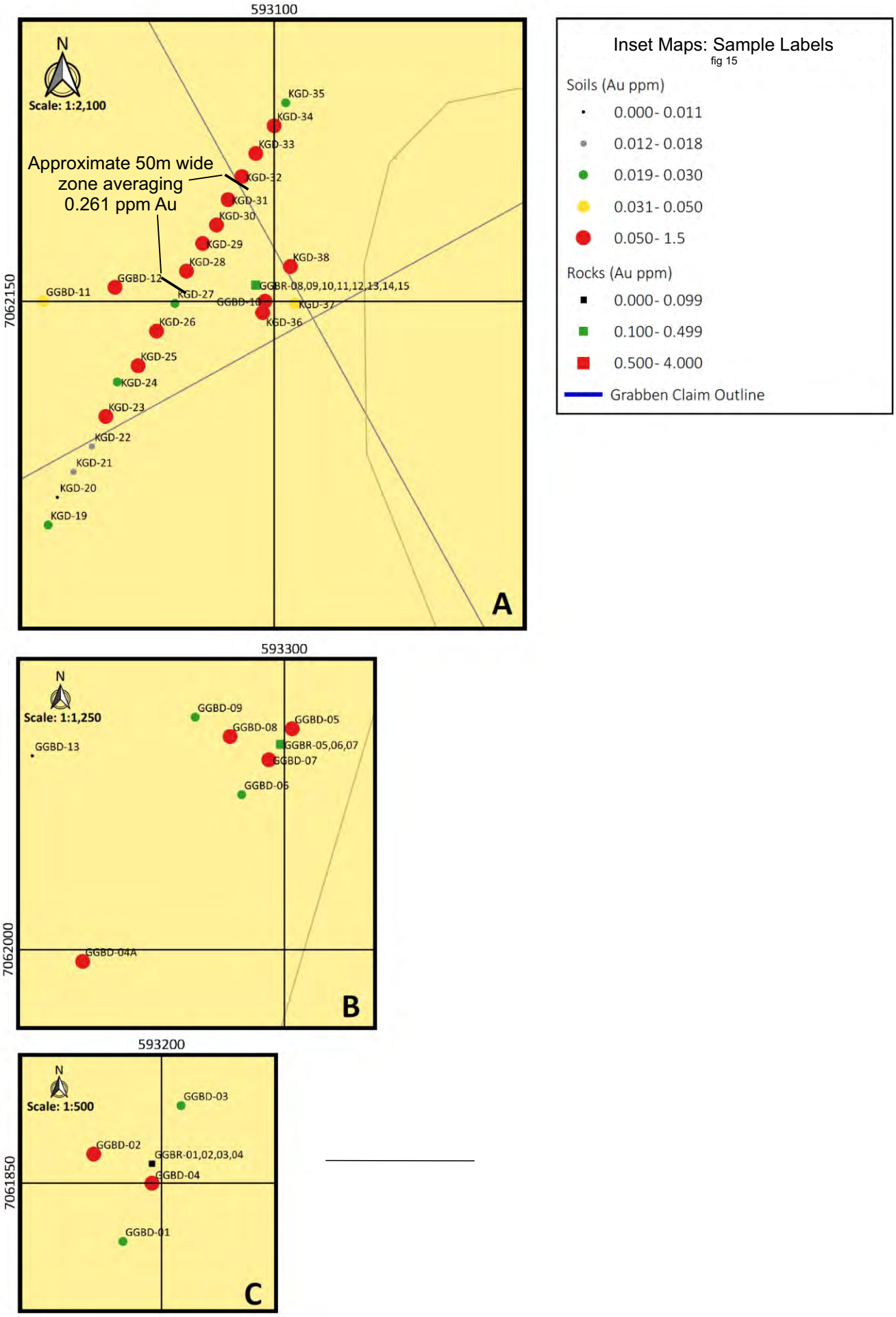

592500
593000
593500
7062500
7062000
N
115-O-11
Scale: 1:5,000
2018 Western Extension to GNAA
(in red)
Old Pits
Old Pits
<0.005,<0.005
Approximate outlines of Insets A, B and C
GNAA Outline
(2017 work)
A
B
C
H
GNAA Au Map
Soils (Au ppm)
0.000 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.416
Rocks (Au ppm)
0.000 - 0.099
0.100 - 0.499
0.500 - 4.000
Grabben Claim Outline
0 50 100 150 m
fig 10

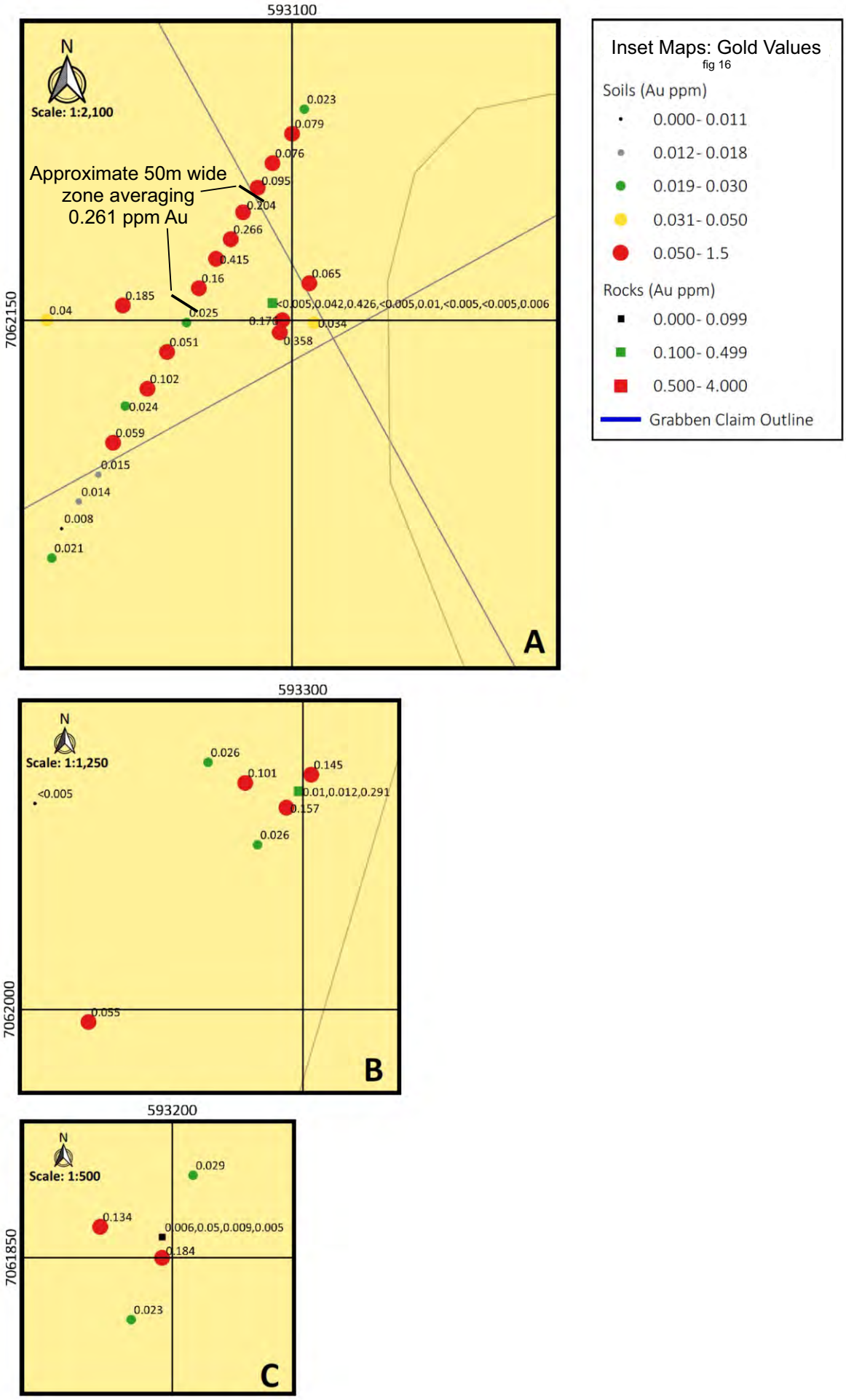

592500
593000
593500
7062500
7062000
N
115-O-11
Scale: 1:5,000
2018 Western Extension to GNAA
(in red)
Old
Pits
Old
Pits
A
B
C
H
Approximate outlines of
Insets A, B and C
GNAA Outline
(2017 work)
GNAA As Map
Soils (As ppm)
0.0 - 51.0
52.0 - 109.0
110.0 - 179.0
180.0 - 299.0
300.0 - 700.0
Rocks (As ppm)
0 - 299
300 - 599
600 - 4000
Grabben Claim Outline
0 50 100 150 m
fig 11

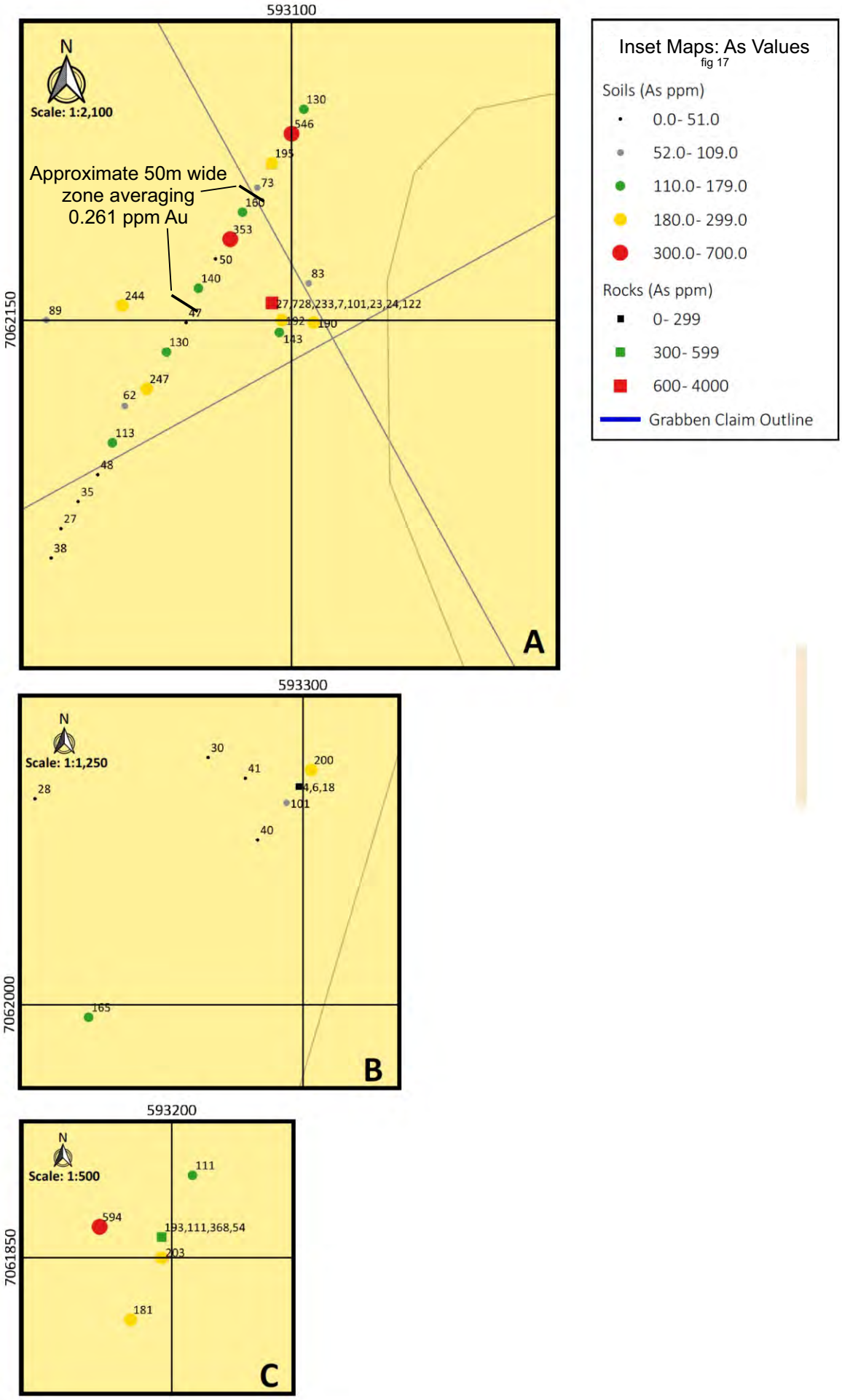

594000
594500
7062000
7061500
N
115-O-11
Scale: 1:5,000
Grabben East
DGD-09
DGD-10
DGD-11
DGD-12
DGD-13
DGD-14
DGD-15
DGD-16
DGD-17
DGD-18
DGD-19
DGD-20
DGD-08
DGD-07
DGD-06
DGD-05
DGD-04
DGD-03
DGD-02
DGD-01
GSS-15
GSS-21
GSS-14
GSS-20
GSS-16
GSS-19
PKGR-06,07,08,09,10,11,12,13,14
GSS-17
GSS-13
GSS-18
GSS-12
GSS-11
GSS-10
GSS-09
GSS-08
GSS-07
GSS-06
GSS-05
GSS-04
GSS-03
GSS-02
GSS-01
PKGD-04
PKGD-03
PKGR-01,02,03,04,05
PKGD-01
PKGD-02
2018 Eastern Extension to GNAA
(in red)
Approximate
Western Extent Of
Indian River Alluvial Deposits
GNAA Outline
(2017 work in black)
Grabben East Sample Label Map
Soils (Au ppm)
0.000 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.416
Rocks (Au ppm)
0.000 - 0.099
0.100 - 0.499
0.500 - 4.000
Grabben Claim Outline
0
75
150 m
fig 12


594000
594500
7062000
7061500
N
115-O-11
Scale: 1:5,000
Grabben East
0.012
0.015
0.019
0.013
0.016
0.030
0.011
0.005,<0.005,<0.005,<0.005,<0.005,0.028,<0.005,0.006<0.005
0.013
0.008
0.013
0.018
0.021
0.011
0.059
0.013
0.011
0.006
0.011
0.008
0.011
2018 Eastern Extension to GNAA
(in red)
0.010
0.087
0.053
0.009
0.011
0.021
0.009
Approximate
Western Extent Of
Indian River Alluvial Deposits
0.043
0.007
0.243
0.020
0.014
0.034
0.026
0.013
0.019,0.034,0.007,0.005,0.016
0.011
0.017
0.043
0.019
0.036
0.012
0.036
0.048
0.011
0.027
GNAA Outline
(2017 work in black)
Grabben East Au Map
Soils (Au ppm)
0.000 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.049
0.050 - 0.416
Rocks (Au ppm)
0.000 - 0.099
0.100 - 0.499
0.500 - 4.000
Grabben Claim Outline
0
75
150 m
fig 13


594000
594500
7062000
7061500
N
115-O-11
Scale: 1:5,000
Grabben East
393,157,72,24,233,692,113,779,37
245,2733,40,160,443
2018 Eastern Extension to GNAA
(in red)
Approximate
Western Extent Of
Indian River Alluvial Deposits
GNAA Outline
(2017 work in black)
Grabben East As Map
Soils (As ppm)
0.0 - 51.0
52.0 - 109.0
110.0 - 179.0
180.0 - 299.0
300.0 - 700.0
Rocks (As ppm)
0 - 299
300 - 599
600 - 4000
Grabben Claim Outline
0
75
150 m
fig 14


593100
N
Scale: 1:2,100
Approximate 50m wide zone averaging 0.261 ppm Au
KGD-35
KGD-34
KGD-33
KGD-32
KGD-31
KGD-30
KGD-29
KGD-28
KGD-38
GGBD-12
GGBD-11
KGD-27
GGBR-08,09,10,11,12,13,14,15
GGBD-10
KGD-37
KGD-36
KGD-26
KGD-25
KGD-24
KGD-23
KGD-22
KGD-21
KGD-20
KGD-19
7062150
A
Inset Maps: Sample Labels
fig 15
Soils (Au ppm)
0.000- 0.011
0.012- 0.018
0.019- 0.030
0.031- 0.050
0.050- 1.5
Rocks (Au ppm)
0.000- 0.099
0.100- 0.499
0.500- 4.000
Grabben Claim Outline
593300
N
Scale: 1:1,250
GGBD-09
GGBD-08
GGBD-05
GGBD-13
GGBR-05,06,07
GGBD-07
GGBD-06
GGBD-04A
7062000
B
593200
N
Scale: 1:500
GGBD-03
GGBD-02
GGBR-01,02,03,04
GGBD-04
GGBD-01
7061850
C


593100
N
Scale: 1:2,100
Approximate 50m wide zone averaging 0.261 ppm Au
0.023
0.079
0.076
0.095
0.204
0.266
0.415
0.16
0.065
0.185
0.04
0.025
<0.005,0.042,0.426,<0.005,0.01,<0.005,<0.005,0.006
0.034
0.358
0.051
0.102
0.024
0.059
0.015
0.014
0.008
0.021
7062150
A
593300
N
Scale: 1:1,250
0.026
0.101
0.145
<0.005
0.01,0.012,0.291
0.157
0.026
0.055
7062000
B
593200
N
Scale: 1:500
0.029
0.134
0.006,0.05,0.009,0.005
0.184
0.023
7061850
C
Inset Maps: Gold Values
fig 16
Soils (Au ppm)
0.000 - 0.011
0.012 - 0.018
0.019 - 0.030
0.031 - 0.050
0.050 - 1.5
Rocks (Au ppm)
0.000 - 0.099
0.100 - 0.499
0.500 - 4.000
Grabben Claim Outline


593100
7062150
N
Scale: 1:2,100
Approximate 50m wide zone averaging 0.261 ppm Au
130
546
195
73
160
353
50
140
83
244
89
47
27,728,233,7,101,23,24,122
192
190
143
130
247
62
113
48
35
27
38
A
Inset Maps: As Values
fig 17
Soils (As ppm)
0.0- 51.0
52.0- 109.0
110.0- 179.0
180.0- 299.0
300.0- 700.0
Rocks (As ppm)
0- 299
300- 599
600- 4000
Grabben Claim Outline
593300
7062000
N
Scale: 1:1,250
30
41
200
28
4,6,18
101
40
165
B
593200
7061850
N
Scale: 1:500
111
594
193,111,368,54
203
181
C

2018 Grabben Gold Rock Samples

Sample	NAD83/E	NAD83/N	Descriptions	Au	Mo	Ag	As	Sb	Bi
GGBR-01	593199	7061850	vuggy pitted lim bleached and clay alt silicic qtz rich int or clastic	0.006	2	0.4	193	<3	6
GGBR-02	593199	7061850	bleached qtz biotite int with lim and oxides on fracs and faces	0.05	3	<0.3	111	5	8
GGBR-03	593199	7061850	fine qtz rich clastic with poss graphite specks, weak lim stkwrk	0.009	<1	0.7	368	8	8
GGBR-04	593199	7061850	vuggy silicic clay alt and weakly lim bleached fine qtz rich int or clastic	0.005	2	1.1	54	7	8
GGBR-05	593299	7062053	un-alt intermediate qtz biotite int silicic weakly clay alt lim on fracs	0.01	2	<0.3	4	<3	<3
GGBR-06	593299	7062053	as above with more bleaching more clay more lim	0.012	1	<0.3	6	<3	<3
GGBR-07	593299	7062053	a completely alt punky/leached and lim qtz biotite intrusive	0.291	3	0.5	18	<3	14
GGBR-08	593096	7062150	fine grey clastic lim on fracs poss scorodite	<0.005	<1	<0.3	27	<3	<3
GGBR-09	593096	7062150	weathered sandstone yellow to red lim in matrix	0.042	<1	<0.3	728	<3	5
GGBR-10	593096	7062150	bleached and leached white sandstone with patchy lim	0.426	<1	0.4	233	<3	28
GGBR-11	593096	7062150	weakly clay alt and lim qtz ped cong	<0.005	<1	<0.3	7	<3	<3
GGBR-12	593096	7062150	weakly clay alt weathered white sandstone with lim diss and patchy	0.01	<1	<0.3	101	<3	4
GGBR-13	593096	7062150	dacite with patchy lim and poss epidote	0.005	<1	<0.3	23	<3	<3
GGBR-14	593096	7062150	vfg dark rock with minor lim and poss epidote	0.006	<1	<0.3	24	<3	<3
GGBR-15	593096	7062150	weakly sericite alt and lim sandstone, sericite may be primary	0.006	<1	<0.3	122	<3	<3
KGR-01	592901	7062248	variably limonitic qtz pebble conglmerate	<0.005	<1	<0.3	8	<3	<3
KGR-02	592901	7062248	variably limonitic qtz pebble conglmerate	<0.005	<1	<0.3	59	<3	<3
PKGR-01	594448	7061929	variably lim sandstone	0.019	1	0.9	245	4	<3
PKGR-02	594448	7061929	brx and lim qtz vn or qtz cobble conglomerate	0.034	3	1.4	2733	34	<3
PKGR-03	594448	7061929	blue-grey sandstone or volcanic sandstone	0.007	2	<0.3	40	<3	<3
PKGR-04	594448	7061929	relatively fresh intermediate int	<0.005	2	<0.3	160	<3	<3
PKGR-05	594448	7061929	bleached and lim version of above	0.016	2	1.1	443	<3	<3
PKGR-06	593985	7062302	variably lim pitted qtz peb conglomerate	0.005	<1	0.4	393	<3	<3
PKGR-07	593985	7062302	as above fine pebbles to coarse sandstone	<0.005	1	1.5	157	<3	<3
PKGR-08	593985	7062302	coarse sandstone with weak stkwrk of qtz lim lined fracs	<0.005	3	0.4	72	<3	<3
PKGR-09	593985	7062302	relatively fresh and un-alt fine grained biotite andesite	<0.005	2	0.6	24	<3	<3
PKGR-10	593985	7062302	bleached leached lim version of above poss trace scorodite	<0.005	4	<0.3	233	<3	<3
PKGR-11	593985	7062302	sandstone cut by two 2mm wide vuggy qv with lim, veins are weathered	0.028	<1	4	692	<3	4
PKGR-12	593985	7062302	moderately to intensely lim alt and bleached sandstone	<0.005	1	<0.3	113	<3	4
PKGR-13	593985	7062302	lim and goethite cemented brx siltstone	0.006	4	<0.3	779	10	<3
PKGR-14	593985	7062302	?rock with fine lim frac stkwrk fe-carb and sericite alt adjacent to fracs	<0.005	5	<0.3	37	<3	<3

2018 Grabben Soils

Sample	Type	NAD83/E	NAD83/N	Descriptions	Au	Mo	Ag	As	Sb	Bi
DGD-01	Soil	593601	7061751	Frozen B horizon material	0.011	1	0.3	32	<3	<3
DGD-02	Soil	593600	7061800	Frozen B horizon material	0.036	2	0.7	153	<3	<3
DGD-03	Soil	593601	7061852		0.043	1	<0.3	70	<3	<3
DGD-04	Soil	593600	7061900		0.034	2	0.5	129	<3	<3
DGD-05	Soil	593600	7061950		0.043	1	0.6	159	<3	<3
DGD-06	Soil	593599	7061999		0.011	<1	0.5	127	<3	<3
DGD-07	Soil	593599	7062050		0.01	1	0.3	71	<3	<3
DGD-08	Soil	593600	7062101		0.011	1	0.4	91	<3	<3
DGD-09	Soil	593800	7062350		0.012	8	0.4	53	<3	<3
DGD-10	Soil	593800	7062301		0.013	3	0.5	72	<3	<3
DGD-11	Soil	593800	7062251		0.013	3	1.1	75	<3	<3
DGD-12	Soil	593800	7062200		0.011	1	<0.3	64	<3	<3
DGD-13	Soil	593800	7062150		0.011	2	<0.3	65	<3	<3
DGD-14	Soil	593800	7062100		0.011	1	<0.3	59	<3	<3
DGD-15	Soil	593801	7062050		0.053	1	<0.3	69	<3	<3
DGD-16	Soil	593800	7062001		0.021	<1	<0.3	69	<3	<3
DGD-17	Soil	593800	7061949		0.243	1	<0.3	81	<3	<3
DGD-18	Soil	593797	7061899		0.013	1	<0.3	77	<3	<3
DGD-19	Soil	593800	7061849		0.036	2	0.7	144	3	<3
DGD-20	Soil	593986	7061849	handle deep at heli pad, likely alluvial	0.012	4	0.5	140	4	<3
GGBD-01	Soil	593196	7061844	clayey soil with rusty fragments	0.023	<1	0.3	181	5	<3
GGBD-02	Soil	593193	7061853	yellow clay rich c horizon	0.134	2	0.9	594	13	7
GGBD-03	Soil	593202	7061858	clayey soil with rusty fragments	0.029	2	0.7	111	9	7
GGBD-04	Soil	593199	7061850		0.184	2	0.4	203	4	<3
GGBD-04A	Soil	593248	7061997	old trench at this site	0.055	2	0.4	165	8	7
GGBD-05	Soil	593302	7062057		0.145	3	0.8	200	5	5
GGBD-06	Soil	593289	7062040		0.026	2	<0.3	40	<3	<3
GGBD-07	Soil	593296	7062049		0.157	3	0.4	101	<3	<3
GGBD-08	Soil	593286	7062055		0.101	3	0.4	41	<3	<3
GGBD-09	Soil	593277	7062060		0.026	3	<0.3	30	<3	<3
GGBD-10	Soil	593096	7062150		0.176	2	<0.3	192	<3	<3
GGBD-11	Soil	593000	7062150	mostly sed and clastics in soil hole	0.04	<1	<0.3	89	<3	<3
GGBD-12	Soil	593031	7062156	mostly interm intrusive in soil hole	0.185	1	0.3	244	4	33
GGBD-13	Soil	593235	7062050	qtz peb congl outcrops nearby, heli pad	<0.005	1	<0.3	28	<3	<3
GSS-01	Soil	594750	7062029		0.009	1	<0.3	37	<3	<3
GSS-02	Soil	593698	7061750		0.027	1	<0.3	49	<3	<3
GSS-03	Soil	593698	7061801		0.048	2	0.6	209	<3	4
GSS-04	Soil	593698	7061847		0.019	1	0.4	83	<3	<3
GSS-05	Soil	593697	7061901		0.026	2	0.4	77	<3	<3
GSS-06	Soil	593699	7061952		0.007	<1	<0.3	54	<3	<3
GSS-07	Soil	593700	7062002		0.009	<1	<0.3	52	<3	<3
GSS-08	Soil	593700	7062050		0.087	1	<0.3	93	<3	<3
GSS-09	Soil	593700	7062100		0.008	1	<0.3	77	<3	<3
GSS-10	Soil	593697	7062153		0.013	2	0.4	64	<3	<3
GSS-11	Soil	593899	7062150		0.006	<1	<0.3	47	<3	<3
GSS-12	Soil	593898	7062200		0.059	1	<0.3	74	<3	<3
GSS-13	Soil	593897	7062252		0.018	2	<0.3	66	<3	<3
GSS-14	Soil	593898	7062301		0.016	4	0.4	89	5	<3
GSS-15	Soil	593900	7062351		0.015	4	0.3	52	<3	<3
GSS-16	Soil	593999	7062303	possible alluvial mixed with talus	0.011	2	<0.3	64	<3	<3
GSS-17	Soil	594002	7062275	possible alluvial mixed with talus	0.008	2	<0.3	64	<3	<3
GSS-18	Soil	594000	7062251	possible alluvial mixed with talus	0.021	2	<0.3	88	<3	<3

Sample	Type	NAD83/E	NAD83/N	Descriptions	Au	Mo	Ag	As	Sb	Bi
GSS-19	Soil	593948	7062275		0.013	2	<0.3	54	<3	<3
GSS-20	Soil	593950	7062300		0.03	3	<0.3	93	3	<3
GSS-21	Soil	593950	7062324		0.019	3	0.4	61	<3	<3
KGD-01	Soil	592600	7062000	Frozen B horizon material	0.012	2	<0.3	26	<3	<3
KGD-02	Soil	592601	7062051	muddy c-b	0.013	1	<0.3	17	<3	<3
KGD-03	Soil	592599	7062100	frozen c-b	0.008	2	<0.3	14	<3	<3
KGD-04	Soil	592599	7062150	nice c	0.011	2	<0.3	53	<3	<3
KGD-05	Soil	592600	7062201	frozen c-b	0.007	<1	<0.3	21	<3	<3
KGD-06	Soil	592600	7062250	frozen b	0.01	<1	<0.3	20	<3	<3
KGD-07	Soil	592600	7062298	frozen c-b	0.046	1	<0.3	19	<3	<3
KGD-08	Soil	592601	7062350	frozen c-b	0.011	<1	<0.3	24	<3	<3
KGD-09	Soil	592600	7062401	frozen c-b	0.008	<1	<0.3	24	<3	<3
KGD-10	Soil	592900	7062400		0.024	<1	0.5	60	<3	<3
KGD-11	Soil	592899	7062350		0.043	1	0.5	486	10	8
KGD-12	Soil	592900	7062301		0.048	<1	<0.3	99	<3	4
KGD-13	Soil	592901	7062248		0.016	<1	<0.3	33	<3	<3
KGD-14	Soil	592900	7062200		0.062	<1	<0.3	30	<3	<3
KGD-15	Soil	592900	7062151		0.011	<1	<0.3	32	<3	<3
KGD-16	Soil	592899	7062099		0.011	<1	<0.3	23	<3	<3
KGD-17	Soil	592901	7062048		0.006	<1	<0.3	16	<3	<3
KGD-18	Soil	592902	7062000		0.011	<1	<0.3	26	<3	<3
KGD-19	Soil	593002	7062053		0.021	<1	<0.3	38	<3	<3
KGD-20	Soil	593006	7062065		0.008	<1	<0.3	27	<3	<3
KGD-21	Soil	593013	7062076		0.014	<1	<0.3	35	<3	<3
KGD-22	Soil	593021	7062087		0.015	<1	<0.3	48	<3	<3
KGD-23	Soil	593027	7062100		0.059	<1	<0.3	113	<3	5
KGD-24	Soil	593032	7062115		0.024	<1	<0.3	62	<3	<3
KGD-25	Soil	593041	7062122		0.102	1	0.3	247	8	22
KGD-26	Soil	593049	7062137		0.051	<1	<0.3	130	<3	10
KGD-27	Soil	593057	7062149		0.025	<1	<0.3	47	<3	<3
KGD-28	Soil	593062	7062163		0.16	<1	<0.3	140	<3	8
KGD-29	Soil	593069	7062175		0.415	<1	<0.3	50	<3	<3
KGD-30	Soil	593075	7062183		0.266	<1	0.3	353	<3	4
KGD-31	Soil	593080	7062194		0.204	<1	<0.3	160	<3	<3
KGD-32	Soil	593086	7062204		0.095	<1	<0.3	73	<3	<3
KGD-33	Soil	593092	7062214		0.076	2	0.6	195	<3	5
KGD-34	Soil	593100	706226		0.079	2	1.2	546	9	5
KGD-35	Soil	593105	7062236		0.023	2	1	130	6	<3
KGD-36	Soil	593095	7062145		0.358	2	2	143	<3	8
KGD-37	Soil	593109	7062149		0.034	1	<0.3	190	<3	<3
KGD-38	Soil	593107	7062165		0.065	1	<0.3	83	<3	<3
NGD-01	Soil	592700	7062001		0.009	1	<0.3	26	<3	<3
NGD-02	Soil	592700	7062051		0.019	<1	<0.3	23	<3	<3
NGD-03	Soil	592701	7062099		0.007	<1	<0.3	19	<3	<3
NGD-04	Soil	592701	7062152		0.011	<1	<0.3	16	<3	<3
NGD-05	Soil	592702	7062201		0.019	1	<0.3	23	<3	<3
NGD-06	Soil	592701	7062251		0.012	<1	<0.3	26	<3	<3
NGD-07	Soil	592701	7062299		0.011	<1	0.4	38	<3	4
NGD-08	Soil	592699	7062349		0.017	<1	0.3	46	<3	3
NGD-09	Soil	592702	7062399		0.016	<1	0.4	75	<3	4
NGD-10	Soil	592800	7062400		0.019	<1	<0.3	63	<3	<3
NGD-11	Soil	592800	7062348		0.02	<1	<0.3	71	<3	3
NGD-12	Soil	592799	7062300		0.025	1	<0.3	117	<3	15
NGD-13	Soil	592800	7062250		0.012	<1	<0.3	38	<3	<3

Sample	Type	NAD83/E	NAD83/N	Descriptions	Au	Mo	Ag	As	Sb	Bi
NGD-14	Soil	592801	7062199		0.013	<1	<0.3	39	<3	<3
NGD-15	Soil	592798	7062151		0.009	<1	<0.3	21	<3	<3
NGD-16	Soil	592802	7062100		0.008	<1	<0.3	16	<3	<3
NGD-17	Soil	592800	7062050		0.009	<1	<0.3	23	<3	<3
NGD-18	Soil	592800	7062000		0.025	<1	<0.3	35	<3	<3
PKGD-01	Soil	594448	7061929	possible fluvial matter mixed with talus	0.011	2	<0.3	94	<3	<3
PKGD-02	Soil	594450	7061921	possible fluvial matter mixed with talus	0.017	1	<0.3	117	<3	<3
PKGD-03	Soil	594454	7061946	possible fluvial matter mixed with talus	0.014	2	0.3	88	<3	<3
PKGD-04	Soil	594431	7061949	possible fluvial matter mixed with talus	0.02	2	<0.3	132	<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 July 6th to July 29th of the 2018 field season.

This report is based on fieldwork completed on the Grabben Project

Respectfully submitted,

_____

Bernie Kreft

Cost Statement

Fireweed Helicopters 1.0 hour	=	$1,411.83
TNTA Helicopters 2.4 hours	=	$3,035.60
Assaying 115 soils and 31 rocks (30g Au fire assay, 35 element icp)	=	$3,867.66
Wages Bernie Kreft 5 man days x $350/day	=	$1,750.00
Wages Justin Kreft 5 man days x $350/day	=	$1,750.00
Wages Jarret Kreft 5 man days x $350/day	=	$1,750.00
Food, field and Camp 15 man days $100/day	=	$1,500.00
Truck Travel 2 round trips Whitehorse-Dawson + around Dawson 2150km x $0.60/km	=	$1,290.00
Report Prep	=	$2,500.00
	TOTAL =	$18,855.09

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

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: July 13, 2018
Report Date: August 08, 2018
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI18000338.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 266

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	265	Dry at 60C			WHI
SS80	265	Dry at 60C sieve 100g to -80 mesh			WHI
FA430	265	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	265	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	263	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
DISPL	265	Disposal of pulps			VAN
SHP01	265	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

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

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

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Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 08, 2018

CERTIFICATE OF ANALYSIS WHI18000338.1

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
NGD-01	Soil	0.009	1	15	12	70	<0.3	13	7	369	1.96	26	8	13	<0.5	<3	<3	24	0.11	0.027	28
NGD-02	Soil	0.019	<1	13	8	33	<0.3	10	3	118	1.42	23	5	16	<0.5	<3	<3	23	0.16	0.028	22
NGD-03	Soil	0.007	<1	15	<3	31	<0.3	9	3	123	1.35	19	7	13	<0.5	<3	<3	17	0.12	0.022	27
NGD-04	Soil	0.011	<1	10	<3	26	<0.3	9	4	126	1.67	16	6	12	<0.5	<3	<3	30	0.10	0.014	18
NGD-05	Soil	0.019	1	21	5	35	<0.3	13	4	158	1.85	23	7	23	<0.5	<3	<3	27	0.22	0.037	25
NGD-06	Soil	0.012	<1	30	4	50	<0.3	12	4	180	2.25	26	7	19	<0.5	<3	<3	34	0.18	0.034	21
NGD-07	Soil	0.011	<1	29	3	34	0.4	11	4	122	1.83	38	7	18	<0.5	<3	4	25	0.16	0.028	25
NGD-08	Soil	0.017	<1	31	<3	37	0.3	12	4	162	1.98	46	6	21	<0.5	<3	3	29	0.20	0.038	20
NGD-09	Soil	0.016	<1	34	5	41	0.4	15	5	153	2.46	75	5	23	<0.5	<3	4	34	0.20	0.043	20
NGD-10	Soil	0.019	<1	22	<3	26	<0.3	10	4	98	1.63	63	6	19	<0.5	<3	<3	27	0.16	0.022	21
NGD-11	Soil	0.020	<1	33	4	33	<0.3	12	5	137	2.36	71	7	22	<0.5	<3	3	32	0.15	0.035	22
NGD-12	Soil	0.025	1	68	4	37	<0.3	14	6	185	3.22	117	9	20	<0.5	<3	15	38	0.10	0.046	28
NGD-13	Soil	0.012	<1	24	4	35	<0.3	12	4	152	2.44	38	5	17	<0.5	<3	<3	38	0.14	0.033	16
NGD-14	Soil	0.013	<1	22	4	24	<0.3	10	4	118	1.72	39	6	15	<0.5	<3	<3	27	0.13	0.020	22
NGD-15	Soil	0.009	<1	16	<3	24	<0.3	9	3	112	1.47	21	7	14	<0.5	<3	<3	22	0.11	0.018	21
NGD-16	Soil	0.008	<1	15	<3	27	<0.3	10	3	110	1.34	16	7	12	<0.5	<3	<3	16	0.13	0.019	26
NGD-17	Soil	0.009	<1	12	6	30	<0.3	8	3	108	1.16	23	7	13	<0.5	<3	<3	14	0.10	0.014	25
NGD-18	Soil	0.025	<1	13	6	30	<0.3	8	3	116	1.28	35	7	13	<0.5	<3	<3	16	0.12	0.019	26
GGBD-01	Soil	0.023	<1	24	4	20	0.3	7	3	108	1.63	181	7	18	<0.5	5	<3	22	0.11	0.022	23
GGBD-02	Soil	0.134	2	105	14	31	0.9	5	3	99	4.02	594	9	57	<0.5	13	7	39	0.07	0.068	27
GGBD-03	Soil	0.029	2	42	10	43	0.7	11	5	205	4.17	111	5	32	<0.5	9	7	45	0.10	0.055	21
GGBD-04	Soil	0.184	2	60	8	23	0.4	6	3	94	3.70	203	13	34	<0.5	4	<3	24	0.04	0.050	32
GGBD-4A	Soil	0.055	2	46	8	48	0.4	9	5	196	4.68	165	6	25	<0.5	8	7	48	0.07	0.069	21
GGBD-05	Soil	0.145	3	131	13	24	0.8	6	2	115	5.22	200	10	69	<0.5	5	5	51	0.09	0.122	42
GGBD-06	Soil	0.026	2	40	4	30	<0.3	13	7	162	3.63	40	8	44	<0.5	<3	<3	62	0.10	0.036	20
GGBD-07	Soil	0.157	3	74	8	35	0.4	10	5	143	5.35	101	8	62	<0.5	<3	<3	72	0.06	0.073	25
GGBD-08	Soil	0.101	3	94	10	27	0.4	9	4	98	6.43	41	7	72	<0.5	<3	<3	58	0.06	0.083	31
GGBD-09	Soil	0.026	3	89	11	34	<0.3	12	6	151	5.95	30	8	110	<0.5	<3	<3	95	0.14	0.076	25
GGBD-10	Soil	0.176	2	70	7	35	<0.3	13	9	277	4.13	192	7	31	<0.5	<3	<3	55	0.09	0.056	22

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

Project: None Given
Report Date: August 08, 2018

CERTIFICATE OF ANALYSIS WHI18000338.1

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
NGD-01	Soil	13	0.18	178	0.016	<20	0.86	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
NGD-02	Soil	14	0.21	177	0.020	<20	0.74	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
NGD-03	Soil	10	0.13	170	0.009	<20	0.63	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
NGD-04	Soil	15	0.24	144	0.022	<20	1.04	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
NGD-05	Soil	16	0.29	205	0.025	<20	1.00	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
NGD-06	Soil	19	0.29	239	0.039	<20	1.06	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
NGD-07	Soil	15	0.23	224	0.022	<20	0.95	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
NGD-08	Soil	17	0.26	260	0.032	<20	0.98	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
NGD-09	Soil	19	0.29	267	0.030	<20	1.30	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
NGD-10	Soil	15	0.23	195	0.032	<20	0.96	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
NGD-11	Soil	15	0.23	265	0.029	<20	0.90	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
NGD-12	Soil	14	0.15	271	0.021	<20	0.96	<0.01	0.13	<2	0.05	<1	<5	<5	<5
NGD-13	Soil	18	0.29	197	0.040	<20	1.06	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
NGD-14	Soil	16	0.25	207	0.026	<20	0.92	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
NGD-15	Soil	13	0.21	157	0.018	<20	0.76	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
NGD-16	Soil	10	0.15	163	0.010	<20	0.57	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
NGD-17	Soil	8	0.13	159	0.009	<20	0.45	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
NGD-18	Soil	10	0.15	181	0.010	<20	0.59	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
GGBD-01	Soil	11	0.18	195	0.016	<20	0.76	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
GGBD-02	Soil	8	0.15	450	0.021	<20	1.11	0.01	0.17	<2	0.24	<1	<5	<5	<5
GGBD-03	Soil	18	0.27	251	0.022	<20	1.11	<0.01	0.11	<2	0.12	<1	<5	<5	<5
GGBD-04	Soil	10	0.11	189	0.011	<20	0.70	0.02	0.13	<2	0.25	<1	<5	<5	<5
GGBD-4A	Soil	17	0.21	287	0.022	<20	1.10	<0.01	0.13	<2	0.19	<1	<5	<5	<5
GGBD-05	Soil	15	0.37	365	0.016	<20	1.47	0.05	0.16	<2	0.32	<1	<5	<5	<5
GGBD-06	Soil	23	0.43	195	0.086	<20	2.07	0.01	0.06	<2	<0.05	<1	<5	<5	<5
GGBD-07	Soil	22	0.44	300	0.049	<20	2.37	0.03	0.11	<2	0.21	<1	<5	<5	<5
GGBD-08	Soil	20	0.29	263	0.032	<20	1.95	0.03	0.10	<2	0.19	<1	<5	<5	<5
GGBD-09	Soil	24	0.58	297	0.120	<20	2.85	0.03	0.06	<2	0.15	<1	<5	<5	6
GGBD-10	Soil	22	0.30	178	0.023	<20	1.41	<0.01	0.08	<2	<0.05	<1	<5	<5	<5

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Project: None Given
Report Date: August 08, 2018

CERTIFICATE OF ANALYSIS WHI18000338.1

	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
GGBD-11	Soil	0.040	<1	29	<3	26	<0.3	11	4	134	2.03	89	8	14	<0.5	<3	<3	28	0.10	0.017	21
GGBD-12	Soil	0.185	1	98	9	36	0.3	10	5	136	3.45	244	7	39	<0.5	4	33	37	0.13	0.056	29
GGBD-13	Soil	<0.005	1	25	9	66	<0.3	30	11	253	3.77	28	5	12	<0.5	<3	<3	70	0.09	0.035	12
KGD-01	Soil	0.012	2	20	21	60	<0.3	13	6	295	2.09	26	5	21	<0.5	<3	<3	31	0.22	0.046	24
KGD-02	Soil	0.013	1	16	6	42	<0.3	12	4	207	1.73	17	6	21	<0.5	<3	<3	27	0.22	0.035	23
KGD-03	Soil	0.008	2	19	6	49	<0.3	13	5	220	2.03	14	8	20	<0.5	<3	<3	24	0.18	0.041	31
KGD-04	Soil	0.011	2	22	41	276	<0.3	20	9	645	3.90	53	6	18	<0.5	<3	<3	52	0.13	0.064	29
KGD-05	Soil	0.007	<1	20	31	74	<0.3	17	6	359	2.59	21	5	22	<0.5	<3	<3	44	0.23	0.045	20
KGD-06	Soil	0.010	<1	18	9	47	<0.3	12	5	140	1.99	20	<2	15	<0.5	<3	<3	31	0.17	0.046	17
KGD-07	Soil	0.046	1	25	10	60	<0.3	14	5	219	2.05	19	3	21	<0.5	<3	<3	29	0.21	0.040	24
KGD-08	Soil	0.011	<1	24	9	40	<0.3	13	4	140	1.90	24	3	21	<0.5	<3	<3	32	0.22	0.032	21
KGD-09	Soil	0.008	<1	18	7	36	<0.3	10	3	151	1.59	24	5	18	<0.5	<3	<3	23	0.19	0.029	24
KGD-10	Soil	0.024	<1	23	7	27	0.5	10	3	87	1.83	60	<2	17	<0.5	<3	<3	27	0.14	0.027	20
KGD-11	Soil	0.043	1	30	11	26	0.5	9	3	81	1.87	486	8	31	<0.5	10	8	18	0.13	0.034	28
KGD-12	Soil	0.048	<1	26	6	24	<0.3	9	3	85	1.68	99	6	16	<0.5	<3	4	25	0.13	0.020	19
KGD-13	Soil	0.016	<1	33	4	18	<0.3	7	2	68	1.44	33	8	9	<0.5	<3	<3	19	0.06	0.013	23
KGD-14	Soil	0.062	<1	27	5	21	<0.3	8	3	78	1.53	30	10	10	<0.5	<3	<3	21	0.06	0.010	26
KGD-15	Soil	0.011	<1	22	4	24	<0.3	10	3	100	1.59	32	8	14	<0.5	<3	<3	24	0.13	0.012	22
KGD-16	Soil	0.011	<1	16	6	31	<0.3	11	4	161	1.69	23	6	12	<0.5	<3	<3	28	0.11	0.011	21
KGD-17	Soil	0.006	<1	15	4	26	<0.3	10	3	116	1.47	16	5	14	<0.5	<3	<3	25	0.13	0.015	18
KGD-18	Soil	0.011	<1	18	5	34	<0.3	10	4	150	1.50	26	7	15	<0.5	<3	<3	21	0.13	0.011	25
KGD-19	Soil	0.021	<1	28	8	33	<0.3	13	6	176	2.01	38	10	14	<0.5	<3	<3	28	0.11	0.010	28
KGD-20	Soil	0.008	<1	21	5	27	<0.3	11	4	122	1.76	27	9	11	<0.5	<3	<3	25	0.09	0.010	25
KGD-21	Soil	0.014	<1	26	9	38	<0.3	16	4	156	1.99	35	6	20	<0.5	<3	<3	35	0.21	0.019	19
KGD-22	Soil	0.015	<1	36	8	33	<0.3	13	6	174	2.10	48	7	15	<0.5	<3	<3	32	0.11	0.011	21
KGD-23	Soil	0.059	<1	35	7	25	<0.3	9	4	109	1.95	113	6	14	<0.5	<3	5	24	0.09	0.013	20
KGD-24	Soil	0.024	<1	35	4	21	<0.3	10	5	87	1.80	62	11	10	<0.5	<3	<3	20	0.06	0.011	25
KGD-25	Soil	0.102	1	69	13	25	0.3	7	4	116	3.48	247	8	23	<0.5	8	22	25	0.03	0.045	29
KGD-26	Soil	0.051	<1	48	8	33	<0.3	11	5	149	2.31	130	4	22	<0.5	<3	10	34	0.14	0.032	20
KGD-27	Soil	0.025	<1	51	9	37	<0.3	13	5	163	2.69	47	5	24	<0.5	<3	<3	45	0.13	0.024	21

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Project: None Given
Report Date: August 08, 2018

CERTIFICATE OF ANALYSIS WHI18000338.1

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
GGBD-11	Soil	16	0.26	164	0.023	<20	0.88	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
GGBD-12	Soil	15	0.28	270	0.027	<20	0.91	<0.01	0.10	<2	0.13	<1	<5	<5	<5
GGBD-13	Soil	37	0.54	260	0.054	<20	2.75	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
KGD-01	Soil	17	0.24	249	0.018	<20	0.96	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
KGD-02	Soil	16	0.24	269	0.023	<20	0.88	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-03	Soil	14	0.22	194	0.013	<20	0.90	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
KGD-04	Soil	26	0.28	302	0.016	<20	1.44	<0.01	0.05	<2	<0.05	<1	<5	5	6
KGD-05	Soil	23	0.41	243	0.038	<20	1.31	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-06	Soil	18	0.30	161	0.026	<20	1.17	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-07	Soil	19	0.27	245	0.023	<20	1.10	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-08	Soil	18	0.31	245	0.028	<20	1.13	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
KGD-09	Soil	13	0.21	214	0.024	<20	0.73	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-10	Soil	16	0.24	245	0.024	<20	1.09	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-11	Soil	10	0.16	210	0.014	<20	0.58	<0.01	0.12	<2	0.13	<1	<5	<5	<5
KGD-12	Soil	14	0.21	174	0.025	<20	0.74	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-13	Soil	9	0.15	123	0.015	<20	0.61	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
KGD-14	Soil	12	0.15	154	0.016	<20	0.71	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
KGD-15	Soil	14	0.22	188	0.021	<20	0.74	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-16	Soil	14	0.26	169	0.023	<20	0.94	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-17	Soil	15	0.26	176	0.026	<20	0.79	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
KGD-18	Soil	13	0.19	224	0.017	<20	0.68	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
KGD-19	Soil	16	0.25	245	0.024	<20	0.95	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
KGD-20	Soil	13	0.21	193	0.019	<20	0.83	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-21	Soil	20	0.35	327	0.038	<20	1.06	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
KGD-22	Soil	18	0.27	246	0.033	<20	1.02	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-23	Soil	15	0.20	190	0.023	<20	0.77	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-24	Soil	11	0.15	150	0.014	<20	0.81	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
KGD-25	Soil	6	0.10	187	0.009	<20	0.73	<0.01	0.12	<2	0.15	<1	<5	<5	<5
KGD-26	Soil	14	0.29	224	0.033	<20	0.99	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-27	Soil	21	0.34	242	0.044	<20	1.30	<0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Project: None Given
Report Date: August 08, 2018

CERTIFICATE OF ANALYSIS WHI18000338.1

	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
KGD-28	Soil	0.160	<1	64	7	25	<0.3	11	4	114	2.92	140	8	23	<0.5	<3	8	36	0.08	0.027	24
KGD-29	Soil	0.415	<1	37	8	34	<0.3	16	6	178	2.45	50	5	19	<0.5	<3	<3	37	0.10	0.023	19
KGD-30	Soil	0.266	<1	50	11	33	0.3	13	7	171	2.36	353	5	24	<0.5	<3	4	32	0.11	0.028	20
KGD-31	Soil	0.204	<1	44	8	36	<0.3	14	6	159	2.47	160	6	34	<0.5	<3	<3	36	0.13	0.026	19
KGD-32	Soil	0.095	<1	51	11	34	<0.3	12	5	131	2.66	73	5	42	<0.5	<3	<3	37	0.13	0.030	26
KGD-33	Soil	0.076	2	127	20	81	0.6	12	7	226	4.98	195	6	90	<0.5	<3	5	61	0.17	0.092	38
KGD-34	Soil	0.079	2	40	17	43	1.2	14	7	222	3.90	546	4	43	<0.5	9	5	50	0.09	0.056	19
KGD-35	Soil	0.023	2	106	20	50	1.0	10	7	212	5.18	130	7	48	<0.5	6	<3	44	0.09	0.096	25
KGD-36	Soil	0.358	2	142	19	40	2.0	14	6	188	4.30	143	8	66	<0.5	<3	8	54	0.10	0.044	45
KGD-37	Soil	0.034	1	73	7	41	<0.3	19	9	214	2.90	190	7	26	<0.5	<3	<3	42	0.11	0.019	23
KGD-38	Soil	0.065	1	47	7	34	<0.3	15	9	456	2.68	83	6	22	<0.5	<3	<3	36	0.11	0.025	20

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Project: None Given
Report Date: August 08, 2018

CERTIFICATE OF ANALYSIS WHI18000338.1

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
KGD-28	Soil	15	0.21	208	0.042	<20	1.22	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-29	Soil	19	0.28	158	0.042	<20	1.53	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-30	Soil	17	0.26	173	0.031	<20	0.86	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-31	Soil	19	0.33	229	0.035	<20	1.07	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
KGD-32	Soil	19	0.29	237	0.039	<20	1.10	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
KGD-33	Soil	23	0.46	329	0.031	<20	1.28	0.02	0.11	<2	0.21	<1	<5	<5	6
KGD-34	Soil	24	0.29	227	0.037	<20	1.67	<0.01	0.10	<2	0.12	<1	<5	<5	<5
KGD-35	Soil	17	0.24	250	0.018	<20	0.90	0.01	0.14	<2	0.23	<1	<5	<5	<5
KGD-36	Soil	26	0.50	258	0.029	<20	1.43	0.02	0.06	<2	0.08	<1	<5	<5	5
KGD-37	Soil	25	0.35	238	0.044	<20	1.30	<0.01	0.06	<2	<0.05	<1	<5	<5	5
KGD-38	Soil	18	0.27	165	0.024	<20	1.21	<0.01	0.08	<2	<0.05	<1	<5	<5	<5

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Project: None Given
Report Date: August 08, 2018

QUALITY CONTROL REPORT WHI18000338.1

	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
Pulp Duplicates																					
GGBD-04	Soil	0.184	2	60	8	23	0.4	6	3	94	3.70	203	13	34	<0.5	4	<3	24	0.04	0.050	32
REP GGBD-04	QC		2	61	9	23	0.4	7	3	98	3.79	208	13	35	<0.5	5	<3	25	0.05	0.052	32
KGD-23	Soil	0.059	<1	35	7	25	<0.3	9	4	109	1.95	113	6	14	<0.5	<3	5	24	0.09	0.013	20
REP KGD-23	QC	0.055																			
KGD-26	Soil	0.051	<1	48	8	33	<0.3	11	5	149	2.31	130	4	22	<0.5	<3	10	34	0.14	0.032	20
REP KGD-26	QC		<1	50	7	34	0.3	12	5	154	2.40	135	5	23	<0.5	<3	13	34	0.15	0.034	20
KGD-31	Soil	0.204	<1	44	8	36	<0.3	14	6	159	2.47	160	6	34	<0.5	<3	<3	36	0.13	0.026	19
REP KGD-31	QC	0.125																			
KVD-24	Soil	0.028	<1	23	10	42	<0.3	20	8	470	2.46	7	4	213	<0.5	<3	<3	51	0.72	0.026	13
REP KVD-24	QC		<1	23	8	42	<0.3	20	8	467	2.45	7	3	211	<0.5	<3	<3	50	0.72	0.026	12
SMS-13	Soil	0.027	2	42	11	72	0.8	27	10	418	3.28	42	3	20	<0.5	<3	<3	59	0.14	0.066	16
REP SMS-13	QC		2	43	10	74	0.9	27	10	422	3.32	41	4	21	<0.5	<3	<3	59	0.14	0.066	16
SMS-34	Soil	0.007	2	36	13	73	<0.3	44	12	861	3.23	27	<2	16	<0.5	<3	<3	59	0.20	0.067	13
REP SMS-34	QC	0.006																			
SMS-37	Soil	0.010	2	41	12	116	0.4	42	12	653	3.15	15	4	18	<0.5	<3	<3	54	0.21	0.076	15
REP SMS-37	QC	0.015																			
SMS-48	Soil	<0.005	1	20	10	55	<0.3	23	12	354	3.39	15	3	13	<0.5	<3	<3	66	0.14	0.053	13
REP SMS-48	QC		1	19	10	54	<0.3	22	11	345	3.29	15	3	13	<0.5	<3	<3	64	0.13	0.052	12
NUD-14	Soil	0.011	<1	23	12	50	<0.3	22	9	440	2.68	7	3	249	<0.5	<3	<3	52	1.04	0.031	14
REP NUD-14	QC	0.018																			
NUD-23	Soil	0.023	<1	27	10	54	<0.3	23	10	445	2.80	10	4	138	<0.5	<3	<3	60	0.81	0.017	15
REP NUD-23	QC		<1	27	9	53	<0.3	23	10	449	2.83	9	5	141	<0.5	<3	<3	60	0.81	0.017	16
XTBD-01	Soil	0.013	2	26	20	60	0.3	26	11	370	2.84	33	4	17	<0.5	<3	<3	54	0.18	0.061	13
REP XTBD-01	QC	0.012																			
XTBD-14	Soil	0.007	2	57	12	126	<0.3	66	16	691	4.02	11	6	16	<0.5	<3	<3	68	0.19	0.081	21
REP XTBD-14	QC		2	57	12	125	0.3	65	16	709	4.00	11	5	16	<0.5	<3	<3	67	0.19	0.080	20
TSD-21	Soil	0.043	1	63	7	94	<0.3	92	16	822	3.92	125	3	11	<0.5	<3	<3	87	0.11	0.052	15
REP TSD-21	QC		1	64	8	95	<0.3	92	16	829	3.95	128	5	11	<0.5	<3	<3	88	0.11	0.051	15

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

Project: None Given
Report Date: August 08, 2018

QUALITY CONTROL REPORT WHI18000338.1

	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
Pulp Duplicates															
GGBD-04	Soil	10	0.11	189	0.011	<20	0.70	0.02	0.13	<2	0.25	<1	<5	<5	<5
REP GGBD-04	QC	10	0.11	192	0.011	<20	0.71	0.02	0.14	<2	0.24	<1	<5	<5	<5
KGD-23	Soil	15	0.20	190	0.023	<20	0.77	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP KGD-23	QC														
KGD-26	Soil	14	0.29	224	0.033	<20	0.99	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
REP KGD-26	QC	17	0.30	231	0.033	<20	1.02	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
KGD-31	Soil	19	0.33	229	0.035	<20	1.07	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
REP KGD-31	QC														
KVD-24	Soil	28	0.45	545	0.067	<20	1.56	0.03	0.06	<2	<0.05	<1	<5	<5	5
REP KVD-24	QC	26	0.46	540	0.064	<20	1.54	0.03	0.06	<2	<0.05	<1	<5	<5	5
SMS-13	Soil	33	0.51	142	0.052	<20	2.10	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP SMS-13	QC	33	0.51	143	0.052	<20	2.12	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
SMS-34	Soil	40	0.46	214	0.041	<20	1.57	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
REP SMS-34	QC														
SMS-37	Soil	31	0.43	138	0.055	<20	1.36	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP SMS-37	QC														
SMS-48	Soil	35	0.45	159	0.061	<20	2.62	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
REP SMS-48	QC	34	0.44	155	0.059	<20	2.59	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
NUD-14	Soil	29	0.55	516	0.061	<20	1.62	0.02	0.08	<2	<0.05	<1	<5	<5	5
REP NUD-14	QC														
NUD-23	Soil	31	0.54	551	0.082	<20	1.82	0.03	0.07	<2	<0.05	<1	<5	<5	6
REP NUD-23	QC	31	0.54	565	0.085	<20	1.87	0.03	0.07	<2	<0.05	<1	<5	<5	6
XTBD-01	Soil	29	0.40	169	0.068	<20	1.72	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
REP XTBD-01	QC														
XTBD-14	Soil	82	1.25	143	0.048	<20	2.02	<0.01	0.10	<2	<0.05	<1	<5	<5	6
REP XTBD-14	QC	81	1.25	147	0.048	<20	2.02	<0.01	0.10	<2	<0.05	<1	<5	<5	6
TSD-21	Soil	133	1.80	247	0.060	<20	2.51	<0.01	0.17	<2	<0.05	<1	<5	7	10
REP TSD-21	QC	138	1.80	248	0.059	<20	2.53	<0.01	0.17	<2	<0.05	<1	<5	7	10

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

Project: None Given
Report Date: August 08, 2018

QUALITY CONTROL REPORT WHI18000338.1

		FA430 Au ppm 0.005	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01	AQ300 P % 0.001	AQ300 La ppm 1
Reference Materials																					
STD DS11	Standard		14	147	140	344	1.4	78	12	1077	3.19	43	8	70	2.1	7	9	48	1.07	0.071	18
STD DS11	Standard		15	143	138	340	1.5	76	12	1011	3.01	42	6	66	2.0	6	11	48	1.04	0.070	17
STD DS11	Standard		13	144	129	348	1.4	76	12	1025	3.10	46	8	67	2.2	6	10	48	1.04	0.070	18
STD DS11	Standard		13	140	118	325	1.7	74	12	970	3.04	41	8	61	1.8	6	11	45	1.01	0.066	16
STD DS11	Standard		13	145	133	328	1.7	76	13	978	3.07	40	7	61	2.1	7	12	47	1.01	0.067	16
STD DS11	Standard		14	148	132	333	1.6	77	13	996	3.13	41	8	66	2.4	7	10	49	1.07	0.070	17
STD DS11	Standard		15	141	127	326	1.6	75	13	990	3.05	41	7	63	2.2	6	13	48	1.02	0.068	17
STD DS11	Standard		14	149	134	345	1.4	79	13	1031	3.27	44	6	68	2.2	7	12	49	1.08	0.070	18
STD DS11	Standard		13	145	128	346	1.5	77	12	1037	3.28	43	6	68	2.2	8	11	49	1.06	0.070	17
STD OREAS45EA	Standard		1	689	14	32	<0.3	379	51	405	22.15	4	9	4	<0.5	<3	<3	303	0.04	0.030	8
STD OREAS45EA	Standard		2	680	14	32	0.4	374	50	398	21.02	4	6	4	<0.5	<3	<3	298	0.04	0.029	8
STD OREAS45EA	Standard		2	703	10	33	<0.3	396	52	409	22.89	4	5	4	<0.5	<3	<3	313	0.04	0.030	9
STD OREAS45EA	Standard		2	671	13	29	0.5	362	47	396	20.56	10	10	4	<0.5	<3	<3	294	0.03	0.028	7
STD OREAS45EA	Standard		2	696	13	30	0.5	380	52	416	22.85	11	11	4	<0.5	<3	<3	306	0.03	0.030	8
STD OREAS45EA	Standard		2	688	14	30	0.4	375	51	413	22.59	12	11	4	<0.5	<3	<3	303	0.03	0.030	8
STD OREAS45EA	Standard		2	691	12	31	0.4	382	52	418	23.89	12	11	4	<0.5	<3	<3	308	0.03	0.030	8
STD OREAS45EA	Standard		2	716	14	33	<0.3	414	54	411	23.52	5	6	4	<0.5	<3	<3	323	0.04	0.030	9
STD OREAS45EA	Standard		2	731	13	34	<0.3	415	54	424	23.33	5	5	4	<0.5	<3	<3	322	0.04	0.031	9
STD OXC145	Standard	0.211																			
STD OXC145	Standard	0.216																			
STD OXC145	Standard	0.211																			
STD OXC145	Standard	0.221																			
STD OXC145	Standard	0.216																			
STD OXH139	Standard	1.326																			
STD OXH139	Standard	1.399																			
STD OXH139	Standard	1.377																			
STD OXH139	Standard	1.367																			
STD OXH139	Standard	1.357																			

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1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 08, 2018

QUALITY CONTROL REPORT WHI18000338.1

		AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
Reference Materials															
STD DS11	Standard	58	0.84	435	0.094	<20	1.20	0.07	0.41	3	0.28	<1	5	<5	<5
STD DS11	Standard	57	0.83	404	0.089	<20	1.12	0.07	0.40	3	0.28	<1	<5	<5	<5
STD DS11	Standard	56	0.82	416	0.089	<20	1.15	0.07	0.40	3	0.28	<1	6	<5	<5
STD DS11	Standard	57	0.80	372	0.083	<20	1.08	0.07	0.38	2	0.26	<1	<5	<5	<5
STD DS11	Standard	58	0.80	367	0.086	<20	1.08	0.07	0.39	<2	0.26	<1	<5	<5	<5
STD DS11	Standard	59	0.83	427	0.089	<20	1.15	0.07	0.41	2	0.29	<1	<5	<5	<5
STD DS11	Standard	58	0.81	383	0.088	<20	1.12	0.07	0.39	2	0.27	<1	5	<5	<5
STD DS11	Standard	58	0.84	405	0.094	<20	1.17	0.07	0.41	3	0.28	<1	5	5	<5
STD DS11	Standard	57	0.84	414	0.093	<20	1.15	0.07	0.41	3	0.28	<1	5	<5	<5
STD OREAS45EA	Standard	857	0.09	148	0.096	<20	3.26	0.02	0.05	<2	<0.05	<1	<5	7	83
STD OREAS45EA	Standard	848	0.09	144	0.097	<20	3.22	0.02	0.05	<2	<0.05	<1	<5	11	81
STD OREAS45EA	Standard	884	0.10	150	0.097	<20	3.44	0.01	0.06	<2	<0.05	<1	<5	13	86
STD OREAS45EA	Standard	911	0.09	144	0.095	<20	3.29	0.02	0.05	<2	<0.05	<1	<5	10	83
STD OREAS45EA	Standard	916	0.09	150	0.101	<20	3.47	0.02	0.05	<2	<0.05	<1	<5	12	87
STD OREAS45EA	Standard	917	0.09	148	0.100	<20	3.43	0.02	0.06	<2	<0.05	<1	<5	11	87
STD OREAS45EA	Standard	907	0.10	151	0.099	<20	3.45	0.02	0.06	<2	<0.05	<1	<5	9	88
STD OREAS45EA	Standard	922	0.10	149	0.103	20	3.52	0.02	0.06	<2	<0.05	<1	<5	27	88
STD OREAS45EA	Standard	918	0.10	152	0.111	24	3.62	0.02	0.06	<2	<0.05	<1	<5	26	89
STD OXC145	Standard														
STD OXC145	Standard														
STD OXC145	Standard														
STD OXC145	Standard														
STD OXC145	Standard														
STD OXH139	Standard														
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Project: None Given

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QUALITY CONTROL REPORT WHI18000338.1

		FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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
STD OXN134	Standard	7.980																			
STD OXN134	Standard	8.112																			
STD OXN134	Standard	8.055																			
STD OXN134	Standard	7.692																			
STD OXN134	Standard	8.016																			
STD OXN134 Expected		7.667																			
STD OXC145 Expected		0.212																			
STD OXH139 Expected		1.312																			
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	22.65	11	10.7	4.05				303	0.036	0.029	7.06
STD DS11 Expected			13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701	18.6
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
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BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1

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QUALITY CONTROL REPORT WHI18000338.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134 Expected															
STD OXC145 Expected															
STD OXH139 Expected															
STD OREAS45EA Expected		849	0.095	148	0.0984		3.32	0.02	0.053		0.036			12.4	78
STD DS11 Expected		61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	2	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

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1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: July 30, 2018
Report Date: August 21, 2018
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI18000496.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 203

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
DY060	203	Dry at 60C			WHI
SS80	203	Dry at 60C sieve 100g to -80 mesh			WHI
FA430	202	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	203	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	202	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SVRJT	203	Save all or part of Soil Reject			WHI
SHP01	203	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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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: August 21, 2018

CERTIFICATE OF ANALYSIS WHI18000496.1

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
PKGD-01	Soil	0.011	2	21	13	50	<0.3	16	8	697	2.56	94	4	23	<0.5	<3	<3	36	0.24	0.062	21
PKGD-02	Soil	0.017	1	29	12	46	<0.3	17	6	298	2.64	117	4	31	<0.5	<3	<3	43	0.34	0.064	19
PKGD-03	Soil	0.014	2	28	12	55	0.3	23	7	279	2.68	88	7	32	<0.5	<3	<3	41	0.35	0.062	23
PKGD-04	Soil	0.020	2	25	17	48	<0.3	15	10	812	2.84	132	7	21	<0.5	<3	<3	35	0.19	0.059	29

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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
PKGD-01	Soil	18	0.24	219	0.030	<20	0.90	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
PKGD-02	Soil	22	0.31	314	0.041	<20	1.02	0.01	0.06	<2	<0.05	<1	<5	<5	<5
PKGD-03	Soil	28	0.32	283	0.048	<20	1.16	0.01	0.08	<2	<0.05	<1	<5	<5	<5
PKGD-04	Soil	16	0.17	233	0.019	<20	0.79	<0.01	0.10	<2	<0.05	<1	<5	<5	<5

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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
GSS-01	Soil	0.009	1	24	6	67	<0.3	21	9	407	2.75	37	4	29	<0.5	<3	<3	49	0.38	0.072	16
GSS-02	Soil	0.027	1	15	9	51	<0.3	17	7	294	2.29	49	3	35	<0.5	<3	<3	40	0.28	0.062	16
GSS-03	Soil	0.048	2	39	7	39	0.6	11	4	83	3.44	209	4	21	<0.5	<3	4	43	0.15	0.073	21

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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
GSS-01	Soil	27	0.44	349	0.054	<20	1.24	0.01	0.06	<2	<0.05	<1	<5	<5	<5
GSS-02	Soil	27	0.36	286	0.040	<20	1.31	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
GSS-03	Soil	19	0.24	282	0.015	<20	1.52	<0.01	0.08	<2	<0.05	<1	<5	<5	<5

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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
GSS-04	Soil	0.019	1	24	5	39	0.4	13	6	126	2.57	83	4	23	<0.5	<3	<3	47	0.19	0.032	16
GSS-05	Soil	0.026	2	31	6	52	0.4	19	8	304	2.66	77	5	32	<0.5	<3	<3	48	0.32	0.060	18
GSS-06	Soil	0.007	<1	20	5	51	<0.3	17	7	229	2.46	54	4	30	<0.5	<3	<3	47	0.39	0.052	13
GSS-07	Soil	0.009	<1	27	6	49	<0.3	20	8	256	2.50	52	4	32	<0.5	<3	<3	45	0.43	0.064	15
GSS-08	Soil	0.087	1	22	6	36	<0.3	15	5	180	2.26	93	6	24	<0.5	<3	<3	34	0.26	0.049	18
GSS-09	Soil	0.008	1	22	6	41	<0.3	15	7	347	2.37	77	6	22	<0.5	<3	<3	38	0.23	0.035	19
GSS-10	Soil	0.013	2	29	6	42	0.4	17	6	231	2.68	64	5	16	<0.5	<3	<3	48	0.14	0.043	16
GSS-11	Soil	0.006	<1	19	3	32	<0.3	13	5	143	1.97	47	5	20	<0.5	<3	<3	34	0.22	0.031	15
GSS-12	Soil	0.059	1	22	5	38	<0.3	14	6	206	2.21	74	5	21	<0.5	<3	<3	40	0.22	0.030	15
GSS-13	Soil	0.018	2	22	8	41	<0.3	14	7	201	2.31	66	5	20	<0.5	<3	<3	42	0.20	0.031	16
GSS-14	Soil	0.016	4	94	13	47	0.4	16	10	300	3.31	89	9	32	<0.5	5	<3	44	0.22	0.061	24
GSS-15	Soil	0.015	4	35	7	47	0.3	18	7	189	2.40	52	5	24	<0.5	<3	<3	43	0.27	0.045	16
GSS-16	Soil	0.011	2	33	8	45	<0.3	17	6	183	2.28	64	5	26	<0.5	<3	<3	39	0.29	0.045	17
GSS-17	Soil	0.008	2	44	7	59	<0.3	20	8	249	2.58	64	5	31	<0.5	<3	<3	44	0.37	0.064	19
GSS-18	Soil	0.021	2	28	7	40	<0.3	15	7	302	2.41	88	6	24	<0.5	<3	<3	42	0.23	0.033	18
GSS-19	Soil	0.013	2	29	8	42	<0.3	16	6	191	2.32	54	6	27	<0.5	<3	<3	41	0.30	0.043	18
GSS-20	Soil	0.030	3	46	10	48	<0.3	19	7	215	2.67	93	5	26	<0.5	3	<3	43	0.24	0.053	17
GSS-21	Soil	0.019	3	41	9	40	0.4	15	6	150	2.33	61	5	24	<0.5	<3	<3	38	0.24	0.048	17

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CERTIFICATE OF ANALYSIS WHI18000496.1

	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
GSS-04	Soil	22	0.34	281	0.035	<20	1.48	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-05	Soil	28	0.42	390	0.049	<20	1.46	0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-06	Soil	24	0.46	319	0.052	<20	1.31	0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-07	Soil	24	0.46	354	0.052	<20	1.33	0.02	0.05	<2	<0.05	<1	<5	<5	<5
GSS-08	Soil	19	0.29	247	0.034	<20	0.92	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-09	Soil	20	0.33	270	0.038	<20	1.05	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
GSS-10	Soil	24	0.35	284	0.032	<20	1.58	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
GSS-11	Soil	18	0.30	234	0.041	<20	1.06	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
GSS-12	Soil	20	0.32	218	0.052	<20	1.19	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-13	Soil	21	0.32	229	0.046	<20	1.34	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-14	Soil	21	0.36	318	0.046	<20	1.46	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
GSS-15	Soil	24	0.39	283	0.046	<20	1.34	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-16	Soil	23	0.36	281	0.054	<20	1.17	0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-17	Soil	26	0.39	313	0.062	<20	1.20	0.01	0.06	<2	<0.05	<1	<5	<5	<5
GSS-18	Soil	21	0.32	269	0.053	<20	1.16	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
GSS-19	Soil	23	0.37	296	0.059	<20	1.23	0.01	0.05	<2	<0.05	<1	<5	<5	<5
GSS-20	Soil	27	0.34	227	0.054	<20	1.27	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
GSS-21	Soil	22	0.34	200	0.043	<20	1.25	<0.01	0.05	<2	<0.05	<1	<5	<5	<5

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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
DGD-01	Soil	0.011	1	23	16	60	0.3	15	8	543	2.67	32	2	42	<0.5	<3	<3	44	0.32	0.068	20
DGD-02	Soil	0.036	2	41	12	37	0.7	11	4	95	2.59	153	2	23	<0.5	<3	<3	39	0.16	0.056	23
DGD-03	Soil	0.043	1	28	11	45	<0.3	17	7	261	2.73	70	4	31	<0.5	<3	<3	48	0.30	0.052	18
DGD-04	Soil	0.034	2	42	13	53	0.5	18	7	233	3.16	129	5	28	<0.5	<3	<3	54	0.22	0.051	18
DGD-05	Soil	0.043	1	38	16	50	0.6	20	7	247	2.62	159	6	34	<0.5	<3	<3	47	0.36	0.055	20
DGD-06	Soil	0.011	<1	18	10	43	0.5	15	6	211	2.44	127	4	21	<0.5	<3	<3	51	0.19	0.022	15
DGD-07	Soil	0.010	1	22	11	45	0.3	18	7	260	2.68	71	4	25	<0.5	<3	<3	51	0.28	0.036	16
DGD-08	Soil	0.011	1	22	11	42	0.4	16	6	245	2.35	91	4	23	<0.5	<3	<3	45	0.21	0.038	16
DGD-09	Soil	0.012	8	36	22	53	0.4	17	8	287	2.79	53	5	28	<0.5	<3	<3	49	0.27	0.058	18
DGD-10	Soil	0.013	3	42	20	45	0.5	15	7	213	2.72	72	5	28	<0.5	<3	<3	45	0.24	0.055	17
DGD-11	Soil	0.013	3	49	14	44	1.1	16	8	238	2.67	75	4	23	<0.5	<3	<3	43	0.21	0.046	19
DGD-12	Soil	0.011	1	19	11	37	<0.3	14	6	184	2.22	64	5	19	<0.5	<3	<3	44	0.19	0.021	17
DGD-13	Soil	0.011	2	23	12	42	<0.3	17	7	244	2.49	65	4	22	<0.5	<3	<3	47	0.22	0.032	18
DGD-14	Soil	0.011	1	24	13	42	<0.3	18	7	289	2.53	59	5	27	<0.5	<3	<3	48	0.29	0.037	17
DGD-15	Soil	0.053	1	23	11	45	<0.3	18	6	206	2.39	69	5	29	<0.5	<3	<3	43	0.34	0.053	18
DGD-16	Soil	0.021	<1	22	10	49	<0.3	18	7	279	2.40	69	5	33	<0.5	<3	<3	45	0.43	0.063	16
DGD-17	Soil	0.243	1	22	12	52	<0.3	18	7	283	2.52	81	4	32	<0.5	<3	<3	46	0.38	0.055	17
DGD-18	Soil	0.013	1	25	12	44	<0.3	17	7	212	2.58	77	5	28	<0.5	<3	<3	45	0.28	0.048	19
DGD-19	Soil	0.036	2	36	13	38	0.7	13	4	102	3.04	144	5	19	<0.5	3	<3	43	0.14	0.058	22
DGD-20	Soil	0.012	4	92	24	51	0.5	21	8	240	3.32	140	8	36	<0.5	4	<3	50	0.34	0.051	24

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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
DGD-01	Soil	18	0.37	436	0.024	<20	1.90	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
DGD-02	Soil	14	0.28	302	0.019	<20	1.29	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
DGD-03	Soil	21	0.42	347	0.055	<20	1.50	0.01	0.05	<2	<0.05	<1	<5	<5	<5
DGD-04	Soil	25	0.43	339	0.046	<20	1.85	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-05	Soil	20	0.43	357	0.059	<20	1.30	0.02	0.07	<2	<0.05	<1	<5	<5	<5
DGD-06	Soil	21	0.43	289	0.050	<20	1.44	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-07	Soil	24	0.45	356	0.055	<20	1.56	0.01	0.07	<2	<0.05	<1	<5	<5	<5
DGD-08	Soil	19	0.39	252	0.049	<20	1.29	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-09	Soil	20	0.43	221	0.058	<20	1.54	0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-10	Soil	18	0.38	246	0.045	<20	1.37	0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-11	Soil	15	0.38	268	0.037	<20	1.55	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
DGD-12	Soil	20	0.40	250	0.052	<20	1.30	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
DGD-13	Soil	19	0.40	308	0.048	<20	1.48	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-14	Soil	21	0.38	326	0.044	<20	1.52	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-15	Soil	20	0.41	297	0.058	<20	1.31	0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-16	Soil	21	0.44	328	0.057	<20	1.32	0.02	0.07	<2	<0.05	<1	<5	<5	<5
DGD-17	Soil	21	0.43	330	0.053	<20	1.37	0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-18	Soil	19	0.37	345	0.045	<20	1.36	0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-19	Soil	16	0.25	185	0.022	<20	1.32	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DGD-20	Soil	22	0.39	295	0.070	<20	1.64	0.01	0.09	<2	<0.05	<1	<5	<5	<5

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PHONE (604) 253-3158

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

Project: None Given
Report Date: August 21, 2018

QUALITY CONTROL REPORT WHI18000496.1

	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
Pulp Duplicates																					
TCD-06	Soil	0.114	1	61	10	81	<0.3	45	21	581	4.35	627	5	37	<0.5	<3	<3	92	0.25	0.091	23
REP TCD-06	QC		1	63	12	83	<0.3	47	21	623	4.63	642	6	40	<0.5	<3	<3	95	0.27	0.094	24
BLPD-04	Soil	0.220	1	23	313	146	1.4	19	9	388	3.43	133	3	20	0.6	3	<3	54	0.11	0.031	10
REP BLPD-04	QC	0.262																			
UQS-09	Soil	0.018	1	10	26	103	<0.3	9	8	461	3.32	11	4	30	<0.5	<3	<3	74	0.12	0.037	14
REP UQS-09	QC	0.019																			
UQS-14	Soil	0.016	<1	26	25	92	<0.3	14	7	518	2.49	8	3	32	<0.5	<3	<3	54	0.17	0.016	11
REP UQS-14	QC		<1	26	25	92	<0.3	14	7	518	2.49	8	3	32	<0.5	<3	<3	54	0.17	0.016	11
UTPD-24	Soil	0.007	<1	76	9	53	<0.3	15	23	860	4.92	6	<2	361	<0.5	<3	4	90	8.68	0.148	16
REP UTPD-24	QC		<1	75	9	54	<0.3	15	23	870	5.04	6	<2	357	<0.5	<3	5	89	8.75	0.152	16
GSS-03	Soil	0.048	2	39	7	39	0.6	11	4	83	3.44	209	4	21	<0.5	<3	4	43	0.15	0.073	21
REP GSS-03	QC	0.067																			
DTVD-06	Soil	0.288	1	19	171	84	0.7	16	7	326	2.90	287	2	16	<0.5	<3	<3	45	0.15	0.026	9
REP DTVD-06	QC	0.470	1	19	176	85	1.6	16	7	324	2.91	283	3	16	<0.5	<3	<3	45	0.15	0.027	9
DTVD-42	Soil	0.047	<1	16	41	106	<0.3	18	7	253	3.13	18	5	29	<0.5	<3	<3	68	0.17	0.020	14
REP DTVD-42	QC		<1	16	42	105	<0.3	18	7	250	3.14	18	5	29	<0.5	<3	<3	68	0.17	0.020	14
BQCD-03	Soil	0.019	1	25	24	77	<0.3	25	8	348	3.39	19	6	26	<0.5	<3	<3	65	0.24	0.016	22
REP BQCD-03	QC	0.023																			
BQCD-18	Soil	0.016	1	16	32	106	<0.3	18	13	1237	4.75	19	4	14	<0.5	<3	<3	75	0.12	0.055	13
REP BQCD-18	QC	0.017																			
DGD-01	Soil	0.011	1	23	16	60	0.3	15	8	543	2.67	32	2	42	<0.5	<3	<3	44	0.32	0.068	20
REP DGD-01	QC		1	23	16	59	0.4	15	8	524	2.60	32	2	41	<0.5	<3	<3	43	0.31	0.066	19
Reference Materials																					
STD DS11	Standard		15	144	134	332	2.0	76	13	1020	3.07	44	5	67	2.3	7	10	50	1.03	0.072	18
STD DS11	Standard		14	154	141	351	1.7	81	14	1070	3.29	43	7	66	2.1	8	15	50	1.09	0.073	17
STD DS11	Standard		13	152	130	351	1.7	78	14	1043	3.18	45	7	63	2.1	6	13	48	1.05	0.072	16
STD DS11	Standard		14	154	130	365	1.8	80	14	1083	3.34	44	7	67	2.0	7	13	49	1.11	0.073	17
STD DS11	Standard		14	148	138	340	1.6	74	13	1039	3.11	45	7	66	2.2	8	10	48	1.05	0.070	17

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

Project: None Given
Report Date: August 21, 2018

QUALITY CONTROL REPORT WHI18000496.1

	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
Pulp Duplicates															
TCD-06	Soil	102	1.13	674	0.203	<20	2.36	<0.01	0.72	8	0.09	<1	<5	12	7
REP TCD-06	QC	108	1.21	723	0.213	<20	2.53	<0.01	0.74	7	0.09	<1	<5	9	7
BLPD-04	Soil	27	0.39	290	0.048	<20	2.03	<0.01	0.13	<2	0.12	<1	<5	<5	<5
REP BLPD-04	QC														
UQS-09	Soil	17	0.21	229	0.031	<20	1.45	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP UQS-09	QC														
UQS-14	Soil	21	0.36	203	0.037	<20	1.54	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP UQS-14	QC	22	0.36	203	0.035	<20	1.52	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
UTPD-24	Soil	14	0.92	409	0.013	<20	1.59	0.01	0.15	<2	0.08	<1	<5	<5	14
REP UTPD-24	QC	14	0.90	414	0.014	<20	1.56	0.01	0.15	<2	0.08	<1	<5	<5	14
GSS-03	Soil	19	0.24	282	0.015	<20	1.52	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP GSS-03	QC														
DTVD-06	Soil	22	0.31	281	0.045	<20	1.39	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP DTVD-06	QC	22	0.31	279	0.044	<20	1.39	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
DTVD-42	Soil	26	0.40	271	0.031	<20	2.09	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP DTVD-42	QC	25	0.40	272	0.034	<20	2.08	<0.01	0.08	<2	<0.05	<1	<5	6	<5
BQCD-03	Soil	36	0.51	346	0.069	<20	2.04	0.01	0.06	<2	<0.05	<1	<5	<5	8
REP BQCD-03	QC														
BQCD-18	Soil	34	0.62	169	0.064	<20	2.42	<0.01	0.08	<2	<0.05	<1	<5	6	5
REP BQCD-18	QC														
DGD-01	Soil	18	0.37	436	0.024	<20	1.90	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP DGD-01	QC	17	0.36	419	0.022	<20	1.80	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
Reference Materials															
STD DS11	Standard	61	0.83	402	0.092	<20	1.13	0.07	0.40	4	0.29	<1	6	6	<5
STD DS11	Standard	62	0.87	407	0.093	<20	1.17	0.07	0.41	3	0.28	<1	5	<5	<5
STD DS11	Standard	58	0.85	389	0.087	<20	1.12	0.07	0.39	3	0.28	<1	5	<5	<5
STD DS11	Standard	59	0.88	427	0.093	<20	1.18	0.07	0.40	4	0.28	<1	<5	<5	<5
STD DS11	Standard	56	0.83	371	0.094	<20	1.13	0.07	0.40	2	0.27	<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 21, 2018

QUALITY CONTROL REPORT WHI18000496.1

		FA430 Au	AQ300 Mo	AQ300 Cu	AQ300 Pb	AQ300 Zn	AQ300 Ag	AQ300 Ni	AQ300 Co	AQ300 Mn	AQ300 Fe	AQ300 As	AQ300 Th	AQ300 Sr	AQ300 Cd	AQ300 Sb	AQ300 Bi	AQ300 V	AQ300 Ca	AQ300 P	AQ300 La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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
STD DS11	Standard		15	147	141	339	1.7	76	13	1030	3.10	44	7	69	2.2	6	11	49	1.04	0.069	18
STD OREAS45EA	Standard		2	743	17	35	0.6	420	55	435	23.36	3	9	4	<0.5	<3	<3	328	0.04	0.033	8
STD OREAS45EA	Standard		3	707	16	30	0.5	378	51	420	22.04	10	11	4	1.4	<3	7	309	0.03	0.030	8
STD OREAS45EA	Standard		2	728	15	32	0.5	397	53	442	23.69	11	10	4	<0.5	<3	<3	319	0.03	0.032	8
STD OREAS45EA	Standard		2	731	12	33	0.4	415	54	456	25.64	10	10	4	<0.5	<3	<3	332	0.03	0.032	8
STD OREAS45EA	Standard		3	732	17	32	0.5	437	54	426	25.79	17	9	4	<0.5	<3	<3	331	0.04	0.032	8
STD OREAS45EA	Standard		2	739	18	33	0.4	432	54	428	25.18	16	8	4	<0.5	<3	<3	328	0.04	0.032	8
STD OXC145	Standard	0.222																			
STD OXC145	Standard	0.213																			
STD OXC145	Standard	0.219																			
STD OXC145	Standard	0.216																			
STD OXH139	Standard	1.311																			
STD OXH139	Standard	1.358																			
STD OXH139	Standard	1.327																			
STD OXH139	Standard	1.292																			
STD OXN134	Standard	7.861																			
STD OXN134	Standard	7.971																			
STD OXN134	Standard	7.779																			
STD OXN134	Standard	7.940																			
STD OXN134 Expected		7.667																			
STD OXC145 Expected		0.212																			
STD OXH139 Expected		1.312																			
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	22.65	11	10.7	4.05				303	0.036	0.029	7.06
STD DS11 Expected			13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701	18.6
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			

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1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 21, 2018

QUALITY CONTROL REPORT WHI18000496.1

		AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD DS11	Standard	54	0.83	412	0.098	<20	1.17	0.07	0.40	3	0.27	<1	<5	<5	<5
STD OREAS45EA	Standard	946	0.11	158	0.109	<20	3.66	0.02	0.06	<2	<0.05	<1	<5	28	91
STD OREAS45EA	Standard	942	0.09	147	0.101	<20	3.36	0.02	0.05	<2	<0.05	<1	<5	9	87
STD OREAS45EA	Standard	960	0.10	156	0.105	<20	3.44	0.02	0.05	<2	<0.05	<1	<5	8	92
STD OREAS45EA	Standard	959	0.10	163	0.106	<20	3.51	0.02	0.05	<2	<0.05	<1	<5	<5	95
STD OREAS45EA	Standard	947	0.10	161	0.112	<20	3.71	0.02	0.06	<2	<0.05	<1	9	<5	86
STD OREAS45EA	Standard	932	0.10	157	0.116	<20	3.80	0.02	0.06	<2	<0.05	<1	10	7	86
STD OXC145	Standard														
STD OXC145	Standard														
STD OXC145	Standard														
STD OXC145	Standard														
STD OXH139	Standard														
STD OXH139	Standard														
STD OXH139	Standard														
STD OXH139	Standard														
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134	Standard														
STD OXN134 Expected															
STD OXC145 Expected															
STD OXH139 Expected															
STD OREAS45EA Expected		849	0.095	148	0.0984		3.32	0.02	0.053		0.036			12.4	78
STD DS11 Expected		61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														

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

Project: None Given

Report Date: August 21, 2018

QUALITY CONTROL REPORT WHI18000496.1

		FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1

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

Project: None Given

Report Date: August 21, 2018

QUALITY CONTROL REPORT WHI18000496.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<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: July 13, 2018
Report Date: August 11, 2018

CERTIFICATE OF ANALYSIS WHI18000339.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 52

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	51	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	51	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	51	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	51	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	51	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

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

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

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

Project: None Given
Report Date: August 11, 2018

CERTIFICATE OF ANALYSIS WHI18000339.1

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
GGBR-01	Rock	0.11	0.006	2	58	10	20	0.4	3	2	96	2.81	193	11	69	<0.5	<3	6	26	0.02	0.077
GGBR-02	Rock	0.34	0.050	3	179	10	120	<0.3	8	14	359	10.84	111	11	16	<0.5	5	8	78	0.03	0.169
GGBR-03	Rock	0.41	0.009	<1	73	<3	15	0.7	2	<1	49	3.67	368	3	4	<0.5	8	8	9	<0.01	0.033
GGBR-04	Rock	0.23	0.005	2	22	<3	8	1.1	<1	1	66	1.66	54	4	18	<0.5	7	8	10	0.01	0.029
GGBR-05	Rock	0.21	0.010	2	18	5	43	<0.3	8	8	435	4.37	4	8	91	<0.5	<3	<3	76	0.82	0.148
GGBR-06	Rock	0.46	0.012	1	25	6	26	<0.3	7	3	276	3.49	6	8	61	<0.5	<3	<3	99	0.28	0.092
GGBR-07	Rock	0.66	0.291	3	259	22	35	0.5	4	1	66	7.54	18	9	35	<0.5	<3	14	44	0.01	0.131
GGBR-08	Rock	0.52	<0.005	<1	32	<3	13	<0.3	8	5	93	1.39	27	18	10	<0.5	<3	<3	6	0.02	0.013
GGBR-09	Rock	0.32	0.042	<1	154	4	39	<0.3	25	16	258	4.04	728	5	10	<0.5	<3	5	27	0.02	0.013
GGBR-10	Rock	0.31	0.426	<1	18	22	7	0.4	3	1	45	1.39	233	3	8	<0.5	<3	28	2	0.01	0.006
GGBR-11	Rock	0.24	<0.005	<1	24	<3	13	<0.3	6	2	131	1.52	7	15	9	<0.5	<3	<3	4	0.01	0.012
GGBR-12	Rock	0.65	0.010	<1	93	<3	12	<0.3	11	14	135	1.84	101	4	3	<0.5	<3	4	5	0.01	0.011
GGBR-13	Rock	0.15	0.005	<1	26	<3	10	<0.3	2	1	31	0.80	23	25	18	<0.5	<3	<3	6	0.02	0.012
GGBR-14	Rock	0.26	0.006	<1	65	<3	21	<0.3	12	4	146	2.50	24	29	11	<0.5	<3	<3	8	0.02	0.021
GGBR-15	Rock	0.50	0.006	<1	40	<3	16	<0.3	13	11	162	0.74	122	13	7	<0.5	<3	<3	6	0.02	0.009

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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: August 11, 2018

CERTIFICATE OF ANALYSIS WHI18000339.1

	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
GGBR-01	Rock	43	6	0.08	771	0.004	<20	0.91	0.01	0.66	<2	0.49	<1	<5	<5	<5
GGBR-02	Rock	18	11	0.24	279	0.003	<20	1.18	<0.01	0.19	<2	0.16	<1	<5	5	9
GGBR-03	Rock	22	3	0.03	90	0.003	<20	0.29	<0.01	0.19	<2	0.05	<1	<5	<5	<5
GGBR-04	Rock	26	2	0.06	176	0.002	<20	0.47	<0.01	0.32	<2	0.06	<1	<5	<5	<5
GGBR-05	Rock	24	12	0.90	442	0.166	<20	1.82	0.10	0.13	<2	0.65	<1	<5	<5	5
GGBR-06	Rock	19	17	1.00	195	0.172	<20	2.58	0.04	0.09	<2	<0.05	<1	<5	<5	8
GGBR-07	Rock	32	6	0.12	293	0.003	<20	1.14	0.04	0.22	<2	0.21	<1	<5	<5	<5
GGBR-08	Rock	32	5	0.07	227	0.003	<20	0.68	0.01	0.33	<2	<0.05	<1	<5	<5	<5
GGBR-09	Rock	10	13	0.30	60	0.003	<20	0.86	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
GGBR-10	Rock	2	2	0.03	68	0.002	<20	0.27	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
GGBR-11	Rock	27	5	0.07	252	0.003	<20	0.65	0.02	0.31	<2	<0.05	<1	<5	<5	<5
GGBR-12	Rock	2	5	0.04	56	0.001	<20	0.33	<0.01	0.14	<2	<0.05	<1	<5	<5	<5
GGBR-13	Rock	39	5	0.05	273	0.007	<20	0.80	0.02	0.45	<2	<0.05	<1	<5	<5	<5
GGBR-14	Rock	39	7	0.16	271	0.014	<20	1.19	0.01	0.33	<2	<0.05	<1	<5	<5	<5
GGBR-15	Rock	21	3	0.05	188	0.001	<20	0.57	<0.01	0.30	<2	<0.05	<1	<5	<5	<5

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Client: **Kreft, Bernie**
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Project: None Given
Report Date: August 11, 2018

CERTIFICATE OF ANALYSIS WHI18000339.1

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
KGR-01	Rock	0.46	<0.005	<1	77	<3	9	<0.3	2	<1	31	1.94	8	8	2	<0.5	<3	<3	5	<0.01	0.004
KGR-02	Rock	0.50	<0.005	<1	48	<3	9	<0.3	2	<1	24	1.16	59	8	2	<0.5	<3	<3	2	<0.01	0.005

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Project: None Given
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CERTIFICATE OF ANALYSIS WHI18000339.1

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
KGR-01	Rock	14	5	<0.01	36	<0.001	<20	0.20	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
KGR-02	Rock	7	2	<0.01	50	0.001	<20	0.13	<0.01	0.08	<2	<0.05	<1	<5	<5	<5

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1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

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Report Date: August 11, 2018

QUALITY CONTROL REPORT WHI18000339.1

	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
Pulp Duplicates																					
GGBR-08	Rock	0.52	<0.005	<1	32	<3	13	<0.3	8	5	93	1.39	27	18	10	<0.5	<3	<3	6	0.02	0.013
REP GGBR-08	QC			<1	32	<3	13	<0.3	8	5	92	1.39	26	18	10	<0.5	<3	<3	6	0.02	0.012
TSR-09	Rock	0.80	0.018	2	24	<3	38	<0.3	7	1	43	1.38	106	2	6	<0.5	<3	<3	11	0.01	0.034
REP TSR-09	QC		0.018																		
TSR-22	Rock	0.84	0.341	<1	8	3	12	1.6	6	<1	44	1.11	726	<2	11	<0.5	10	<3	4	<0.01	0.011
REP TSR-22	QC			<1	6	<3	11	1.6	6	<1	43	1.11	720	<2	11	<0.5	9	<3	4	<0.01	0.011
Core Reject Duplicates																					
GGBR-12	Rock	0.65	0.010	<1	93	<3	12	<0.3	11	14	135	1.84	101	4	3	<0.5	<3	4	5	0.01	0.011
DUP GGBR-12	QC		0.013	<1	91	<3	12	<0.3	11	14	136	1.83	103	4	3	<0.5	<3	3	5	0.01	0.011
CUBR-06	Rock	0.29	0.045	<1	5	<3	8	<0.3	1	<1	45	0.57	<2	5	23	<0.5	<3	<3	3	<0.01	0.004
DUP CUBR-06	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																					
STD DS11	Standard			14	145	139	338	1.7	78	13	1003	3.18	42	7	64	2.7	6	13	49	1.04	0.069
STD DS11	Standard			13	144	138	337	2.4	76	12	1006	3.07	41	7	62	2.1	7	12	47	1.03	0.069
STD OREAS45EA	Standard			2	670	16	29	0.5	364	49	403	20.98	11	10	4	1.8	<3	3	295	0.03	0.029
STD OREAS45EA	Standard			2	663	15	29	0.4	348	48	396	21.15	10	10	4	<0.5	<3	3	283	0.03	0.028
STD OXC145	Standard		0.220																		
STD OXH139	Standard		1.396																		
STD OXN134	Standard		8.056																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	22.65	11	10.7	4.05				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001

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

Project: None Given
Report Date: August 11, 2018

QUALITY CONTROL REPORT WHI18000339.1

	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
Pulp Duplicates																
GGBR-08	Rock	32	5	0.07	227	0.003	<20	0.68	0.01	0.33	<2	<0.05	<1	<5	<5	<5
REP GGBR-08	QC	32	4	0.06	227	0.003	<20	0.68	0.01	0.32	<2	<0.05	<1	<5	<5	<5
TSR-09	Rock	3	8	0.02	36	<0.001	<20	0.28	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
REP TSR-09	QC															
TSR-22	Rock	2	5	<0.01	229	<0.001	<20	0.18	<0.01	0.07	<2	0.08	<1	<5	<5	<5
REP TSR-22	QC	2	6	<0.01	231	<0.001	<20	0.18	<0.01	0.07	<2	0.08	<1	<5	<5	<5
Core Reject Duplicates																
GGBR-12	Rock	2	5	0.04	56	0.001	<20	0.33	<0.01	0.14	<2	<0.05	<1	<5	<5	<5
DUP GGBR-12	QC	2	4	0.04	51	0.001	<20	0.33	<0.01	0.14	<2	<0.05	<1	<5	<5	<5
CUBR-06	Rock	13	2	<0.01	142	0.001	<20	0.10	0.02	0.10	<2	<0.05	<1	<5	<5	<5
DUP CUBR-06	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																
STD DS11	Standard	17	60	0.83	426	0.088	<20	1.13	0.07	0.40	<2	0.29	<1	<5	<5	<5
STD DS11	Standard	16	58	0.81	417	0.085	<20	1.09	0.07	0.38	3	0.26	<1	<5	<5	<5
STD OREAS45EA	Standard	7	900	0.09	146	0.096	<20	3.22	0.02	0.05	<2	<0.05	<1	<5	17	83
STD OREAS45EA	Standard	7	879	0.09	140	0.094	<20	3.14	0.02	0.05	<2	<0.05	<1	<5	12	82
STD OXC145	Standard															
STD OXH139	Standard															
STD OXN134	Standard															
STD OXN134 Expected																
STD OXC145 Expected																
STD OXH139 Expected																
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.32	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank															
BLK	Blank															
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<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 11, 2018

QUALITY CONTROL REPORT WHI18000339.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		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
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	1	5	<3	36	<0.3	<1	4	580	1.85	<2	2	22	<0.5	<3	<3	22	0.65	0.040
ROCK-WHI	Prep Blank		<0.005	2	6	<3	36	<0.3	1	4	578	1.89	<2	3	37	<0.5	<3	<3	25	0.77	0.041

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

Project: None Given
Report Date: August 11, 2018

QUALITY CONTROL REPORT WHI18000339.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
Prep Wash																
ROCK-WHI	Prep Blank	6	2	0.54	51	0.081	<20	0.97	0.07	0.10	<2	0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	5	4	0.53	73	0.086	<20	1.05	0.08	0.09	<2	0.06	<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: July 30, 2018
Report Date: September 13, 2018
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI18000497.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 42

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	42	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	42	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	42	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	42	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	42	Per sample shipping charges for branch shipments			VAN
FA530	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	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: September 13, 2018

CERTIFICATE OF ANALYSIS WHI18000497.1

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
PKGR-01	Rock	0.90	0.019	1	13	34	5	0.9	2	1	99	1.13	245	4	3	<0.5	4	<3	6	0.01	0.010
PKGR-02	Rock	1.00	0.034	3	94	133	9	1.4	2	3	411	5.04	2733	2	28	<0.5	34	<3	30	0.04	0.131

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Bureau Veritas Commodities Canada Ltd.

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

Project: None Given
Report Date: September 13, 2018

CERTIFICATE OF ANALYSIS WHI18000497.1

Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
PKGR-01	Rock	9	5	0.02	115	0.002	<20	0.31	<0.01	0.17	9	<0.05	<1	<5	<5	<5	
PKGR-02	Rock	20	13	0.02	228	0.002	<20	0.34	<0.01	0.11	5	<0.05	<1	<5	<5	<5	

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.

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CERTIFICATE OF ANALYSIS WHI18000497.1

	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
PKGR-03	Rock	0.39	0.007	2	9	5	39	<0.3	8	4	425	2.46	40	8	15	<0.5	<3	<3	24	0.04	0.019
PKGR-04	Rock	0.25	<0.005	2	14	16	90	<0.3	14	11	1171	4.13	160	9	83	<0.5	<3	<3	81	0.98	0.194
PKGR-05	Rock	0.14	0.016	2	14	35	50	1.1	11	4	1170	3.57	443	9	10	<0.5	<3	<3	19	0.06	0.079
PKGR-06	Rock	0.98	0.005	<1	5	3	3	0.4	2	<1	77	0.60	393	<2	4	<0.5	<3	<3	3	0.01	0.008
PKGR-07	Rock	0.93	<0.005	1	11	9	3	1.5	1	<1	42	0.76	157	3	4	<0.5	<3	<3	5	<0.01	0.005
PKGR-08	Rock	1.02	<0.005	3	7	7	3	0.4	2	<1	67	0.49	72	4	4	<0.5	<3	<3	3	<0.01	0.004
PKGR-09	Rock	0.43	<0.005	2	7	7	74	0.6	26	26	316	3.22	24	9	72	0.6	<3	<3	55	0.55	0.111
PKGR-10	Rock	0.48	<0.005	4	91	18	27	<0.3	6	10	345	3.20	233	9	41	<0.5	<3	<3	23	0.11	0.094
PKGR-11	Rock	0.34	0.028	<1	5	84	2	4.0	<1	<1	26	0.41	692	<2	5	<0.5	<3	4	2	<0.01	0.007
PKGR-12	Rock	0.84	<0.005	1	15	9	11	<0.3	6	4	126	1.29	113	5	4	<0.5	<3	4	9	0.02	0.013
PKGR-13	Rock	0.34	0.006	4	50	27	71	<0.3	15	6	300	11.11	779	31	9	<0.5	10	<3	28	0.05	0.066
PKGR-14	Rock	0.16	<0.005	5	29	9	81	<0.3	17	10	645	8.55	37	15	12	0.6	<3	<3	35	0.05	0.037

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Project: None Given
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CERTIFICATE OF ANALYSIS WHI18000497.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
PKGR-03	Rock	34	16	0.03	207	<0.001	<20	0.75	0.01	0.31	<2	<0.05	<1	<5	<5	<5	
PKGR-04	Rock	25	14	0.72	770	0.246	<20	1.50	0.13	0.17	<2	<0.05	<1	<5	7	6	
PKGR-05	Rock	35	7	0.04	201	<0.001	<20	0.70	<0.01	0.36	<2	<0.05	<1	<5	<5	<5	
PKGR-06	Rock	5	4	0.03	82	0.002	<20	0.34	<0.01	0.19	<2	<0.05	<1	<5	<5	<5	
PKGR-07	Rock	5	6	0.03	102	0.001	<20	0.53	<0.01	0.29	<2	<0.05	<1	<5	<5	<5	
PKGR-08	Rock	12	3	0.02	97	0.001	<20	0.37	<0.01	0.22	<2	<0.05	<1	<5	<5	<5	
PKGR-09	Rock	18	5	0.54	994	0.159	<20	1.33	0.06	0.19	<2	0.19	<1	<5	<5	<5	
PKGR-10	Rock	24	6	0.29	244	0.002	<20	1.08	0.03	0.31	<2	0.10	<1	<5	<5	<5	
PKGR-11	Rock	2	2	0.01	93	0.001	<20	0.20	<0.01	0.14	<2	<0.05	<1	<5	<5	<5	
PKGR-12	Rock	9	4	0.04	83	0.001	<20	0.51	0.01	0.21	<2	<0.05	<1	<5	<5	<5	
PKGR-13	Rock	29	14	0.02	133	<0.001	<20	0.86	0.03	0.18	<2	<0.05	<1	<5	<5	<5	
PKGR-14	Rock	12	32	0.20	431	0.003	<20	2.06	0.03	0.20	<2	<0.05	<1	<5	<5	<5	

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1 Locust Place
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Project: None Given
Report Date: September 13, 2018

QUALITY CONTROL REPORT WHI18000497.1

	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
Pulp Duplicates																					
CB18R-01	Rock	1.26	0.073	<1	10	4	51	0.3	35	14	307	3.59	391	13	7	<0.5	<3	<3	60	0.06	0.028
REP CB18R-01	QC			<1	10	4	50	<0.3	34	14	300	3.52	391	13	7	<0.5	<3	<3	59	0.06	0.028
TCR-04	Rock	0.52	>10	1	26	<3	14	2.5	23	9	165	2.12	5428	7	134	<0.5	11	383	39	1.08	0.023
REP TCR-04	QC																				
PKGR-04	Rock	0.25	<0.005	2	14	16	90	<0.3	14	11	1171	4.13	160	9	83	<0.5	<3	<3	81	0.98	0.194
REP PKGR-04	QC		0.008																		
PKGR-09	Rock	0.43	<0.005	2	7	7	74	0.6	26	26	316	3.22	24	9	72	0.6	<3	<3	55	0.55	0.111
REP PKGR-09	QC			2	7	8	73	0.6	26	26	316	3.24	23	9	75	0.6	<3	<3	55	0.59	0.108
Core Reject Duplicates																					
CB18R-05	Rock	0.98	2.097	<1	19	5	52	0.6	19	10	227	3.40	17	6	4	<0.5	<3	20	43	0.07	0.032
DUP CB18R-05	QC		2.439	<1	19	6	52	0.6	19	10	219	3.33	13	6	4	<0.5	<3	20	43	0.06	0.032
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard			13	140	134	330	1.9	71	12	999	2.94	42	8	60	2.4	6	13	46	0.98	0.066
STD DS11	Standard			15	148	138	343	1.9	76	13	1030	3.16	46	7	70	2.3	7	10	49	1.05	0.072
STD OREAS45EA	Standard			2	678	15	29	0.9	360	47	399	21.17	12	11	3	1.6	<3	4	294	0.03	0.029
STD OREAS45EA	Standard			2	706	12	32	0.3	398	50	412	22.80	3	10	4	<0.5	<3	<3	308	0.04	0.030
STD OXC145	Standard		0.208																		
STD OXH139	Standard		1.338																		
STD OXN134	Standard		7.774																		
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	22.65	11	10.7	4.05				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD AGPROOF Expected																					

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1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 13, 2018

QUALITY CONTROL REPORT WHI18000497.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
Pulp Duplicates																	
CB18R-01	Rock	40	55	0.84	146	0.195	<20	2.21	0.02	1.42	<2	<0.05	<1	<5	8	6	
REP CB18R-01	QC	38	53	0.82	141	0.193	<20	2.17	0.02	1.39	<2	<0.05	<1	<5	<5	6	
TCR-04	Rock	16	33	0.84	72	0.110	<20	2.20	0.12	0.69	>100	0.32	<1	<5	8	6	25.1
REP TCR-04	QC																25.4
PKGR-04	Rock	25	14	0.72	770	0.246	<20	1.50	0.13	0.17	<2	<0.05	<1	<5	7	6	
REP PKGR-04	QC																
PKGR-09	Rock	18	5	0.54	994	0.159	<20	1.33	0.06	0.19	<2	0.19	<1	<5	<5	<5	
REP PKGR-09	QC	18	6	0.54	1001	0.169	<20	1.36	0.06	0.19	<2	0.19	<1	<5	<5	<5	
Core Reject Duplicates																	
CB18R-05	Rock	17	37	0.79	114	0.192	<20	2.03	0.04	1.27	<2	<0.05	<1	<5	11	<5	
DUP CB18R-05	QC	16	38	0.78	110	0.191	<20	2.01	0.04	1.24	<2	<0.05	<1	<5	5	<5	
Reference Materials																	
STD AGPROOF	Standard																<0.9
STD DS11	Standard	15	61	0.80	403	0.084	<20	1.05	0.07	0.37	2	0.26	<1	<5	<5	<5	
STD DS11	Standard	17	62	0.83	431	0.096	<20	1.17	0.07	0.41	<2	0.27	<1	<5	5	<5	
STD OREAS45EA	Standard	7	941	0.09	143	0.099	<20	3.23	0.02	0.06	<2	<0.05	<1	<5	13	82	
STD OREAS45EA	Standard	8	894	0.10	147	0.103	<20	3.53	0.02	0.06	<2	<0.05	<1	<5	13	85	
STD OXC145	Standard																
STD OXH139	Standard																
STD OXN134	Standard																
STD OXQ114	Standard																35.6
STD SP49	Standard																18.5
STD OXN134 Expected																	
STD OXC145 Expected																	
STD OXH139 Expected																	
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.32	0.02	0.053		0.036			12.4	78	
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1	
STD AGPROOF Expected																	0

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QUALITY CONTROL REPORT WHI18000497.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		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
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	1	2	<3	40	<0.3	4	4	568	1.98	<2	<2	29	<0.5	<3	<3	27	0.80	0.044
ROCK-WHI	Prep Blank		<0.005	1	2	<3	34	<0.3	4	4	568	2.04	<2	<2	27	<0.5	<3	<3	27	0.72	0.044

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QUALITY CONTROL REPORT WHI18000497.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	FA530 Au gm/t 0.9
STD SP49 Expected																	18.34
STD OXQ114 Expected																	35.2
BLK	Blank																
BLK	Blank																
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank																<0.9
Prep Wash																	
ROCK-WHI	Prep Blank	6	11	0.50	74	0.099	<20	1.04	0.09	0.11	<2	<0.05	<1	<5	<5	<5	
ROCK-WHI	Prep Blank	7	10	0.50	76	0.104	<20	0.97	0.09	0.11	<2	0.05	<1	<5	<5	<5	