2021 ORTRA YMEP Final Report

By

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For

YMEP

January 30th, 2022

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Location – The ORTRA (**O**ne **R**egional **T**o **R**ule **A**ll) Project is located in the Dawson Mining District on NTS mapsheets N and O. Targets are grouped in four areas: Fekete, Australia, Marion and Wounded Moose, all generally located 60 to 100 kilometres south to southwest of Dawson.

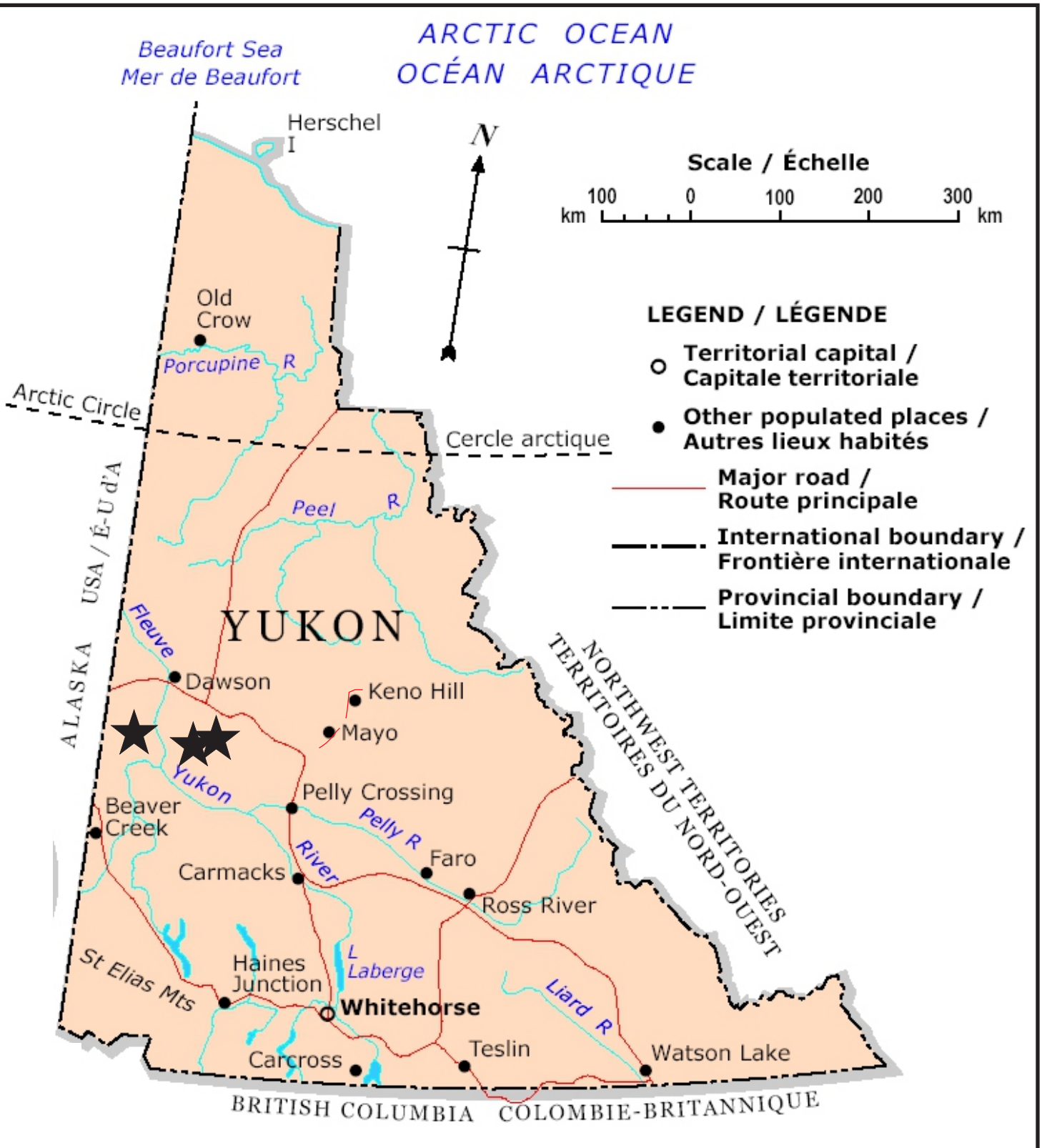
Access – Access to the various areas was by helicopter from Dawson City an average one-way distance of approximately 95 kilometres resulting in an approximate 35 minute one-way flight. There are numerous placer mining or other roads which come close to each of the various targets and which may be used to reduce mobilization costs of future programs.

Topography And Vegetation – The Fekete, Australia, Marion and Wounded Moose targets occur within the un-glaciated Klondike Plateau, characterized by low rolling hills dissected by deeply incised stream valleys. This entire 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 50 metres or more. Overburden and regolithic material will likely average about 1-2 metres in most areas, thereby allowing for effective soil sampling (via hand held augers) and hand trenching. Permafrost is widespread on north facing slopes, and in shaded low-lying areas. Although snow cover is mostly gone by early May, frost does not leave the ground sufficiently for exploration purposes such as soil sampling until about late May on south facing slopes to mid-July for north facing slopes. The project 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.

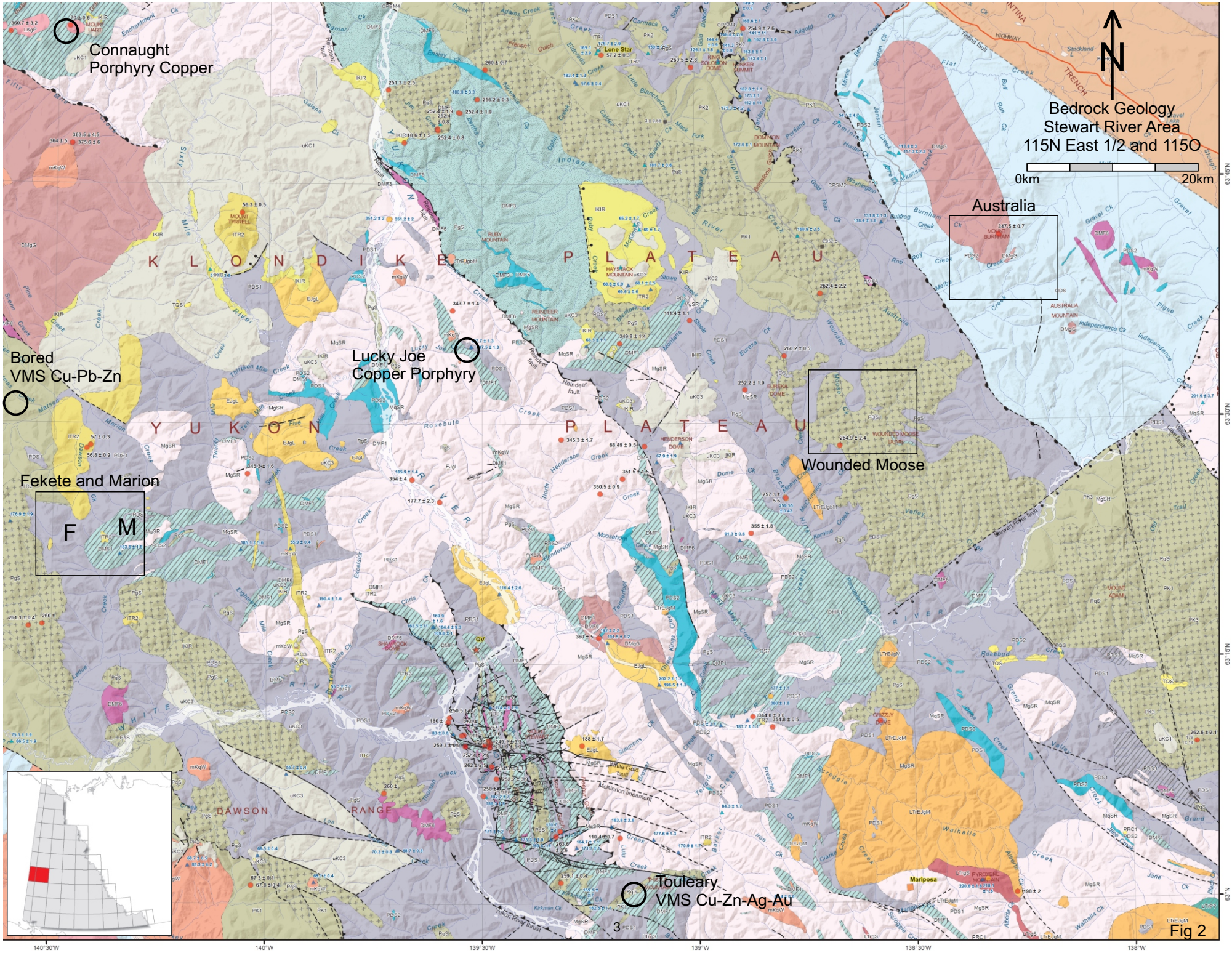
Claims And Land Status – Numerous quartz claims were staked in the area during the White Gold staking rush and subsequent exploration "boom" that followed. Although numerous active claims remain in the area, the project is focused entirely on open Crown land. The project is located within Trondek Hwichin (Dawson) traditional territory, with no active First Nation land claim blocks in the areas to be prospected.

Target Description – The project will focus on the copper potential of the Klondike Plateau. During the 2008-2012 White Gold Rush abundant exploration work was completed, the vast majority of which was focused almost entirely on the gold potential of the area. The main exploration vectoring method used was soil sampling, and although numerous potentially significant copper anomalies were identified, none appear to have been followed up due to the precious metals dominated focus of companies. Geology of the area is permissive for several target types with a significant copper component including:

VMS – The Klondike Plateau is underlain by rocks of the Yukon Tanana Terrane and therefore should be considered highly favorable for VMS style mineralization. A cluster of VMS deposits and mines in the Finlayson District, 450 km to the southeast are hosted in the same Yukon Tanana Terrane stratigraphy, specifically Devonian to Mississippian volcanics. VMS deposits in the Finlayson district include Kuroko style Cu-Pb-Zn-Ag-Au deposits, Besshi style Cu-Co-Au+/-Zn types and Cyprus type Cu +/- Zn-Co-Au and occur over a broad time interval. Certain parts of the Dawson area and the Finlayson District are believed to have been linked as part of a concurrent back-arc/basinal environment prior to displacement along the Tintina Fault. The recent discovery by Arcus Developments of VMS style mineralization within Devonian to Mississippian felsic to mafic volcanics at the Touleary Property confirms potential for this deposit type within the White Gold District. Diamond drilling results at Touleary include 2.25 metres of 7.18% Cu, 4.3% Zn, 116 g/t Ag and 3.55 g/t Au. Numerous historical Kuroko style VMS targets or anomalies occur in the Dawson area, particularly in the Fortymile (Baldy, Pub etc) and Matson Creek (Bored) areas, within what is currently mapped as Permian aged Klondike Schist. The majority of work accomplished on these targets was conducted from 1994-1998 concurrent with the original Finlayson Lake rush. Although numerous moderate to high intensity soil anomalies were outlined only limited drilling was completed and no significant drill intersections were reported.



ORTRA Projects ★	
To Accompany: 2021 ORTRA Final	January 30th, 2022
By: Bernie Kreft	Figure 1


Connaught
Porphyry Copper
Bored
VMS Cu-Pb-Zn
Lucky Joe
Copper Porphyry
Fekete and Marion
F
M
Wounded Moose
Australia
Touleary
VMS Cu-Zn-Ag-Au
3
Bedrock Geology
Stewart River Area
115N East 1/2 and 115O
0km
20km
N
KLONDIKE PLATEAU
YUKON PLATEAU
DAWSON RANGE
Fig 2

Geology Legend

TERTIARY(?) AND QUATERNARY

TQS: SELKIRK: columnar jointed, vesicular to massive basalt flows

PALEOCENE TO LOWER EOCENE

PRC1: RHYOLITE CREEK: light grey, green, maroon, purple and black rhyolite and dacite

PRC2: RHYOLITE CREEK: maroon to reddish purple, fine to very coarse grained andesite

LOWER TERTIARY, MOSTLY(?) EOCENE

ITR1: ROSS: dark grey-green olivine basalt necks and flows

ITR2: ROSS: rhyolite flows, tuff, ash-flow tuff and breccia

ITR3: ROSS: brown, thin-bedded, claystone, siltstone, shale and coal

LATE CRETACEOUS TO TERTIARY

LKgP: PROSPECTOR MOUNTAIN SUITE: Hbl-Bt granodiorite, Hbl diorite, quartz diorite

MID-CRETACEOUS

mKgW: WHITEHORSE SUITE: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite

mKqW: WHITEHORSE SUITE: Bt quartz monzonite, Bt granite and leucogranite

UPPER CRETACEOUS

uKC1: CARMACKS: augite-olivine basalt and breccia

uKC2: CARMACKS: andesite, porphyry

uKC3: CARMACKS: acid vitric crystal tuff, lapilli tuff and welded tuff

LOWER CRETACEOUS

lKIR: INDIAN RIVER: clast-supported pebble to cobble conglomerate

EARLY JURASSIC

EJgL: LONG LAKE SUITE: massive to weakly foliated Bt-Hbl granodiorite

LATE TRIASSIC TO EARLY JURASSIC

LTrEJgM: MINTO SUITE: foliated Bt-Hbl granodiorite; Bt-rich screens and gneissic schlieren

LTrEJqM: MINTO SUITE: Bt, Bt-Ms and Bt-Hbl quartz monzonite to granite

LTrEJgbM: MINTO SUITE: Hbl gabbro

LATE TRIASSIC

LTrgS: STIKINE SUITE: coarse-grained, foliated, gabbroic Hbl orthogneiss

MIDDLE TO LATE PERMIAN

PgS: SULPHUR CREEK SUITE: granodiorite and quartz monzonite

PqS: SULPHUR CREEK SUITE: variably foliated, K-feldspar augen granite, metaporphyry

PK1: KLONDIKE SCHIST: quartz-muscovite-chlorite schist

PK2: KLONDIKE SCHIST: silvery grey muscovite-chlorite quartz phyllite, micaceous quartzite

PK3: KLONDIKE SCHIST: chlorite schist and phyllite, amphibolite

CARBONIFEROUS TO PERMIAN

CPSM2: CAMPBELL RANGE: dark green to black basalt, greenstone, locally pillowed

CPSM4: SLIDE MOUNTAIN: brown weathering, variably serpentinized ultramafic rocks

MISSISSIPPIAN

MqSR: SIMPSON RANGE SUITE: foliated metagranite, quartz monzonite and granodiorite; augen granite

MgSR: SIMPSON RANGE SUITE: Hbl-bearing metagranodiorite, metadiorite and metatonalite

DEVONIAN, MISSISSIPPIAN AND(?)

DMF1: FINLAYSON: intermediate to mafic volcanic and volcaniclastic rocks

DMF3: FINLAYSON: dark grey to black carbonaceous metasedimentary rocks, metachert

DMF4: FINLAYSON: light green to grey, fine-grained siliciclastic and metavolcaniclastic rocks

DMF5: FINLAYSON: light grey to white marble, locally crinoidal

DMF6: FINLAYSON: ultramafic rocks, serpentinite; metagabbro

LATE DEVONIAN TO MISSISSIPPIAN

DMgG: GRASS LAKES SUITE: fine to medium-grained, foliated granodiorite, granite, quartz monzonite

ORDOVICIAN TO LOWER DEVONIAN

ODS: SCOTTIE CREEK: quartzite, micaceous quartzite, psammitic Qtz-Ms-Bt ± Grt schist

ODSmm: SCOTTIE CREEK: layered paragneiss, migmatite

ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone

UPPER CAMBRIAN AND

COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite

NEOPROTEROZOIC AND

PDS1: SNOWCAP: quartzite, psammite, pelite and marble; minor greenstone and amphibolite

PDS2: SNOWCAP: light grey to buff weathering marble

PDS3: SNOWCAP: amphibolite, commonly garnet-bearing; greenstone

NEOPROTEROZOIC TO LOWER CAMBRIAN

PCH6: YUSEZYU: upper - brown to pale green shale, quartz-rich sandstone, grit, pebble conglomerate

PCH8: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone

SYMBOLS

Geological contact
(defined, approximate, inferred, extrapolated)

Fault, sense of movement unknown
(defined, approximate, inferred, extrapolated)

Fault, normal, barb on downthrown side
(defined, approximate, inferred, extrapolated)

Fault, low-angle detachment, crescent on upper plate
(defined, approximate, inferred, extrapolated)

Fault, thrust, teeth on upper plate
(defined, approximate, inferred, extrapolated)

Fault, thrust, overturned, teeth on upper plate
(defined, approximate, inferred, extrapolated)

Fault, strike-slip, dextral
(defined, approximate, inferred, extrapolated)

Fault, strike-slip, sinistral
(defined, approximate, inferred, extrapolated)

Permanent ice and snow

Creeks and Rivers

Fig 2a

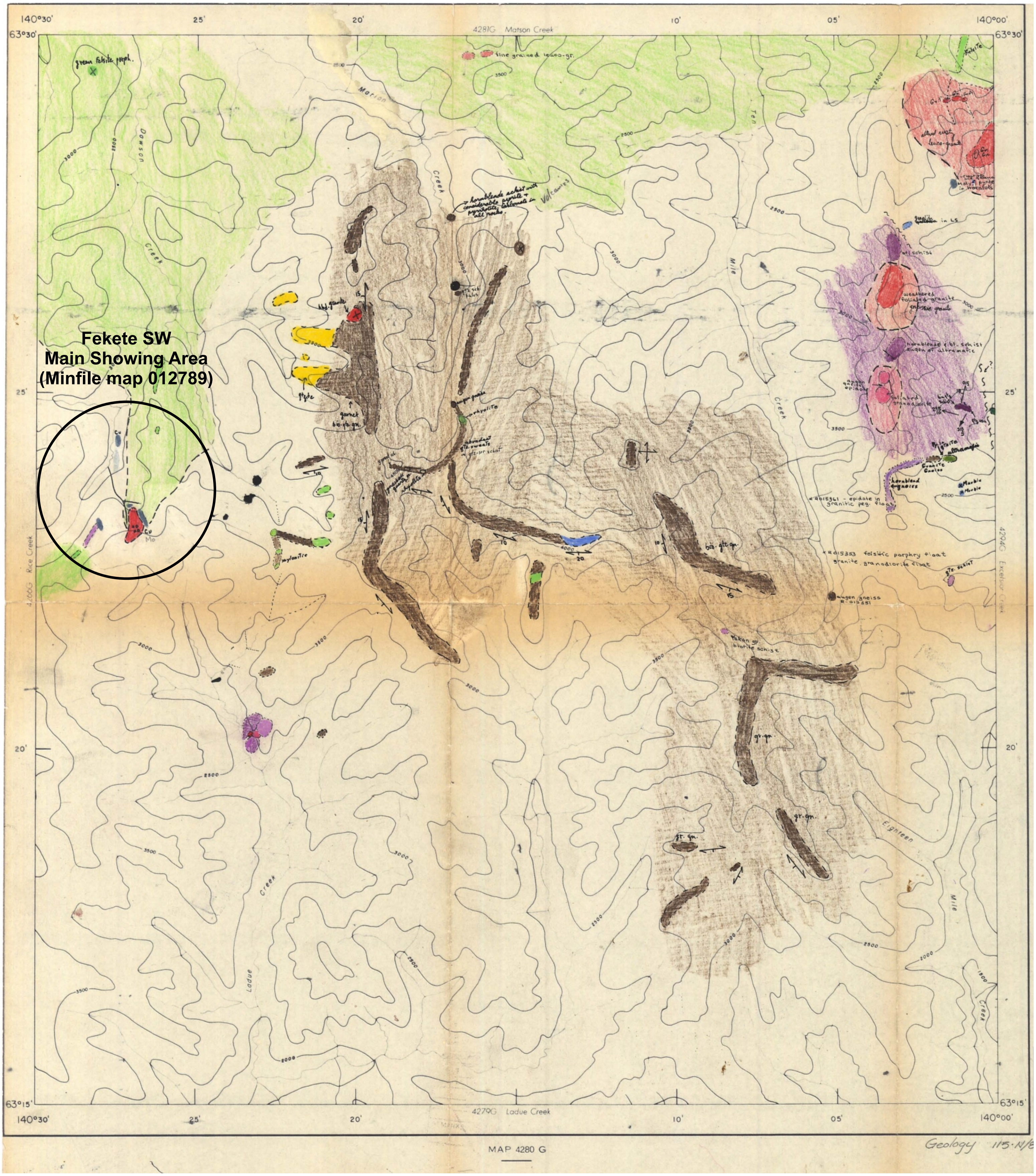

Fekete SW
Main Showing Area
(Minfile map 012789)
140°30'
25'
20'
10'
05'
140°00'
63°30'
63°15'
4281G Matson Creek
4279G Ladue Creek
MAP 4280 G
Dawson
Creek
Ladue
Creek
Eighteen
Mile
Creek
Ten
Mile
Creek
Volcanics
Rice Creek
Excelsior Creek

Fig 3

Lucky Joe Type – Lucky Joe is a bulk-tonnage copper-gold target within and adjacent to presumed Simpson Range Devono-Mississippian biotite bearing and altered granodioritic orthogneiss. The mineralized zone was defined over an 800 m strike length, 200 m width and 30 m thickness. Copper grades range from 0.35 to 0.6% over 20 to 30 m intervals with the best interval recorded being 0.95% copper over 5.2 m. Gold was shown to have close to a 1:1 correlation with copper. When copper assays are in the 0.95% range, gold values are in the 0.8 to 0.9 g/t range. Recent work at Lucky Joe has identified several multi-kilometric scale Cu-Au soil anomalies and a high temperature geological model has been suggested for the mineralization with the system being either a metamorphosed Cu-Au porphyry target or a possible IOCG type target.

Porphyry Copper – During 2011 Rackla Metals encountered a blind late Cretaceous (Casino or Prospector Mt Suite intrusive) Cu-Mo porphyry target while exploring for epithermal style mineralization in the Sixtymile River area. Drill results of up to 542 ppm Cu and 41 ppm Mo over 271.27m were returned from a potassic and sericitically altered feldspar porphyry body. Also in the Sixtymile River area on the Kam property, 0908937 BC Ltd encountered metamorphosed Cu-Au-Ag-Mo mineralization within Devonian to Mississippian mafic orthogneiss. This 2012 discovery has yielded grab sample results of up to 0.48% copper and 1.406 g/t Au. Porphyry copper potential is also thought to exist within mid-Triassic Sulphur Creek orthogneiss (Don Murphy pers. comm.). Recent work by Atac minerals in the Connaught area south of the Sixtymile placer camp has outlined a compelling early-stage copper-molybdenum ± gold porphyry target in an area of Late Cretaceous Prospector Mountain Suite intrusive rocks.

Minto Style Porphyry Copper – The Minto deposit lies within the Carmacks copper belt, a NNW trending belt marked by metamorphic assemblages and batholiths. The Minto deposits are hosted by the Minto pluton, a Late Triassic to Early Jurassic granitoid that is one of many plutons of similar age extending the length of the northern Cordillera. Mineralization at Minto is hosted in a variety of foliated rocks with individual bodies up to tens of metres thick and one kilometre laterally. The origin of these foliated bodies is enigmatic. They are typically high-grade (>1% Cu) with sulphides ranging from disseminated or foliaform lenses through to semi-massive or massive lenses. Primary hypogene ore minerals are chalcopyrite, bornite, and euhedral chalcocite with minor pyrite; less abundant ore minerals include covellite, silver, native gold and electrum. The deposit is considered a metamorphosed alkalic copper-gold porphyry target. Minto is currently in production on a part time basis, and contains resources of 15mt Measured & Indicated at 1.4% Cu, 0.5g/t Au, 4.8g/t Ag and 6mt Inferred at 1.4% Cu, 0.5g/t Au, 4.8g/t Ag (May 2019).

Related Deposit Types – As noted above, the Klondike Plateau should be considered excellent prospecting ground for porphyry copper and hybrid (Lucky Joe, Minto?) porphyry copper targets as well as VMS style targets. Base metal rich deposit types commonly found associated with copper porphyry deposits include copper/polymetallic skarn and replacement type deposits as well as copper/polymetallic breccia, vein and stockwork zones. VMS type deposits are often associated with discordant (typically copper +/- gold rich) stockworks and/or alteration zones which form within feeder zones stratigraphically below deposits.

The table below details soil sample thresholds and geology from select base metal targets located in the Klondike Plateau:

Name	Deposit Type	Geology	Threshold Values For Copper Soils (ppm)
Bored	Kuroko VMS	Klondike Schist	41+ anom, 79+ highly anomalous, max value 152
Touleary	Besshi? VMS	Devono-Miss volcanics	50-100 = anom, 100+ = highly anom, 181 = max
Lucky Joe	Cu-Au porphyry	Simpson Range orthogneiss	90th %ile = 140, 96% = 305, 99% = 1,105+
Kam	Cu-Au porphyry	Devono-Miss mafic gneiss	+79.6 anom, +164.1 highly anom, 1,399 max
Sixtymile ppy	Cu-Mo porphyry	Late Cretaceous intrusive	Scattered anomalous soils to 300
Connaught ppy	Cu-Mo-Au porphyry	Late Cretaceous intrusive	soils +100 to 3,350 are considered highly anom
Minto Mine	Cu-Au Porphyry	Early Jurassic intrusive	scattered low order values to max of 181

Data suggests that multiple lithologies and intrusive types are favorable for the formation of copper bearing targets and that soil values of approximately 95 ppm or greater can be considered highly anomalous depending on terrain and proximity to mineralization.

See the bedrock geology overview map for locations of the Touleary, Lucky Joe, Connaught and Bored projects as well as their geological setting within the district and in relation to the target areas to be explored. The Kam and Sixtymile occurrences are just off the NW corner of the map while the Minto Cu-Au mine is just off the SE corner of the map.

Enigmatic Geology – Due to an almost complete lack of exposure much of the area geology remains an enigma or, at a minimum, poorly understood. Broad areas mapped as a single unit are almost certainly significantly more geologically complex than shown. Small discrete intrusive bodies are likely significantly more numerous than current mapping suggests. In the Finlayson district the Grass Lakes and Snowcap assemblages respectively provide the sub-volcanic granitoid root to, or the basement of, favourable VMS stratigraphy but in the Klondike Plateau area the same assemblages are mapped as large continuous sheets/bodies with little to no indication of rafts or islands of the favourable volcanic stratigraphy remaining. Many of these mapping shortcomings are due to widespread cover obscuring the geological picture.

Primary Mineral Exploration Techniques – The primary mineral exploration vectoring technique in the unglaciated Klondike Plateau is soil sampling. Given that soils in unglaciated terrain are typically found close (+/- 5m to 15m) to source and are therefore of a local derivation, anomalies found therein can be traced to bedrock relatively easily and with confidence. Traditional prospecting is of lesser effect due to widespread soil and vegetative cover almost totally obscuring bedrock and necessitating digging small pits to expose rock for study and sampling. Silt sampling is a poor method of exploration in many areas due to thick and extensive layers of overburden and muck commonly found in valley bottoms masking or diluting stream sediments.

The Procedure – An in-house data capture program was conducted during the 2016-20 period. This work focused on compiling soil sample data for areas of the Klondike Plateau which were staked and explored during the 2008-15 period, but where the claims have subsequently lapsed. A total of 67 assessment reports and YMIP/YMEP reports were reviewed, 22 of which were found to contain valuable data consisting of assays for 24,336 regional scale ridge and spur soil samples (generally taken at 50-100m spacings) which were subsequently compiled into a master excel database.

Samples at or above the approximate 97th percentile or greater for copper, which translates to approximately 95 ppm and a total of 416 samples, were deemed to be anomalous and potentially of interest. Samples were subsequently further filtered and colour coded. The table below contains data pertaining to the filtering and sorting completed.

Category	Range in ppm	Number of Samples	Colour Code Used
Weakly anomalous	95 to 119	225	Grey
Anomalous	120 to 149	89	Green
Moderately anomalous	150 to 199	59	Yellow
Highly anomalous	200 to 249	28	Red
Highly anomalous	250 to 2312	15	Blue

Using this rating system, a total of 6 targets were generated, 3 of which were visited over the course of the program and will be discussed below.

Fekete – A 2001 Grassroots Prospecting YMIP program by Michael Glynn discovered an area of gneissic diorite with chalcopyrite and pyrite at the headwaters of Marion Creek, a single sample of which returned

347 ppm Cu. Very limited work was completed in this area at the time of discovery and no follow up appears to have been completed. In 1970 a series of malachite stained outcrops were located by Amax Exploration at the headwaters of Dawson Creek. Geology reported by Amax consists of a small hornblende granite plug within a felsic volcanic unit. Very limited work was completed at the time of discovery and the reported showings do not appear to have been followed up.

The YGS has mapped the area geology as a mixture of Devonian through to Permian schists, gneisses and other stratified rocks that include the hosts to Lucky Joe type mineralization (units DMF1 and PDS1), intruded and overlain by various Late Paleocene to Early Eocene aged rhyolitic flows, tuffs and breccias (unit ITR2), age dating of which has yielded an average 57 Ma age. Unit ITR2 is very likely the felsic volcanics encountered by Amax. In Chile, Toquepala rhyolitic volcanics and tuffs and coeval porphyry plutons are host to several world class porphyry copper deposits including the namesake Toquepala Cu-Mo deposit (57 Ma) containing 2.3 Bt of 0.55% Cu along with accessory Mo-Ag.

Stewart River geophysical survey data for the area appears to show several possible features of interest including:

1) on the FVD magnetic map a series of NW trending linear magnetic features that may be representing dykes and/or structures and which cut through several of the showings of interest
2) on the MTF magnetic map several semi-circular magnetic highs that may be representing magnetite bearing plutons within area stratigraphy
3) on the eTh/K ratio maps several low features possibly representing potassic alteration located proximal to several of the geology points of interest.

Overall, the combination of historical reports of chalcopyrite and malachite, geology prospective for world class porphyry copper targets as well as Lucky Joe type copper targets and interesting geophysical features all within a very underexplored area of the Yukon suggests Fekete and Marion are strong targets certainly worthy of further work. Potential is thought to exist for porphyry as well as Lucky Joe type copper targets.

Australia – During 2011 Taku Gold staked and explored a large area in the Mt Burnham area, southeast of Dawson, for its gold potential. No significant gold anomalies were encountered and all claims were allowed to lapse. A review of the available soil geochemical data pertaining to the Taku Gold work shows several copper soil anomalies including one sample site with 2,312 ppm Cu, 1,774 ppm Zn and 1.2 ppm Ag. Geology consists of Devono-Mississippian Grass Lakes granitic gneiss intruding Lower Ordovician to Devonian quartzite to quartz-muscovite-biotite schist containing small marble bodies. Area soil anomalies are located at the contact between the gneiss and quartzite and schist units.

Based on the geological setting and elemental signature of the target soil samples, the target is thought to be copper skarn or replacement bodies.

Geophysical data, particularly the eThK anomaly map appears to be highlighting the granite gneiss "intrusive" around which and extending to the SE are the anomalous sample sites in this area.

Wounded Moose – Work in 2011 by Taku Gold included an airborne geophysical survey followed by ridge and spur as well as grid style soil sampling. Although many of the claims from this program remain in good standing, many others have lapsed off leaving some interesting copper soil anomalies on open ground. A review of the data shows several sites with anomalous Cu, including one sample site with 99th percentile values for copper (393 ppm), molybdenum (19.6 ppm) and gold (26.6 ppb), within an area of Middle to Late Permian Sulphur Creek granodiorite and monzonite, Snowcap Assemblage quartzite and psammite, and Finlayson Group volcanics.

Geology and geochemistry suggest potential for Lucky Joe type mineralization as well as porphyry copper potential within the Permian granitic rocks.

Geophysical survey data for the area appears to show several features of interest including a positive magnetic anomaly underlying the soil anomaly to be targeted in phase 1.

Work Completed – Work was completed over two phases during the 2021 field season. Phase 1 focused on the Fekete and Marion target areas while Phase 2 saw work completed at the Wounded Moose and Australia target areas.

Work at Fekete was conducted over 2 days in June. Several helicopter supported traverses were conducted over the various targets identified by the research conducted. Hematite was found to be somewhat common within areas prospected, occurring within quartz-mica schist along foliation parallel bands and weak quartz stockworks, as well as within small quartz feldspar porphyry or felsite bodies as disseminations, along fractures or associated with weak fine quartz stockworks. Rare purple amethystine quartz was found associated with areas of propylitic alteration and quartz stockwork. Traces of pyrite and chalcopyrite were noted in all rocks, with a significant increase in the amount of sulphide mineralization noted at the contact between the small felsite bodies and stratified rocks. Abundant malachite and azurite were noted in these contact zones with up to 2% chalcopyrite with assays returning up to 3.467% Cu, 3.06% Pb, 44.6 ppm Ag and 2,009 ppm Zn. Reconnaissance soil sampling was conducted, with the scattered anomalous values returned from mineralized areas suggesting that the mineralization, or at least the highest grade portion, is poddy in nature. Significant surface leaching has occurred and values returned from soil and rock sampling may be significantly under representing actual grades present.

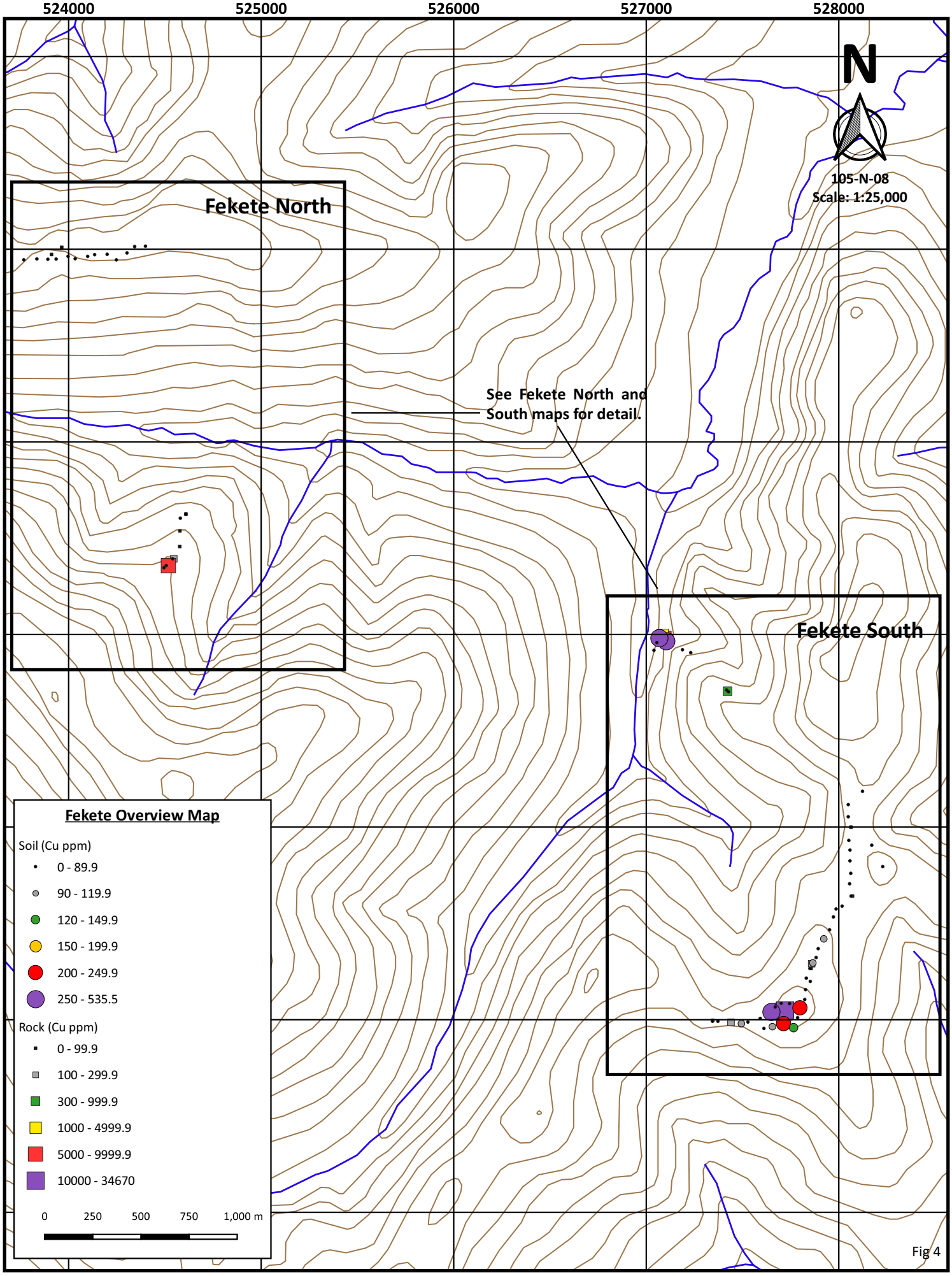
Work at Marion consisted of a quick assessment of the area. Although traces of chalcopyrite were noted within banded metamorphic rocks, mineralization was very sparse and no areas of interest were noted.

The YGS has mapped area geology as consisting of a mixture of Devonian through to Permian schists, gneisses and other stratified rocks intruded and overlain by various Late Paleocene to Early Eocene aged rhyolitic flows, tuffs and breccias, age dating of which has yielded an average of 57 Ma.

Work at Wounded Moose and Australia was conducted late in August and consisted of a half day of helicopter supported prospecting and soil sampling at each site.

Work at Australia was designed to follow up a 2011 Taku Gold soil sample that returned 2,312 ppm Cu, 1,774 ppm Zn and 1.2 ppm Ag. The 2021 sampling failed to duplicate the historical high copper value with maximum values of 96.6 ppm Cu, 79.6 ppm Pb and 518 ppm Zn returned. Detailed prospecting consisted of excavating numerous shallow hand pits in the area of the historical soil anomaly. Although bedrock was not exposed, numerous angular locally derived cobbles were excavated and examined with only traces of pyrite and alteration noted and no rock samples taken. Geology consists of Lower Ordovician to Devonian quartzite to quartz-muscovite-biotite schist containing small marble bodies within the hornfels aureole of the Devonian to Mississippian Mt Burnham intrusive (Grass Lakes).

At Wounded Moose, a 2011 Taku Gold soil sample that returned 26.6 ppb Au, 19.6 ppm Mo and 393 ppm Cu was subjected to detailed follow up soil sampling and prospecting. Although a sample taken close to the site of the 2011 soil sample returned highly anomalous values of up to 440 ppm Cu, 98.6 ppm Pb, 688 Zn and 52.9 ppb Au, surrounding samples were only weakly anomalous in all elements. Detailed prospecting consisted of excavating numerous shallow hand pits in the area of the historical soil anomaly. Although bedrock was not exposed, numerous angular locally derived cobbles were excavated and examined with only traces of pyrite and alteration noted and no rock samples taken. Geology consists of Snowcap assemblage quartzite, psammite and rare marble interbeds.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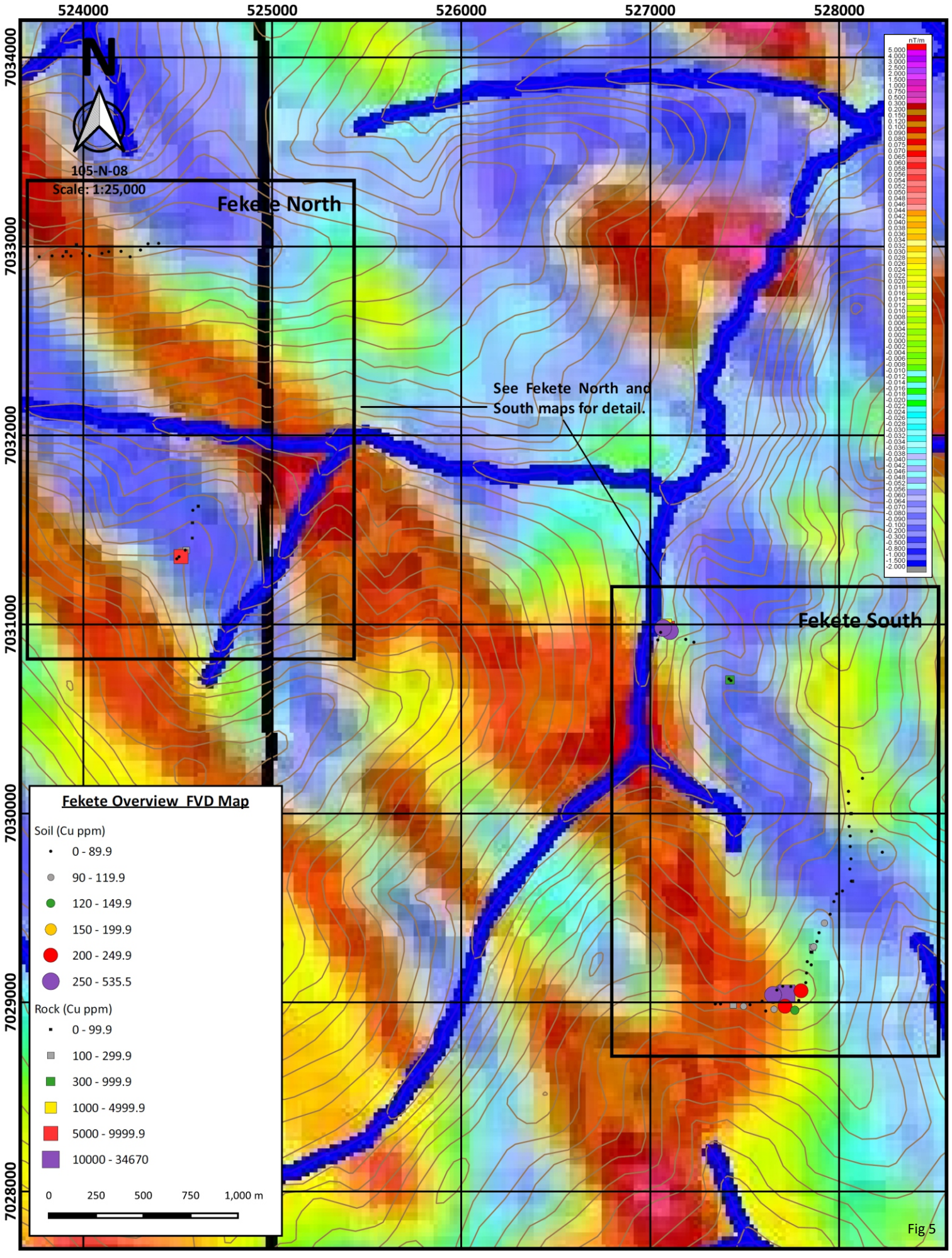
Scale: 1:25,000
Fekete North
Fekete South
See Fekete North and South maps for detail.
Fekete Overview Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
250
500
750
1,000 m

Fig 4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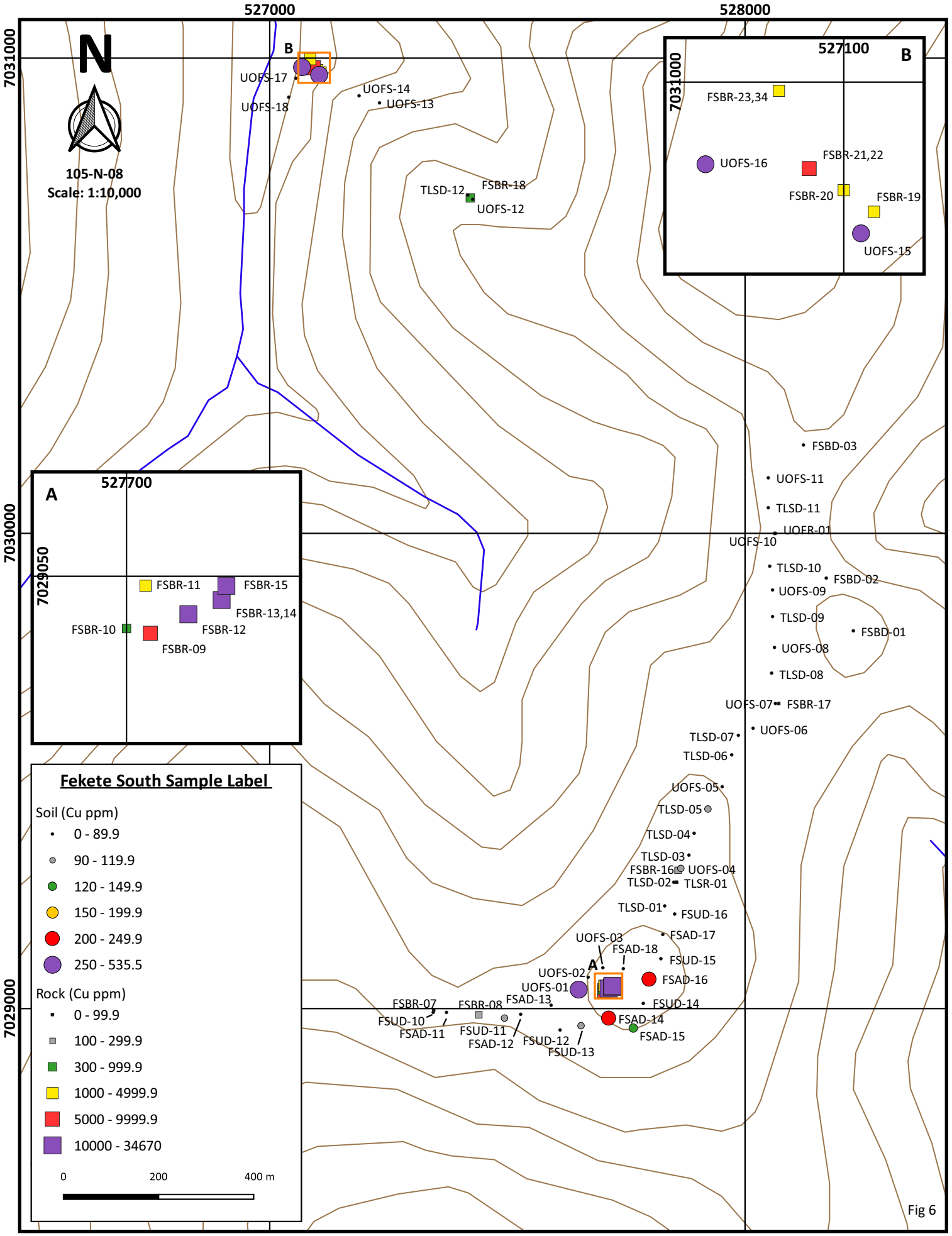
7032000
7031000
7030000
7029000
7028000
N
105-N-08
Scale: 1:25,000
Fekete North
See Fekete North and South maps for detail.
Fekete South
nT/m
Fekete Overview FVD Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
250
500
750
1,000 m
Fig 5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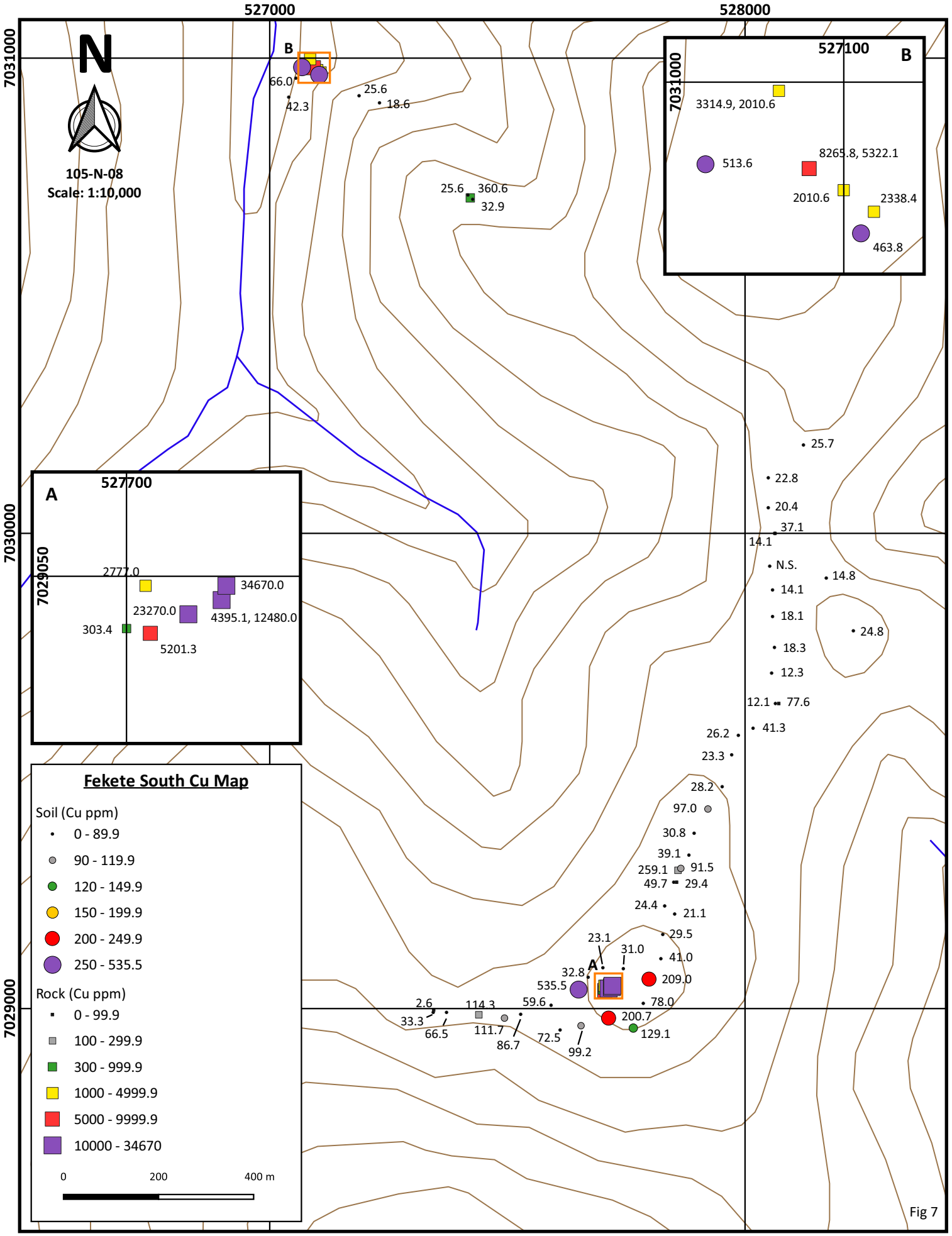
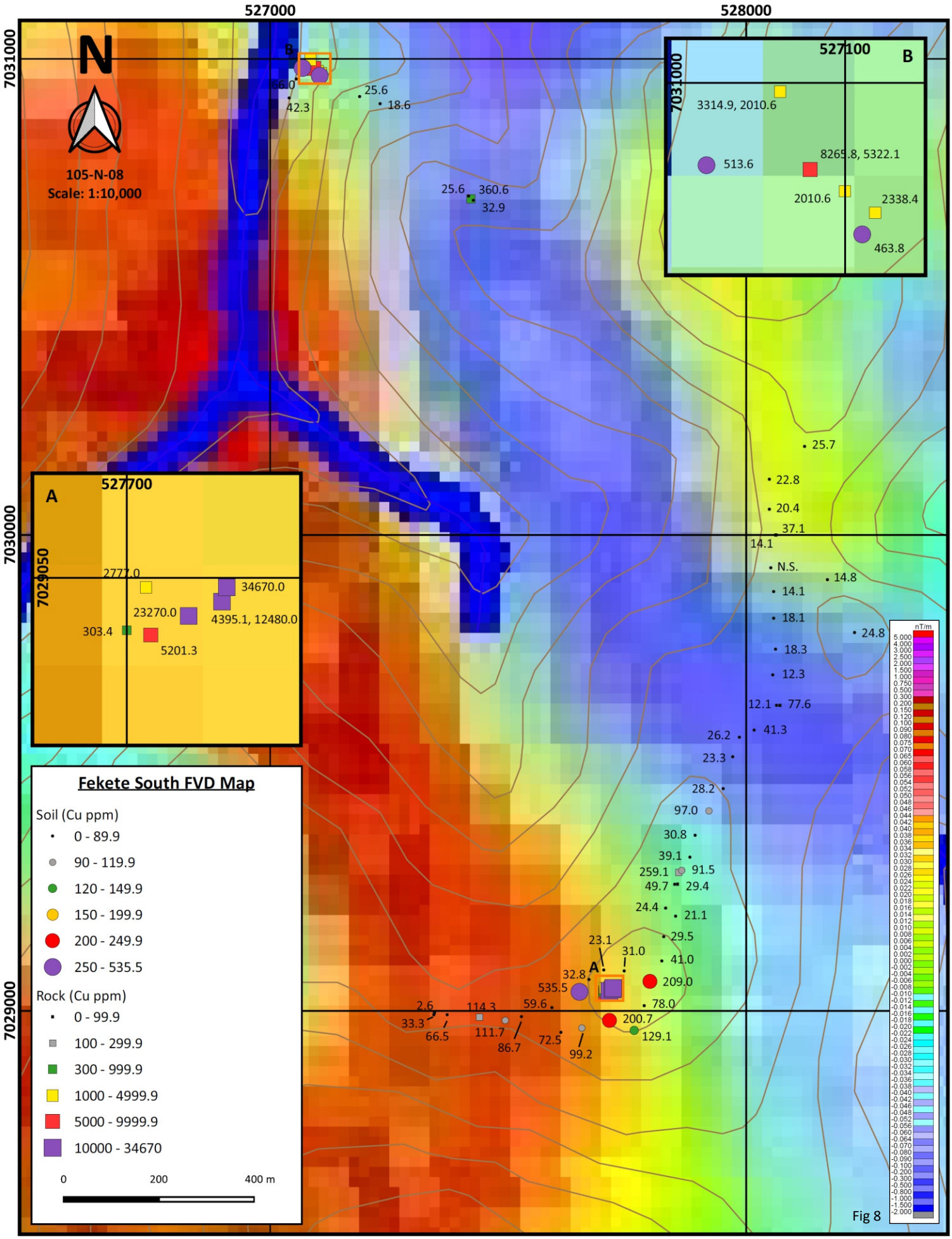
UOFS-05
TLSD-05
TLSD-04
TLSD-03
FSBR-16
UOFS-04
TLSD-02
TLSR-01
TLSD-01
FSUD-16
FSAD-17
UOFS-03
FSAD-18
FSUD-15
A
UOFS-02
UOFS-01
FSAD-16
FSBR-07
FSBR-08
FSAD-13
FSUD-14
FSUD-10
FSAD-11
FSUD-11
FSAD-12
FSUD-12
FSUD-13
FSAD-14
FSAD-15
527700
A
7029050
FSBR-11
FSBR-15
FSBR-13,14
FSBR-10
FSBR-12
FSBR-09
Fekete South Sample Label
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
200
400 m
Fig 6


527000
528000
7031000
7030000
7029000
N
105-N-08
Scale: 1:10,000
B
66.0
42.3
25.6
18.6
25.6
360.6
32.9
527100
B
7031000
3314.9, 2010.6
513.6
8265.8, 5322.1
2010.6
2338.4
463.8
A
527700
7029050
2777.0
34670.0
23270.0
4395.1, 12480.0
303.4
5201.3
25.7
22.8
20.4
37.1
14.1
N.S.
14.8
14.1
18.1
24.8
18.3
12.3
12.1
77.6
41.3
26.2
23.3
28.2
97.0
30.8
39.1
259.1
91.5
49.7
29.4
24.4
21.1
29.5
23.1
31.0
41.0
32.8
A
535.5
209.0
78.0
2.6
114.3
59.6
33.3
66.5
111.7
86.7
72.5
99.2
200.7
129.1
Fekete South Cu Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
200
400 m
Fig 7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528000
7031000
7030000
7029000
N
105-N-08
Scale: 1:10,000
B
66.0
42.3
25.6
18.6
25.6
360.6
32.9
527100
B
7031000
3314.9, 2010.6
513.6
8265.8, 5322.1
2010.6
2338.4
463.8
A
527700
7029050
2777.0
34670.0
23270.0
4395.1, 12480.0
303.4
5201.3
25.7
22.8
20.4
37.1
14.1
N.S.
14.8
14.1
18.1
24.8
18.3
12.3
12.1
77.6
41.3
26.2
23.3
28.2
97.0
30.8
39.1
259.1
91.5
49.7
29.4
24.4
21.1
29.5
23.1
31.0
41.0
A
32.8
209.0
535.5
78.0
59.6
200.7
2.6
114.3
33.3
66.5
111.7
86.7
72.5
99.2
129.1
Fekete South FVD Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
200
400 m
nT/m
5.000
4.000
3.000
2.500
2.000
1.500
1.000
0.750
0.500
0.300
0.200
0.150
0.120
0.100
0.090
0.080
0.075
0.070
0.065
0.060
0.058
0.056
0.054
0.052
0.050
0.048
0.046
0.044
0.042
0.040
0.038
0.036
0.034
0.032
0.030
0.028
0.026
0.024
0.022
0.020
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
-0.002
-0.004
-0.006
-0.008
-0.010
-0.012
-0.014
-0.016
-0.018
-0.020
-0.022
-0.024
-0.026
-0.028
-0.030
-0.032
-0.034
-0.036
-0.038
-0.040
-0.042
-0.046
-0.048
-0.052
-0.056
-0.060
-0.064
-0.070
-0.080
-0.090
-0.100
-0.200
-0.300
-0.500
-0.800
-1.000
-1.500
-2.000

Fig 8

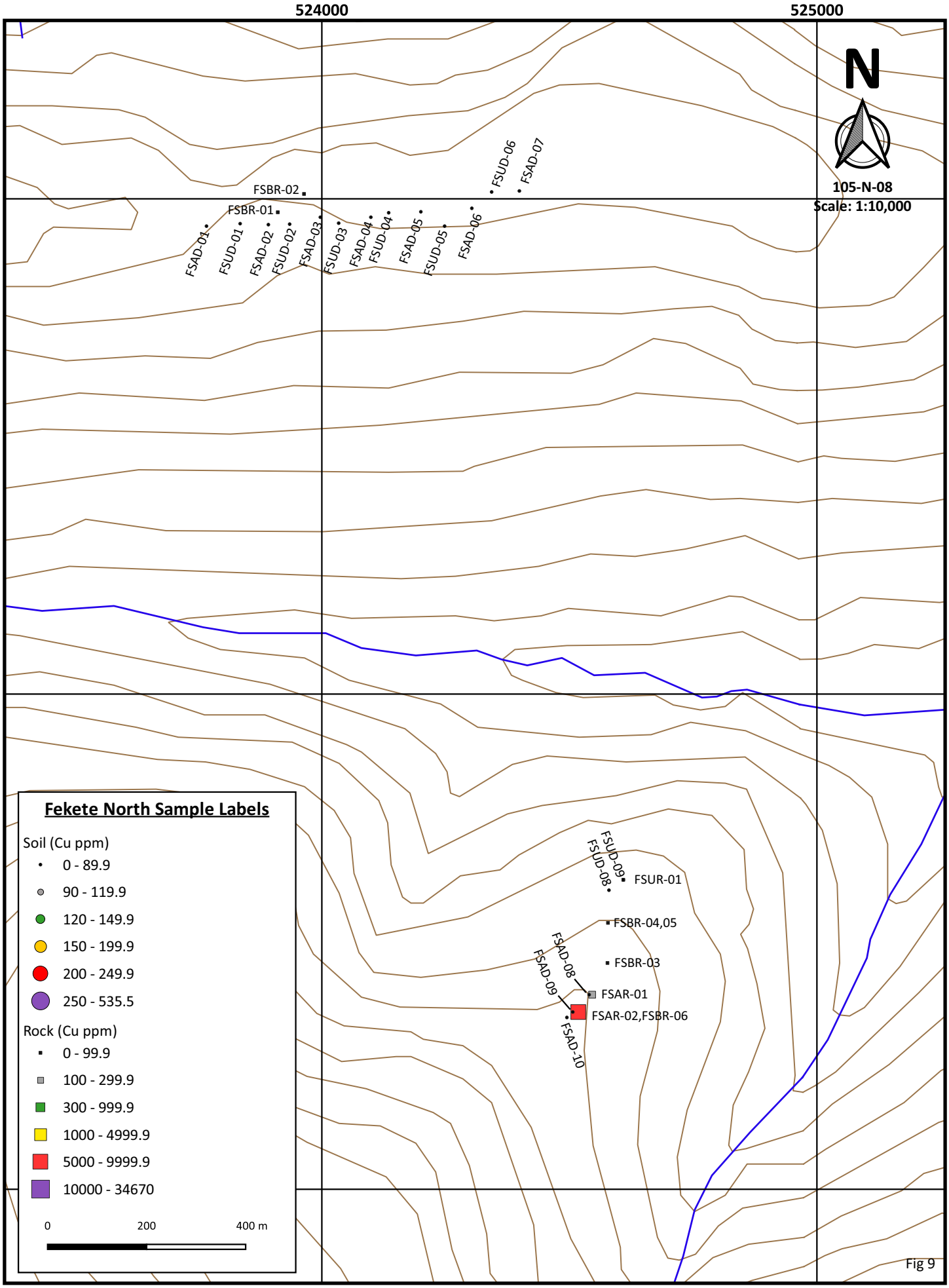

524000
525000
7033000
7032000
7031000
N
105-N-08
Scale: 1:10,000
FSBR-02
FSBR-01
FSAD-01
FSUD-01
FSAD-02
FSUD-02
FSAD-03
FSUD-03
FSAD-04
FSUD-04
FSAD-05
FSUD-05
FSAD-06
FSUD-06
FSAD-07
FSUD-09
FSUD-08
FSUR-01
FSBR-04,05
FSAD-08
FSAD-09
FSBR-03
FSAR-01
FSAR-02,FSBR-06
FSAD-10
Fekete North Sample Labels
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
200
400 m

Fig 9

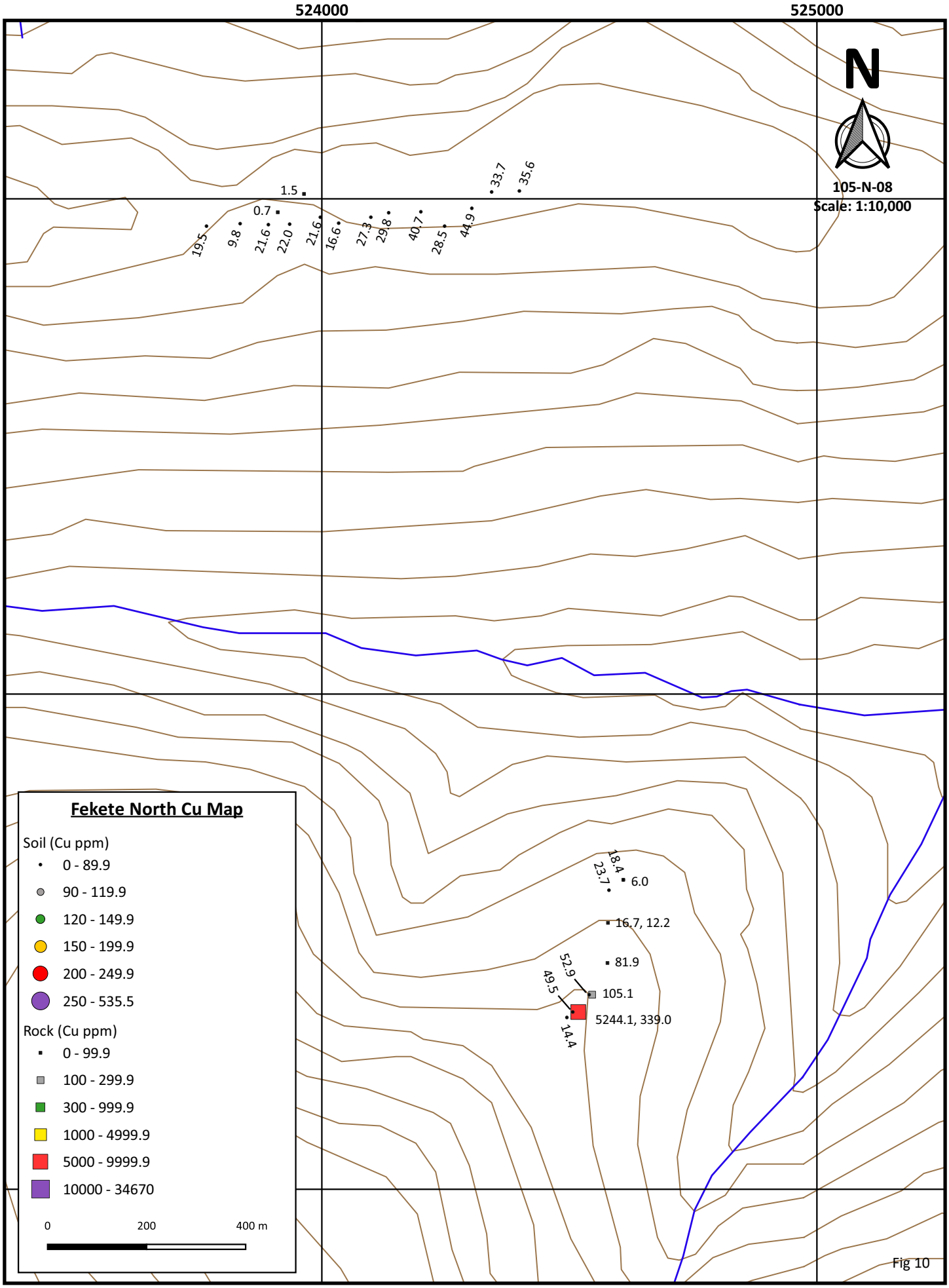
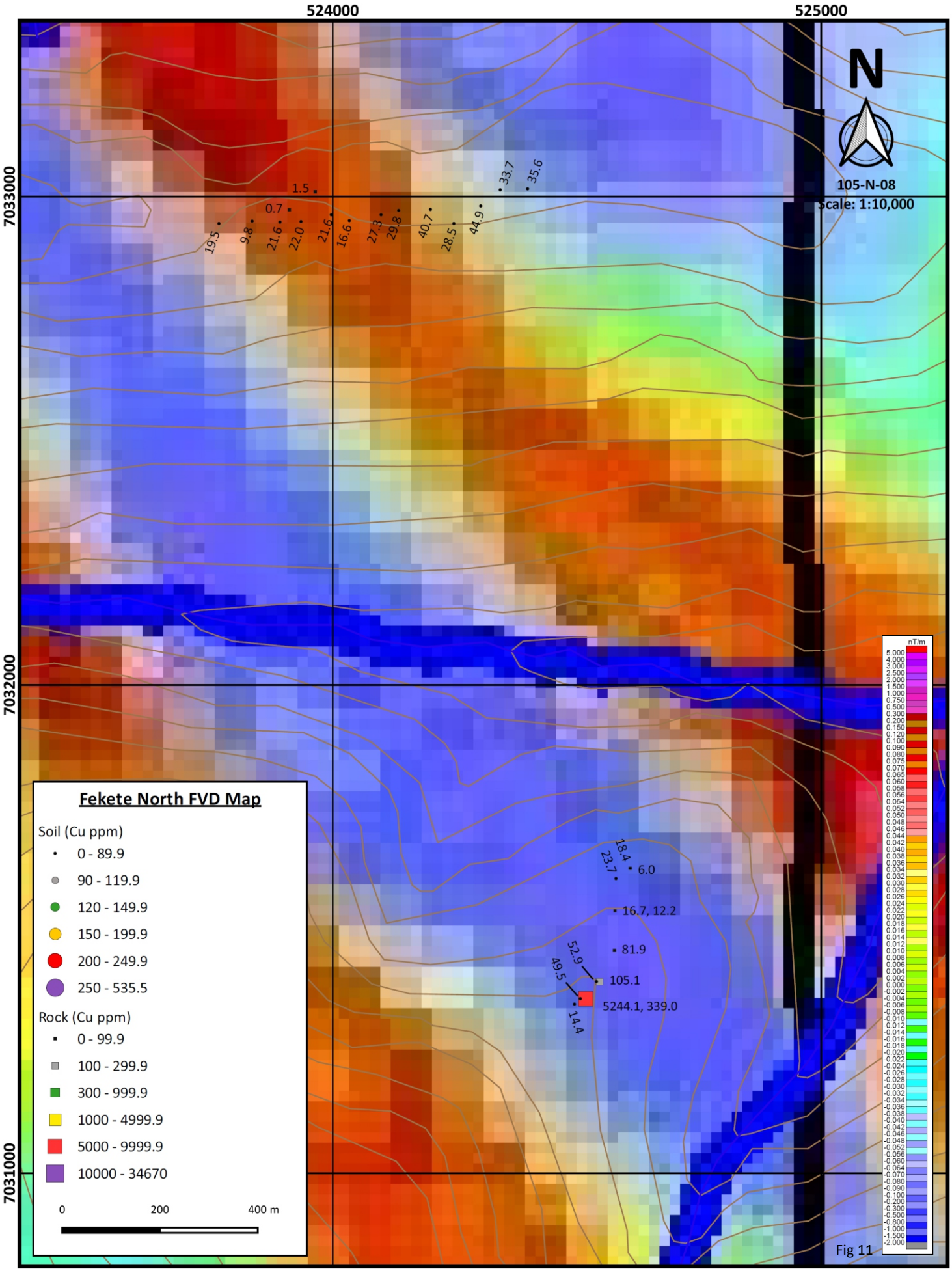

524000
525000
7033000
7032000
7031000
N
105-N-08
Scale: 1:10,000
1.5
0.7
19.5
9.8
21.6
22.0
21.6
16.6
27.3
29.8
40.7
28.5
44.9
33.7
35.6
18.4
23.7
6.0
16.7, 12.2
81.9
52.9
49.5
105.1
5244.1, 339.0
14.4
Fekete North Cu Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
200
400 m

Fig 10


524000
525000
7033000
7032000
7031000
N
105-N-08
Scale: 1:10,000
1.5
0.7
19.5
9.8
21.6
22.0
21.6
16.6
27.3
29.8
40.7
28.5
44.9
33.7
35.6
18.4
23.7
6.0
16.7, 12.2
81.9
52.9
49.5
105.1
5244.1, 339.0
14.4
Fekete North FVD Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
200
400 m
nT/m
Fig 11

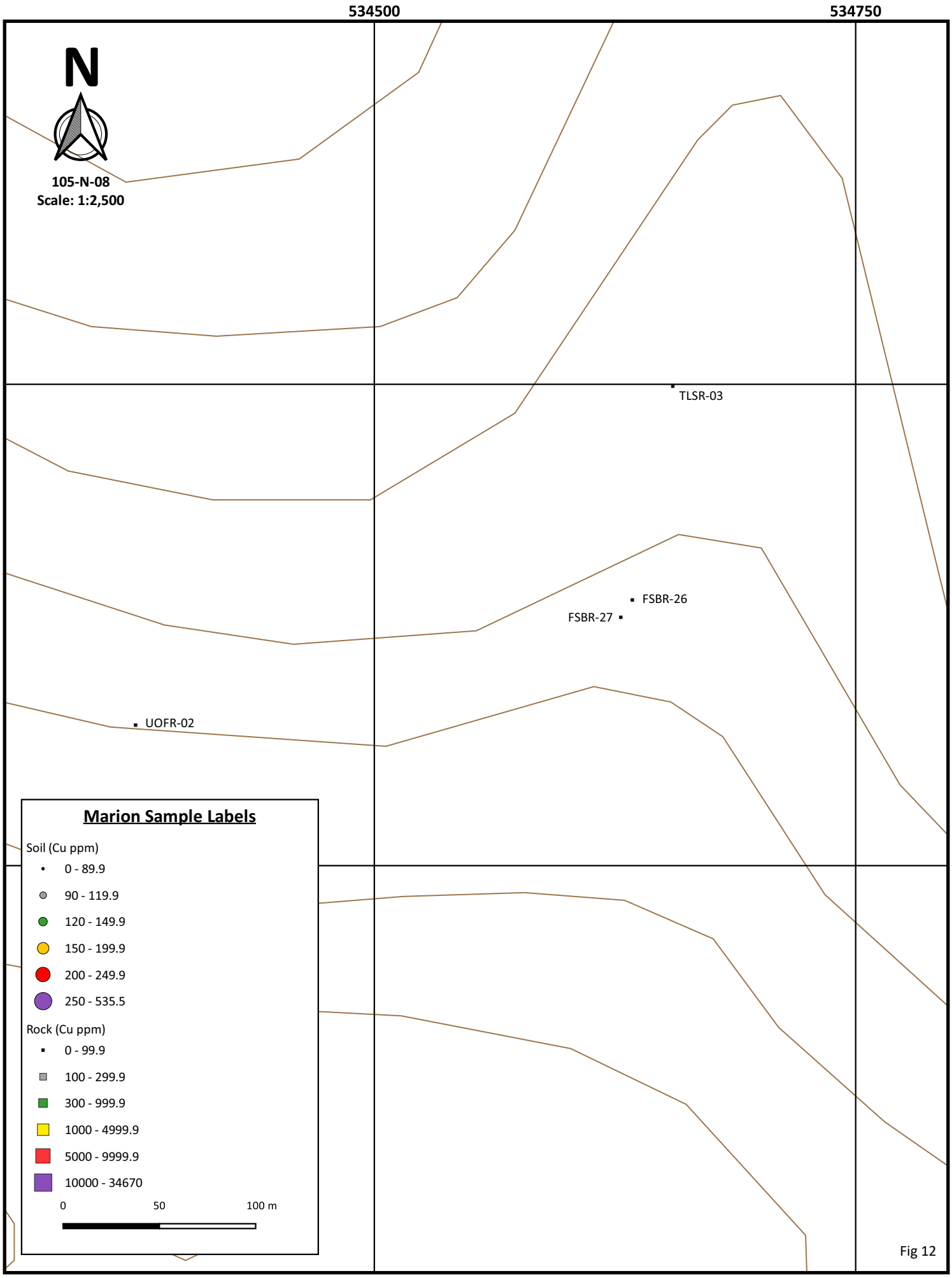

534500
534750
N
105-N-08
Scale: 1:2,500
7030750
7030500
TLSR-03
FSBR-26
FSBR-27
UOFR-02
Marion Sample Labels
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m

Fig 12

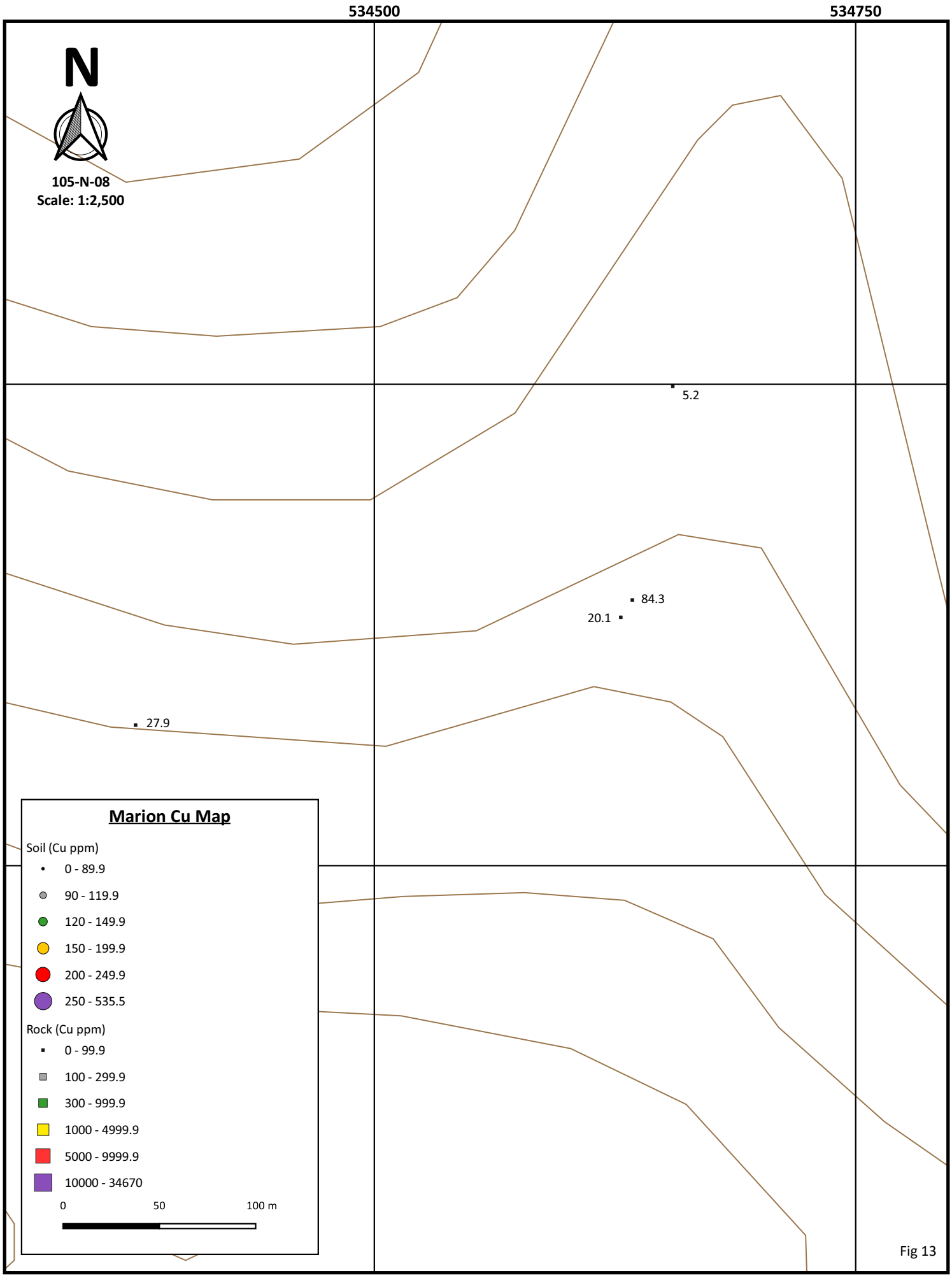

534500
534750
N
105-N-08
Scale: 1:2,500
7030750
7030500
5.2
84.3
20.1
27.9
Marion Cu Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m

Fig 13

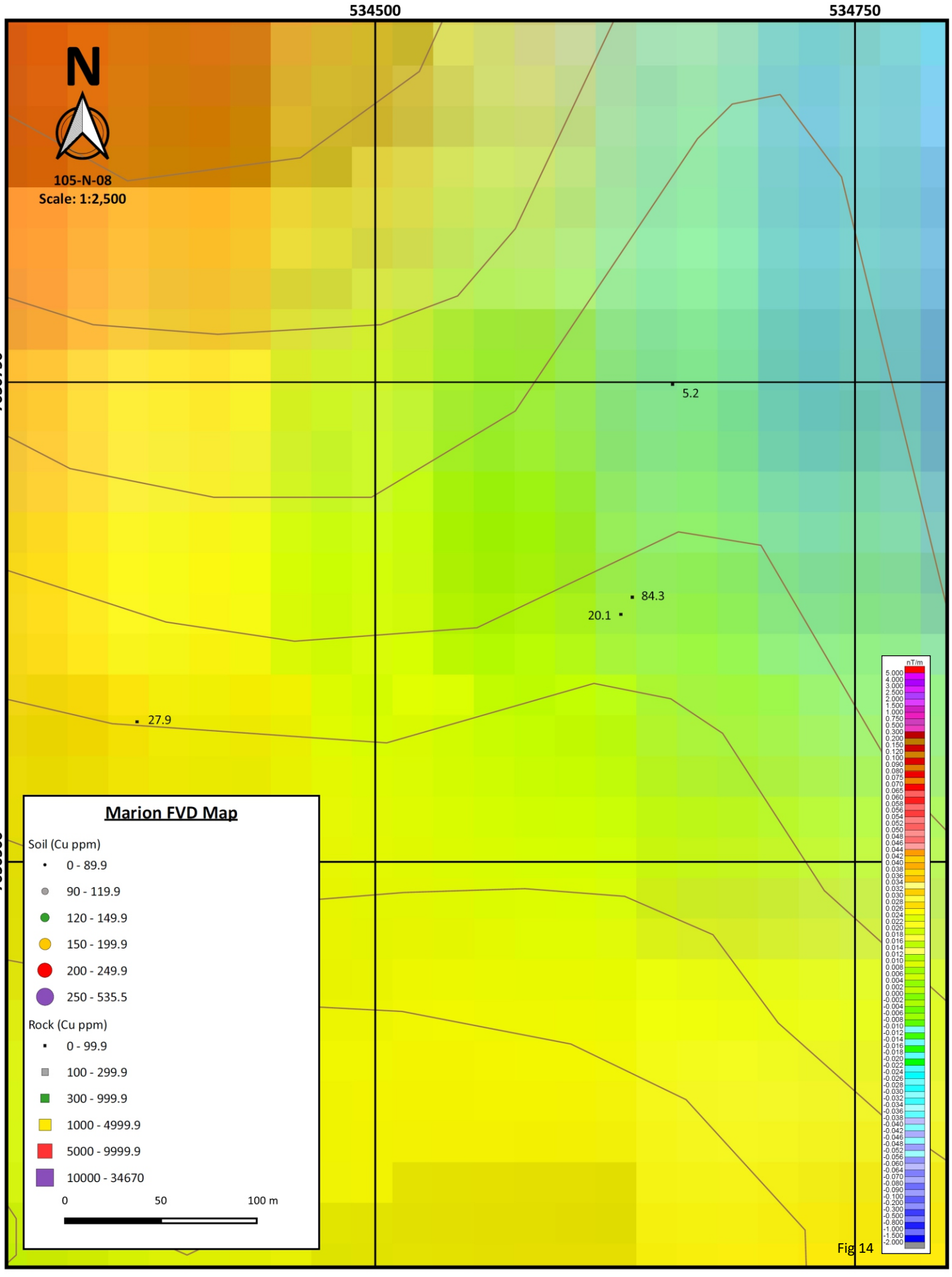

534500
534750
N
105-N-08
Scale: 1:2,500
7030750
7030500
5.2
84.3
20.1
27.9
Marion FVD Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m
nT/m

Fig 14

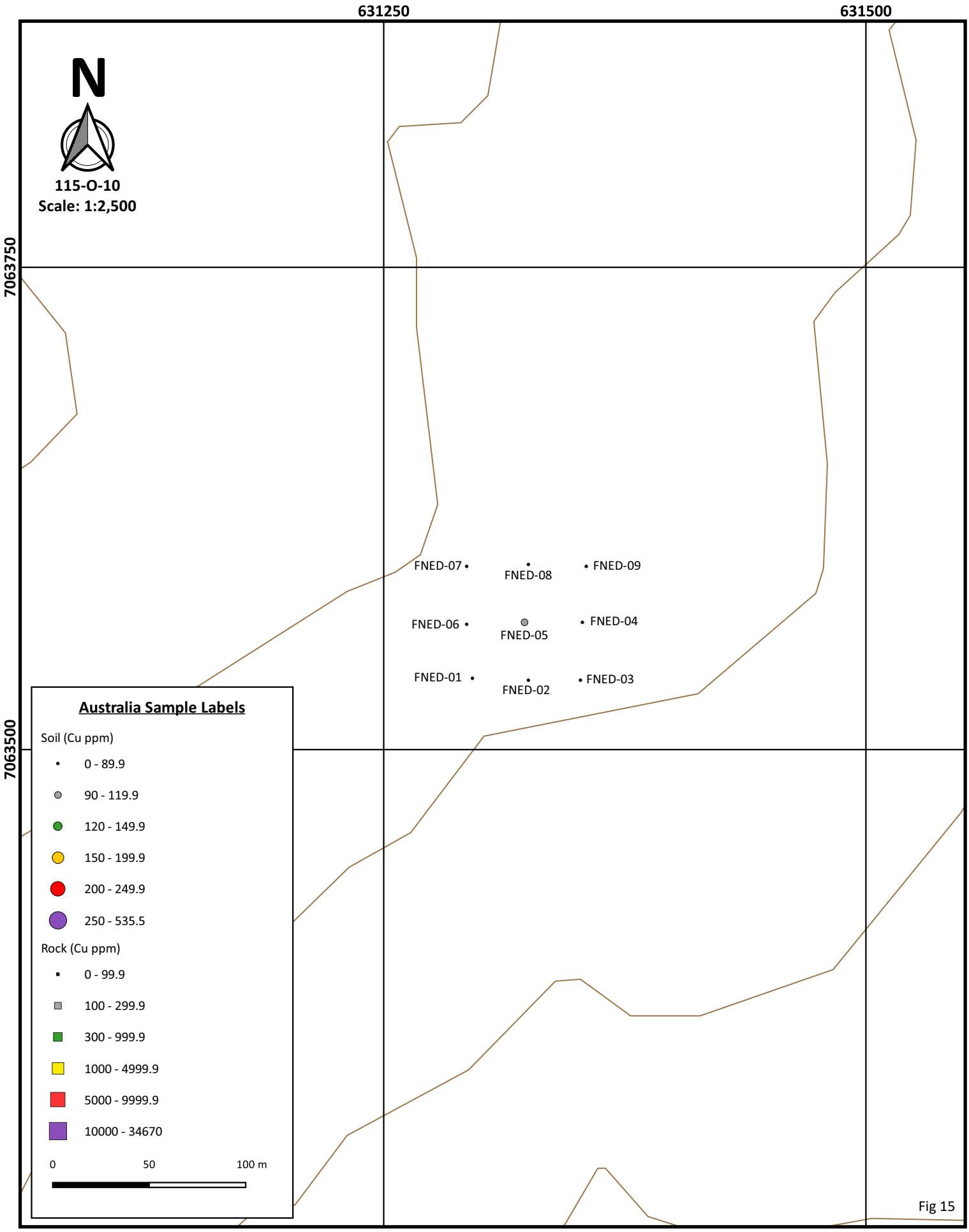

631250
631500
N
115-O-10
Scale: 1:2,500
7063750
7063500
FNED-07
FNED-08
FNED-09
FNED-06
FNED-05
FNED-04
FNED-01
FNED-02
FNED-03
Australia Sample Labels
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m

Fig 15

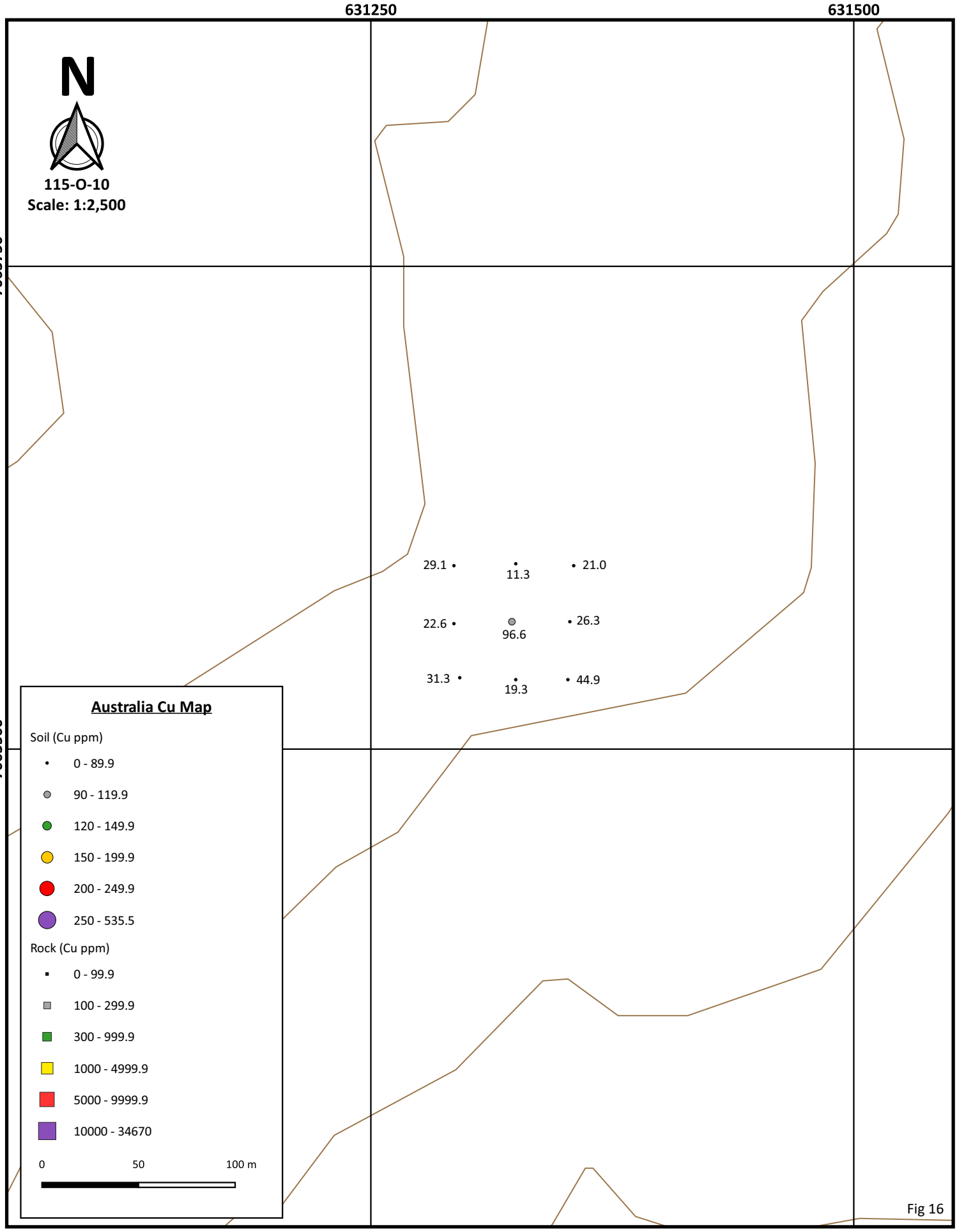

631250
631500
N
115-O-10
Scale: 1:2,500
7063750
7063500
29.1
11.3
21.0
22.6
96.6
26.3
31.3
19.3
44.9
Australia Cu Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m

Fig 16

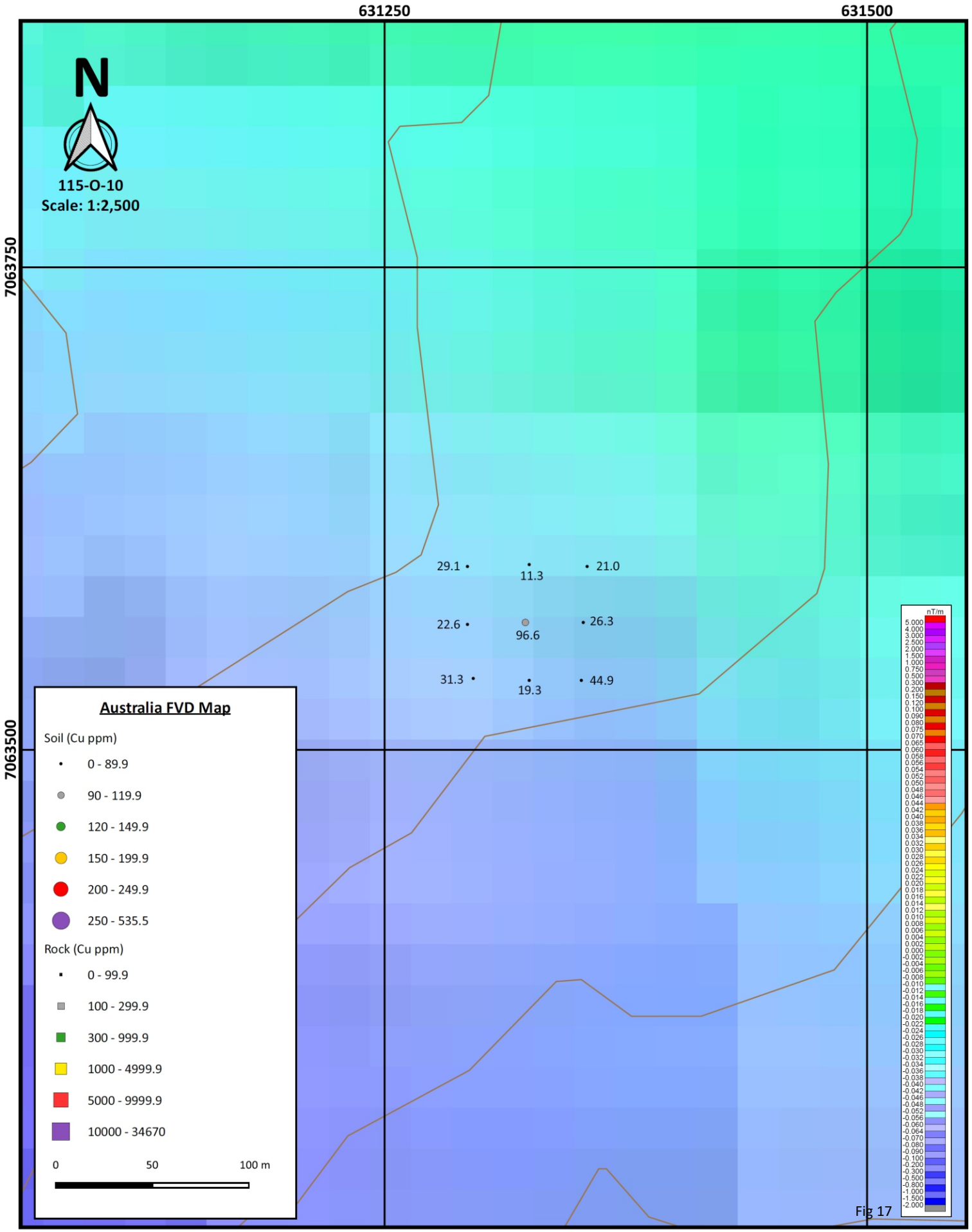
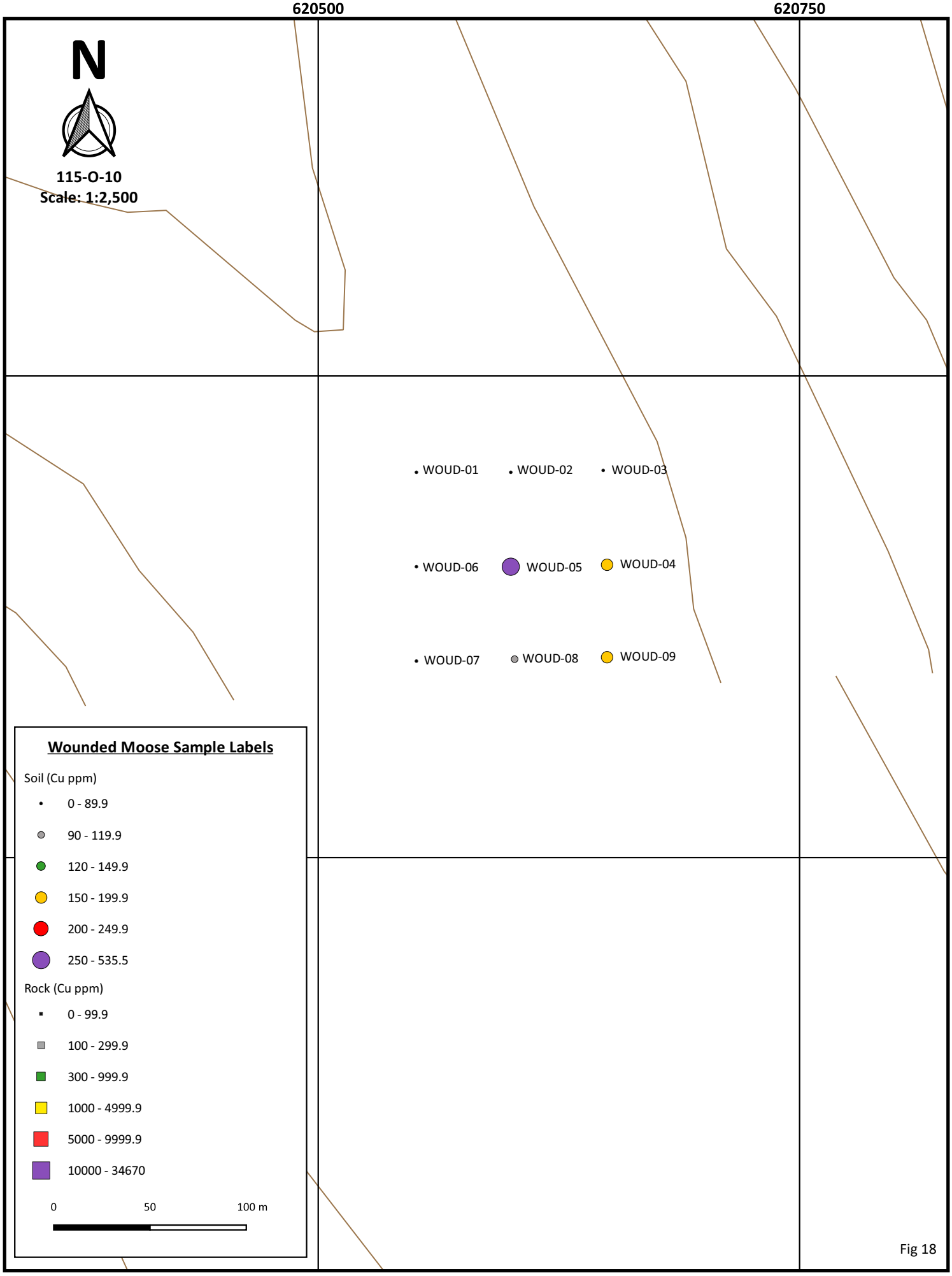

631250
631500
N
115-O-10
Scale: 1:2,500
7063750
7063500
29.1
11.3
21.0
22.6
96.6
26.3
31.3
19.3
44.9
Australia FVD Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m
nT/m

Fig 17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620750
7043750
7043500
N
115-O-10
Scale: 1:2,500
WOUD-01
WOUD-02
WOUD-03
WOUD-06
WOUD-05
WOUD-04
WOUD-07
WOUD-08
WOUD-09
Wounded Moose Sample Labels
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m

Fig 18


620500
620750
N
115-O-10
Scale: 1:2,500
7043750
7043500
29.1
18.4
36.1
22.0
440.0
151.9
37.4
94.5
172.7
Wounded Moose Cu Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m

Fig 19

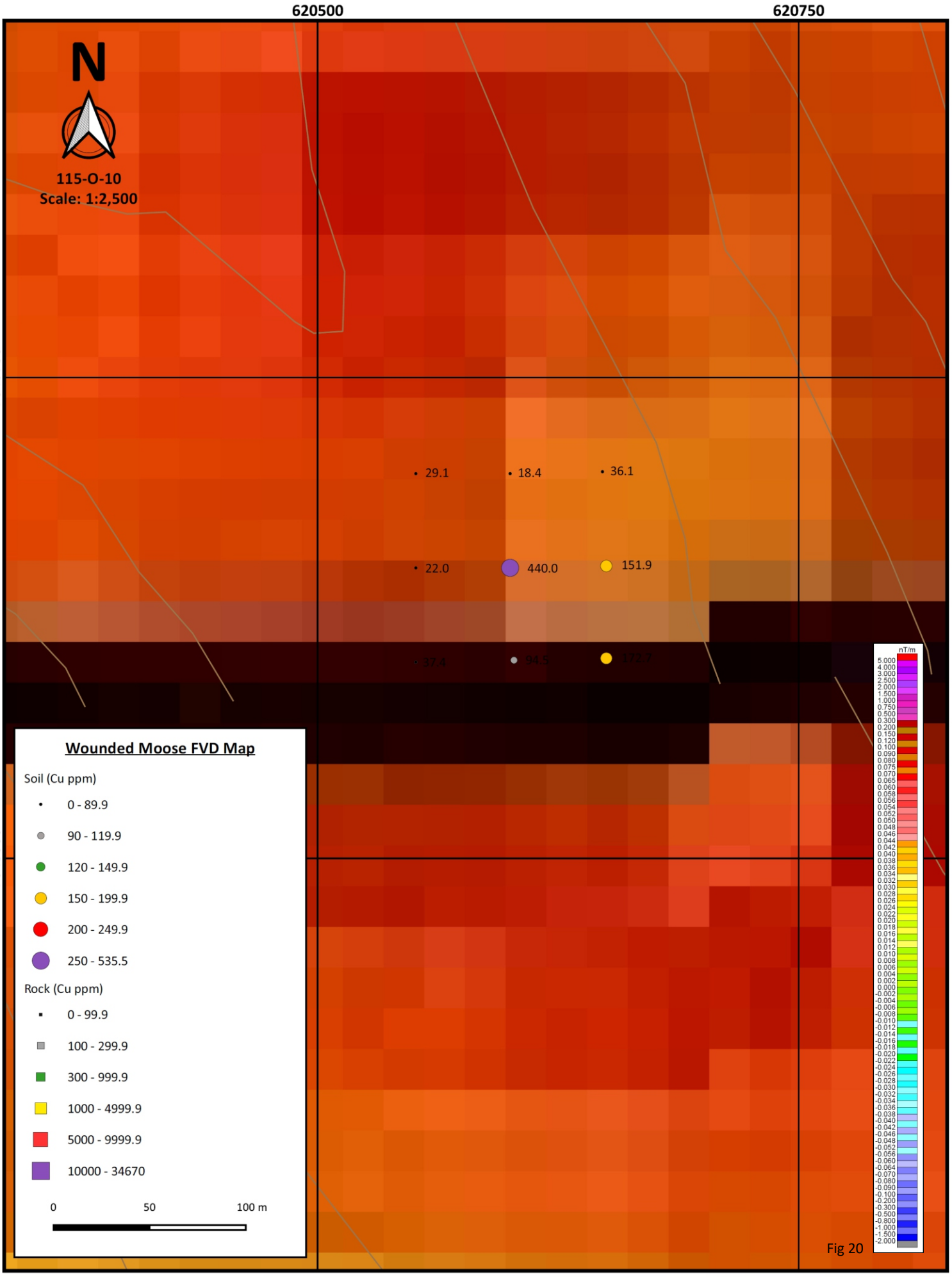
620500
620750
7043750
7043500
N
115-O-10
Scale: 1:2,500
29.1
18.4
36.1
22.0
440.0
151.9
37.4
94.5
172.7
Wounded Moose FVD Map
Soil (Cu ppm)
0 - 89.9
90 - 119.9
120 - 149.9
150 - 199.9
200 - 249.9
250 - 535.5
Rock (Cu ppm)
0 - 99.9
100 - 299.9
300 - 999.9
1000 - 4999.9
5000 - 9999.9
10000 - 34670
0
50
100 m
nT/m

Fig 20

Conclusions – Further work is recommended at Fekete in an effort to better define the extent of mineralization encountered. Although currently thought to be a series of pods related to contact metasomatism, this style of mineralization is known to occur within the aureole of porphyry copper deposits and overall, the geological setting is somewhat permissive for Eocene aged porphyry copper deposits. Further work, but of limited importance, is also recommended for Wounded Moose. The presence of the historic copper soil anomaly was confirmed but follow up soil sampling shows it to be a single point anomaly likely with little "size potential". Furthermore, the geochemical signature and geological setting is suggestive of the presence of a narrow quartz sulphide vein or veins and the prospecting and hand pitting completed failed to locate significant mineralization or alteration. No further work is recommended at Australia. The presence of the historic Cu-Zn soil anomaly was not confirmed and only very limited mineralization or alteration were noted by the prospecting conducted. No further work is recommended for Marion as outcrop and talus is fairly widespread and preliminary prospecting failed to encounter any mineralization of significance.

Recommendations – Follow up work at Fekete should consist of a small soil sampling grid, further prospecting and some geological mapping. Pending positive results from this work an airborne magnetic and radiometric geophysical survey centred over the mineralized showing should be considered. Work at Wounded Moose could be completed on a "when in the area" basis, and could consist of further hand trenching and prospecting at the site of the copper-lead-zinc-gold soil anomaly in an effort to define a source for it.

Sample	Type	Easting	Northing	Description	Wgt	Cu	Pb	Zn	Ag	Au	Bi	W
FSAR-01	Rock	524540	7031393	weakly propy slt qtz mica schist with weak qtz stkwrk minor hematite py/cpy ? Along frac faces small patch amethystine qtz intergrown with epidote	0.87	105.1	79	124	0.5	0.6	0.9	1.5
FSAR-02	Rock	524507	7031358	qtz biotite schist very weak propy alt weakly brx with vuggy qtz + py/cpy along fracs, mal on frac faces	1.29	5244.1	367.1	143	9.5	1.3	44.1	2.7
FSBR-01	Rock	523911	7032973	weakly lim qtz vns or boudin possibly 30-50cm or more in width as rubble on ridge crest	0.72	0.7	1	2	<0.1	0.6	<0.1	<0.1
FSBR-02	Rock	523964	7033010	weakly pyritic white quartz augem schist with minor diss py schist cut by sheeted hairline qtz vns	0.5	1.5	17.6	4	<0.1	1.2	0.1	<0.1
FSBR-03	Rock	524577	7031457	felsite ? Minor qtz and hematite	0.95	81.9	28.1	42	0.5	<0.5	2.8	3.1
FSBR-04	Rock	524578	7031538	weakly porpylitic alt qtz mica schist with hematite along qtz rich bands or areas	0.88	16.7	8.5	33	<0.1	<0.5	0.3	0.8
FSBR-05	Rock	524578	7031542	qtz hematite and magnetite stkwrk with trace py qtz mica schist	0.8	12.2	7.5	17	<0.1	<0.5	0.4	0.8
FSBR-06	Rock	524507	7031358	banded qtz rich schist with weak frac stkwrk epidote-qtz-chalco-mal along fracs	0.43	339	102.7	367	1.8	1.3	17.3	0.9
FSBR-07	Rock	527345	7028997	qtz feldspar ppy with hematite diss and on fracs	0.79	2.6	10.6	8	<0.1	3.3	0.2	1.7
FSBR-08	Rock	527440	7028987	qtz feldsparppy cut by fine qtz stkwrk trace diss py hematite	0.37	114.3	50.4	7	0.8	1.4	6.6	1
FSBR-09	Rock	527705	7029038	mal and epidote mineralized bleached qtz rich schist trace cpy + either hematite or Mo	0.61	5201.3	830.5	606	4.8	2.3	0.4	10.1
FSBR-10	Rock	527700	7029039	bleahced and clay alt felsite ? Cut by stkwrk dark grey qtz hematite magnetite trace cpy poss trace Mo	0.3	303.4	189.4	138	0.9	11.4	1.6	1
FSBR-11	Rock	527704	7029048	feldspar ppy qtz groundmass diss cpy and hematite minor mal	1.17	2777	2303.1	327	9.1	<0.5	4.8	1.2
FSBR-12	Rock	527713	7029042	brx qtz-biotite schist abundant mal minor azurite trace cpy poss fine moly or hematite	0.83	23270	30600	1820	11.3	1.7	1.7	79.7
FSBR-13	Rock	527720	7029045	qtz ppy dark matrix diss cpy hematite py trace mal	0.61	4395.1	3483.6	1791	5.5	1.7	2	>100.0
FSBR-14	Rock	527720	7029045	heavily alt qtz feldspar int with mal trace cpy hematite mod epidote alt trace mag/py	0.79	12480	29400	1711	19.7	2	25	1.7
FSBR-15	Rock	527721	7029048	mal/azr rock	0.72	34670	3750.3	2009	3.6	0.6	0.9	5.4
FSBR-16	Rock	527859	7029291	meta int med to weak frac and patchy epidote tiny malachite patch	0.64	259.1	122.6	111	0.5	<0.5	<0.1	2.1
FSBR-17	Rock	528066	7029642	feldspar ppy int lim and clay alt trace cubic py	0.52	77.6	46.6	11	0.3	0.8	0.7	0.4
FSBR-18	Rock	527422	7030706	pyritic and weakly epidote alt silicic qtz biotite schist (Nasina Series?)	0.31	360.6	14.6	103	1	30.6	<0.1	0.3
FSBR-19	Rock	527107	7030970	qtz mal epidote cpy lined frac cutting foliated or weakly brx nassina series qtzt	0.38	2338.4	257.8	636	16.5	8.5	43.4	0.4

Sample	Type	Easting	Northing	Description	Wgt	Cu	Pb	Zn	Ag	Au	Bi	W
FSBR-20	Rock	527100	7030975	heavy epidote in a graphitic qtzt az+mal on fracs and along margins of epidote	0.63	2010.6	117.7	391	10.5	9.7	8.1	0.3
FSBR-21	Rock	527092	7030980	qtz graphitic qtz brx with stroing epidote alt and mal	0.7	8265.8	1497.3	1027	44.6	12.5	27.3	1
FSBR-22	Rock	527092	7030980	weak qtz stkwrk cutting graphitic qtzt az+mal on frac faces patchy epidote alt	0.95	5322.1	219.7	756	12.5	4.8	22.8	0.5
FSBR-23	Rock	527085	7030998	epidote alt qtz chl schist with mal on frac trace cpy in epidote	0.49	3314.9	129.5	537	35.2	15.8	75.3	1.5
FSBR-24	Rock	527085	7030998	brx vuggy contact between qtzt and ppy int	0.34	2453.8	419.3	460	39.6	28.9	94	0.3
FSBR-25	Rock	527090	7131005	lim qtz ppy feldspar int	0.59	186.2	38.3	64	0.5	1.1	1.4	1.6
FSBR-26	Rock	534634	7030638	qtz chlorite schist with garnet ppy blasts trace cpy near garnets and along a frac	0.14	84.3	6.4	80	0.4	0.8	0.7	<0.1
FSBR-27	Rock	534628	7030629	qtz-chl schist py to 0.2% poss trace cpy	0.51	20.1	10.4	81	0.1	5.1	<0.1	<0.1
FSUR-01	Rock	524609	7031625	beige qtz mica schist, lim quartz hematitic vn and trace diss magnetite	0.24	6	20.7	3	<0.1	0.5	0.6	1.1
TLSR-01	Rock	527850	7029266	qtz biotite chlorite int cut by qtz vn with minor mal (meta-granite)	0.33	29.4	4	78	<0.1	0.8	<0.1	0.3
TLSR-02	Rock			muscovite schist cut by cm scale vn with py ? Cpy	0.32	23.1	6.3	48	<0.1	0.8	<0.1	<0.1
TLSR-03	Rock	534655	7030749	foliated qtz mica schist trace py	0.58	5.2	5.4	42	<0.1	<0.5	<0.1	<0.1
UOFR-01	Rock	528063	7030000	weakly pyritic qtz ppy int and lim, very weak epidote adjacent to rusty py	0.5	37.2	8.2	23	0.3	2.4	<0.1	0.6
UOFR-02	Rock	534376	7030573	brx qtz mica schist in clay alt schist	0.68	27.9	4.1	16	0.2	2.8	0.1	<0.1

Sample	Type	Easting	Northing	Description	Target Area	Cu	Pb	Zn	Ag	Au	W
FNED-01	Soil	631296	7063537		Aus NE	31.3	8.6	69	0.1	1.1	0.6
FNED-02	Soil	631325	7063536		Aus NE	19.3	11.6	83	0.2	1.5	40.1
FNED-03	Soil	631352	7063536		Aus NE	44.9	5.1	62	<0.1	2.8	28.2
FNED-04	Soil	631353	7063566		Aus NE	26.3	79.6	518	<0.1	<0.5	7.3
FNED-05	Soil	631323	7063566	old sample site	Aus NE	96.6	5.2	171	0.1	<0.5	>100.0
FNED-06	Soil	631293	7063565		Aus NE	22.6	9.4	70	<0.1	0.6	0.8
FNED-07	Soil	631293	7063595		Aus NE	29.1	8.6	67	0.1	1.5	0.6
FNED-08	Soil	631325	7063596		Aus NE	11.3	11.3	63	<0.1	<0.5	2.2
FNED-09	Soil	631355	7063595		Aus NE	21	8.7	36	<0.1	1.6	1
FSAD-01	Soil	523767	7032945	Wet "B"	Fekete SW	19.5	17.7	51	<0.1	2	0.2
FSAD-02	Soil	523892	7032948	Frozen "B"	Fekete SW	21.6	17.8	48	<0.1	2.6	0.2
FSAD-03	Soil	523997	7032963	Frozen "B"	Fekete SW	21.6	30.6	61	<0.1	1	0.3
FSAD-04	Soil	524099	7032963	Frozen "B"	Fekete SW	27.3	10.5	69	0.2	2.8	0.2
FSAD-05	Soil	524200	7032974		Fekete SW	40.7	10.7	68	0.3	1.8	0.2
FSAD-06	Soil	524303	7032981	Frozen "B"	Fekete SW	44.9	15.7	87	<0.1	2.3	0.3
FSAD-07	Soil	524399	7033016	Frozen "B"	Fekete SW	35.6	10.6	90	0.1	1.5	0.2
FSAD-08	Soil	524540	7031393		Fekete SW	52.9	102.4	128	<0.1	4	0.8
FSAD-09	Soil	524507	7031358		Fekete SW	49.5	190.9	95	0.3	2.2	0.5
FSAD-10	Soil	524495	7031347		Fekete SW	14.4	28	47	<0.1	1.8	0.2
FSAD-11	Soil	527372	7028992		Fekete SW	66.5	27.6	112	0.2	1.1	0.3
FSAD-12	Soil	527528	7028988		Fekete SW	86.7	32.6	66	<0.1	5.8	1
FSAD-13	Soil	527592	7029007	Frozen muddy "B/C"	Fekete SW	59.6	43.6	91	0.5	0.8	0.3
FSAD-14	Soil	527713	7028980	Frozen muddy "B/C"	Fekete SW	200.7	135.5	90	1.2	2.4	0.5
FSAD-15	Soil	527765	7028959	Frozen "B/C"	Fekete SW	129.1	80.1	114	0.3	2	0.5
FSAD-16	Soil	527798	7029062		Fekete SW	209	211.1	135	0.2	2.5	1.5
FSAD-17	Soil	527827	7029156		Fekete SW	29.5	11.6	61	0.3	8.8	0.2
FSAD-18	Soil	527744	7029084		Fekete SW	31	14	62	1.1	2.2	0.2
FSBD-01	Soil	528228	7029795	poss heli site	Fekete SW	24.8	21.2	52	0.3	1.1	<0.1
FSBD-02	Soil	528171	7029906	qtz-ppy int frags	Fekete SW	14.8	13.2	43	0.1	1.6	0.1
FSBD-03	Soil	528123	7030186	poss heli site	Fekete SW	25.7	32.4	48	0.9	2.6	0.1
FSUD-01	Soil	523835	7032950		Fekete SW	9.8	60.4	45	<0.1	0.5	0.2
FSUD-02	Soil	523935	7032949		Fekete SW	22	22.8	51	0.3	1.4	0.1
FSUD-03	Soil	524034	7032951		Fekete SW	16.6	26	46	0.2	1.5	0.2
FSUD-04	Soil	524135	7032972		Fekete SW	29.8	12	63	0.4	2.8	0.2
FSUD-05	Soil	524248	7032945		Fekete SW	28.5	19.9	62	0.1	2.4	0.3
FSUD-06	Soil	524343	7033014		Fekete SW	33.7	12.4	60	<0.1	4.3	0.2
FSUD-07	Soil	524444	703012		Fekete SW	36.4	12.6	65	0.1	1.3	0.3
FSUD-08	Soil	524580	7031604		Fekete SW	23.7	21.6	62	0.1	2	0.2
FSUD-09	Soil	524609	7031625		Fekete SW	18.4	48.7	56	<0.1	1	0.3
FSUD-10	Soil	527344	7028992		Fekete SW	33.3	46.7	71	0.1	2.8	0.4
FSUD-11	Soil	527494	7028980		Fekete SW	111.7	42.9	70	1.6	4.9	0.2
FSUD-12	Soil	527611	7028955		Fekete SW	72.5	44	80	0.1	0.7	0.4
FSUD-13	Soil	527655	7028964		Fekete SW	99.2	46.1	84	0.1	<0.5	0.6
FSUD-14	Soil	527786	7029011		Fekete SW	78	50.9	223	0.1	1	1
FSUD-15	Soil	527823	7029105		Fekete SW	41	9.6	72	0.1	4.9	0.2
FSUD-16	Soil	527852	7029199		Fekete SW	21.1	11.9	72	<0.1	2.1	0.4
TLSD-01	Soil	527831	7029216		Fekete SW	24.4	12.4	71	0.1	1	0.2
TLSD-02	Soil	527850	7029266		Fekete SW	49.7	21.5	83	<0.1	4.9	0.3
TLSD-03	Soil	527882	7029323		Fekete SW	39.1	9.1	71	<0.1	1	0.5
TLSD-04	Soil	527893	7029369		Fekete SW	30.8	6.6	64	<0.1	1.6	0.3
TLSD-05	Soil	527922	7029420		Fekete SW	97	90.1	106	<0.1	<0.5	2.4
TLSD-06	Soil	527972	7029534		Fekete SW	23.3	8.9	67	<0.1	3.7	0.3
TLSD-07	Soil	527986	7029575		Fekete SW	26.2	10.3	78	<0.1	1.1	0.6
TLSD-08	Soil	528056	7029706		Fekete SW	12.3	26.8	49	<0.1	1.9	0.2

Sample	Type	Easting	Northing	Description	Target Area	Cu	Pb	Zn	Ag	Au	W
TLSD-09	Soil	528058	7029825		Fekete SW	18.1	19.6	56	0.5	13.2	0.1
TLSD-10	Soil	528052	7029931	no samp frozen A	Fekete SW	NS	NS	NS	NS	NS	NS
TLSD-11	Soil	528049	7030054		Fekete SW	20.4	39.5	56	<0.1	1.1	0.2
TLSD-12	Soil	527417	7030712		Fekete SW	25.6	54.2	103	0.1	1.9	0.1
UOFS-01	Soil	527650	7029040		Fekete SW	535.5	555.3	164	0.3	6.2	2.3
UOFS-02	Soil	527670	7029066		Fekete SW	32.8	132.3	73	0.4	6.8	0.2
UOFS-03	Soil	527701	7029086		Fekete SW	23.1	31.9	59	0.6	3	0.2
UOFS-04	Soil	527865	7029295		Fekete SW	91.5	41	150	<0.1	1.2	0.8
UOFS-05	Soil	527952	7029467		Fekete SW	28.2	13.2	78	<0.1	2.5	0.5
UOFS-06	Soil	528017	7029590		Fekete SW	41.3	30.1	89	<0.1	1.9	0.4
UOFS-07	Soil	528064	7029642		Fekete SW	12.1	28.9	50	<0.1	1.2	0.1
UOFS-08	Soil	528062	7029760		Fekete SW	18.3	21.5	65	0.1	2.5	0.1
UOFS-09	Soil	528058	7029881		Fekete SW	14.1	19.6	67	0.1	1.5	0.2
UOFS-10	Soil	528063	7030000	qtz-ppy int frags	Fekete SW	14.1	17.9	48	1.3	3.7	0.1
UOFS-11	Soil	528049	7030117		Fekete SW	22.8	40.9	54	0.2	2.8	0.2
UOFS-12	Soil	527427	7030703		Fekete SW	32.9	12.3	84	0.1	2.8	0.2
UOFS-13	Soil	527231	7030906		Fekete SW	18.6	67.6	117	0.3	2.1	0.2
UOFS-14	Soil	527188	7030921		Fekete SW	25.6	267.6	249	0.9	4.7	0.2
UOFS-15	Soil	527104	7030965		Fekete SW	463.8	815.5	961	2.6	4.8	0.4
UOFS-16	Soil	527068	7030981		Fekete SW	513.6	236.7	691	3.3	1.9	0.5
UOFS-17	Soil	527055	7030958		Fekete SW	66	117	445	1.6	1.6	4.5
UOFS-18	Soil	527040	7030918		Fekete SW	42.3	164.4	380	2.6	1.2	1.7
WOUD-01	Soil	620551	7043700		Wounded	29.1	6.4	91	<0.1	1.5	0.3
WOUD-02	Soil	620600	7043700		Wounded	18.4	10.7	60	<0.1	4.3	0.2
WOUD-03	Soil	620648	7043701		Wounded	36.1	5.9	117	<0.1	2	0.1
WOUD-04	Soil	620650	7043652		Wounded	151.9	11.9	406	<0.1	4.1	0.2
WOUD-05	Soil	620600	7043651		Wounded	440	98.6	608	0.2	52.9	0.1
WOUD-06	Soil	620551	7043651		Wounded	22	1.6	138	<0.1	<0.5	0.2
WOUD-07	Soil	620551	7043602		Wounded	37.4	7.1	121	<0.1	2.3	0.2
WOUD-08	Soil	620602	7043603		Wounded	94.5	3.5	243	<0.1	<0.5	<0.1
WOUD-09	Soil	620650	7043604		Wounded	172.7	6.3	228	<0.1	0.8	0.2

Statement of Qualifications

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

I have 33 years prospecting experience in the Yukon and BC.

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

This report is based on fieldwork completed during the 2021 field season.

This report is based on fieldwork completed on the ORTRA Project, located south and southwest of Dawson City, Yukon.

Respectfully submitted,

_____

Bernie Kreft

Cost Statement

Fireweed Helicopters (5.1 hours helicopter)	=	$7,334.21
Assaying 84 soils and 35 rocks (AQ201, 35 element icp)	=	$3,167.63
Wages Bernie Kreft 4 man days x $350/day	=	$1,400.00
Wages Justin Kreft 4 man days x $350/day	=	$1,400.00
Wages Jarret Kreft 4 man days x $350/day	=	$1,400.00
Food, field and Camp 12 man days $100/day	=	$1,200.00
Truck Travel 2 round trips Whitehorse-Dawson + around Dawson 2,150km x $0.60/km	=	$1,290.00
Report Prep	=	$1,800.00
	TOTAL =	$18,991.84

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

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

Submitted By:	Bernie Kreft
Receiving Lab:	Canada-Whitehorse
Received:	June 22, 2021
Analysis Start:	June 28, 2021
Report Date:	June 30, 2021
Page:	1 of 4

CERTIFICATE OF ANALYSIS WHI21000114.1

CLIENT JOB INFORMATION

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	66

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
SS80	66	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	66	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	66	Disposal of pulps			VAN
SHP01	66	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.

BUREAU VERITAS MINERAL LABORATORIES Canada

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

Project: None Given
Report Date: June 30, 2021

CERTIFICATE OF ANALYSIS WHI21000114.1

Method		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
FSAD-01	Soil	1.1	19.5	17.7	51	<0.1	19.5	9.0	267	3.12	9.0	0.8	2.0	4.6	19	<0.1	0.5	0.2	76	0.22	0.034
FSAD-02	Soil	1.1	21.6	17.8	48	<0.1	20.8	8.8	307	2.95	8.8	1.1	2.6	6.3	16	<0.1	0.5	0.2	69	0.17	0.031
FSAD-03	Soil	1.2	21.6	30.6	61	<0.1	21.7	8.2	279	3.11	10.3	1.3	1.0	13.5	17	0.1	0.5	0.3	72	0.17	0.019
FSAD-04	Soil	1.2	27.3	10.5	69	0.2	28.9	11.5	335	3.38	9.7	0.8	2.8	4.6	23	0.2	0.5	0.2	77	0.26	0.034
FSAD-05	Soil	2.4	40.7	10.7	68	0.3	32.7	12.7	388	3.20	9.0	0.8	1.8	5.4	16	0.2	0.5	0.2	78	0.16	0.020
FSAD-06	Soil	2.6	44.9	15.7	87	<0.1	33.4	13.6	552	3.63	12.5	1.1	2.3	6.9	19	0.2	0.5	0.2	83	0.22	0.040
FSAD-07	Soil	1.4	35.6	10.6	90	0.1	37.6	14.7	543	3.72	11.6	0.8	1.5	3.6	23	0.3	0.4	0.2	83	0.31	0.069
FSAD-08	Soil	1.0	52.9	102.4	128	<0.1	22.3	10.6	380	2.46	5.1	1.2	4.0	14.9	23	0.8	0.3	0.6	46	0.30	0.053
FSAD-09	Soil	2.2	49.5	190.9	95	0.3	8.9	4.2	216	2.64	7.4	1.0	2.2	7.1	11	0.2	0.6	1.7	75	0.08	0.029
FSAD-10	Soil	1.2	14.4	28.0	47	<0.1	14.7	7.7	231	2.93	8.1	0.9	1.8	9.7	17	0.2	0.5	0.2	68	0.17	0.020
FSAD-11	Soil	1.0	66.5	27.6	112	0.2	43.1	20.8	605	4.27	7.1	0.4	1.1	2.4	20	<0.1	0.4	0.2	106	0.23	0.022
FSAD-12	Soil	3.0	86.7	32.6	66	<0.1	7.6	6.9	514	3.57	13.5	0.8	5.8	3.5	101	<0.1	0.3	0.2	45	0.59	0.034
FSAD-13	Soil	3.7	59.6	43.6	91	0.5	14.7	7.0	344	3.57	16.4	0.5	0.8	2.5	13	0.7	0.6	0.3	91	0.12	0.030
FSAD-14	Soil	1.3	200.7	135.5	90	1.2	21.6	8.1	307	3.22	9.5	0.8	2.4	4.2	26	0.8	0.4	0.6	78	0.30	0.029
FSAD-15	Soil	1.0	129.1	80.1	114	0.3	24.0	9.1	303	3.10	9.0	0.6	2.0	4.3	30	0.8	0.4	0.2	72	0.23	0.015
FSAD-16	Soil	1.9	209.0	211.1	135	0.2	11.3	5.9	294	2.61	13.5	0.8	2.5	4.3	75	1.2	0.4	0.5	62	0.41	0.031
FSAD-17	Soil	1.5	29.5	11.6	61	0.3	31.4	11.9	351	3.25	11.2	0.5	8.8	3.2	28	0.2	0.5	0.1	74	0.26	0.020
FSAD-18	Soil	1.3	31.0	14.0	62	1.1	31.4	11.9	339	3.24	12.1	0.4	2.2	2.8	18	0.3	0.6	0.1	77	0.20	0.026
FSUD-01	Soil	1.7	9.8	60.4	45	<0.1	16.8	3.8	1062	1.77	5.7	3.8	0.5	37.4	9	0.3	0.2	0.5	13	0.12	0.028
FSUD-02	Soil	1.5	22.0	22.8	51	0.3	22.9	11.1	326	3.39	10.1	0.9	1.4	7.1	13	0.2	0.6	0.4	83	0.12	0.028
FSUD-03	Soil	4.3	16.6	26.0	46	0.2	15.9	6.8	216	2.67	7.6	0.7	1.5	6.5	14	0.2	0.4	0.2	69	0.16	0.023
FSUD-04	Soil	1.4	29.8	12.0	63	0.4	28.2	10.4	297	3.42	9.3	0.9	2.8	4.9	19	0.1	0.5	0.2	81	0.20	0.025
FSUD-05	Soil	1.5	28.5	19.9	62	0.1	32.4	12.0	315	3.77	7.6	0.7	2.4	6.4	21	<0.1	0.4	0.2	77	0.23	0.020
FSUD-06	Soil	1.5	33.7	12.4	60	<0.1	30.5	12.1	352	3.15	8.8	0.8	4.3	3.4	19	0.3	0.5	0.1	71	0.24	0.053
FSUD-07	Soil	1.1	36.4	12.6	65	0.1	25.8	11.5	434	3.05	6.9	0.8	1.3	3.5	27	0.1	0.4	0.2	80	0.30	0.031
FSUD-08	Soil	0.8	23.7	21.6	62	0.1	18.1	7.3	249	2.42	5.3	2.1	2.0	7.9	26	0.1	0.3	0.2	52	0.28	0.035
FSUD-09	Soil	2.5	18.4	48.7	56	<0.1	15.7	9.1	273	2.55	9.5	2.0	1.0	16.9	14	0.2	0.3	0.3	41	0.11	0.021
FSUD-10	Soil	1.0	33.3	46.7	71	0.1	30.5	12.7	317	3.47	12.5	0.7	2.8	7.2	15	0.3	0.5	0.3	88	0.17	0.018
FSUD-11	Soil	1.2	111.7	42.9	70	1.6	30.0	10.7	338	3.44	14.3	0.6	4.9	3.6	14	0.5	0.5	0.3	84	0.16	0.027
FSUD-12	Soil	2.2	72.5	44.0	80	0.1	20.0	7.9	382	3.62	13.3	0.6	0.7	3.2	21	0.4	0.4	0.3	73	0.22	0.028

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Project: None Given
Report Date: June 30, 2021

CERTIFICATE OF ANALYSIS WHI21000114.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
FSAD-01	Soil	16	33	0.56	151	0.089	3	2.28	0.010	0.06	0.2	0.02	4.2	0.1	<0.05	8	0.5	<0.2
FSAD-02	Soil	14	34	0.57	165	0.079	3	2.42	0.012	0.04	0.2	0.04	4.5	0.1	<0.05	7	<0.5	<0.2
FSAD-03	Soil	20	31	0.60	147	0.081	3	2.38	0.010	0.05	0.3	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
FSAD-04	Soil	13	41	0.71	207	0.095	3	2.66	0.014	0.06	0.2	0.03	5.5	0.1	<0.05	7	<0.5	<0.2
FSAD-05	Soil	15	46	0.65	134	0.070	2	2.64	0.011	0.07	0.2	0.02	5.0	0.3	<0.05	7	<0.5	<0.2
FSAD-06	Soil	19	47	0.74	147	0.078	2	2.52	0.012	0.07	0.3	0.02	4.5	0.3	<0.05	9	<0.5	<0.2
FSAD-07	Soil	12	38	0.99	174	0.124	2	2.40	0.011	0.12	0.2	0.01	4.8	0.2	<0.05	7	0.6	<0.2
FSAD-08	Soil	16	25	1.23	144	0.091	2	2.20	0.013	0.14	0.8	0.02	2.9	0.4	<0.05	5	<0.5	<0.2
FSAD-09	Soil	11	19	0.24	51	0.073	1	1.39	0.009	0.05	0.5	0.03	2.0	0.2	<0.05	9	<0.5	<0.2
FSAD-10	Soil	15	30	0.55	120	0.087	2	2.37	0.012	0.04	0.2	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
FSAD-11	Soil	7	92	1.80	146	0.119	1	3.44	0.010	0.09	0.3	0.02	8.2	0.3	<0.05	10	<0.5	<0.2
FSAD-12	Soil	13	13	0.74	181	0.075	<1	2.35	0.009	0.15	1.0	<0.01	4.8	0.3	<0.05	8	<0.5	<0.2
FSAD-13	Soil	8	27	0.40	109	0.079	<1	2.05	0.009	0.05	0.3	0.02	3.4	0.2	<0.05	10	<0.5	<0.2
FSAD-14	Soil	23	32	0.68	164	0.077	1	2.64	0.013	0.06	0.5	0.04	5.2	0.3	<0.05	9	<0.5	<0.2
FSAD-15	Soil	15	37	0.65	194	0.072	1	3.02	0.010	0.07	0.5	0.03	4.6	0.3	<0.05	7	<0.5	<0.2
FSAD-16	Soil	11	23	0.47	79	0.022	<1	2.27	0.007	0.07	1.5	0.02	3.5	0.4	<0.05	8	<0.5	<0.2
FSAD-17	Soil	11	39	0.79	197	0.098	2	2.85	0.014	0.09	0.2	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
FSAD-18	Soil	8	41	0.70	153	0.099	2	2.92	0.012	0.08	0.2	0.07	4.6	0.2	<0.05	7	<0.5	<0.2
FSUD-01	Soil	81	12	1.51	73	0.047	<1	1.81	0.004	0.04	0.2	0.01	3.6	0.2	<0.05	4	<0.5	<0.2
FSUD-02	Soil	10	42	0.74	111	0.071	1	3.27	0.009	0.05	0.1	0.04	3.9	0.2	<0.05	9	0.5	<0.2
FSUD-03	Soil	16	27	0.49	117	0.080	1	1.95	0.009	0.05	0.2	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
FSUD-04	Soil	17	37	0.61	186	0.098	2	2.55	0.011	0.06	0.2	0.03	5.0	0.2	<0.05	8	<0.5	<0.2
FSUD-05	Soil	16	52	0.84	108	0.081	1	2.60	0.008	0.07	0.3	0.02	4.8	0.4	<0.05	9	<0.5	<0.2
FSUD-06	Soil	13	37	0.62	158	0.091	1	2.56	0.013	0.05	0.2	0.03	4.1	0.2	<0.05	7	0.8	<0.2
FSUD-07	Soil	13	41	0.74	157	0.111	1	1.97	0.011	0.07	0.3	0.02	5.6	0.2	<0.05	7	<0.5	<0.2
FSUD-08	Soil	28	30	0.77	143	0.096	1	1.95	0.012	0.09	0.2	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
FSUD-09	Soil	24	23	0.73	67	0.075	1	2.24	0.008	0.14	0.3	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
FSUD-10	Soil	9	42	0.78	162	0.093	1	3.31	0.009	0.09	0.4	0.02	4.8	0.3	<0.05	8	<0.5	<0.2
FSUD-11	Soil	11	43	0.67	142	0.098	2	3.24	0.011	0.06	0.2	0.06	5.0	0.2	<0.05	8	<0.5	<0.2
FSUD-12	Soil	9	29	0.69	153	0.061	1	2.69	0.011	0.10	0.4	0.02	3.9	0.2	<0.05	9	<0.5	<0.2

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Project: None Given
Report Date: June 30, 2021

CERTIFICATE OF ANALYSIS WHI21000114.1

Method		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
FSUD-13	Soil	1.8	99.2	46.1	84	0.1	12.2	7.2	380	3.16	15.3	0.9	<0.5	3.8	20	0.4	0.4	0.3	55	0.18	0.025
FSUD-14	Soil	1.3	78.0	50.9	223	0.1	10.8	5.4	370	2.83	6.5	0.6	1.0	3.4	28	1.1	0.3	0.4	64	0.19	0.017
FSUD-15	Soil	1.9	41.0	9.6	72	0.1	25.3	16.1	583	4.64	97.1	0.4	4.9	2.5	55	0.1	0.6	0.2	93	0.46	0.069
FSUD-16	Soil	1.4	21.1	11.9	72	<0.1	16.6	10.4	457	3.20	11.3	0.3	2.1	2.4	112	0.2	0.4	0.1	79	0.48	0.025
TLSD-01	Soil	2.9	24.4	12.4	71	0.1	17.1	8.5	242	3.19	18.3	0.3	1.0	2.0	33	0.2	0.5	0.2	69	0.12	0.021
TLSD-02	Soil	1.3	49.7	21.5	83	<0.1	25.8	11.8	379	3.41	11.5	0.5	4.9	2.8	49	0.4	0.5	0.1	87	0.30	0.022
TLSD-03	Soil	1.3	39.1	9.1	71	<0.1	23.3	12.9	541	4.07	10.1	0.3	1.0	1.8	34	0.1	0.4	0.1	96	0.31	0.030
TLSD-04	Soil	0.7	30.8	6.6	64	<0.1	12.4	9.3	485	2.75	7.8	0.6	1.6	3.7	92	<0.1	0.3	<0.1	65	0.50	0.020
TLSD-05	Soil	0.3	97.0	90.1	106	<0.1	8.3	8.8	399	2.52	4.0	0.6	<0.5	3.3	103	0.7	0.5	0.2	60	0.47	0.031
TLSD-06	Soil	0.8	23.3	8.9	67	<0.1	22.0	11.0	360	3.11	7.5	0.5	3.7	2.7	29	0.1	0.4	0.1	75	0.25	0.049
TLSD-07	Soil	0.3	26.2	10.3	78	<0.1	25.3	13.6	451	2.65	2.7	0.5	1.1	4.0	126	<0.1	0.2	<0.1	56	0.84	0.044
TLSD-08	Soil	1.9	12.3	26.8	49	<0.1	14.6	5.9	214	1.89	4.7	1.4	1.9	7.6	18	<0.1	0.3	0.3	46	0.24	0.021
TLSD-09	Soil	4.7	18.1	19.6	56	0.5	19.9	10.4	405	3.48	16.5	0.4	13.2	2.7	14	0.1	0.6	0.2	74	0.14	0.034
TLSD-11	Soil	4.1	20.4	39.5	56	<0.1	28.0	11.0	234	3.40	10.5	0.8	1.1	8.7	18	0.1	0.5	0.2	69	0.16	0.019
TLSD-12	Soil	1.2	25.6	54.2	103	0.1	22.0	10.9	597	2.84	7.2	1.1	1.9	4.1	20	0.3	0.4	0.3	66	0.22	0.044
FSBD-01	Soil	0.9	24.8	21.2	52	0.3	18.1	10.3	461	3.11	7.2	0.4	1.1	3.0	15	<0.1	0.4	0.2	54	0.12	0.014
FSBD-02	Soil	1.4	14.8	13.2	43	0.1	18.1	11.2	373	3.57	10.1	0.8	1.6	4.2	14	0.2	0.4	0.2	69	0.15	0.051
FSBD-03	Soil	7.1	25.7	32.4	48	0.9	22.6	10.4	212	3.35	12.2	1.0	2.6	8.9	20	0.1	0.6	0.1	76	0.16	0.024
UOFS-01	Soil	2.5	535.5	555.3	164	0.3	21.1	11.7	694	2.88	23.1	0.8	6.2	5.0	51	1.7	0.6	0.5	69	0.45	0.037
UOFS-02	Soil	1.4	32.8	132.3	73	0.4	23.4	8.7	342	2.98	12.2	0.5	6.8	3.1	96	0.6	0.5	0.2	75	0.60	0.019
UOFS-03	Soil	2.9	23.1	31.9	59	0.6	16.7	6.7	263	2.33	15.2	0.3	3.0	1.6	65	0.5	0.4	0.2	48	0.34	0.023
UOFS-04	Soil	1.5	91.5	41.0	150	<0.1	32.3	19.3	676	4.94	7.9	0.4	1.2	1.7	91	0.7	0.4	0.1	118	0.60	0.059
UOFS-05	Soil	1.3	28.2	13.2	78	<0.1	22.7	11.6	309	3.80	10.6	0.5	2.5	2.6	29	0.4	0.6	0.2	86	0.15	0.033
UOFS-06	Soil	0.5	41.3	30.1	89	<0.1	25.5	12.6	406	3.09	7.0	0.7	1.9	4.6	60	<0.1	0.4	0.1	71	0.41	0.025
UOFS-07	Soil	2.0	12.1	28.9	50	<0.1	12.4	4.7	239	1.80	6.0	1.1	1.2	5.1	162	<0.1	0.3	0.3	41	0.23	0.016
UOFS-08	Soil	5.6	18.3	21.5	65	0.1	23.8	11.2	757	2.67	13.0	0.6	2.5	2.9	21	0.3	0.5	0.3	57	0.33	0.064
UOFS-09	Soil	4.2	14.1	19.6	67	0.1	17.7	7.4	327	2.93	8.4	0.6	1.5	3.2	17	0.2	0.4	0.2	71	0.21	0.020
UOFS-10	Soil	6.4	14.1	17.9	48	1.3	10.6	4.4	146	2.89	6.8	0.5	3.7	3.3	11	0.3	0.8	0.2	91	0.11	0.022
UOFS-11	Soil	4.8	22.8	40.9	54	0.2	23.5	9.8	244	3.30	16.1	0.8	2.8	10.3	15	0.1	0.7	0.1	75	0.15	0.015
UOFS-12	Soil	1.7	32.9	12.3	84	0.1	25.8	14.4	605	4.03	7.2	1.3	2.8	4.7	39	0.2	0.4	1.2	73	0.25	0.068

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
FSUD-13	Soil	7	16	0.82	101	0.053	<1	2.52	0.005	0.17	0.6	0.01	3.3	0.3	<0.05	9	<0.5	<0.2
FSUD-14	Soil	7	17	0.50	118	0.034	<1	2.36	0.007	0.05	1.0	0.01	3.2	0.2	<0.05	9	<0.5	0.3
FSUD-15	Soil	12	55	1.04	127	0.026	<1	2.87	0.009	0.06	0.2	0.01	6.9	0.3	<0.05	11	<0.5	0.3
FSUD-16	Soil	13	23	1.85	113	0.034	1	3.17	0.009	0.08	0.4	0.02	5.0	0.3	<0.05	10	<0.5	<0.2
TLSD-01	Soil	6	26	0.53	106	0.035	<1	2.67	0.008	0.07	0.2	0.02	3.2	0.2	<0.05	9	<0.5	<0.2
TLSD-02	Soil	8	38	0.88	148	0.112	1	2.68	0.012	0.08	0.3	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
TLSD-03	Soil	7	38	1.04	107	0.117	3	2.17	0.012	0.05	0.5	0.04	4.5	0.1	<0.05	9	<0.5	<0.2
TLSD-04	Soil	18	18	0.90	166	0.092	2	2.05	0.011	0.11	0.3	0.01	4.3	0.2	<0.05	7	<0.5	<0.2
TLSD-05	Soil	13	11	0.85	69	0.017	2	2.47	0.005	0.07	2.4	0.02	3.6	0.5	<0.05	8	<0.5	<0.2
TLSD-06	Soil	10	34	0.66	139	0.102	3	2.27	0.012	0.06	0.3	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
TLSD-07	Soil	9	60	1.23	165	0.159	2	2.66	0.009	0.13	0.6	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
TLSD-08	Soil	30	23	0.44	92	0.082	2	1.16	0.011	0.06	0.2	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
TLSD-09	Soil	12	32	0.49	123	0.042	2	2.30	0.009	0.08	0.1	0.04	3.0	0.3	<0.05	7	<0.5	<0.2
TLSD-11	Soil	10	36	0.54	140	0.063	2	2.97	0.015	0.11	0.2	<0.01	3.5	0.2	0.07	7	<0.5	<0.2
TLSD-12	Soil	15	31	0.57	130	0.081	3	1.95	0.013	0.06	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
FSBD-01	Soil	7	26	0.67	109	0.026	1	2.63	0.009	0.05	<0.1	0.01	3.4	0.2	<0.05	6	<0.5	<0.2
FSBD-02	Soil	15	41	0.44	141	0.071	3	4.04	0.015	0.06	0.1	0.04	4.8	0.2	<0.05	7	0.5	<0.2
FSBD-03	Soil	10	45	0.47	146	0.100	2	3.55	0.015	0.07	0.1	0.05	5.8	0.2	<0.05	7	<0.5	<0.2
UOFS-01	Soil	19	35	0.76	83	0.074	2	1.74	0.010	0.06	2.3	<0.01	4.9	0.3	<0.05	7	0.7	<0.2
UOFS-02	Soil	14	40	0.65	172	0.089	2	2.80	0.013	0.06	0.2	0.03	6.7	0.2	<0.05	7	<0.5	<0.2
UOFS-03	Soil	5	22	0.47	94	0.024	1	2.90	0.007	0.07	0.2	0.03	3.2	0.3	<0.05	7	<0.5	<0.2
UOFS-04	Soil	5	50	1.62	165	0.159	2	3.58	0.012	0.06	0.8	0.03	6.8	0.2	<0.05	12	<0.5	<0.2
UOFS-05	Soil	8	35	0.58	128	0.094	2	2.78	0.011	0.06	0.5	0.02	4.0	0.2	<0.05	9	<0.5	<0.2
UOFS-06	Soil	17	44	0.87	173	0.095	2	2.37	0.013	0.06	0.4	0.01	6.1	0.2	<0.05	7	<0.5	<0.2
UOFS-07	Soil	18	22	0.33	158	0.069	1	1.25	0.012	0.05	0.1	0.01	2.8	0.1	<0.05	4	<0.5	<0.2
UOFS-08	Soil	17	31	0.54	89	0.035	1	1.72	0.008	0.09	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
UOFS-09	Soil	11	29	0.54	66	0.067	1	1.69	0.010	0.08	0.2	<0.01	2.9	0.2	<0.05	7	<0.5	<0.2
UOFS-10	Soil	8	21	0.17	64	0.052	<1	1.46	0.006	0.04	0.1	0.03	1.9	0.3	<0.05	9	<0.5	<0.2
UOFS-11	Soil	13	40	0.55	106	0.074	1	2.62	0.010	0.08	0.2	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
UOFS-12	Soil	13	54	0.86	148	0.096	2	2.21	0.035	0.09	0.2	0.02	4.9	0.1	0.12	8	1.2	0.6

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

Project: None Given
Report Date: June 30, 2021

CERTIFICATE OF ANALYSIS WHI21000114.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
UOFS-13	Soil		2.1	18.6	67.6	117	0.3	20.7	10.2	460	3.59	8.3	0.7	2.1	4.5	17	0.3	0.4	0.6	80	0.17	0.032
UOFS-14	Soil		2.5	25.6	267.6	249	0.9	27.6	9.8	395	3.22	7.3	1.8	4.7	9.8	21	1.3	0.4	2.4	79	0.26	0.030
UOFS-15	Soil		2.0	463.8	815.5	961	2.6	35.2	10.4	551	3.30	8.6	0.8	4.8	3.9	23	2.5	0.4	5.8	76	0.32	0.042
UOFS-16	Soil		8.5	513.6	236.7	691	3.3	30.8	11.0	593	4.07	5.6	1.6	1.9	4.4	30	2.8	0.4	8.1	100	0.37	0.059
UOFS-17	Soil		5.6	66.0	117.0	445	1.6	52.6	14.9	901	3.75	4.1	1.7	1.6	7.4	39	2.1	0.3	3.3	100	0.66	0.060
UOFS-18	Soil		7.0	42.3	164.4	380	2.6	31.0	11.5	760	3.45	5.3	2.0	1.2	6.4	34	3.4	0.3	4.3	84	0.45	0.034

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

Project: None Given
Report Date: June 30, 2021

CERTIFICATE OF ANALYSIS WHI21000114.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
UOFS-13	Soil	11	37	0.49	129	0.087	1	2.31	0.012	0.05	0.2	0.03	3.0	0.2	<0.05	9	<0.5	<0.2
UOFS-14	Soil	21	45	0.63	134	0.086	2	2.85	0.011	0.05	0.2	0.05	4.8	0.3	<0.05	9	<0.5	<0.2
UOFS-15	Soil	10	41	0.66	117	0.100	2	2.81	0.014	0.05	0.4	0.05	4.0	0.2	<0.05	7	1.5	0.2
UOFS-16	Soil	13	48	0.78	78	0.113	2	2.26	0.012	0.07	0.5	0.04	4.5	0.4	<0.05	10	2.4	0.4
UOFS-17	Soil	24	87	1.48	81	0.104	2	2.62	0.020	0.16	4.5	0.04	7.0	0.7	<0.05	10	1.2	0.3
UOFS-18	Soil	30	62	0.90	126	0.105	2	2.42	0.023	0.13	1.7	0.05	5.4	0.6	<0.05	10	1.6	0.2

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

Project: None Given
Report Date: June 30, 2021

QUALITY CONTROL REPORT WHI21000114.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
FSAD-10	Soil	1.2	14.4	28.0	47	<0.1	14.7	7.7	231	2.93	8.1	0.9	1.8	9.7	17	0.2	0.5	0.2	68	0.17	0.020
REP FSAD-10	QC	1.3	14.4	29.1	46	<0.1	14.6	7.8	231	2.93	8.2	0.9	1.7	10.0	17	0.2	0.5	0.2	69	0.17	0.020
TLSD-12	Soil	1.2	25.6	54.2	103	0.1	22.0	10.9	597	2.84	7.2	1.1	1.9	4.1	20	0.3	0.4	0.3	66	0.22	0.044
REP TLSD-12	QC	1.1	25.8	52.9	103	<0.1	22.2	10.9	602	2.86	7.2	1.1	2.3	4.2	21	0.3	0.4	0.3	65	0.23	0.044
Reference Materials																					
STD BVGEO01	Standard	10.5	4311.6	177.8	1651	2.6	160.9	23.6	711	3.72	112.0	3.4	206.7	13.3	54	5.9	3.4	23.1	74	1.31	0.071
STD DS11	Standard	14.0	149.9	129.2	349	1.7	76.2	13.3	1025	3.17	42.0	2.3	63.3	6.8	63	2.3	8.4	10.2	51	1.07	0.073
STD OREAS262	Standard	0.7	120.6	55.3	157	0.5	61.9	27.6	541	3.39	35.2	1.1	73.2	8.6	36	0.6	5.6	0.9	22	3.02	0.039
STD OREAS262	Standard	0.7	117.8	55.9	154	0.5	61.6	27.4	541	3.34	35.3	1.2	65.4	8.6	35	0.6	5.0	0.9	22	2.91	0.039
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD BVGEO01 Expected		11.2	4415	187	1741	2.53	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: None Given
Report Date: June 30, 2021

QUALITY CONTROL REPORT WHI21000114.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
FSAD-10	Soil	15	30	0.55	120	0.087	2	2.37	0.012	0.04	0.2	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
REP FSAD-10	QC	15	30	0.54	124	0.085	1	2.39	0.011	0.04	0.2	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
TLSD-12	Soil	15	31	0.57	130	0.081	3	1.95	0.013	0.06	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
REP TLSD-12	QC	15	32	0.57	130	0.080	2	2.00	0.014	0.06	0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD BVGEO01	Standard	24	174	1.31	301	0.221	3	2.25	0.188	0.87	5.2	0.08	5.6	0.6	0.71	7	4.9	1.1
STD DS11	Standard	17	59	0.86	343	0.089	8	1.13	0.071	0.39	2.9	0.24	3.0	4.7	0.29	5	2.4	5.1
STD OREAS262	Standard	17	43	1.19	246	0.003	6	1.27	0.066	0.30	0.3	0.17	3.0	0.5	0.27	4	<0.5	0.2
STD OREAS262	Standard	15	43	1.19	244	0.003	4	1.25	0.066	0.29	0.2	0.16	3.1	0.5	0.28	4	<0.5	0.3
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD BVGEO01 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By:	Bernie Kreft
Receiving Lab:	Canada-Whitehorse
Received:	August 26, 2021
Analysis Start:	October 08, 2021
Report Date:	October 16, 2021
Page:	1 of 2

CERTIFICATE OF ANALYSIS WHI21000436.1

CLIENT JOB INFORMATION

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	18

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
SS80	18	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	18	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	18	Disposal of pulps			VAN
SHP01	18	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

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

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

Project: None Given
Report Date: October 16, 2021

CERTIFICATE OF ANALYSIS WHI21000436.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
WOUD-01	Soil	0.4	29.1	6.4	91	<0.1	32.1	20.0	836	3.47	7.6	0.9	1.5	7.3	11	<0.1	5.1	0.2	82	0.16	0.024
WOUD-02	Soil	1.1	18.4	10.7	60	<0.1	16.9	9.3	294	3.16	11.6	0.7	4.3	5.7	11	<0.1	0.8	0.2	68	0.12	0.049
WOUD-03	Soil	0.6	36.1	5.9	117	<0.1	24.4	18.0	631	3.09	4.5	0.5	2.0	3.3	13	0.1	0.6	<0.1	70	0.21	0.038
WOUD-04	Soil	1.0	151.9	11.9	406	<0.1	16.8	14.4	634	3.64	6.1	1.1	4.1	6.9	12	0.4	3.2	0.2	78	0.15	0.031
WOUD-05	Soil	1.6	440.0	98.6	608	0.2	19.0	13.5	658	3.96	10.6	1.1	52.9	4.6	16	0.5	1.3	0.4	76	0.15	0.055
WOUD-06	Soil	0.5	22.0	1.6	138	<0.1	32.2	29.2	661	3.90	2.4	0.3	<0.5	1.5	7	<0.1	0.4	<0.1	118	0.22	0.062
WOUD-07	Soil	1.2	37.4	7.1	121	<0.1	20.2	14.9	653	3.86	4.6	1.7	2.3	11.4	20	<0.1	0.5	0.1	94	0.24	0.032
WOUD-08	Soil	0.5	94.5	3.5	243	<0.1	15.3	10.8	651	3.59	4.5	2.2	<0.5	4.0	12	<0.1	1.7	<0.1	60	0.23	0.063
WOUD-09	Soil	2.4	172.7	6.3	228	<0.1	18.0	11.9	1063	4.39	5.7	2.0	0.8	11.2	13	0.1	0.5	0.1	99	0.11	0.037
FNED-01	Soil	1.6	31.3	8.6	69	0.1	31.1	10.5	223	3.12	3.9	10.1	1.1	8.6	27	<0.1	0.2	0.8	57	0.41	0.103
FNED-02	Soil	1.3	19.3	11.6	83	0.2	32.3	12.1	444	3.29	11.8	0.8	1.5	6.0	25	0.2	0.8	0.8	70	0.57	0.044
FNED-03	Soil	0.8	44.9	5.1	62	<0.1	38.8	14.7	543	3.94	6.3	1.8	2.8	10.1	24	<0.1	1.3	2.5	75	0.84	0.062
FNED-04	Soil	1.1	26.3	79.6	518	<0.1	5.9	2.1	126	2.39	30.1	10.1	<0.5	12.9	9	0.4	2.3	3.8	43	0.34	0.176
FNED-05	Soil	1.4	96.6	5.2	171	0.1	32.6	10.3	560	3.60	5.3	1.8	<0.5	6.5	58	0.2	0.8	3.6	172	1.67	0.444
FNED-06	Soil	0.9	22.6	9.4	70	<0.1	28.5	11.8	434	3.02	6.3	2.0	0.6	4.7	23	0.1	0.4	0.4	62	0.44	0.058
FNED-07	Soil	1.5	29.1	8.6	67	0.1	21.1	8.1	249	2.49	5.2	12.3	1.5	10.6	24	<0.1	0.3	0.9	41	0.36	0.096
FNED-08	Soil	1.3	11.3	11.3	63	<0.1	4.3	4.1	337	2.27	11.1	9.4	<0.5	28.6	6	0.1	0.4	2.0	33	0.25	0.172
FNED-09	Soil	0.8	21.0	8.7	36	<0.1	6.6	2.8	131	1.68	9.6	6.5	1.6	26.3	11	<0.1	0.7	1.8	25	0.27	0.131

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Client: **Kreft, Bernie**
1 Locust Place
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Project: None Given
Report Date: October 16, 2021

CERTIFICATE OF ANALYSIS WHI21000436.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
WOUD-01	Soil	34	107	1.70	646	0.160	2	2.55	0.007	0.83	0.3	0.22	5.9	0.5	<0.05	7	<0.5	<0.2
WOUD-02	Soil	14	33	0.63	222	0.076	1	1.88	0.007	0.11	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
WOUD-03	Soil	13	51	1.52	416	0.174	<1	2.33	0.007	0.79	0.1	0.02	3.0	0.4	<0.05	5	<0.5	<0.2
WOUD-04	Soil	40	43	1.70	404	0.194	1	2.69	0.008	0.65	0.2	0.15	6.8	0.4	<0.05	7	<0.5	<0.2
WOUD-05	Soil	14	36	1.46	326	0.181	<1	2.49	0.010	0.77	0.1	0.56	4.2	0.5	0.19	7	<0.5	<0.2
WOUD-06	Soil	7	129	2.22	476	0.273	<1	2.98	0.010	1.15	0.2	0.02	3.3	0.5	<0.05	7	<0.5	<0.2
WOUD-07	Soil	63	27	1.64	365	0.218	<1	2.61	0.012	0.52	0.2	0.02	7.1	0.4	<0.05	8	<0.5	<0.2
WOUD-08	Soil	35	61	1.57	248	0.089	<1	2.45	0.007	0.47	<0.1	0.05	4.0	0.2	<0.05	10	<0.5	<0.2
WOUD-09	Soil	39	38	2.06	205	0.228	<1	3.16	0.008	1.16	0.2	0.02	3.9	0.8	0.10	9	<0.5	<0.2
FNED-01	Soil	20	42	0.69	152	0.079	<1	2.26	0.008	0.32	0.6	0.02	4.7	0.4	<0.05	7	<0.5	<0.2
FNED-02	Soil	10	47	0.61	192	0.044	2	2.20	0.009	0.07	40.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
FNED-03	Soil	25	67	1.19	130	0.091	2	2.61	0.019	0.15	28.2	0.02	10.3	0.3	<0.05	9	0.6	<0.2
FNED-04	Soil	26	14	0.15	72	0.007	<1	1.25	0.004	0.15	7.3	0.02	1.4	0.5	<0.05	6	<0.5	<0.2
FNED-05	Soil	12	66	1.56	160	0.046	2	3.08	0.013	0.13	>100	0.03	4.9	0.3	<0.05	12	<0.5	<0.2
FNED-06	Soil	10	42	0.79	150	0.037	<1	1.87	0.009	0.04	0.8	<0.01	4.5	0.1	<0.05	6	<0.5	<0.2
FNED-07	Soil	24	29	0.53	141	0.039	<1	1.62	0.007	0.14	0.6	0.02	3.6	0.3	<0.05	5	<0.5	<0.2
FNED-08	Soil	26	12	0.10	56	0.017	<1	1.35	0.006	0.19	2.2	0.02	1.8	0.6	<0.05	7	<0.5	<0.2
FNED-09	Soil	15	12	0.18	47	0.013	<1	1.66	0.006	0.16	1.0	<0.01	1.7	0.9	<0.05	4	<0.5	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

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

Project: None Given
Report Date: October 16, 2021

QUALITY CONTROL REPORT WHI21000436.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
WOUD-09	Soil	2.4	172.7	6.3	228	<0.1	18.0	11.9	1063	4.39	5.7	2.0	0.8	11.2	13	0.1	0.5	0.1	99	0.11	0.037
REP WOUD-09	QC	2.7	170.1	6.4	229	<0.1	17.3	11.8	1024	4.28	5.5	2.0	1.0	11.7	13	<0.1	0.5	0.1	98	0.11	0.038
Reference Materials																					
STD BVGEO01	Standard	10.8	4441.7	187.9	1676	2.4	163.6	25.8	705	3.72	117.6	3.8	212.8	17.6	53	5.9	3.6	24.5	79	1.26	0.076
STD OREAS262	Standard	0.9	126.4	59.2	160	0.5	67.1	29.6	538	3.39	36.5	1.2	71.7	10.5	36	0.7	6.1	1.0	21	2.97	0.042
STD BVGEO01 Expected		11.2	4415	187	1741	2.53	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	7	<0.01	<0.001

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

Project: None Given
Report Date: October 16, 2021

QUALITY CONTROL REPORT WHI21000436.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
WOUD-09	Soil	39	38	2.06	205	0.228	<1	3.16	0.008	1.16	0.2	0.02	3.9	0.8	0.10	9	<0.5	<0.2
REP WOUD-09	QC	39	38	2.10	208	0.226	<1	3.19	0.008	1.16	0.3	0.02	3.9	0.8	0.10	9	<0.5	<0.2
Reference Materials																		
STD BVGEO01	Standard	26	171	1.24	310	0.231	3	2.21	0.179	0.92	5.5	0.10	5.9	0.6	0.68	7	4.2	1.0
STD OREAS262	Standard	15	43	1.20	247	0.003	4	1.15	0.068	0.27	0.3	0.16	3.2	0.5	0.31	4	<0.5	<0.2
STD BVGEO01 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<1	1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By:	Bernie Kreft
Receiving Lab:	Canada-Whitehorse
Received:	June 22, 2021
Analysis Start:	July 08, 2021
Report Date:	August 21, 2021
Page:	1 of 3

CERTIFICATE OF ANALYSIS WHI21000116.2

CLIENT JOB INFORMATION

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	35

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	35	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	35	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	35	Per sample shipping charges for branch shipments			VAN
AQ370-X	3	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : AQ370-Cu Pb included.

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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

Project: None Given
Report Date: August 21, 2021

CERTIFICATE OF ANALYSIS WHI21000116.2

Method		WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01
FSBR-01	Rock	0.72	0.1	0.7	1.0	2	<0.1	0.8	0.2	38	0.32	0.6	0.2	0.6	0.3	<1	<0.1	<0.1	<0.1	1	<0.01
FSBR-02	Rock	0.50	0.3	1.5	17.6	4	<0.1	1.2	1.6	43	0.85	41.5	1.2	1.2	27.6	4	<0.1	0.1	0.1	<1	0.02
FSBR-03	Rock	0.95	0.9	81.9	28.1	42	0.5	2.5	1.8	144	1.18	1.5	1.2	<0.5	15.6	9	<0.1	<0.1	2.8	7	0.07
FSBR-04	Rock	0.88	0.7	16.7	8.5	33	<0.1	1.8	2.6	122	0.90	2.5	1.2	<0.5	25.2	25	<0.1	<0.1	0.3	6	0.25
FSBR-05	Rock	0.80	1.2	12.2	7.5	17	<0.1	1.4	2.1	56	0.88	28.2	2.9	<0.5	29.9	15	<0.1	0.1	0.4	5	0.13
FSBR-06	Rock	0.43	3.0	339.0	102.7	367	1.8	15.8	5.9	797	2.19	0.7	2.6	1.3	20.9	122	1.5	0.2	17.3	11	0.91
FSBR-07	Rock	0.79	0.3	2.6	10.6	8	<0.1	0.4	0.2	35	0.82	1.0	4.7	3.3	20.8	4	<0.1	<0.1	0.2	4	<0.01
FSBR-08	Rock	0.37	2.6	114.3	50.4	7	0.8	0.5	1.1	119	0.71	25.1	2.3	1.4	17.4	3	0.1	0.7	6.6	4	0.01
FSBR-09	Rock	0.61	0.8	5201.3	830.5	606	4.8	0.7	4.1	288	2.38	1.6	1.4	2.3	4.7	9	9.8	<0.1	0.4	35	0.13
FSBR-10	Rock	0.30	2.8	303.4	189.4	138	0.9	0.4	1.0	108	1.27	13.7	0.7	11.4	3.6	6	0.8	0.5	1.6	20	0.08
FSBR-11	Rock	1.17	22.5	2777.0	2303.1	327	9.1	11.9	5.4	223	1.48	<0.5	0.9	<0.5	2.4	18	3.1	<0.1	4.8	22	0.20
FSBR-12	Rock	0.83	4.8	>10000	>10000	1820	11.3	40.4	19.3	797	4.31	<0.5	4.3	1.7	11.8	46	13.9	0.1	1.7	92	0.48
FSBR-13	Rock	0.61	4.8	4395.1	3483.6	1791	5.5	29.8	12.9	1167	3.14	1.1	1.4	1.7	11.7	231	18.4	0.1	2.0	88	2.56
FSBR-14	Rock	0.79	1.5	>10000	>10000	1711	19.7	39.6	17.6	670	5.76	<0.5	3.1	2.0	16.0	129	16.8	0.2	25.0	99	0.88
FSBR-15	Rock	0.72	1.7	>10000	3750.3	2009	3.6	33.7	13.5	594	3.30	<0.5	2.0	0.6	13.0	58	30.0	0.2	0.9	87	0.52
FSBR-16	Rock	0.64	0.4	259.1	122.6	111	0.5	8.3	14.2	640	3.49	2.4	0.2	<0.5	0.5	184	1.7	0.2	<0.1	94	1.66
FSBR-17	Rock	0.52	58.1	77.6	46.6	11	0.3	0.7	0.5	36	0.50	2.2	1.4	0.8	11.0	6	0.2	1.9	0.7	3	0.02
FSBR-18	Rock	0.31	0.4	360.6	14.6	103	1.0	13.7	22.2	990	4.17	1.0	0.8	30.6	0.8	94	0.1	0.2	<0.1	120	1.11
FSBR-19	Rock	0.38	16.2	2338.4	257.8	636	16.5	37.3	11.6	845	2.49	<0.5	3.7	8.5	4.6	90	2.6	<0.1	43.4	66	0.50
FSBR-20	Rock	0.63	6.9	2010.6	117.7	391	10.5	16.4	6.5	622	1.96	<0.5	3.2	9.7	3.6	115	1.6	<0.1	8.1	44	0.67
FSBR-21	Rock	0.70	11.7	8265.8	1497.3	1027	44.6	38.0	15.8	1097	3.89	<0.5	10.7	12.5	5.8	87	4.5	<0.1	27.3	65	0.79
FSBR-22	Rock	0.95	6.2	5322.1	219.7	756	12.5	37.7	13.5	799	3.03	0.5	4.8	4.8	3.8	74	2.4	<0.1	22.8	71	0.83
FSBR-23	Rock	0.49	1.0	3314.9	129.5	537	35.2	16.8	11.8	904	3.98	0.7	3.8	15.8	6.9	206	4.1	0.2	75.3	59	1.74
FSBR-24	Rock	0.34	2.4	2453.8	419.3	460	39.6	9.5	5.0	403	2.83	7.1	3.4	28.9	2.4	34	0.8	0.1	94.0	42	0.20
FSBR-25	Rock	0.59	8.3	186.2	38.3	64	0.5	0.5	0.6	73	0.77	2.9	4.0	1.1	23.1	4	0.2	<0.1	1.4	9	0.03
FSBR-26	Rock	0.14	0.6	84.3	6.4	80	0.4	1.9	7.2	486	3.37	1.3	0.4	0.8	2.7	19	<0.1	<0.1	0.7	25	0.73
FSBR-27	Rock	0.51	0.2	20.1	10.4	81	0.1	1.2	6.8	487	3.68	42.0	0.5	5.1	2.1	18	<0.1	<0.1	<0.1	31	0.62
TLSR-01	Rock	0.33	<0.1	29.4	4.0	78	<0.1	6.6	10.7	502	2.50	<0.5	0.2	0.8	0.4	104	0.2	<0.1	<0.1	53	0.81
TLSR-02	Rock	0.32	0.3	23.1	6.3	48	<0.1	1.4	8.7	313	1.84	<0.5	0.9	0.8	5.6	12	<0.1	<0.1	<0.1	13	0.41
TLSR-03	Rock	0.58	<0.1	5.2	5.4	42	<0.1	1.3	1.6	285	3.41	<0.5	0.6	<0.5	6.5	5	<0.1	<0.1	<0.1	12	0.13

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

Project: None Given
Report Date: August 21, 2021

CERTIFICATE OF ANALYSIS WHI21000116.2

Method		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ370	AQ370
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001	0.01
FSBR-01	Rock	0.001	<1	4	0.02	2	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
FSBR-02	Rock	0.014	46	3	0.01	56	0.001	1	0.25	0.053	0.17	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2		
FSBR-03	Rock	0.032	16	4	0.26	46	0.015	<1	0.48	0.031	0.34	3.1	<0.01	1.4	0.5	<0.05	3	<0.5	<0.2		
FSBR-04	Rock	0.041	44	4	0.24	75	0.072	<1	0.55	0.016	0.35	0.8	<0.01	1.5	0.3	<0.05	3	<0.5	<0.2		
FSBR-05	Rock	0.044	51	3	0.12	77	0.032	<1	0.46	0.008	0.38	0.8	<0.01	1.2	0.2	<0.05	2	<0.5	<0.2		
FSBR-06	Rock	0.017	22	10	1.69	16	0.051	<1	1.64	0.006	1.08	0.9	<0.01	1.2	2.9	<0.05	11	0.9	<0.2		
FSBR-07	Rock	0.002	3	2	<0.01	14	0.006	<1	0.18	0.021	0.19	1.7	<0.01	0.2	0.2	<0.05	<1	<0.5	<0.2		
FSBR-08	Rock	0.002	2	2	0.02	35	0.002	<1	0.31	0.013	0.16	1.0	<0.01	0.3	0.1	<0.05	1	0.6	<0.2		
FSBR-09	Rock	0.042	8	2	0.41	31	0.014	<1	0.74	0.047	0.12	10.1	<0.01	4.8	0.2	<0.05	4	7.5	<0.2		
FSBR-10	Rock	0.019	3	2	0.12	25	0.003	<1	0.54	0.044	0.09	1.0	<0.01	1.8	0.2	<0.05	2	1.2	<0.2		
FSBR-11	Rock	0.021	6	21	0.38	39	0.022	<1	0.56	0.007	0.16	1.2	<0.01	1.9	0.5	0.05	3	12.5	0.9		
FSBR-12	Rock	0.077	29	101	1.34	41	0.024	<1	2.08	0.019	0.36	79.7	<0.01	11.2	1.5	<0.05	15	7.8	0.6	2.327	3.06
FSBR-13	Rock	0.069	40	49	1.01	60	0.021	<1	1.51	0.010	0.25	>100	<0.01	7.9	0.6	0.06	10	6.9	0.6		
FSBR-14	Rock	0.051	49	51	1.21	30	0.080	<1	2.37	0.008	0.13	1.7	0.01	9.4	0.4	<0.05	16	26.2	4.9	1.248	2.94
FSBR-15	Rock	0.059	47	53	1.07	37	0.027	<1	1.90	0.022	0.32	5.4	<0.01	9.5	1.1	<0.05	12	2.7	<0.2	3.467	
FSBR-16	Rock	0.148	2	17	1.27	52	0.114	<1	1.77	0.064	0.07	2.1	<0.01	9.7	0.1	<0.05	10	<0.5	<0.2		
FSBR-17	Rock	0.004	9	2	0.01	28	0.001	<1	0.36	0.009	0.25	0.4	<0.01	<0.1	0.2	<0.05	2	<0.5	<0.2		
FSBR-18	Rock	0.102	5	8	1.66	53	0.138	<1	2.15	0.028	0.03	0.3	<0.01	7.5	<0.1	<0.05	11	<0.5	<0.2		
FSBR-19	Rock	0.029	14	36	0.80	84	0.064	<1	1.26	0.003	0.12	0.4	<0.01	3.2	0.2	<0.05	7	11.2	1.2		
FSBR-20	Rock	0.034	10	22	0.49	53	0.054	<1	1.08	0.003	0.11	0.3	<0.01	2.2	0.2	<0.05	5	9.8	0.5		
FSBR-21	Rock	0.030	16	32	0.98	7	0.083	<1	1.62	0.001	0.12	1.0	0.01	4.2	0.3	<0.05	9	31.2	1.7		
FSBR-22	Rock	0.217	16	46	0.93	8	0.048	<1	1.32	0.003	0.08	0.5	<0.01	3.7	0.2	<0.05	7	10.0	0.5		
FSBR-23	Rock	0.051	24	25	0.60	9	0.110	<1	1.62	0.023	0.12	1.5	<0.01	3.8	0.4	<0.05	9	15.6	1.8		
FSBR-24	Rock	0.025	4	20	0.32	12	0.049	<1	0.74	0.003	0.08	0.3	<0.01	1.9	0.3	<0.05	6	45.8	2.8		
FSBR-25	Rock	0.001	5	2	0.03	18	0.014	<1	0.23	0.004	0.22	1.6	<0.01	0.3	0.4	<0.05	2	2.3	<0.2		
FSBR-26	Rock	0.051	16	3	1.34	154	0.011	2	1.97	0.072	0.16	<0.1	<0.01	6.5	<0.1	0.05	8	<0.5	<0.2		
FSBR-27	Rock	0.045	6	2	1.08	98	0.007	2	1.56	0.070	0.04	<0.1	<0.01	11.5	<0.1	0.31	8	<0.5	<0.2		
TLSR-01	Rock	0.113	2	10	1.40	118	0.124	<1	1.56	0.057	0.13	0.3	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2		
TLSR-02	Rock	0.041	15	3	0.64	179	0.035	2	0.98	0.059	0.28	<0.1	<0.01	2.7	<0.1	0.28	4	<0.5	<0.2		
TLSR-03	Rock	0.021	7	3	0.97	71	0.008	<1	1.76	0.026	0.13	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2		

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

Project: None Given
Report Date: August 21, 2021

CERTIFICATE OF ANALYSIS WHI21000116.2

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01
FSAR-01	Rock	0.87	0.3	105.1	79.0	124	0.5	1.6	2.5	224	1.33	2.2	1.9	0.6	21.7	30	0.6	0.1	0.9	10	0.27
FSAR-02	Rock	1.29	2.3	5244.1	367.1	143	9.5	0.9	1.4	164	1.43	<0.5	17.4	1.3	28.1	31	4.0	<0.1	44.1	4	0.41
UOFR-01	Rock	0.50	38.7	37.2	8.2	23	0.3	0.7	0.3	58	0.63	3.3	2.5	2.4	23.6	3	0.1	0.7	<0.1	2	0.01
UOFR-02	Rock	0.68	2.2	27.9	4.1	16	0.2	6.6	2.4	83	0.76	14.1	0.4	2.8	1.0	2	<0.1	0.2	0.1	8	0.02
FSUR-01	Rock	0.24	10.3	6.0	20.7	3	<0.1	0.3	<0.1	29	0.61	1.7	0.4	0.5	16.6	1	<0.1	<0.1	0.6	<1	<0.01

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Project: None Given
Report Date: August 21, 2021

CERTIFICATE OF ANALYSIS WHI21000116.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ370	AQ370
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001	0.01
FSAR-01	Rock	0.037	36	4	0.41	55	0.033	<1	0.69	0.033	0.47	1.5	<0.01	2.3	0.8	<0.05	5	<0.5	<0.2		
FSAR-02	Rock	0.022	33	3	0.19	37	0.048	<1	0.56	0.048	0.23	2.7	0.01	1.1	0.3	<0.05	4	2.1	0.4		
UOFR-01	Rock	0.002	9	2	<0.01	26	0.003	<1	0.36	0.005	0.26	0.6	<0.01	0.1	0.3	<0.05	3	<0.5	<0.2		
UOFR-02	Rock	0.009	2	5	0.11	49	<0.001	<1	0.26	0.003	0.06	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2		
FSUR-01	Rock	0.003	23	3	0.02	17	0.002	3	0.29	0.009	0.30	1.1	<0.01	0.4	0.1	<0.05	1	<0.5	<0.2		

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Project: None Given
Report Date: August 21, 2021

QUALITY CONTROL REPORT WHI21000116.2

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
FSBR-01	Rock	0.72	0.1	0.7	1.0	2	<0.1	0.8	0.2	38	0.32	0.6	0.2	0.6	0.3	<1	<0.1	<0.1	<0.1	1	<0.01
REP FSBR-01	QC		0.1	0.6	1.0	2	<0.1	1.0	0.2	39	0.32	0.6	0.2	0.6	0.3	<1	<0.1	<0.1	<0.1	1	<0.01
FSUR-01	Rock	0.24	10.3	6.0	20.7	3	<0.1	0.3	<0.1	29	0.61	1.7	0.4	0.5	16.6	1	<0.1	<0.1	0.6	<1	<0.01
REP FSUR-01	QC		10.3	6.4	20.9	5	<0.1	0.5	<0.1	29	0.61	1.7	0.5	<0.5	17.3	1	<0.1	<0.1	0.6	<1	<0.01
Reference Materials																					
STD BVGEO01	Standard		10.2	4375.7	189.9	1709	2.6	162.0	23.9	709	3.61	125.8	4.0	221.1	15.2	57	6.5	4.3	28.6	72	1.27
STD CDN-ME-9A	Standard																				
STD CDN-ME-14A	Standard																				
STD DS11	Standard		13.1	139.7	132.5	333	1.8	74.5	12.7	999	3.02	44.2	2.6	75.1	7.5	71	2.6	9.9	12.6	46	1.00
STD OREAS262	Standard		0.7	105.9	57.5	150	0.5	61.9	26.1	533	3.18	37.8	1.2	75.5	9.8	37	0.6	6.3	1.3	21	3.00
STD OREAS262	Standard		0.7	112.4	58.6	150	0.5	61.8	26.2	545	3.40	38.6	1.3	77.4	9.3	39	0.6	6.7	1.1	21	3.05
STD BVGEO01 Expected			11.2	4415	187	1741	2.53	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OREAS262 Expected			0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98
STD CDN-ME-9A Expected																					
STD CDN-ME-14A Expected																					
BLK	Blank		<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	0.1	<1	<0.01
BLK	Blank		<0.1	0.3	0.3	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	1.7	1.2	23	<0.1	0.9	3.1	335	1.52	1.7	0.4	1.5	2.3	26	<0.1	0.1	<0.1	20	0.53
ROCK-WHI	Prep Blank		0.4	1.8	0.9	22	<0.1	0.7	2.9	363	1.53	1.9	0.4	1.1	2.2	22	<0.1	0.1	<0.1	21	0.54

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Project: None Given
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QUALITY CONTROL REPORT WHI21000116.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ370	AQ370
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001	0.01
Pulp Duplicates																					
FSBR-01	Rock	0.001	<1	4	0.02	2	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP FSBR-01	QC	<0.001	<1	4	0.02	3	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
FSUR-01	Rock	0.003	23	3	0.02	17	0.002	3	0.29	0.009	0.30	1.1	<0.01	0.4	0.1	<0.05	1	<0.5	<0.2		
REP FSUR-01	QC	0.003	23	3	0.02	18	0.002	2	0.29	0.009	0.30	1.2	<0.01	0.4	0.1	<0.05	1	0.8	<0.2		
Reference Materials																					
STD BVGEO01	Standard	0.073	29	165	1.28	287	0.225	4	2.21	0.184	0.87	5.8	0.09	6.4	0.6	0.64	7	4.7	1.2		
STD CDN-ME-9A	Standard																			0.662	<0.01
STD CDN-ME-14A	Standard																			1.233	0.49
STD DS11	Standard	0.069	19	55	0.81	364	0.086	7	1.13	0.074	0.39	3.0	0.24	3.3	4.7	0.26	5	2.3	4.6		
STD OREAS262	Standard	0.039	16	41	1.18	252	0.003	6	1.23	0.067	0.29	0.3	0.15	3.4	0.5	0.26	4	0.6	0.3		
STD OREAS262	Standard	0.043	17	42	1.16	259	0.003	4	1.32	0.071	0.32	0.2	0.18	3.7	0.5	0.25	4	<0.5	0.2		
STD BVGEO01 Expected		0.0727	25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56		
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23		
STD CDN-ME-9A Expected																				0.654	0.003
STD CDN-ME-14A Expected																				1.24	0.488
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<0.001	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank	0.037	7	3	0.37	62	0.065	2	0.76	0.082	0.08	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2		
ROCK-WHI	Prep Blank	0.036	6	3	0.38	58	0.065	2	0.78	0.076	0.08	0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2		