A Geochemical Report on the KRYPTOS Property
submitted as Technical Report for YMEP Grant 20-003
on the MEGA Target Evaluation Module, Hardrock Type
and an Assessment Report for filing work on the KRYPTOS claims

Work performed on:
KRYPTOS 37, 39, 47-50
YE90243, YE90245, YE90253-YE90256

Work applied to:
KRYPTOS 15-80
YE90221-YE90266, YE93631-650
Mayo Mining District

Owner: Gordon Richards

Location
115P/01 & 02
Camp on claims at
UTM 427,700E, 7,005,135N, Elev 945 m
NAD 83, UTM Zone 8

Field work performed by
Gordon Richards & Aaron Holway
During the period August 4-10, 2020

Report written by Gordon Richards
November 1, 2020

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Table 3. Rock Sample Descriptions with As, Au, Sb results and with UTM xls
Table 4. Response Ratios for MMI Soil Samples with UTM. xls
Geochemical Data from SGS and Bureau Veritas Labs in xls, xlsx and PDF format
Figures 1-3 as png and pdf. This report in pdf.

SUMMARY.

The general area of the KRYPTOS claims was prospected with the aid of YMEP grants awarded to G Richards in 2016, 2019 and to Jeff Mieras in 2017. The property is located on gentle to moderate slopes across the Klondyke Highway about 25 km south Stewart Crossing within NTS map sheets 115P01 & 02. Access was made by truck to a camp along the Klondyke Highway and then by foot about two km to the area of 2020 work as shown on Figures 4, 4A, and 5 from where soil sampling and rock sampling was conducted.

The geology of the area has been described on Canadian Geoscience Map 7 of southwestern McQuesten and parts of northern Carmacks by Ryan, J.J., Colpron, M., and Hayward, N., 2010. Figure 3. The area is shown on that map to be underlain by the Early Mississippian aged Reid Lakes Batholith that is a weakly Kspar-porphyritic, medium-grained granite to quartz monzonite intruding its own volcanic pile in the west portion of the claims in contact with metasedimentary rocks of the Finlayson Assemblage (?) in the east portion of the claims. Loess, about 25 cm thick, blankets most slopes. The claims lie entirely within Reid glaciated terrain with the possible occurrence of pre-Reid glaciated terrain along ridge tops.

Regional Geochemical Data (RGS) provided the original encouragement for prospecting in 2016 using MMI soil sampling. Results of the soil sampling identified four sizeable targets with porphyry geochemical signatures.

In 2017 the KRYPTOS 1-60 claims were staked June 12 to 14 and recorded June 14 to cover known anomalous zones identified from the 2016 work and their extensions. An MMI soil and black spruce twig sampling prospecting program was undertaken on the claims June 16 to 22 and July 1, 2017 to define the extent of known geochemically anomalous zones and search for additional targets.

Results of the 2016-2017 field work were successful in defining four pronounced multi-element anomalous zones with porphyry geochemical signatures. A poorly defined new zone of anomalous metal values occurred in the southeastern third of the claims. It is characterized by consistently very high response ratios for As, Sb, W, and Mn and numerous high response ratios for Au, Bi, Tl, Fe, Zn, Ti and Cs. One outcrop of micaceous quartzite was noted during the

soil sampling and the area occurs within an area of metasediments described in Geoscience Map 7

In 2019 the KRYPTOS 61-80 claims were staked August 1, and recorded in Dawson Aug 2, 2019. MMI soil sampling over the new claims and part of the old claims was carried out from Aug 2 to 9, 2019.

Results showed two patterns of anomalous gold measuring two km long and one km long and up to 400 m wide encompassed within large coincident patterns of anomalous As, Sb, W, and Bi. 38 small (0.06 to 0.24 kg) rock chip samples were collected and assayed. Results contained low values of gold and other pathfinder elements leaving the source of the anomalous gold and other elements unexplained.

Work in 2020 involved digging 34 pits near and around soil samples with highly anomalous metal values in order to find and sample mineralized float that would explain the cause of the anomalous metals and help with planning future exploration on the property. Eighteen additional MMI soil samples were also collected in one area to limit the extent of the anomalous metal values. Results did not provide strongly anomalous gold and other metal values that would explain the geochemically anomalous patterns.

HISTORY.

Previous exploration activity occurred in the 1980's by a Mr Jim Carson with the staking of both quartz and placer claims. Two of these previous claim blocks are the MEGALURUS labelled on the Figure 5 and extending over much of the area sampled in 2019 and the FIRELORD which is a small claim block along the Crooked Creek at the northeast end of the MEGALURUS claim block. Other claims staked by Carson occur north of the KRYPTOS claims along Crooked Creek.

Only minimal hand trenching was recorded. All of this hand trenching was on narrow quartz veins within schist and micaceous quartzites of the Finlayson Assemblage done north and east of the KRYPTOS claim block along steep slopes into Crooked Creek. Work is summarized in Minfile Report 115P 038. Assessment Report 019539 provides some detail to the sampling. Samples submitted by Carson report grades up to 0.36 oz/T Au from selected samples but reports by personnel working for Curragh Resources, Erickson Gold Mining Corp., and

Noranda Exploration Company, Limited all reported no gold from samples collected over greater widths. One claim block, the FIREDEVIL staked in 1987 covers the biggest porphyry target defined by the 2016/2017 surveys although no outcrop is known to exist in this area. No record of any work that might have been done on this or the MEGALAURUS claim block have been found although considerable effort was spent trying to find any data on these claims.

Placer claims were staked over a two or three km length along the small creek flowing west immediately south of the KRYPTOS claims. No placer production was recorded or evident along the creek that was staked.

YMEP grants 16-056 and 19-056 awarded to Richards and 17-001 awarded to Jeff Mieras supported extensive MMI soil sampling across the KRYPTOS Claims. Results defined four patterns of strong multi-element geochemical anomalies in MMI soil samples with porphyry mineralization signatures. A fifth zone of anomalous metal values was defined by a 2 km diameter zone of anomalous As-Sb-W-Bi with two contained zones of anomalous Au measuring one and two km long and up to 400 m wide. YMEP grant 20-003 was used to conduct a small MMI soil survey used to define the limits of the anomalous zone and also to collect rock chip samples from angular rock in soil pits dug over and near to previously collected samples that were anomalous for Au. No strong assay results were obtained although there remains some encouragement for additional exploration work on the property.

CLAIMS.

Table 1 is a list of all claims forming the property. The claims lie in the Mayo and Dawson Mining District with the Klondyke Highway forming the boundary between the districts. The Registered Owner is Gordon G Richards. The work described in this report was funded by a YMEP grant and Richards.

Table 1. Claim Status before applying work in this report

Claim Name	Grant No.	Expiry Date	Mining District
KRYPTOS 1-14	YE90207-YE90220	2025/06/15	Dawson
KRYPTOS 15-60	YE90221-YE90266	2025/06/14	Mayo
KRYPTOS 61-80	YE93631-YE93650	2025/08/02	Mayo

Certificate of Work is to be filed on all of the KRYPTOS claims lying within the Mayo District based on work described in this report.

Apply 2 years to KRYPTOS 15-60: 46 cl X 2yrs X $100/cl-yr = $9,200.

Apply 2 years to KRYPTOS 61-80: 20 cl X 2yrs X $100/cl-yr = $4,000.

GEOLOGY.

Bedrock geology is best described on Canadian Geoscience Map 7 of *Southwestern McQuesten and Parts of Northern Carmacks* by Ryan, J.J., Colpron, M., and Hayward, N., 2010. Figures 3 is a portion of that map covering the general area of the property. The claims area is shown on that map to be underlain by the Early Mississippian aged Reid Lakes Batholith in the west portion of the claims in fault contact with metasedimentary rocks of the Finlayson Assemblage (?) in the east portion of the claims.

The Reid Lakes Batholith is an 80 km long unmetamorphosed Early Mississippian aged batholith that intrudes its own volcanic pile. It is a weakly Kspar-porphyritic, medium-grained granite to quartz monzonite.

The Finlayson Assemblage is a Late Devonian to Early Mississippian metavolcanic and metasedimentary assemblage. The metasediments such as occur on the property are carbonaceous quartzite to mica-quartz schist, black to white quartzite, with schist and garnet schist interlayers; and rare black phyllite, possibly equivalent to Nasina Formation, or simply a carbonaceous member of the Snowcap Assemblage. Two closely spaced outcrops of the metasedimentary rocks were located in 2017 along the most north-easterly sample line. They were both dark grey micaceous quartzite. In August 2019 three more outcrops were located. An outcrop of quartz monzonite occurs on a small knoll at the west end of the recently staked claims near sample Y140. Two other outcrops of micaceous quartzite were located, one along a creek bank near sample site P124 and the other on the north facing hillside near sample site Y83. All three metasedimentary outcrops had near flat to very gently dipping schistosity.

Glaciation in the area of the property is described as Reid in age on several government maps although pre-Reid glaciation may have occurred on the ridge

top in the western half of the recently staked claims. Pre-Reid glaciation is possibly older than 500,000 years (Jeff Bond, personal communication, 2012). Reid glaciation began 200,000 years ago and ended about 50,000 years ago. Younger McConnell Glaciation which lies further east of the claims ended about 20,000 years ago.

Uppermost soil is an organic soil from almost absent to less than one cm thick on dryer slopes and in excess of 10 cm thick over gentle poorly drained slopes. Loess occurs on all slopes, generally about 20 to 30 cm thick beneath the organic soil. This loess is believed to have formed in late stages or soon after the end of McConnell Glaciation. Till is commonly found beneath the loess on the north facing and east facing slopes containing well rounded cobbles and smaller rocks of foreign origin. At higher elevations along the ridgeline till does occur beneath the loess but angular rock fragments believed to be of local origin are common in many soil pits and in a few pits are very abundant.

GEOCHEMICAL SURVEY.

General.

On August 3, G Richards bought supplies, rented radios and organized gear for the work. On August 4, G. Richards and A. Holway drove from Whitehorse to the project area and set up a camp on a small spur road along the Klondyke Highway. From August 5 to 9 they collected MMI and rock samples. On August 10 they packed the camp and samples into their vehicle and drove to Whitehorse. On August 11 Richards sorted samples and shipped them to Vancouver, returned rented radios, payed invoices, and cleaned and stored camping gear. In Vancouver, Richards dropped the MMI samples at the SGS lab, examined and described all the rock samples, splitting them in half and sending half to Bureau Veritas Lab for analysis.

Time spent and samples collected:

G Richards. Aug 3-11, **9 man days**

A Holway, Aug 4-10, **7 man days**

18 MMI soil samples were collected

75 rock samples were assayed

Four sample series are shown on Figures 4 and 4A. “C” and “T” sample series were collected in 2016; “R” and “K” sample series were collected in 2017; P and Y sample series were collected in 2019; W and some R sample series were collected in 2020.

The 2020 MMI soil sampling program was conducted across a limited portion of the KRYPTOS claims to try and limit the extent of the highest Au response ratio, 227 in sample Y38, from the 2019 MMI soil survey and resample some of the high metal values 200 m east of Y38. Both goals were successful. Three samples around and close to Y38, W5 to W7 returned response ratios of 112, 129 and 509 indicating the possibility of significant underlying gold mineralization. Refer to Figure 4 for location of samples and Table 4 for UTM (NAD83, Zone 8) co-ordinates and response ratios for ten elements. A complete list of geochemical results is provided in attached digital files.

Thirty-three pits were dug across the property at and close to previous high Au response ratios in an attempt to find and sample angular gold mineralized angular float and possibly bedrock that would explain the anomalous gold patterns found in the previous soil surveys. No outcrop was found. Multiple rock samples were collected from each pit with only angular or subangular material sampled. Pits were from 0.5 to 1.0 m deep dug on steep to moderate slopes. Upon collection of rock samples for assay the pit walls were sloughed in and the pits backfilled to complete reclamation. Location of the pits are shown on Figure 4A and rock descriptions are provided in Table 3 with UTM (NAD83, Zone 8) co-ordinates and geochemical values for As, Au, and Sb. A complete list of geochemical results is provided in attached digital files.

MMI Soil Sampling.

Watch and ring were removed prior to sampling. Pits were dug by shovel to a depth of 30 cm in order to expose the soil profile for sampling. The profile was scraped clean with a plastic scoop to remove any metal effect from the digging shovel. A continuous strip of soil was collected by plastic scoop over the interval of 10 to 20 cm below the top of true soil, placed in a pre-numbered zip lock baggie and placed in a 30 cm by 50 cm 2 mil plastic bag. Loess was present at nearly all sample sites and was the sample medium for most samples with a

minor contribution from underlying till in some samples. Samples were kept cool until they were shipped to SGS Minerals Services in Vancouver for analyses.

In the SGS Lab, samples are not dried or prepared in any way. The MMI process includes analyses of an unscreened 50-g sample using multi-component extractants. Metals are determined by ICP-MS in the parts per billion range.

Response Ratios were calculated for Ag, As, Au, Bi, Fe, Mn, Pb, Sb, W, and Zn. Normally response ratios are calculated by dividing each value by the average of the lower quartile but because only 18 samples were collected the average from the 2019 soil sampling program was used, which could introduce errors that are believed to be small.

Rock Chip Sampling.

Rock samples were shipped to Vancouver where they were described and broken in half with one-half given to Bureau Veritas Laboratories (BVL). BVL prepared the samples using their PRP70-550 where a 1 kg sample was crushed to $\geq$70% passing 2mm followed by a 500gm sample pulverized to $\geq$85% of -75 microns. A 15-gm split was analyzed by BVL's AQ201 technique using a modified aqua regia digestion with an ECP-ES/MS analysis. This provided a 37-element analyses with a suitable detection limit on critical elements including 0.5 ppb Au, 0.1 ppm Cu, 0.1 ppm Mo, 0.1 ppm Ag, 0.5 ppm As, 0.1 ppm Bi, 0.1 ppm Sb, subject to solubilities of mineral species present.

Results.

MMI soil results confirmed the high response ratio, 227, from sample Y38 in the 2019 survey with three response ratios of 112, 129, and 509 collected within 100 m of Y38. The MMI results also confirmed the anomalous results from 2019 in samples collected 200 m east and yielded no anomalous results to the west thus confirming the extent of the two km anomalous zone described in the previous surveys.

All rock samples were either of quartz or more commonly of various forms of muscovite bearing carbonaceous quartzite. No outcrop was encountered in any of the soil pits although depth of pits varied from 0.5 to 1.0 m. Tills were encountered in all pits. Angular to subangular rock was collected from each pit for evaluation and later selected for assaying. Many of the quartzites contained lamellae of oxidized limonitic material and occasionally limonitic fractures. Seven

quartzite samples returned gold values of 10.8 to 18.6 ppb Au, considered only weakly anomalous. Rock chip sample results are not considered high enough to explain the high Au response ratios in the MMI soil samples. Rock samples collected from a pit dug at Y38 at and close to the four very high MMI Au response ratios returned Au values of 11 and 18.6 ppb. Four samples of quartz from these pits returned gold values of 33.2, 26.8, 14.9 and 11.6 that are similarly not considered high enough to explain the high MMI Au response ratios.

Values of other metals notably As and Sb are moderately anomalous in many samples, Bi sporadically moderately anomalous, Tl weakly anomalous in some samples and W not anomalous in any samples although these four elements form widespread anomalous patterns in MMI soil samples over a three km diameter area.

Ca has a uniform consistent background of 0.02 to 0.10 %Ca. Three rock samples stand out with values of 4.85% in Y31E, 5.86% in Y31I, and 2.18% in Y38D that have corresponding Au values of 5.0, 17.6, and 18.6 ppb. This may indicate that the causative source of the high Au MMI response ratios could contain high calcium content.

Cause of the anomalous elements may be some style of epithermal gold mineralization given the anomalous Au and the number of traditional Au pathfinder elements included in the MMI anomalous suite. These pathfinder elements include As, Sb, Bi, Tl, and W.

CONCLUSIONS.

Previous sampling in 2019 on the KRYPTOS claims defined two zones of anomalous gold in MMI soils, one measuring 3 km long by up to 300 m wide forming a horseshoe shape and the other one km long by up to 400 m wide all contained within a three km diameter pattern of nearly coincident anomalous As, Sb, Bi, Tl, W and other elements.

Bedrock throughout this zone is certainly metasediments, mainly carbonaceous quartzite, based on three outcrops and abundant similar angular float in soil pits. The target area lies within metasediments of the Finlayson Assemblage described on Geoscience Map 7. In 2019 no strongly mineralized

samples were found although one sample, Y87, of phyllite/schist with weakly quartz bearing fractures yielded 15.9 ppb Au with moderately anomalous As and Sb but no anomalous values in any of the other pathfinder elements.

MMI soil sampling in 2020 confirmed the high Au response ratio, 227, from 2019 in sample Y38 with three samples up to 50 m away yielding Au response ratios of 112, 129, and 509. Other MMI soil samples confirmed the patterns of anomalous metals in samples from 2019.

Rock sampling in 2020 failed to provide results high enough to convincingly explain the anomalous gold patterns of MMI soil samples. Further exploration is warranted.

Epithermal gold mineralization may be present within the target area given the anomalous Au in soils and the number of traditional Au pathfinder elements included in this anomalous suite.

RECOMMENDATIONS.

It is recommended that excavator trenching or percussion drilling be undertaken on and around some of the soil sample locations with the highest gold values in an attempt to find significant Au mineralization.

STATEMENT OF COSTS

Geochem:		
Bureau Veritas VANI373773 Rocks		2570.82
SGS Labs 590665 MMI samples		788.09
Wages:		
G Richards Aug 3-11; 9 days @ $500/day		4500.00
A Holway Aug 4-10; 7 days @ $300/day		2100.00
Living Allowance: sample bags, food, sat phone, radios, flagging, etc		
16 man-days @ $100/man day		1600.00
Truck:Whitehorse-Stewart-Whitehorse: 900 km x $0.60/km		540.00
Generator: 7 days @ $10/day		70.00
YWCB 0.0459 X $2100		96.39
Freight: Air North, Samples Whitehorse to Vancouver		166.11
	Sub Total	12,431.41
Report: 10% of Sub Total		1,243.14
	TOTAL	**$ 13,674.55**

Apply 2 years to KRYPTOS 15-60: 46 cl X 2yrs X $100/cl-yr = $9,200.
Apply 2 years to KRYPTOS 61-80: 20 cl X 2yrs X $100/cl-yr = $4,000.

Total $ 13,200

STATEMENT OF QUALIFICATIONS.

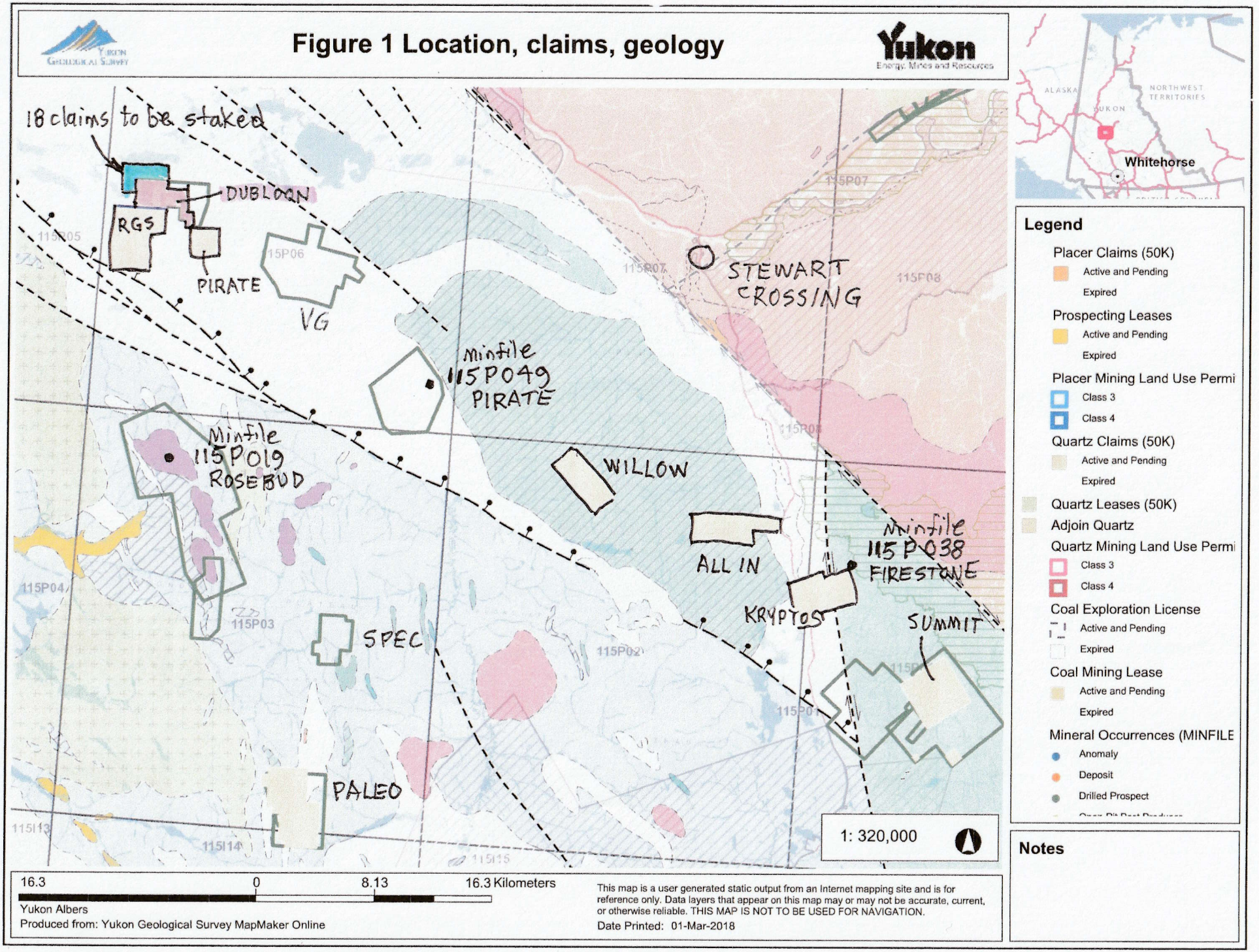
I, Gordon G Richards, with business address at 6410 Holly Park Drive, B.C., V4K 4W6, do hereby certify that:

1. I hold a B.A.Sc. (1968) in Geology from The University of British Columbia, and an M.A.Sc. (1974) in Geology from The University of British Columbia.
2. I have been practicing my profession as a geologist for over 40 years and as a consulting geological engineer from 1985 to 2018. I have work experience in western areas of the United States, Alaska, Canada, Mexico and Africa.
3. I have based this report on my own field work and supervision of field work by Aaron Holway during the period of August 3 to 11 and on the results generated by that field work.

Respectfully submitted,

Gordon G Richards

Figure 1 Location, claims, geology



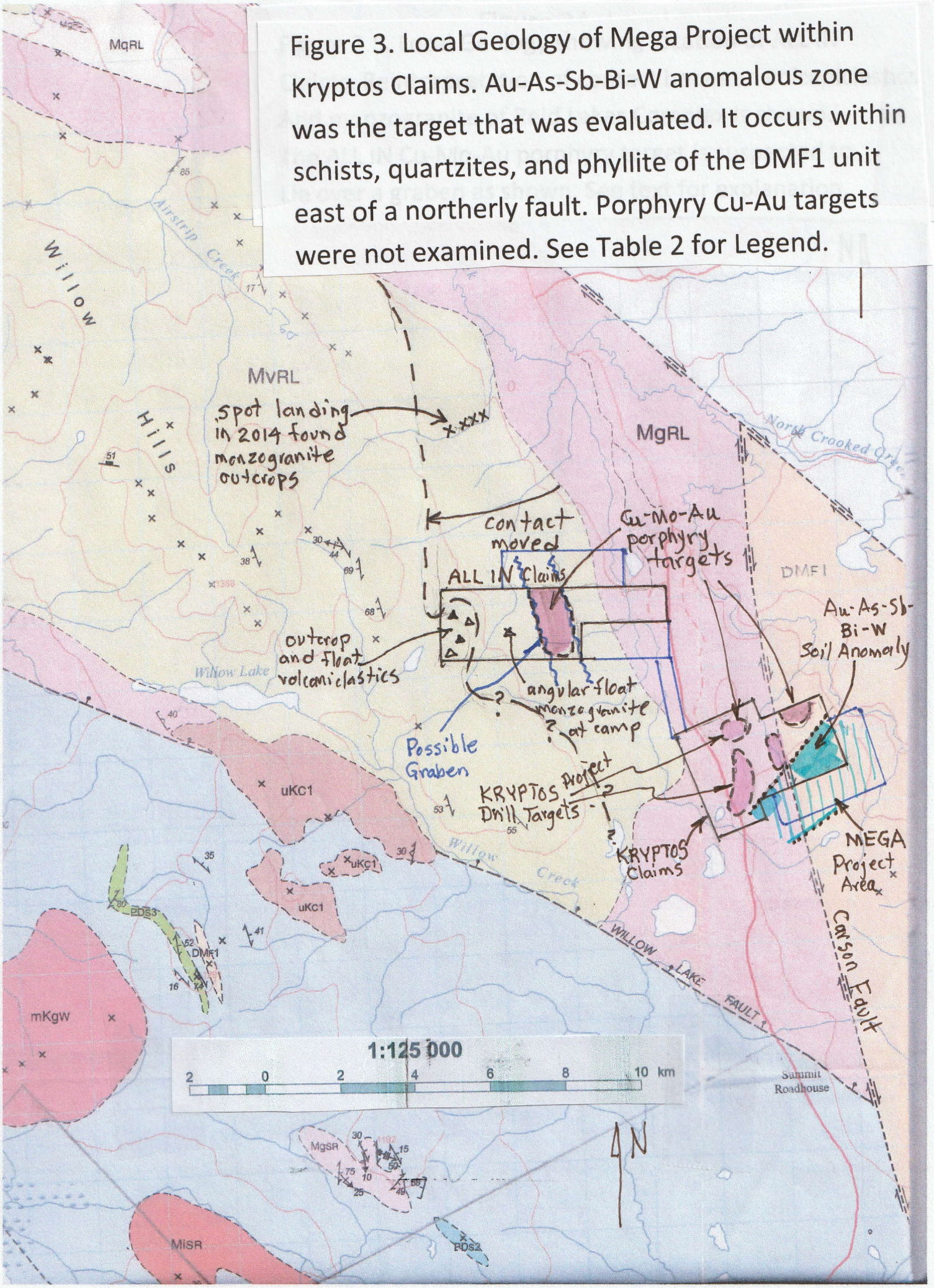


Figure 3. Local Geology of Mega Project within Kryptos Claims. Au-As-Sb-Bi-W anomalous zone was the target that was evaluated. It occurs within schists, quartzites, and phyllite of the DMF1 unit east of a northerly fault. Porphyry Cu-Au targets were not examined. See Table 2 for Legend.
MqRL
Airstrip Creek
Willow Hills
MvRL
spot landing in 2014 found monzogranite outcrops
MgRL
North Crooked Creek
contact moved
Cu-Mo-Au porphyry targets
ALL IN Claims
DMF1
Au-As-Sb-Bi-W Soil Anomaly
outcrop and float volcaniclastics
Willow Lake
angular float monzogranite at camp
Possible Graben
KRYPTOS Project Drill Targets
KRYPTOS Claims
MEGA Project Area
uKC1
Willow Creek
PDS3
DMF1
mKgW
WILLOW LAKE FAULT
Carson Fault
1:125 000
2 0 2 4 6 8 10 km
Summit Roadhouse
N
MgSR
MiSR
PDS2

STIKINIA/QUESNELIA

EARLY JURASSIC

EJgA	Aishihik suite: granodiorite to monzogranite (± quartz monzonite and quartz monzodiorite); commonly K-feldspar porphyritic and hornblende-bearing; common biotite ± chlorite alteration with secondary epidote; prominent magmatic epidote; intrudes Stikinia and Yukon Tanana terranes; generally underformed but locally foliated plutons and/or dykes.

PERMIAN

Metaplutonic and metavolcanic rocks of the Klondike arc

PgSC	Sulphur Creek suite: quartz and K-feldspar porphyritic to augen monzogranite; strain varies from moderately foliated to gneissic (including porphyroclastic straight gneiss); biotite bearing; locally is the protolith to felsic Klondike Schist.

Klondike Schist (PK1, PK2)

PK2	Metafelsite, commonly porphyritic or augen-textured; possibly derived from felsic volcanic rocks or hypabyssal intrusions; locally derived from equigranular to augen monzogranite; locally exhibits decussate amphiboles pseudomorphed to chlorite-biotite; local coarse porphyroblastic garnet.
PK1	Intermediate to mafic, light-green, pyrite-chlorite schist; commonly exhibits a pitted surface indicative of coarse pyrite cubes having weathered out; primary volcanic textures locally preserved.

EARLY MISSISSIPPIAN

Reid Lakes complex (MgbRL, MgRL, MqRL, MvRL)

MgRL	Reid Lake batholith: polyphase; undeformed to weakly foliated monzogranite, granodiorite and quartz monzonite; typically biotite-bearing and exhibiting abundant blebby to porphyritic smokey quartz; fresh magmatic hornblende and K-feldspar phenocrysts common in eastern extent; slightly foliated adjacent to Willow Lake fault; easily confused with undeformed post-Triassic intrusions.

YUKON TANANA

LATE DEVONIAN - EARLY MISSISSIPPIAN

Moderately to strongly foliated (orthogneissic) plutonic rocks

Simpson Range suite (MgSR, MiSR, MagSR)

MgSR	Monzogranite to granodiorite; equigranular; pink to orange; generally biotite-bearing (after hornblende?); homogeneous to layered.
MiSR	Intermediate to mafic granitoid (tonalite to diorite) sheets; intermediate to dark colour; homogeneous to layered.

Metavolcanic and metasedimentary rocks

Finlayson Assemblage? (DMF1, DMF2)

DMF2	Greenstone - greenschist facies metabasite; chlorite-actinolite schist; preserves relict volcanic and volcaniclastic textures when viewed perpendicular to the stretching lineation; commonly medium green; possibly lower grade equivalent of the garnet-amphibolites assigned to the Snowcap Assemblage.
DMF1	Carbonaceous quartzite to mica-quartz schist; black to white quartzite, with schist and garnet schist interlayers; and rare black phyllite; possibly equivalent to Nasina formation, or simply a carbonaceous member of the Snowcap assemblage.

LATE DEVONIAN AND OLDER

Snowcap assemblage (PDS1, PDS2, PDS3)

PDS3	Amphibolite schist to garnet-amphibolite; metabasite; usually garnet-horneblende-plagioclase or horneblende-plagioclase, with local chorite-biotite; probably derived from mafic volcanic to volcaniclastic rocks; some layers that are internally homogeneous may be mafic sills; more intermediate varieties can have rosettes of decussate, larger hornblende.
PDS1	Quartzite to quartz-mica schist; banded to massive, grey to white in colour; locally conglomeratic; commonly contains beds of micaceous quartz arenite; clastic in origin; quartz-muscovite-biotite schist is possibly derived from siliceous siltstone; commonly finely interlayered with garnet-metapelite.

Table 1. Legend for Figure 3 taken from: Ryan,J.J., Colpron, M., and Hayward, N., 2010. Geology, southwestern McQuesten and parts of northern Carmacks, Yukon; Geological Survey of Canada, Canadian Geoscience Map 7 (preliminary version), scale 1:125,000.

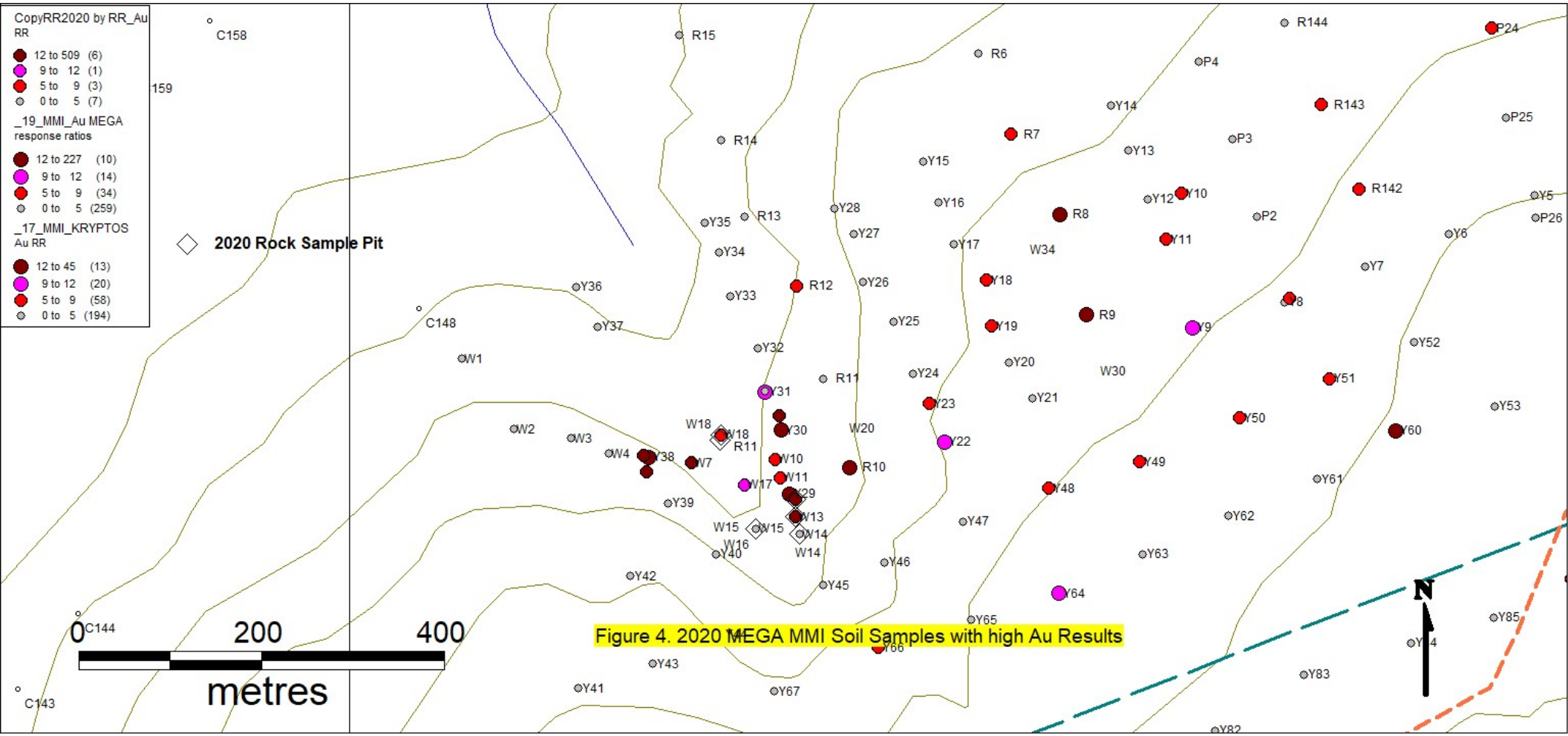


Figure 4. 2020 MEGA MMI Soil Samples with high Au Results

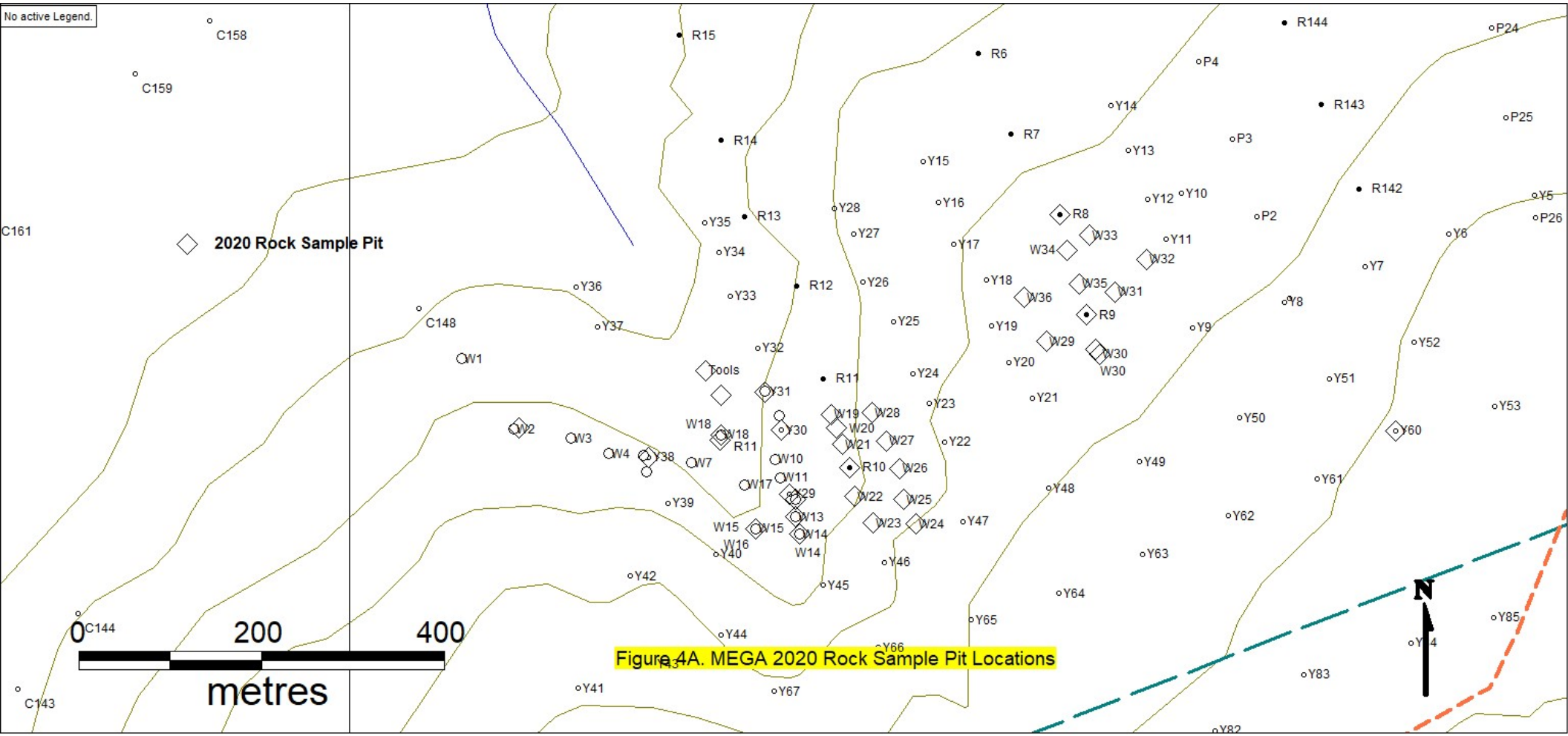


Figure 4A. MEGA 2020 Rock Sample Pit Locations

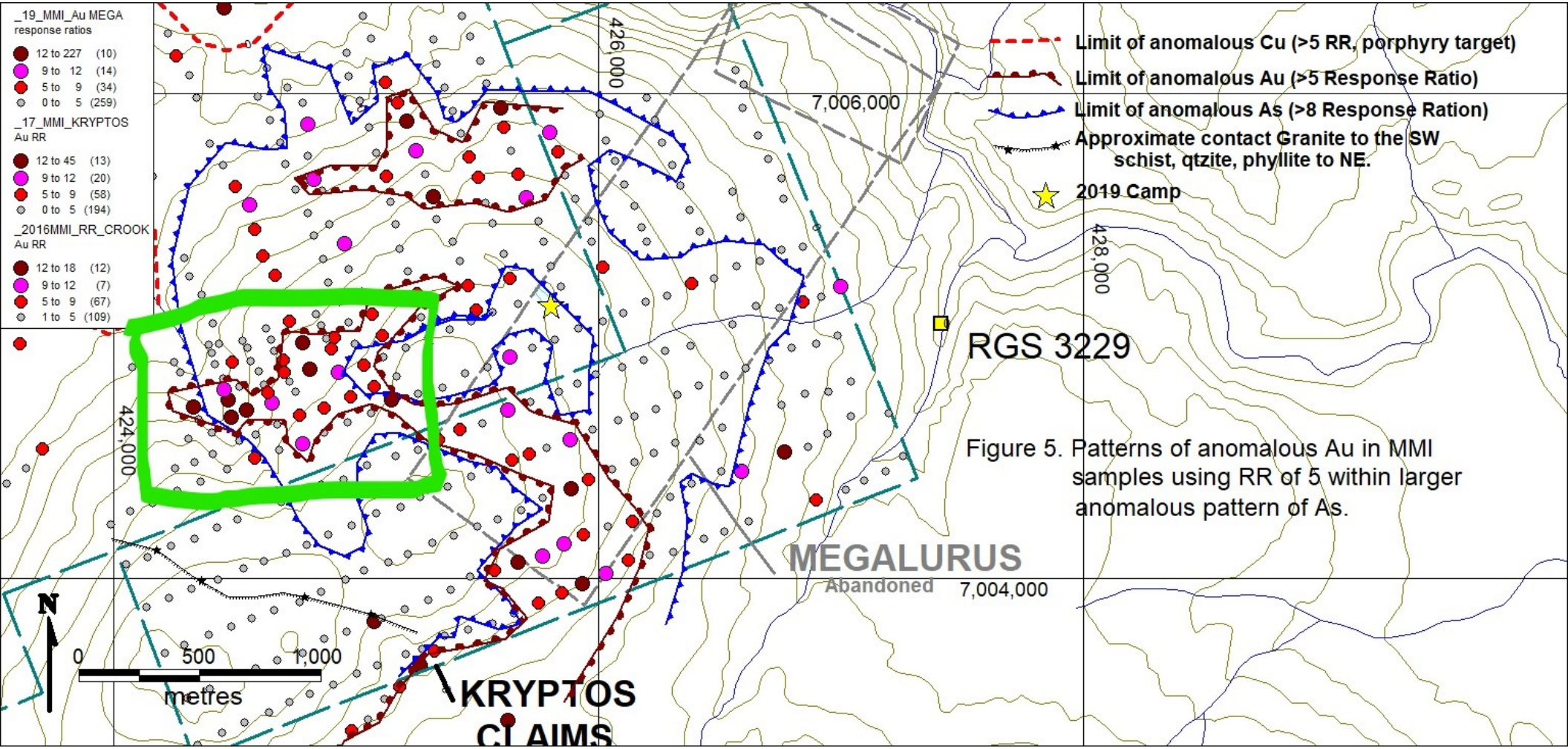


Figure 5. Patterns of anomalous Au in MMI samples using RR of 5 within larger anomalous pattern of As.

ANALYSIS REPORT BBM20-03991

To GORDON RICHARDS
GORDON RICHARDS
6410 HOLLY PARK DR
DELTA V4K 4W6
BC
CANADA

Order Number	PO:	Date Received	12-Aug-2020
Project	Mega	Date Analysed	12-Aug-2020 - 21-Aug-2020
Submission Number	*BBY* MEGA/ 17 (MMI)	Date Completed	22-Aug-2020
Number of Samples	17	SGS Order Number	BBM20-03991

Methods Summary

Number of Sample	Method Code	Description
17	G_LOG	Sample Registration Fee
17	G_WGH_KG	Weight of samples received
17	GE_MMIM	Mobile Metal ION standard package,ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada | CA MIN Burnaby, BC 3260 Production Way, Burnaby, BC V5A 4W4 Burnaby CANADA t +1 (604) 638 2349 f www.sgs.com

Order Number	PO:
Project	Mega
Submission Number	*BBY* MEGA/ 17 (MMI)
Number of Samples	17

ANALYSIS REPORT BBM20-03991

Element	Wtkg	Ag	Al	As	Au	Ba
Method	G_WGH_KG	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
W1	0.17	47.8	27	<10	0.5	13600
W2	0.21	9.4	254	70	0.2	9080
W3	0.15	20.4	98	50	0.5	14500
W4	0.17	50.7	12	<10	0.3	2180
W5	0.22	43.8	19	120	15.0	3070
W6	0.21	33.3	27	150	17.3	1760
W7	0.18	37.2	17	90	68.1	2160
W8	0.32	15.3	33	40	0.3	1160
W9	0.31	69.5	18	10	1.7	13700
W10	0.15	81.6	144	50	0.9	13000
W11	0.32	35.8	192	100	1.1	8440
W12	0.23	25.3	148	440	3.5	6600
W13	0.13	10.1	145	10	1.6	7870
W14	0.23	37.0	86	40	0.4	7430
W15	0.32	18.9	97	130	0.3	8890
W17	0.18	56.8	153	10	1.3	8940
W18	0.18	33.8	282	50	0.9	5460
*Rep W8	-	13.8	31	40	0.2	1160
*Rep W18	-	35.3	278	40	0.9	5400
*Std AMIS0169	-	7.0	51	10	0.3	800
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
W1	<0.5	554	26	272	54	<100
W2	2.8	59	11	410	92	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
W3	1.4	324	4	345	62	100
W4	<0.5	423	7	76	15	<100
W5	<0.5	476	6	65	39	<100
W6	<0.5	423	2	119	19	<100
W7	<0.5	515	3	56	11	<100
W8	<0.5	382	10	43	19	<100
W9	<0.5	342	2	15	6	<100
W10	<0.5	290	18	360	59	100
W11	1.1	112	13	1050	142	100
W12	3.7	91	8	300	86	100
W13	<0.5	221	29	210	207	<100
W14	0.7	228	9	361	149	<100
W15	2.8	161	11	346	115	100
W17	<0.5	275	8	298	156	<100
W18	0.8	18	42	312	73	<100
*Rep W8	<0.5	380	10	42	19	<100
*Rep W18	0.8	17	45	296	78	<100
*Std AMIS0169	<0.5	31	1	580	72	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
W1	0.5	2380	38.3	19.6	12.5	27
W2	3.5	450	42.4	17.5	13.1	231
W3	1.4	690	49.9	26.1	15.5	116
W4	1.0	1160	30.7	22.1	8.2	34

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
W5	0.5	1140	15.0	9.0	4.0	21
W6	2.1	580	27.8	15.9	6.5	47
W7	0.6	900	14.6	8.4	3.7	27
W8	0.7	490	7.8	4.5	2.0	53
W9	1.2	270	7.0	3.6	3.1	13
W10	4.1	290	83.3	45.5	21.7	119
W11	5.1	730	114	58.4	30.6	121
W12	8.2	370	44.6	25.1	11.2	267
W13	1.2	800	179	109	21.4	117
W14	2.8	550	53.4	30.6	14.8	114
W15	7.2	700	45.7	26.2	11.6	174
W17	0.7	860	169	103	27.8	182
W18	3.4	430	69.0	34.4	13.8	195
*Rep W8	0.6	480	7.2	4.2	1.9	55
*Rep W18	2.8	440	68.3	35.2	13.5	181
*Std AMIS0169	7.0	2950	22.3	10.0	8.5	35
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
W1	1.5	51.2	<1	<0.1	3.6	89
W2	20.7	47.3	<1	0.3	10.4	223
W3	8.4	60.9	<1	<0.1	3.4	208
W4	1.4	32.7	<1	<0.1	5.2	95
W5	0.8	16.6	<1	<0.1	6.6	31
W6	2.1	28.9	<1	<0.1	6.9	70

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
W7	0.6	15.9	<1	<0.1	4.7	30
W8	1.1	8.2	<1	<0.1	4.4	17
W9	0.6	8.5	<1	<0.1	4.2	14
W10	6.3	86.6	<1	0.2	19.2	190
W11	12.4	130	<1	0.2	11.1	568
W12	10.2	48.6	<1	0.2	17.6	169
W13	1.4	113	<1	0.1	13.6	84
W14	3.5	61.2	<1	<0.1	7.4	196
W15	8.0	51.1	<1	0.2	10.8	179
W17	1.8	140	<1	0.2	6.2	136
W18	7.3	62.5	<1	0.3	11.7	157
*Rep W8	1.2	7.7	<1	<0.1	4.4	16
*Rep W18	6.5	60.5	<1	0.3	11.3	146
*Std AMIS0169	9.2	32.7	<1	<0.1	40.3	338
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
W1	8	46.9	2000	5	<0.5	163
W2	21	8.7	2200	6	8.1	218
W3	8	26.6	2300	5	2.5	235
W4	12	9.5	1900	2	<0.5	131
W5	2	24.0	1500	<2	<0.5	53
W6	16	24.1	800	<2	<0.5	101
W7	4	27.4	200	<2	<0.5	50
W8	6	13.9	1500	3	<0.5	28

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
W9	6	10.0	500	3	<0.5	27
W10	21	29.9	5700	4	1.3	287
W11	19	15.7	6100	5	3.2	593
W12	23	12.5	5400	10	4.4	180
W13	<1	45.3	5800	<2	<0.5	219
W14	5	32.3	4500	4	1.1	258
W15	20	22.8	5100	9	3.9	202
W17	<1	52.1	1100	<2	<0.5	299
W18	4	6.6	2800	3	2.7	224
*Rep W8	4	13.3	1400	2	<0.5	28
*Rep W18	4	6.7	2800	3	2.4	200
*Std AMIS0169	<1	29.9	3000	3	2.6	295
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
W1	1040	0.2	37	<1	33.6	<0.1
W2	235	8.7	703	<1	53.7	<0.1
W3	298	1.0	259	<1	53.5	<0.1
W4	301	0.3	37	<1	28.9	<0.1
W5	705	0.2	21	<1	11.1	<0.1
W6	334	0.4	29	<1	22.1	<0.1
W7	431	0.3	20	<1	10.5	<0.1
W8	455	0.8	58	<1	6.3	<0.1
W9	101	0.4	11	<1	5.5	<0.1
W10	514	3.3	154	<1	63.4	<0.1

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
W11	524	5.4	528	<1	148	<0.1
W12	317	8.3	681	<1	43.2	<0.1
W13	1120	0.6	1060	<1	40.2	<0.1
W14	383	2.4	462	<1	58.4	<0.1
W15	390	7.0	490	<1	48.7	<0.1
W17	1810	0.7	924	<1	57.2	<0.1
W18	255	4.6	579	<1	50.4	<0.1
*Rep W8	442	0.8	55	<1	5.9	<0.1
*Rep W18	276	4.3	590	<1	46.2	<0.1
*Std AMIS0169	331	2.5	76	<1	80.2	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
W1	19	1.9	28	40	<1	2300
W2	77	6.4	55	44	1	240
W3	56	10.6	43	50	<1	1000
W4	27	2.0	30	26	<1	1360
W5	15	31.6	14	12	<1	1160
W6	29	81.4	22	22	<1	940
W7	16	26.2	16	12	<1	1310
W8	23	8.9	9	6	<1	1110
W9	18	3.9	16	7	<1	960
W10	71	12.6	128	67	<1	820
W11	111	9.8	109	116	<1	440
W12	106	26.7	56	38	<1	380

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
W13	34	3.0	72	62	<1	1510
W14	68	6.6	43	53	<1	900
W15	103	14.2	73	42	<1	690
W17	80	2.4	86	86	<1	1880
W18	108	4.2	45	48	<1	200
*Rep W8	23	9.7	9	6	<1	1110
*Rep W18	101	3.7	42	46	<1	200
*Std AMIS0169	212	0.6	44	44	2	80
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
W1	<1	6.6	<10	55.5	40	<0.1
W2	<1	7.1	<10	76.2	2320	0.4
W3	<1	8.2	<10	81.7	820	0.3
W4	<1	4.5	<10	49.7	70	<0.1
W5	<1	2.4	<10	53.1	20	<0.1
W6	<1	4.2	<10	144	60	<0.1
W7	<1	2.3	<10	93.2	10	<0.1
W8	<1	1.2	<10	83.9	70	<0.1
W9	<1	1.1	<10	25.6	40	<0.1
W10	<1	12.6	<10	54.7	420	0.1
W11	<1	18.3	<10	105	1180	0.3
W12	<1	7.0	<10	113	1120	0.4
W13	<1	22.5	<10	41.3	20	0.1
W14	<1	8.4	<10	74.1	250	0.1

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
W15	<1	7.3	<10	126	770	0.4
W17	<1	23.9	<10	70.8	30	0.2
W18	<1	10.0	<10	47.0	610	0.2
*Rep W8	<1	1.1	<10	85.1	70	<0.1
*Rep W18	<1	10.0	<10	43.8	520	0.2
*Std AMIS0169	<1	4.0	<10	55.5	390	1.1
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
W1	49.8	<0.5	216	14.3	160	56
W2	22.4	1.5	173	11.2	380	107
W3	33.3	0.9	277	19.1	150	72
W4	24.6	<0.5	205	20.8	60	22
W5	43.1	<0.5	90	7.1	70	11
W6	53.8	<0.5	165	14.7	70	25
W7	45.9	<0.5	82	7.0	40	13
W8	39.3	<0.5	41	3.9	200	23
W9	16.4	<0.5	34	3.1	30	39
W10	37.9	0.6	439	36.2	240	71
W11	49.6	1.1	567	41.3	300	151
W12	25.7	1.0	235	19.3	560	256
W13	78.6	<0.5	1060	72.3	1110	41
W14	42.3	<0.5	268	24.3	350	115
W15	38.6	0.7	227	21.7	450	264
W17	88.4	<0.5	975	75.4	150	71

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
W18	24.9	<0.5	321	21.4	470	79
*Rep W8	36.9	<0.5	40	3.8	200	23
*Rep W18	24.1	<0.5	313	21.2	490	70
*Std AMIS0169	18.6	1.1	87	7.0	150	37
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Table 3. Rock Sample Descriptions with As (ppm), Au (ppb), Sb (ppm) results.						
ID	UTM E	UTM N	all samples angular to subangular	As	Au	Sb
R11A	426407	7004733	3 cm bull qtz	3.1	1.9	0.46
R11B	426407	7004733	muscovite carbonaceous qtzite banded, with oxide	41.2	4.8	5.43
R11C	426407	7004733	muscovite carbonaceous qtzite banded, with 2mm oxide band	35.1	10.8	5.2
R10A	426547	7004697	3 cm qtz boudin with seam oxide border within carbonaceous qtzite	70	20.2	1.63
R10C	426547	7004697	2cm qtz in qtzite	9	2.5	0.49
R9A	426806	7004864	qtz	1.9	0.6	0.11
R9B	426806	7004864	qtz	10.1	1.5	1.07
R9C	426806	7004864	qtz	4	0.7	0.3
Y29	426481	7004668	1/2cm s-fold qtz in musc carbonaceous qyzite with oxide seams	40.4	7.1	1.35
Y29A	426481	7004668	laminated carbonaceous musc qtzite w ocxide lamellae and fracs	20.6	2.7	2.46
Y29C	426481	7004668	6 cm qtz w oxide fracs	104	33.2	1.69
Y29D	426481	7004668	5 cm vuggy qtz	15.8	4	1.29
Y29F	426481	7004668	5 cm vuggy qtz	11.7	3.8	1.19
Y30B	426472	7004738	folded carbonaceous qtzite w oxide	6.6	1.7	1.8
Y30D	426472	7004738	carbonaceous qtzite w oxide seams	9.1	0.7	0.91
Y30H	426472	7004738	carbonaceous qtzite w oxide and qtz and vuggy texture	8.3	1.8	0.81
Y31A	426455	7004780	pale qtzite w few seams oxide and musc	19.8	2.8	5.06
Y31B	426455	7004780	pale carbonaceous banded qtzite w oxide seams	32.8	5	1
Y31D	426455	7004780	pale carbonaceous banded qtzite w 3cm qtz veins // foliation	12.4	1.1	5.21
Y31E	426455	7004780	pale qtzite	23.7	5	4.53
Y31F	426455	7004780	wavy banded med grey qtzite	37.4	2.1	5.37
Y31I	426455	7004780	4 cm qtz in qtzite with fine grey sulphide locally	5.5	17.6	10.2
Y38A	426327	7004708	pale buff musc qtzite w minor laminated oxide	6.8	<0.2	1.2
Y38B	426327	7004708	med buff grey musc qtzite w 10% oxide laminae	32.7	11	4.05
Y38D	426327	7004708	med buff grey musc qtzite w much musc, much oxide laminae	122	18.6	14.4
W12A	426488	7004662	dark grey carbonaceous 5% musc qtzite	42.2	3.5	5.32
W12C	426488	7004662	5 cm bull qtz w vuggy seam	6.4	4.8	0.72
W12D	426488	7004662	dark grey fine carbonaceous lamellae in white qtzite w ox seams	22.7	1.3	1.28
W13B	426488	7004643	dark grey qtzite w 2 qtz seams 0.25 & 0.5 cm wide some ox seams	9.4	0.6	4.54
W14A	426492	7004624	dark grey phyllite-qtzite w qtz to 2 cm	6.8	5.5	0.55
W14B	426492	7004624	dark grey carbonaceous qtzite w qtz to 2 cm wide	14.7	2.5	1.5
W14C	426492	7004624	8 cm wide white to med grey qtz & (fine diss sulphide?)	7.4	26.8	0.94
W15B	426444	7004630	finely lamelar med grey carbon's qtzite with oxide as //seams, fracs	119	9	2.71
W15C	426444	7004630	3 cm white qtz w faint oxide and musc xenos	2.8	1	0.35
W16A	426444	7004630	carbonaceous qtzite w 5% musc, minor qtz seams, micro oxide	9.5	1.8	5
W16C	426444	7004630	dark grey phyllite w 5 cm qtz	7.5	3.1	0.56
W17B	426432	7004678	lamellar carbon's qtzite w musc and oxide along some lamellae	6.6	2.6	1.31
W18C	426407	7004733	dark and white lamellar carbon's qtzite, 5% musc w oxide lamellae	7.2	3.7	1.1
W19A	426527	7004755	med grey musc carbonaceous qtzite w oxide lamellae and fracs	7	2.7	9.69
W19B	426527	7004755	dark grey phyllite-qtzite w 3 cm qtz with vugs	4.1	4.5	1.13
W19C	426527	7004755	pale grey qtzite w 10% musc and much oxide	21.5	18.1	6.42
W20A	426533	7004740	wavy banded darj grey qtzite w specs and wavy seams oxide	22.5	2.4	1.81
W21B	426540	7004722	med grey wavy banded musc carbonaceous qtzite	3.5	1.5	0.37
W21C	426540	7004722	med grey wavy banded musc carbon's qtzite w lamel w vuggy core	14	1.3	1.26
W22D	426553	7004665	med grey musc carbon's qtzite w minor oxide (fine grey sulphide?)	9.3	1.9	2.15

Table 3. Rock Sample Descriptions with As (ppm), Au (ppb), Sb (ppm) results.						
W22E	426553	7004665	5 cm qtz w oxide and minor vugs	22.6	2.8	1.13
W23B	426573	7004636	pale qtzite w oxide frac and disseminations	4.5	1.9	0.24
W24A	426620	7004635	5 cm qtz	2	6.3	0.12
W24E	426620	7004635	5 cm qtz w oxide and minor vugs	25.3	14.9	0.92
W24F	426620	7004635	phyllite- musc qtzite w 3% oxide	29.5	2.2	1.69
W25B	426607	7004662	med grey musc qtzite w 5% dissem and seams ox and qtz fracs	14	2.6	2.44
W25D	426607	7004662	5 cm dense qtz	6	1	1.02
W26B	426602	7004696	med grey finely banded musc carbon's qtzite w 2% oxide lamel	103	4.2	8.6
W27A	426587	7004726	3 cm sugary textured qtz	1.6	0.5	0.15
W28B	426572	7004757	5 cm sugary textured qtz	4.1	2.8	1.65
W30A	426821	7004821	four pieces suggary qtz	1.8	0.4	0.16
W31A	426838	7004889	musc qtzite with oxide fracs	21.8	4.8	4.96
W31C	426838	7004889	knobbly 6 cm qtz	2.9	11.6	0.31
W31D	426838	7004889	badly oxidized carbonaceous qtzite	66.2	4.3	14.2
W33A	426810	7004951	wavy banded carbonaceous qtzite w oxidized carbon content	114	15.2	1.27
W33B	426810	7004951	8 cm qtz	3.4	0.8	0.49
W33C	426810	7004951	dense pale grey 6 cm qtz	1.2	1.1	0.1
W35A	426799	7004898	carbonaceous qtzite	8.1	2.3	0.48
W35B	426799	7004898	5 cm qtz	1.7	0.5	0.15
W35C	426799	7004898	8 pieces qtz	3.8	0.7	0.37
W36A	426738	7004883	5 pieces dense buff pink-grey qtz	3.2	0.6	0.22
W8A	426454	7004781	pale qtzite w musc parting and oxide seams	16.9	0.2	4.19
W8C	426454	7004781	pale musc qtzite w much oxide seams	7.2	<0.2	1.9
W8D	426454	7004781	pale buff musc qtzite w oxide seams	1.3	0.3	0.52
W8E	426454	7004781	qtz	3.7	<0.2	0.35
W8F	426454	7004781	med grey qtzite w 4mm X-cutting qtz vnlt w 3% goetite afer py	16.9	4.2	2.26
W10A	426466	7004706	finely banded carbon's qtzite, badly crackled and oxide throughout	26.5	6	5.13
W10B	426466	7004706	finely banded carbon's qtzite, badly crackled and oxide throughout	20.9	5.5	7.12
W11A	426471	7004686	fine band carbon's qtzite, badly crackled, ox through, qtz to 3mm	15.1	2.8	1.46
W11F	426471	7004686	fine band carbon's qtzite, badly crackled, ox through, qtz to 3 mm	12.8	2.2	1.3

Table 4. Response Ratios for MMI Soil Samples MEGE 2020													
ID	UTME	UTMN	WTKG	RR Ag	RR As	RR Au	RR Bi	RR Fe	RR Mn	RR Pb	RR Sb	RR W	RR Zn
W1	426123	7004816	0.17	7	1	4	1	1	7	0	2	1	5
W2	426180	7004739	0.21	1	12	1	11	7	8	5	7	6	12
W3	426242	7004729	0.15	3	8	4	6	4	8	2	11	4	5
W4	426284	7004712	0.17	8	1	2	1	1	7	0	2	1	2
W5	426325	7004692	0.22	7	20	112	1	1	5	0	33	1	2
W6	426322	7004710	0.21	5	25	129	1	2	3	0	85	1	2
W7	426374	7004702	0.18	6	15	509	1	1	1	0	27	1	1
W8	426454	7004781	0.32	2	7	2	1	2	5	0	9	1	6
W9	426470	7004754	0.31	11	2	13	1	0	2	0	4	1	1
W10	426466	7004706	0.15	12	8	7	1	4	21	1	13	2	7
W11	426471	7004686	0.32	5	16	8	4	4	22	4	10	4	9
W12	426488	7004662	0.23	4	73	26	15	9	20	5	28	4	17
W13	426488	7004643	0.13	2	2	12	1	4	21	7	3	1	34
W14	426492	7004624	0.23	6	7	3	3	4	16	3	7	1	11
W15	426444	7004630	0.32	3	21	2	11	6	19	3	15	3	14
W17	426432	7004678	0.18	9	2	10	1	6	4	7	2	1	5
W18	426407	7004733	0.18	5	8	7	3	6	10	4	4	1	14