

ASSESSMENT REPORT ON THE 2017 GEOCHEMICAL SURVEY OF THE RIVER CLAIMS

DAWSON MINING DISTRICT – NTS 115N/07

Latitude 63° 22.68769' N, Longitude 140°51.82987' W

UTM NAD 83 ZONE 7: 507000E, 7028000N

RIVER CLAIMS 1-20 GRANT NUMBERS YF05821 – YF05840

WORK CONDUCTED BETWEEN JULY 14 AND 21, 2017

REPORT BY DANIELÉ HÉON, P. GEO.

WHITEHORSE, OCTOBER 29, 2018

TABLE OF CONTENTS

SUMMARY.....	1
LOCATION AND ACCESS	1
CLAIM DATA.....	2
REGIONAL DATA	3
Regional Geology.....	3
Regional Geochemistry.....	4
Regional Geophysics.....	5
MINERALIZATION AND PREVIOUS WORK.....	5
2017 SOIL SURVEY	6
Description of work	6
Methodology	6
2017 Results	8
CONCLUSIONS AND RECOMMENDATIONS.....	8
STATEMENT OF QUALIFICATIONS	10
REFERENCES	11

LIST OF FIGURES

Figure 1: General Location Map	1
Figure 2: Geology, Minfile, and RGS Data for Au (ppb)	4
Figure 3: Regional First Derivative Mag.....	5
Figure 4 : 2017 Soil Sample Location Map.....	7

LIST OF APPENDICES

Appendix A – Claim Map	12
Appendix B – Sample Location Data	13
Appendix C – Geochem Maps.....	14
Appendix D – Minfile Descriptions	15
Appendix E – Historical Maps from Ocean Home Exploration Ltd., 1970.	16
Appendix F – Assay Certificates	17

SUMMARY

The RIVER property consists of a total of 20 quartz claims, located on NTS map sheet 115N/07, and registered in the Dawson Mining District. A total of 2.9 person-days was spent on this project. Room and board, mobilization, and demobilization costs were shared with other projects. The crew mobilized to Dawson on July 14, 2018, and demobilized on July 21, 2018. A soil geochemical survey was conducted on July 15, 2017. A total of 36 soil samples were analyzed for gold and multi-element ICP.

The property is located in the North Ladue River area at the western edge of north-central Yukon. Regional mapping shows the property to be underlain by quartz-muscovite schist of the Permian Klondike Schist of Yukon Tanana Terrane (YTT) near its contact with the Permian Sulphur Creek orthogneiss. A body of Tertiary rhyolite or porphyry is mapped in the central part of the claim block. Granitic intrusions of the Whitehorse suite intrude the sequence south of the claims. Claims were staked on May 25, 2017; the subsequent soil sampling program was the first work program conducted on the property.

The author was not involved in the fieldwork. This report documents and interprets the results of the 2017 sampling, based on information supplied by Coureur des Bois Ltée Ltd.

LOCATION AND ACCESS

The RIVER property is located in the North Ladue River – White River area, at the western extent of central north Yukon, approximately 100 km southwest of Dawson City, 100 km north of Beaver Creek, and approximately 7 km east of the Yukon/Alaska border, on NTS map sheet 115N/07 (FIGURE 1).

The centre of the property lies approximately 35 km northwest of the White River at Latitude 63° 22.68769' N, Longitude 140°51.82987' W; or UTM NAD 83 Zone 7 coordinates 507000E, 7028000N

The property was accessed by helicopter chartered from Dawson City.

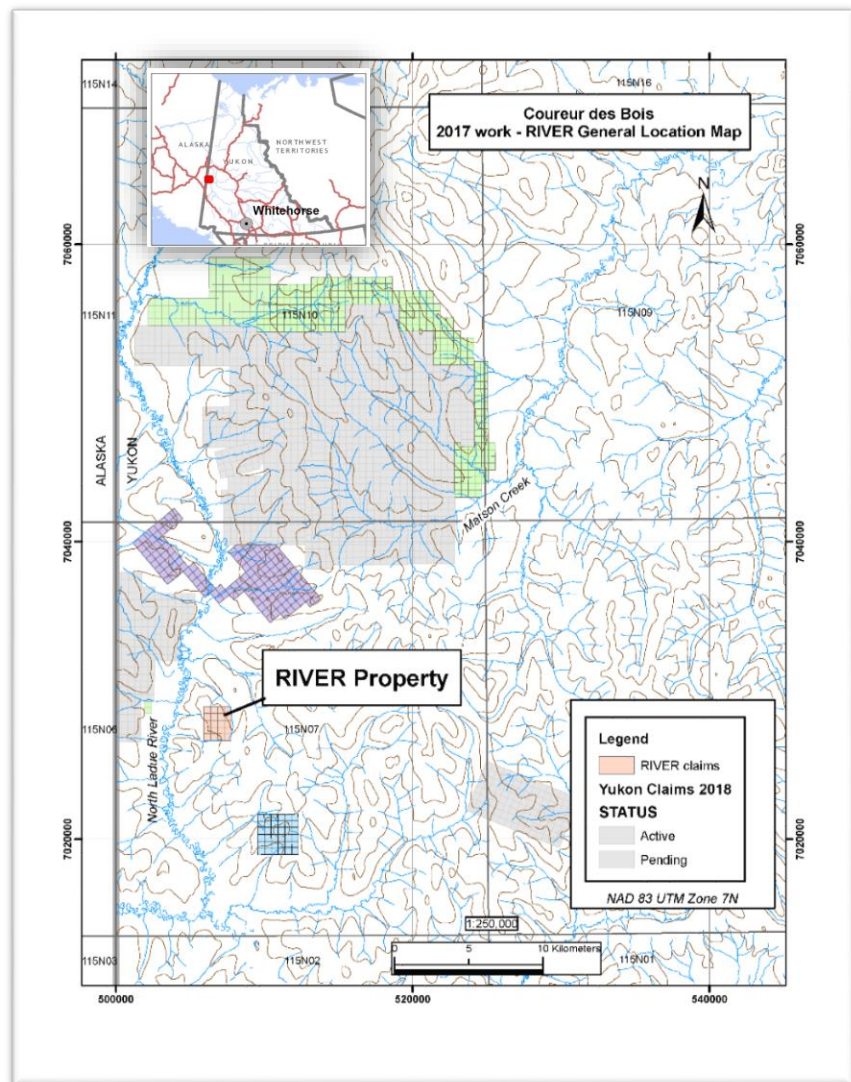


FIGURE 1: GENERAL LOCATION MAP

CLAIM DATA

The River property consists of 20 quartz claims registered in the Dawson Mining District. The claims are held by Coureur des Bois Ltée Ltd. The detailed information is listed below in TABLE 1.

TABLE 1: CLAIM DATA

Grant Number	Claim Label	Claim Owner	NTS Map Number	Claim Expiry Date	Renewal Period (years)	Requested Expiry Date
YF05821	River 1	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05822	River 2	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05823	River 3	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05824	River 4	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05825	River 5	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05826	River 6	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	4.5	29-Nov-2022
YF05827	River 7	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	4.5	29-Nov-2022
YF05828	River 8	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	4.5	29-Nov-2022
YF05829	River 9	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05830	River 10	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05831	River 11	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05832	River 12	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05833	River 13	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05834	River 14	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05835	River 15	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05836	River 16	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05837	River 17	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2022
YF05838	River 18	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2022
YF05839	River 19	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021
YF05840	River 20	Coureur des Bois Ltee Ltd. - 100%	115N07	29/05/2018	3.5	29-Nov-2021

REGIONAL DATA

REGIONAL GEOLOGY

Since this area of central Yukon has not been glaciated, the weathering profile and oxidation level are deeper than in glaciated areas. Metal response in soils may be muted due to prolonged weathering and resulting dilution.

The bedrock geology in the property area is part of the Yukon-Tanana terrane (YTT), a belt of metamorphosed sedimentary, volcanic, and plutonic rocks which document a complex magmatic and structural history. Rocks of YTT are interpreted to have started off as a Paleozoic (Devono-Mississippian) magmatic arc built on the margin of the Laurentian craton as a response to subduction of the oceanic lithosphere under the craton. Subsequent rifting created the Slide Mountain Ocean between YTT and Laurentia and lasted until mid-Permian time. In late Permian time, the polarity of the subduction reversed, and the Slide Mountain Ocean began to subduct under YTT, creating a new (Permian) continental arc package. The metavolcanic and metasedimentary rocks of the Klondike Schist are part of this Permian arc. In latest Permian time, arc polarity reversed and YTT collided with and overrode the Laurentian margin. Continued convergence led to several other episodes of subduction and their complex magmatic response.

The digital regional geology map published by the Yukon Geological Survey (Figure 2) shows the claims to be underlain by Permian Klondike Schist, subunit PK₁, which consists of quartz-muscovite ± chlorite schist; it is generally interpreted as a metavolcanic arc package.

A Tertiary (Paleocene-Eocene) felsic volcanic event is represented in the area by thin occurrences of sub-volcanic to volcanic rhyolite dykes, flows and volcanoclastic equivalents. An elongate body is mapped on the property, the map extent measures approximately 2 x 0.5 km.

Approximately one kilometre south of the claims block, the Permian Klondike Schist unit is intruded by the Cretaceous Whitehorse Suite (mKqW), a suite of felsic intrusions ranging in composition from granite to granodiorite to quartz monzonite. The regional map shows this intrusion to measure approximately 2 x 3 km.

A reconnaissance mapping and sampling program was conducted in 1970 by Ocean Home Exploration Ltd. in the Rice Creek area. It outlined an area of granitic intrusion, shearing, hornfelsing, quartz veining, and sulphide mineralization. The regional map from this work is provided in Appendix E.

No new geological information was collected during Coureur des Bois's program.

TABLE 2: TABLE OF FORMATIONS

Age	Name on YGS Map	Rock type
Lower Tertiary	Ross Volcanic Suite (ITR ₂)	Felsic volcanic rocks: rhyolite flows, tuff, ash-flow tuff and breccia
Cretaceous	Whitehorse Suite (mKqW)	Biotite quartz monzonite, biotite granite, leucogranite
Permian	Sulphur Creek Orthogneiss (PgS)	Granodiorite, quartz monzonite
Carboniferous to Permian	Klondike Schist PK ₁	Quartz-muscovite-chlorite schist

The RGS data for the area is dated from 1998, when a limited suite of elements was analyzed. The geochemical signature for gold of the area surrounding the claims is shown in Figure 2. About four RGS sample sites can be interpreted to sample creeks that drain the claim block. The highest value was 4 ppb Au, obtained in the lower reaches of a creek draining the southern portion of the claim block. The metal response in the regional samples is relatively flat for all the elements analyzed, except for two samples located to the west of the North Ladue River: one sample assayed 20 ppb Au and its repeat analysis assayed 123 ppb Au; another sample assayed 53 ppm Co and 9800 ppm Mn.



REGIONAL GEOPHYSICS

Regional magnetic data is available from the YGS website. Figure 3 below shows the first derivative magnetic survey, with the outline of the RIVER claim block shown in red.

The small claim block corresponds to a low magnetic signature trending WNW. This linear low mag occurs between a massive, somewhat linear high mag to the southwest, possibly corresponding to a Cretaceous granitic intrusion from the Whitehorse suite, and a blebbier magnetic pattern to the northeast.

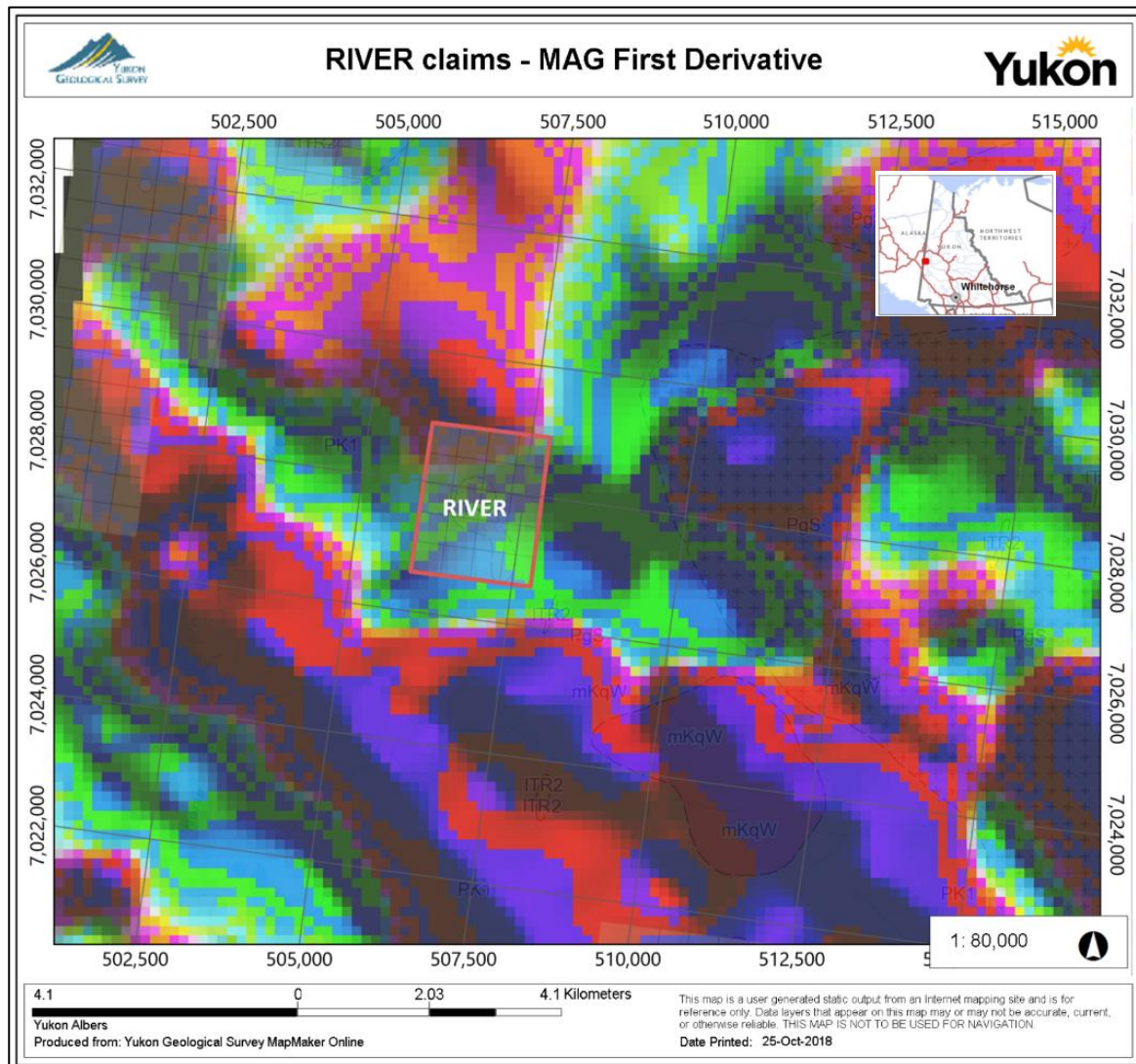


FIGURE 3: REGIONAL FIRST DERIVATIVE MAG

MINERALIZATION AND PREVIOUS WORK

No prospecting has been done on the property to date and so no mineralization has yet been identified on the property by Courcur des Bois. The Klondike Schist is prospective for orogenic gold as well as VMS-type mineralization. The Tertiary rhyolites are prospective hosts for epithermal mineralization. Intrusion-related mineralization could be found in or near the granitic intrusive bodies that are mapped south of the property.

One Minfile occurrence, 115N 104 Bingham, is located on the property (Appendix D. According to the Minfile description, not much is known except that limited references are available for the work done in the Rice Creek area by Ocean Home Exploration Company Ltd; this work includes the area covered by the RIVER and ICE claims. Some figures documenting the mapping and sampling that were performed in 1970 are available through links on the Minfile webpage. These documents, consisting mostly of field maps and airphoto overlays are listed in the Reference section and the geology and silt sampling map are provided in Appendix E.

From this documentation, we can interpret that porphyritic granitic rocks intrude the Klondike Schist, hornfelsing the country rock. Reports of sheared granitoid rocks and mention of mylonites suggest that the contact is sheared and/or that a later structure produces significant deformation. Field map annotations mention pyrite, chalcopyrite, quartz veining and outline a north-trending “mineralized zone”, possibly coincident with a structure. Regrettably, no assay results are provided. A map showing the results of extensive silt sampling is provided, with several sample sites draining the western flank of the RIVER claim block, but unfortunately without a key to the assay numbers provided. It is not known if gold was analyzed.

The discovery and development of orogenic gold targets in the area, such as Kinross’s White Gold deposit and Comstock Metal’s QV property, located approximately 75 km to the east, point to the importance of understanding structural controls. The historical work documents the evidence for both intrusive and structural events, as well as the presence of sulphide mineralization. The RIVER property area is under-explored and its mineral potential remains to be determined.

2017 SOIL SURVEY

DESCRIPTION OF WORK

In 2017, a total of 2.9 person-days of fieldwork were conducted on the RIVER property. The crew mobilized to Dawson on July 14, 2018, and demobilized on July 21, 2018. A soil geochemical survey was conducted on July 15, 2017. A total of 36 soil samples were analyzed for gold and multi-element ICP.

The 2017 sample location map is seen below in Figure 4 and the sample location data is found in Appendix B. The results are displayed in geochemical maps found in Appendix C.

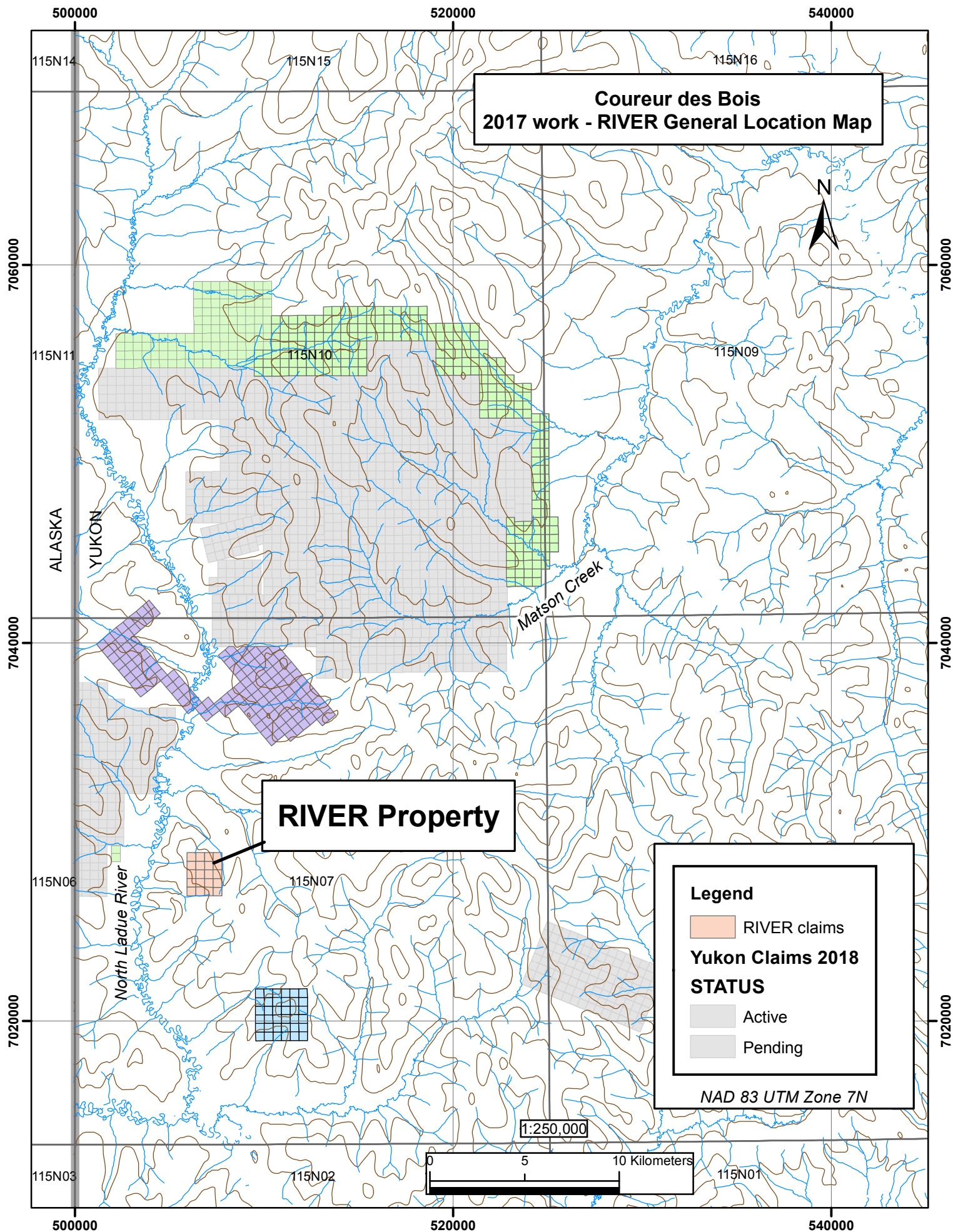
METHODOLOGY

The 2017 soil survey was the first systematic exploration work done on these claims. Two survey lines following claim-staking lines were sampled, in addition to three other samples. Grid lines were spaced 900 metres apart, with soil samples taken every 125 metres.

Sample sites were predetermined and stored in the sampler’s GPS unit. The samplers navigated to the planned waypoints using their GPS, and sampled the B or C horizon at the sample site using a mattock or soil auger. The soil sample was put in a Kraft bag which was labelled with the waypoint number.

Samples were bagged, brought to Whitehorse and shipped directly to ALS Global’s sample preparation facility in Whitehorse.

Samples were prepped according to prep code 41, where the samples were dried at <60°C/140F, sieved to -180 micron (80 mesh) and both fractions retained. The samples were then assayed using the Au-ICP21 package, a 30 g fire assay with AES finish, and the ME-MS41L for the multi-element analyses.



2017 RESULTS

The non-glaciated nature of the terrain may cause a subdued metal response in soils due to their prolonged weathering and oxidation. The material sampled may have been leached from its original metal content and therefore exhibit a weaker metal signature than if it had been collected in glaciated areas.

Soil geochemical maps for Au (ppb), As, Bi, Cu, Mn, Pb, and Zn (all in ppm) are shown in Appendix C. The assay certificates are provided in Appendix F.

The geochemical maps display the range of values for selected elements. In order to best represent the distribution of ranges of values for each element, thresholds were determined by comparing all the samples collected in this area in 2017 (total 1057 samples). The sample database therefore includes samples collected on nearby properties (NET, ICE, and TOP) as these properties cover similar geology as that found at the RIVER.

Results from this 2017 soil survey show that metal response in this survey is generally low; the following observations can be made:

- The highest gold value was 4 ppb.
- Area of anomalous Pb (up to 953 ppm Pb) and Zn occur in the northern portion of claim block, possibly denoting hydrothermal activity related to the rhyolitic (?) intrusion. The sample sites are located over the Permian Klondike Schist, near the contact with the Tertiary rhyolite or porphyry.

CONCLUSIONS AND RECOMMENDATIONS

This initial soil survey was conducted on only two widely spaced lines (900 m apart), at a sample spacing of 125 m. The sample lines are parallel to the Tertiary rhyolitic body. Such widely spaced sampling does not provide enough information to fully evaluate the property. No prospecting took place during this work program.

Metal response was very low, except for strong lead and weak zinc in the northern half of the grid. This does not preclude the potential for gold mineralization, as the gold signature in these unglaciated soils is usually weak. Although no significant results were obtained, the property is still considered underexplored due to the wide sample density.

Historical grassroots exploration indicates the presence of porphyritic intrusions, shearing and mylonitization, hornfelsing, presence of sulphides, and quartz veining. These are potential favourable indicators for orogenic gold, shear-hosted, or intrusion-related mineralization.

To continue assessing the potential of this property, the following work is proposed:

- Structural interpretation from satellite imagery or airphotos, looking for evidence for structures as controls to orogenic gold mineralization.
- Denser soil coverage of the claim block and with line orientation depending on orientation of structures highlighted in previous recommendation and/or orientation of intrusive contacts. East-west lines would provide a better orientation for cross-cutting the N-S rhyolitic body if the government map is accurate. The property work suggests instead an E-W orientation to the intrusive contact.
- Ensure sampling is done using soil augers instead of mattocks, to maximize the sampling depth.

-Geological mapping and prospecting of the property, with focus on the contacts, potential faults, and investigation of anomalous sample sites. Groundtruthing of historical work.

-Expanding the soil coverage (and eventually, the size of the claim block) towards the northwest determine the extent of existing soil anomalies and expanding it also to the southeast to cover the area between the ICE and RIVER claim blocks, where the regional map indicates the presence of Cretaceous and Tertiary magmatic bodies.

Additional work would be dependent on the results of this proposed phase of work.

Signed, in Whitehorse, October 29, 2018

Danièle Héon, P. Geo.

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Additional work would be dependent on the results of this proposed phase of work.

Signed, in Whitehorse, October 29, 2018

A handwritten signature in dark ink, consisting of a large 'D' followed by a stylized 'H' and a wavy line.

Danièle Héon, P. Geo.

STATEMENT OF QUALIFICATIONS

I, Danièle Héon, of:

12 Marigold Place
Whitehorse, Yukon
Y1A 6A2

do hereby declare that;

- I am an independent contracting geologist.
- I graduated with a Bachelor of Science degree from McGill University in Montréal in 1984.
- I have worked as a geologist since graduation from university and in the Yukon since 1990.
- I am a member in good standing of the Association of Professional Engineers and Geoscientists of BC (APEGBC), no. 38518.
- I have not visited the property.
- I am the author of this report in which I compile and present the work and the results of the soil survey conducted by Coureur des Bois Exploration Ltée Ltd., based on the data provided by Coureur des Bois Exploration Ltée Ltd.
- I have not been involved in the fieldwork described herein, so therefore my responsibility is limited to the interpretation and presentation of the data provided.
- This report is intended to satisfy assessment requirements only.

Danièle Héon, P. Geo.

Property	RIVER
fieldwork dates	July 15 2017
mob/demob* dates	July 14 and 21 2017
number of pers-days incl. mob/demob	2.9
no. soil samples	36
Proportion of total exploration program costs (total \$151,424.30 for four properties)	5%
assays \$62.73/sample	\$2,258.28
wages	\$797.50
helicopter*^	\$2,569.56
hotel*^	\$209.29
food*^	\$308.16
fuel*	\$54.12
truck rental *	\$120.00
data & report	\$1,000.00
TOTAL EXPENDITURES	\$7,316.91

* denotes cost-shared expenses factored at TOP/DEN 55%, NET 25%, ICE 15 % and RIVER 5 %

^ Expenses previously assigned to AU claims have been subtracted

Based on information supplied by contractor

See *EXPENSES FILED WEST YUKON.pdf* for detailed allocation of expenses between projects.

See attached receipts

signed: Danièle Héon, P. Geo

Whitehorse, February 22, 2018

REFERENCES

Allan MM, Hart CJR, and Mortensen JK (eds), 2012. Yukon Gold Project Final Technical Report, Mineral Deposit Research Unit, University of British Columbia.

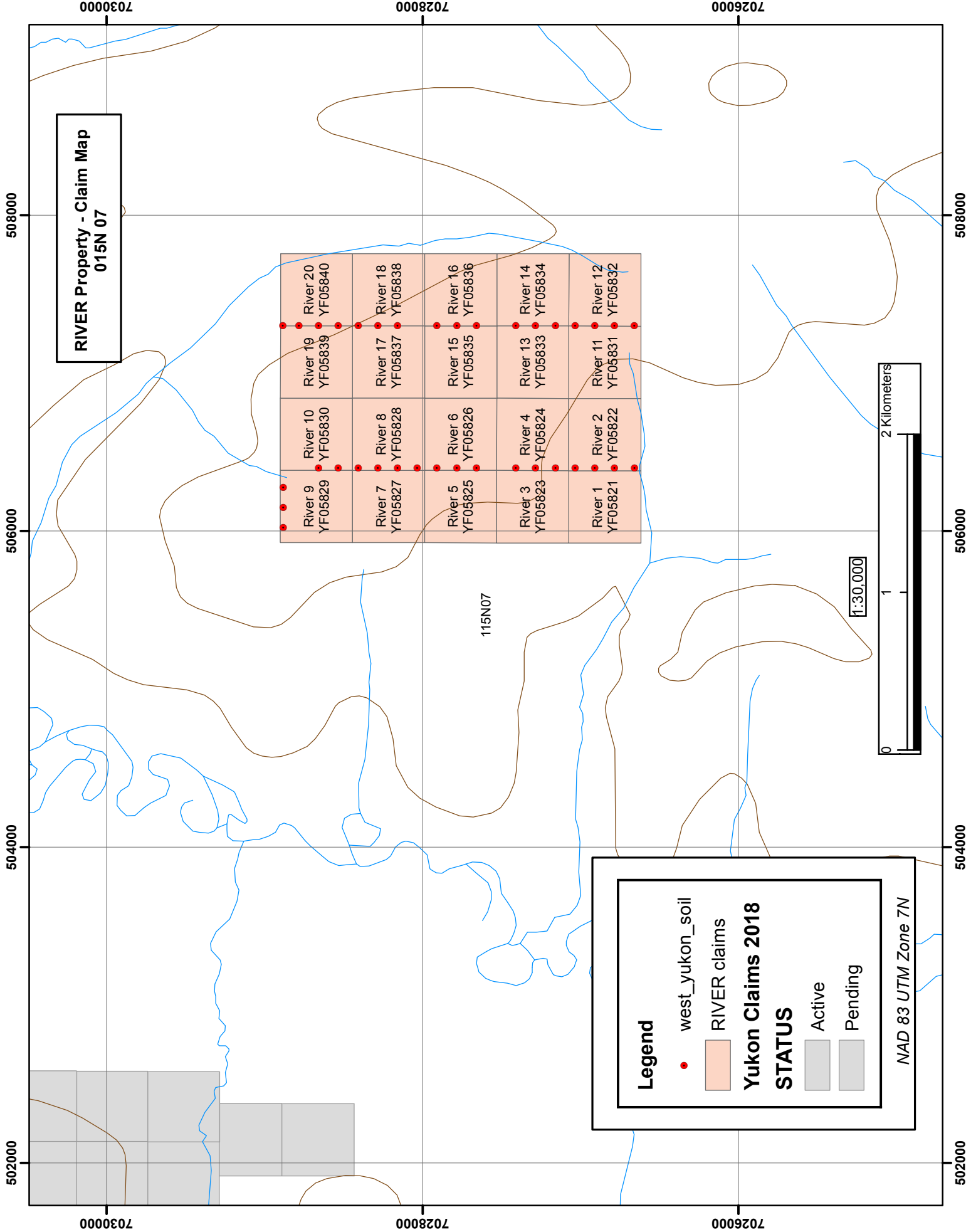
Allan MM, Hart CJR, and Mortensen JK (eds), 2012. Geological Map of the Dawson Range-White Gold Area, Yukon and East-Central Alaska, 1: 400,000, Mineral Deposit Research Unit, University of British Columbia.

Digital data as provided by the Yukon Geological Survey and government agencies, in particular:

- Deklerk, R. (compiler), 2003. Yukon MINFILE 2003 – A database of mineral occurrences. Yukon Geological Survey. And Yukon MINFILE, 2012. Yukon MINFILE – A database of mineral occurrences. Yukon Geological Survey, http://www.geology.gov.yk.ca/databases_gis.html
- Gordey, S.P., Makepeace, A.J., (compilers), , **2003-9(D)**, Open File (Geological - Bedrock); Yukon Digital Geology (version 2) Yukon Geological Survey.
- Mineral Claims (Yukon Mining Recorder) <http://www.yukonminingrecorder.ca/>
- Geomatics Yukon for regional shape file data: <http://geomaticsyukon.ca/data/datasets>
- Yukon Geological Survey. YGS Mapmaker online: <http://mapservices.gov.yk.ca/YGS/Load.htm>

YGS Related Reference No.	Document title	URL	pdf ID no.	in report
ARMC012777	Geology map - Rice Creek - Stewart River area	http://data.geology.gov.yk.ca/Reference/DownloadProduct/44395	012777	
ARMC012775	Aeromagnetic series - Map 4266G - Rice Creek with handdrawn geology markings	http://data.geology.gov.yk.ca/Reference/DownloadProduct/41039	012775	✓
ARMC012782	Air photo overlays - 115-N-7 - Rice Creek. Air photos no. 12267-75, 12043, 12267-90, 12043-55, 12267-88, 12267-76, 12267-79, 12267-77, 12043-378, 12267-94, 12043-320, 12043-375.	http://data.geology.gov.yk.ca/Reference/DownloadProduct/41174	012782	
ARMC012783	Air photo overlays with notes showing geology and geochemical - Rice Creek fly camp. Air photos no. 12267-78, 12267-89, 12267-88, 12043-54	http://data.geology.gov.yk.ca/Reference/DownloadProduct/41266	012783	
ARMC012779	Map of Rice Creek area with handwritten notations - Aeromagnetic series map 4266G. SILT SAMPLE LOCATION MAP.	http://data.geology.gov.yk.ca/Reference/DownloadProduct/41570	012779	
ARMC016709	Geology map - 115N/7 SAME MAP AS 012777 (B&W)	http://data.geology.gov.yk.ca/Reference/DownloadProduct/44078	016709	
ARMC012780	General geology map - Rice Creek area DETAILED MAP ICE CLAIMS AREA	http://data.geology.gov.yk.ca/Reference/DownloadProduct/47094	012780	
ARMC012776	Geology field sheet of Rice Creek area- Aeromagnetic series map 4266G OUTLINE OF MAG HIGHS	http://data.geology.gov.yk.ca/Reference/DownloadProduct/45509	012776	
ARMC012778	Geochemical field sheet of Rice Creek area - Aeromagnetic series map 4266G SILT SAMPLING RESULTS	http://data.geology.gov.yk.ca/Reference/DownloadProduct/45748	012778	✓

APPENDIX A – CLAIM MAP

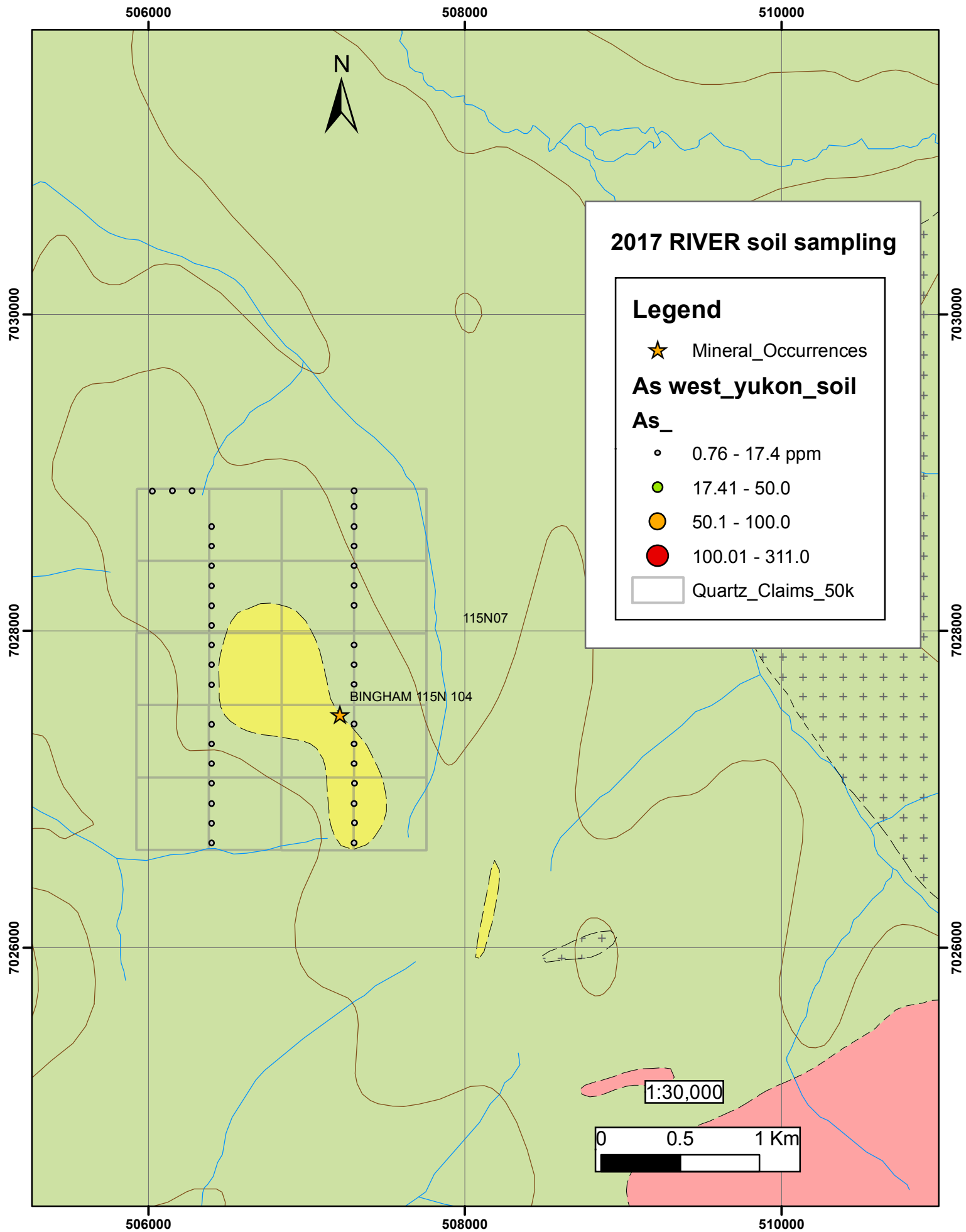


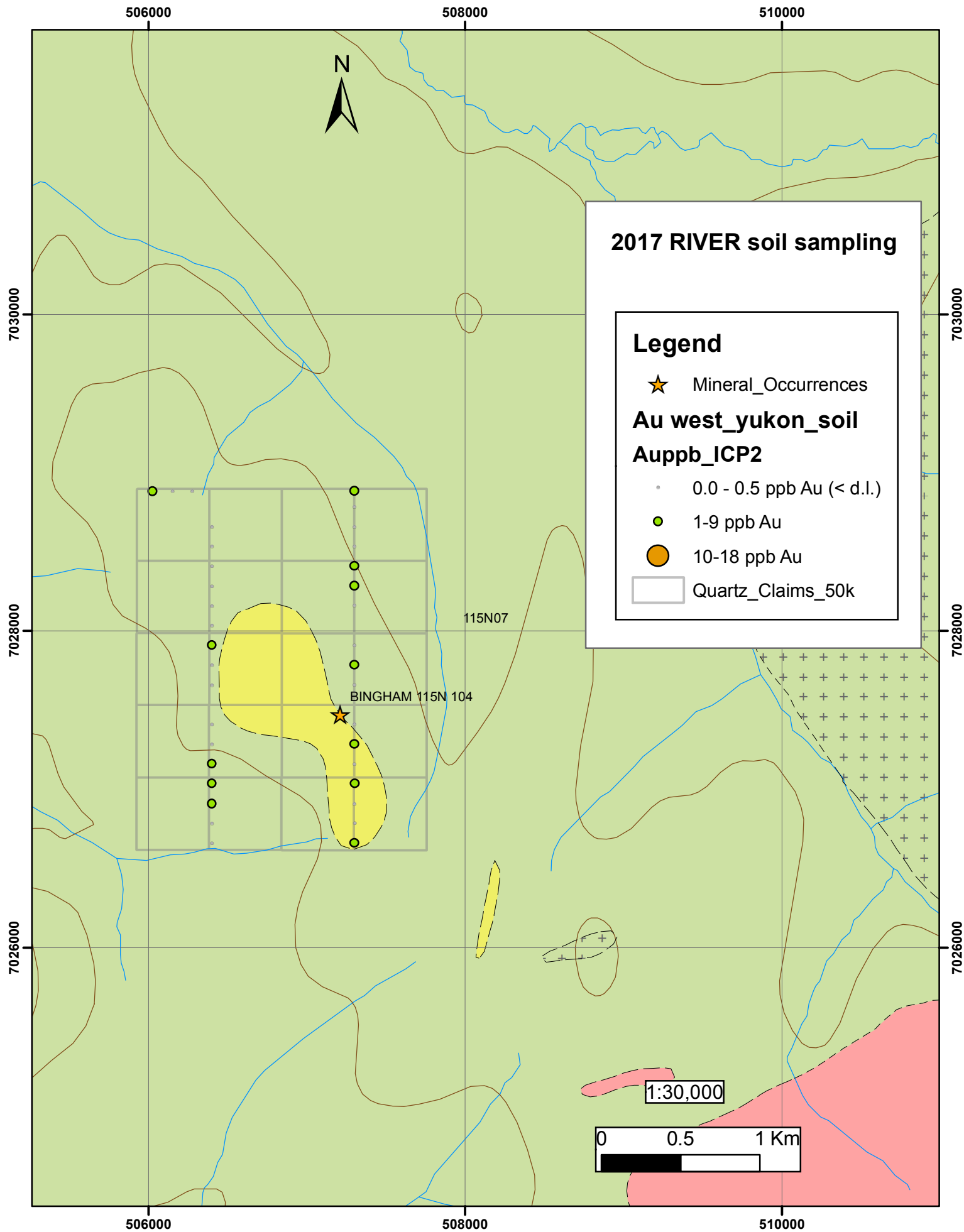
APPENDIX B – SAMPLE LOCATION DATA

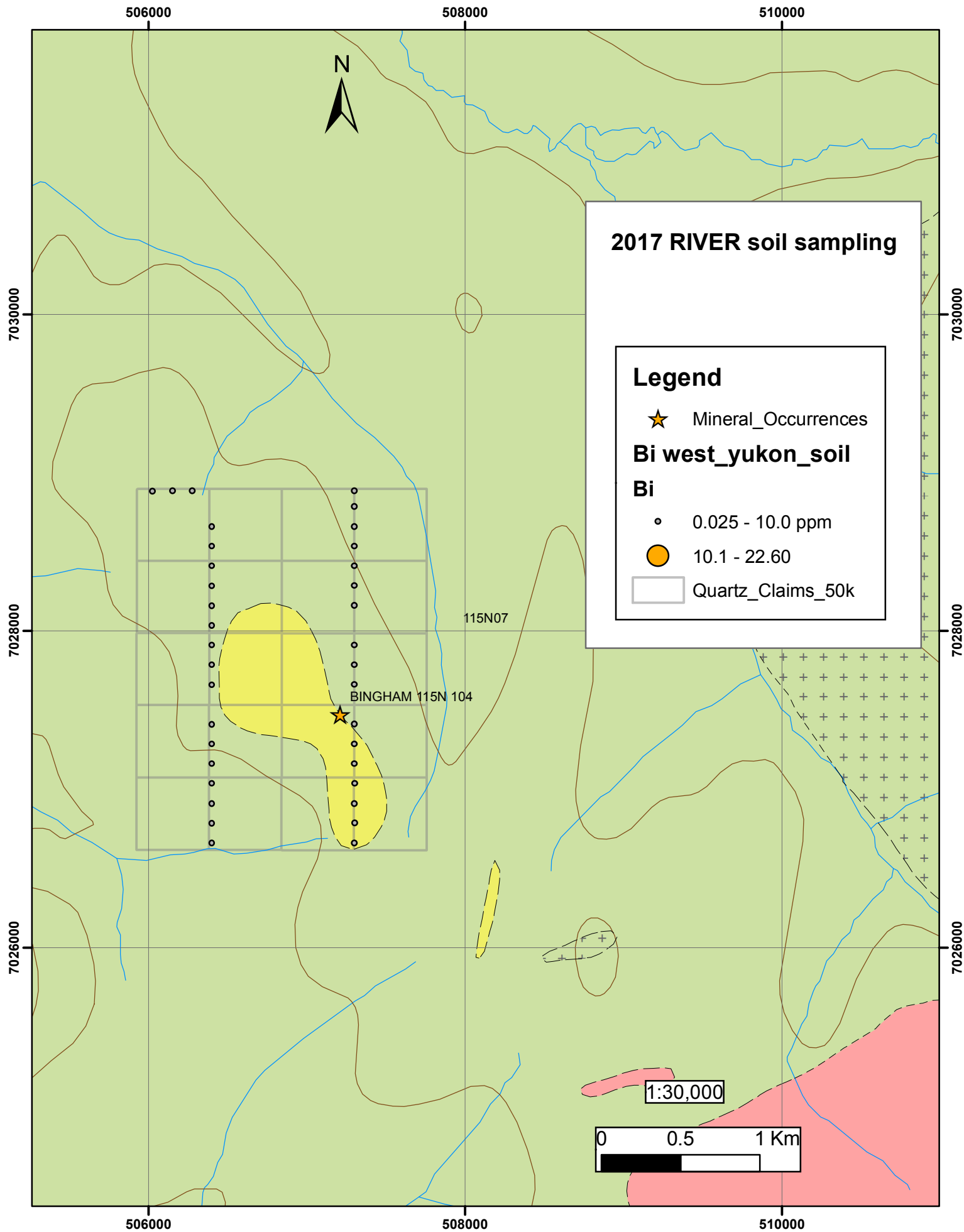
Sample	UTM E	UTM N
RIV 1	506402	7026659
RIV 2	506401	7026784
RIV 3	506402	7026909
RIV 4	506401	7027034
RIV 5	506401	7027159
RIV 6	506401	7027284
RIV 7	506401	7027409
RIV 9	506401	7027658
RIV 10	506401	7027784
RIV 11	506401	7027909
RIV 12	506401	7028034
RIV 13	506401	7028159
RIV 14	506401	7028283
RIV 15	506401	7028409
RIV 16	506401	7028534
RIV 17	506401	7028659
RIV 20	507301	7026660
RIV 21	507302	7026785

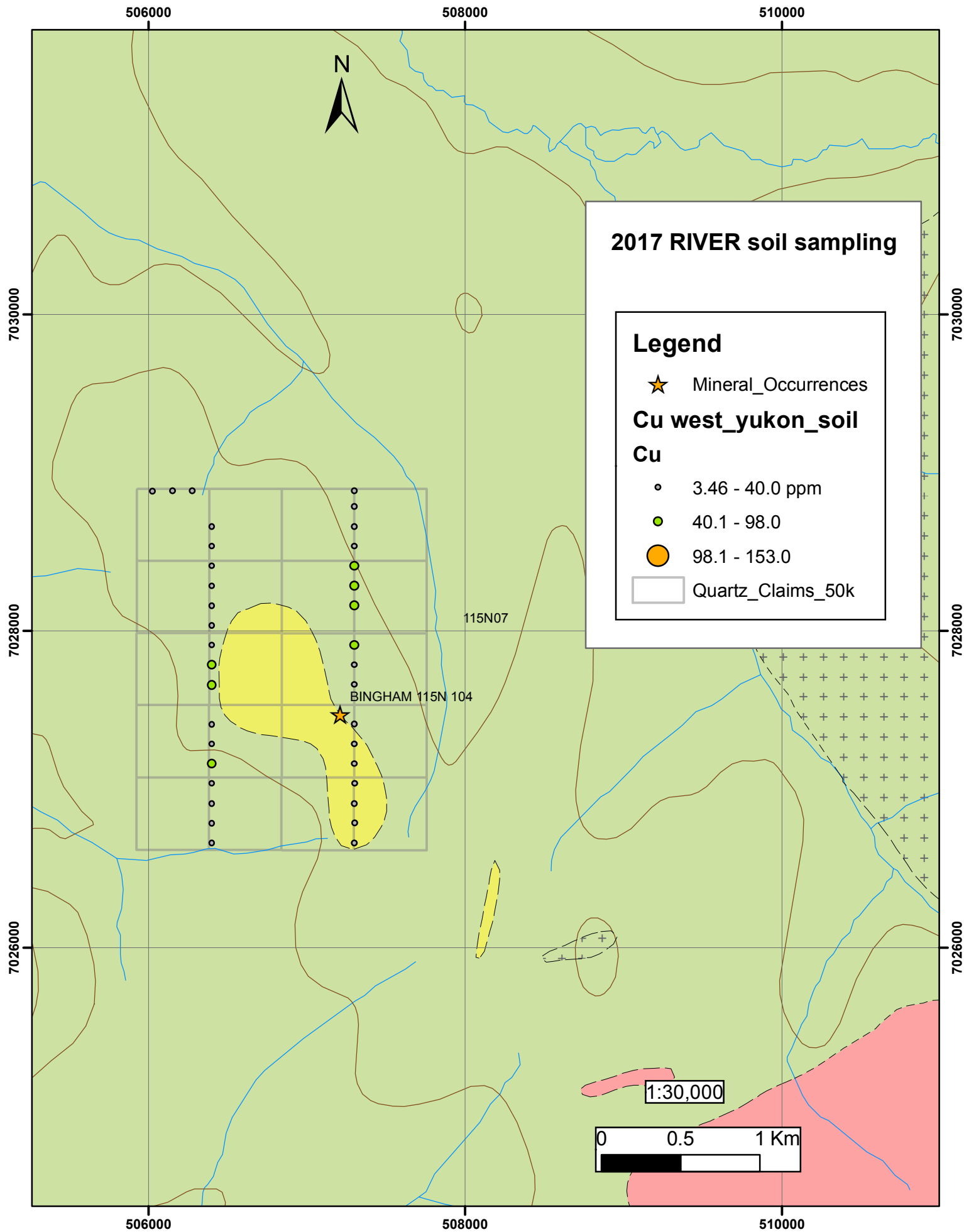
Sample	UTM E	UTM N
RIV 22	507301	7026909
RIV 23	507302	7027034
RIV 24	507301	7027159
RIV 25	507301	7027285
RIV 26	507301	7027410
RIV 28	507301	7027659
RIV 29	507301	7027784
RIV 30	507301	7027909
RIV 32	507301	7028160
RIV 33	507301	7028284
RIV 34	507301	7028409
RIV 35	507301	7028534
RIV 36	507301	7028659
RIV 37	507301	7028785
RIV 38	507301	7028885
RIV 39	506276	7028884
RIV 40	506151	7028884
RIV 41	506026	7028883

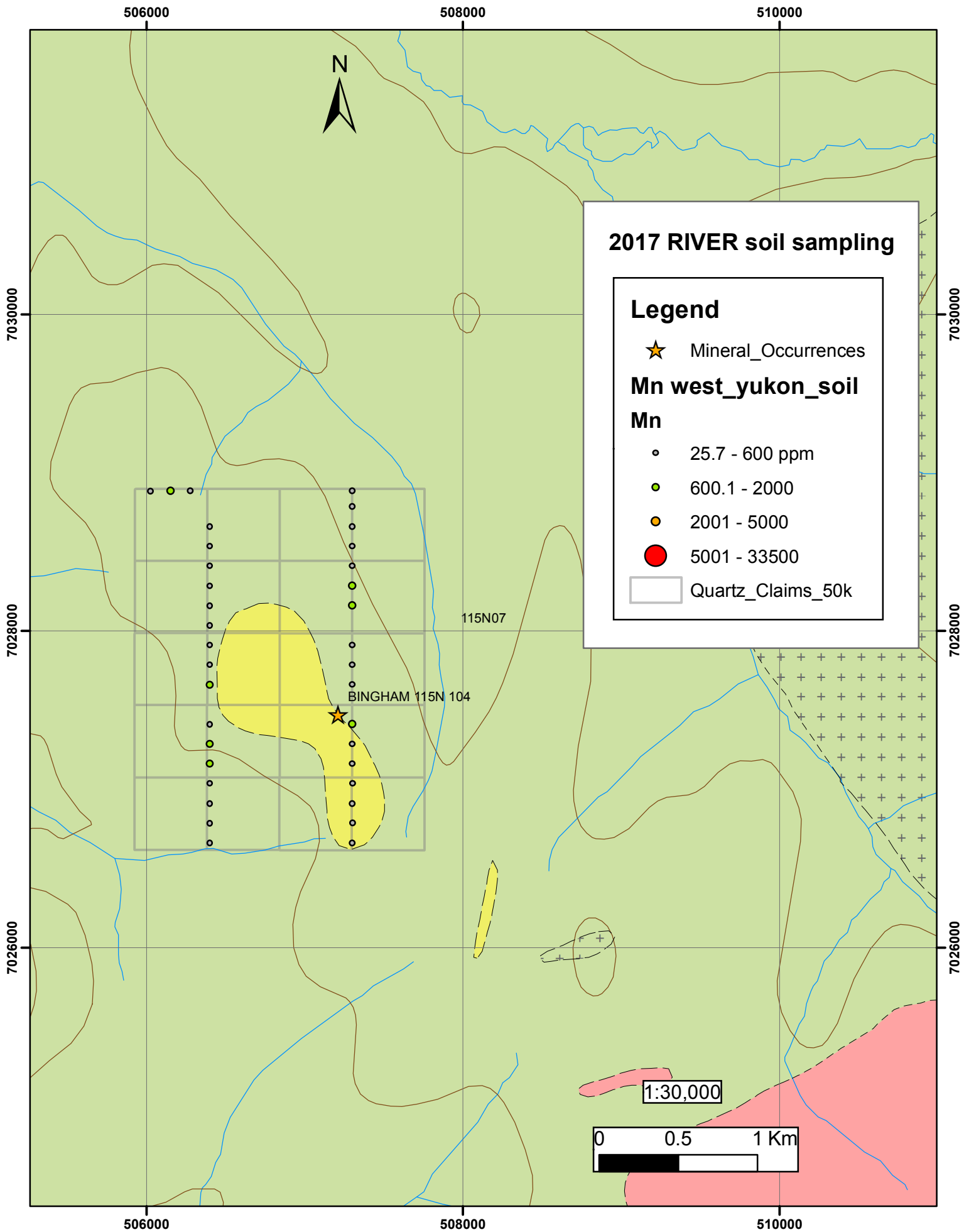
APPENDIX C – GEOCHEM MAPS

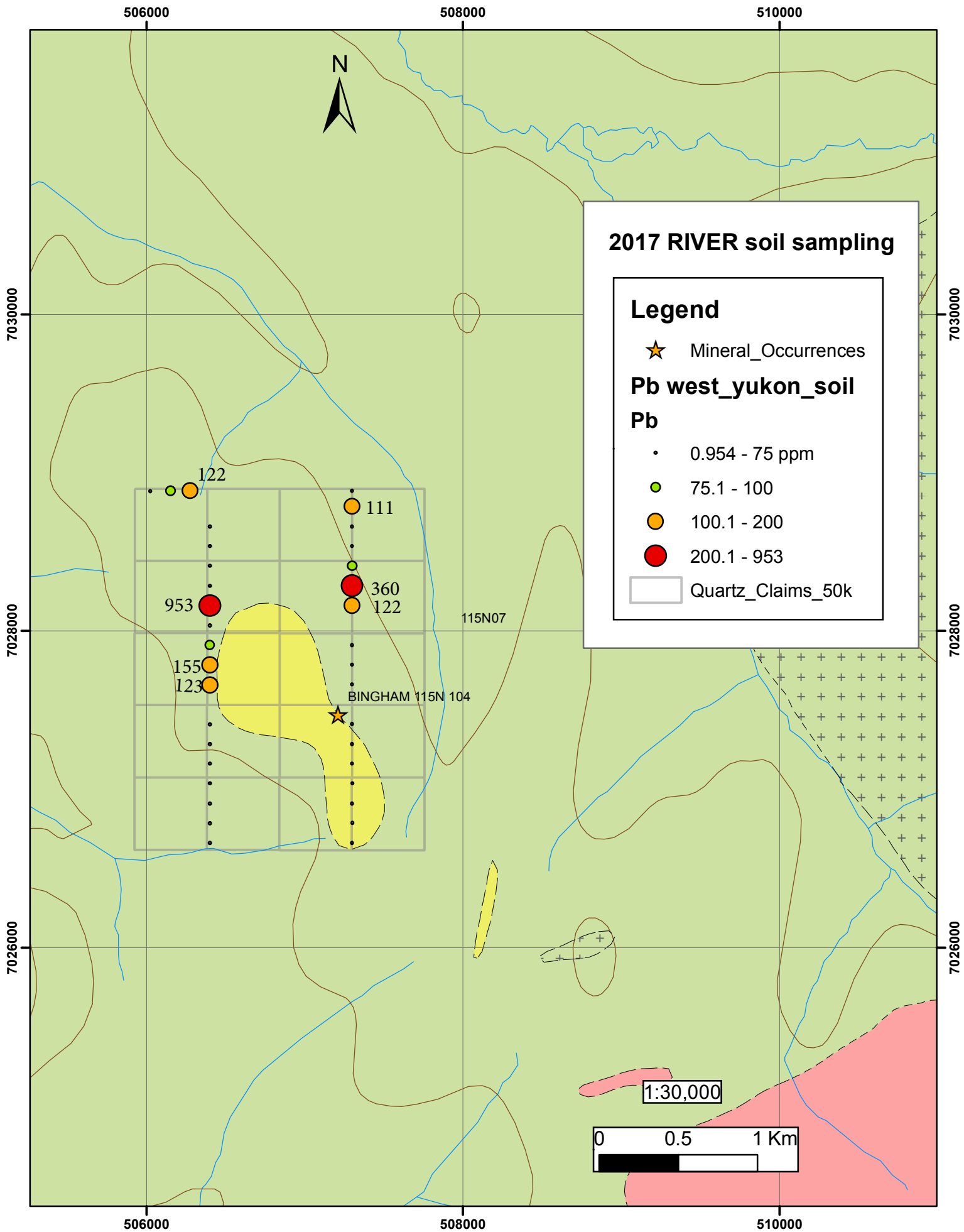


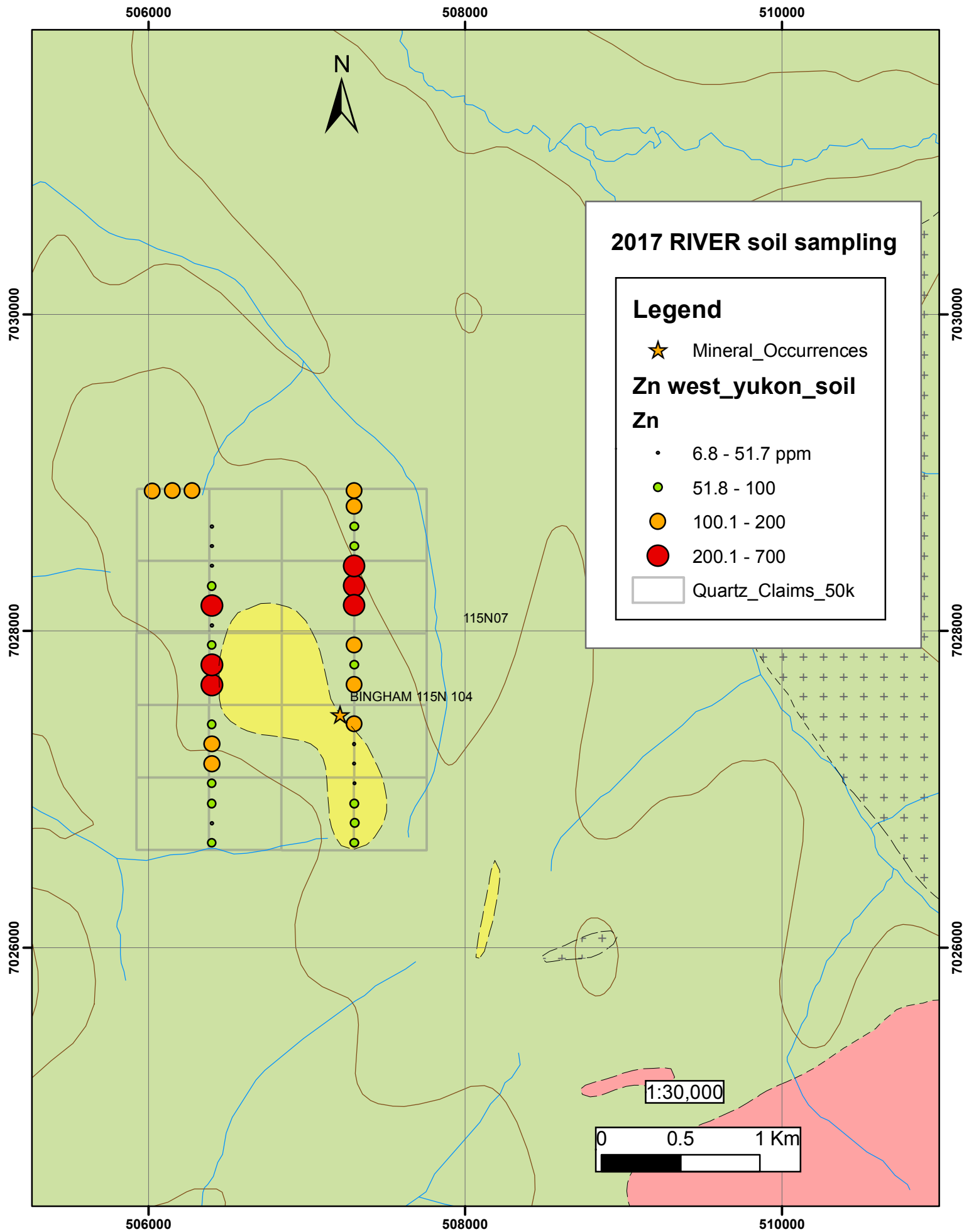












APPENDIX D – MINFILE DESCRIPTIONS



MINFILE DETAILS

Occurrence Number: 115N 104

Occurrence Name: BINGHAM

Occurrence Type: Hard-rock

Status: Unknown

Deposit Type(s): Plutonic Related Au

Location(s): 63°22'33" N - -140°51'21" W

NTS Mapsheet(s): 115N07

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Work History

Date	Work Type	Comment
12/31/1978	Geology	
12/31/1978	Other	

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012777	Geology map - Rice Creek - Stewart River area		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012775	Aeromagnetic series - Map 4266G - Rice Creek with handdrawn geology markings		Property File Collection	Geophysical Map
ARMC012782	Air photo overlays - 115-N-7 - Rice Creek. Air photos no. 12267-75, 12043, 12267-90, 12043-55, 12267-88, 12267-76, 12267-79, 12267-77, 12043-378, 12267-94, 12043-320, 12043-375.		Property File Collection	Geoscience Map (General)
ARMC012783	Air photo overlays with notes showing geology and geochemical - Rice Creek fly camp. Air photos no. 12267-78, 12267-89, 12267-88, 12043-54		Property File Collection	Geoscience Map (General)
ARMC012779	Map of Rice Creek area with handwritten notations - Aeromagnetic series map 4266G		Property File Collection	Geophysical Map
ARMC016709	Geology map - 115N/7		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012780	General geology map - Rice Creek area		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012776	Geology field sheet of Rice Creek area- Aeromagnetic series map 4266G		Property File Collection	Geophysical Map
ARMC012778	Geochemical field sheet of Rice Creek area - Aeromagnetic series map 4266G		Property File	Geochemical Map

Capsule

Work History

Staked within a group of 84 Ram claims, (staked non-sequentially, claim 804 = YA31126) in Jun/78 by Ocean Home Exploration Company Ltd (Inco Ltd & Kennco Explorations), which conducted mapping and geochem sampling later in the year.
Restaked as Bud cl 1-8 (YA64799) in Dec/81 by R.G. Hilker.

Capsule Geology

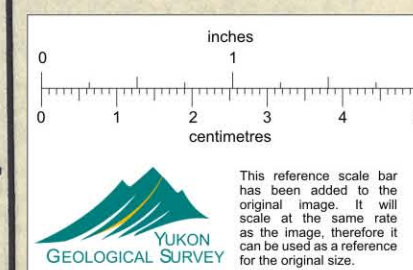
The claims are underlain by Klondike Schist in an area where felsic dykes are common.

References

Map Location

APPENDIX E – HISTORICAL MAPS FROM OCEAN HOME EXPLORATION LTD, 1970.

YGS Related Reference Nos: ARMC012775 and ARMC012778

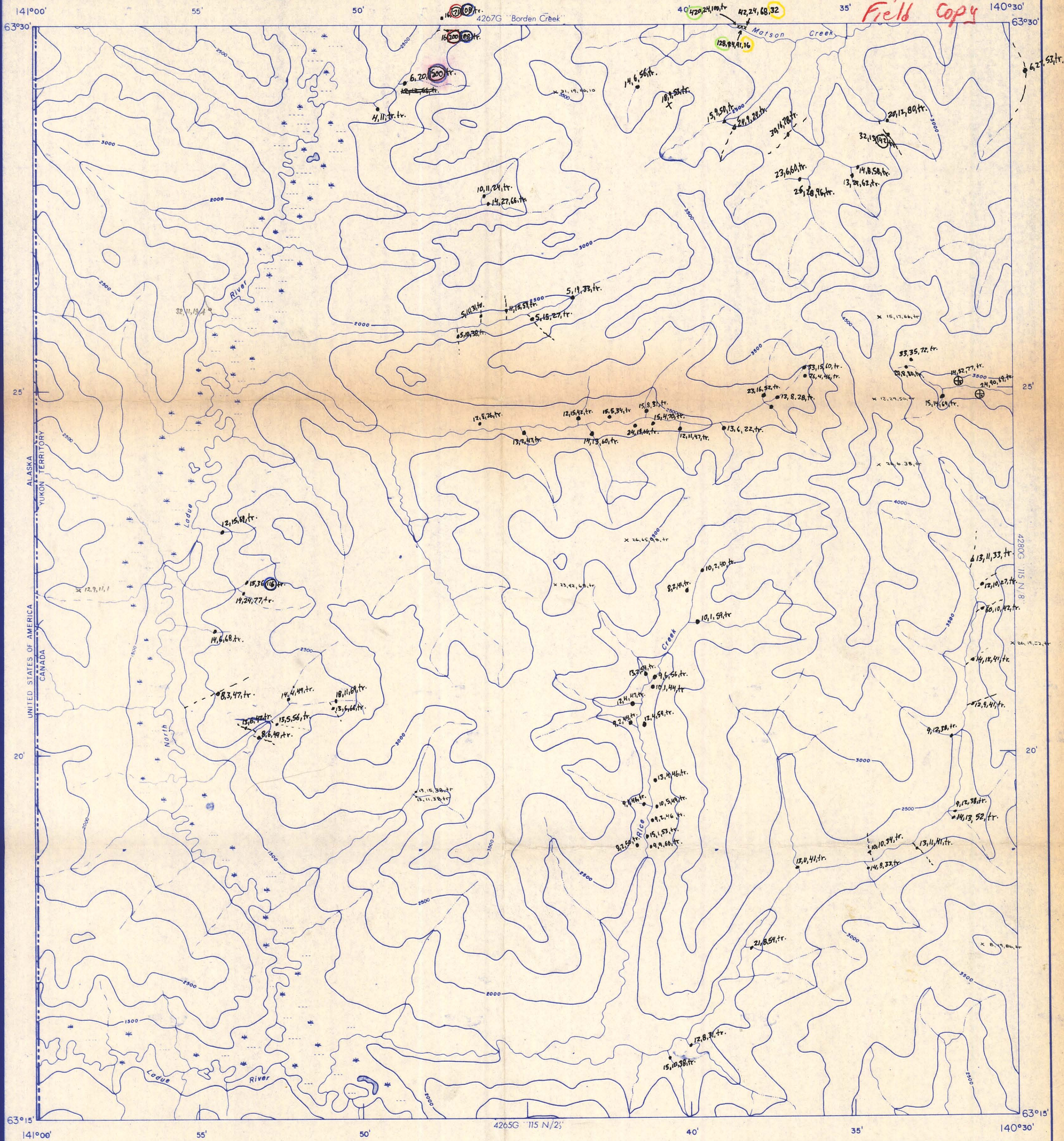


PUBLISHED 1966

Magnetic survey, July to October 1965 by Aero. Photo. Inc.

The magnetic data on this map were compiled from information recorded along the flight lines shown. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of the underlying rocks, and may be due to conditions near, or at unknown depths below the surface. High magnetic anomalies normally indicate

012775

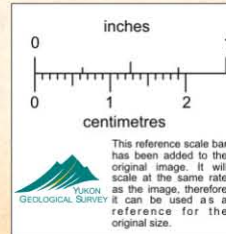
GEOCHEM
Field Copy

MAP 4266 G

RICE CREEK
YUKON TERRITORY

ISOMAGNETIC LINES (absolute total field)

500 gammas



Magnetic survey, July to October 1965 by Aero. Photo. Inc.

012778

The magnetic data on this map were recorded along the flight lines shown. The magnetic contours are dependent on the values of the underlying rocks, and may be due to variations in the magnetic field or to depths below the surface. High magnetic

APPENDIX F – ASSAY CERTIFICATES

WH17156970



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To: COUREUR DES BOIS
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WHITEHORSE YT Y1A 5T5

Page: 1
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
This copy reported on
23-OCT-2018
Account: COUDES

WH17156970

Project: YUKON 2017

P.O. No.: CDB2017-1

This report is for 126 Soil samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2017.

The following have access to data associated with this certificate:

DANIELE HEON

D. JACOB

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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WHITEHORSE YT Y1A 5T5

Page: 4 - A
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	WEI-21 Recvd WL kg	Au-ICP21 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
RIV 1		0.51	<0.001	0.0012	0.080	1.71	5.35	<10	120.0	0.41	0.193	0.57	0.105	26.4	9.71	32.2
RIV 2		0.38	<0.001	0.0009	0.099	1.54	6.38	<10	101.5	0.41	0.180	0.55	0.105	30.4	9.21	22.0
RIV 3		0.36	0.001	0.0004	0.131	1.61	5.33	<10	148.0	0.55	0.234	1.03	0.404	32.0	10.45	25.7
RIV 4		0.29	0.002	0.0008	0.205	1.62	3.87	<10	167.5	0.70	0.230	1.49	0.194	37.7	9.84	33.9
RIV 5		0.32	0.001	0.0014	0.211	2.15	5.14	<10	119.0	0.74	0.457	0.99	0.175	30.3	16.45	80.5
RIV 6		0.36	<0.001	0.0005	0.115	2.37	3.16	<10	85.8	0.68	0.271	0.47	0.105	18.05	15.50	110.5
RIV 7		0.44	<0.001	0.0002	0.150	1.75	4.60	<10	91.0	0.36	0.371	0.21	0.272	15.60	8.94	33.7
RIV 9		0.31	<0.001	0.0011	0.515	2.24	3.02	<10	151.0	0.87	0.841	1.12	1.420	31.0	16.05	169.0
RIV 10		0.38	<0.001	0.0011	0.576	2.51	6.03	<10	187.5	0.76	0.659	0.43	0.769	43.7	13.00	80.7
RIV 11		0.24	0.003	0.0008	0.814	1.28	2.72	<10	315	0.38	0.659	0.25	1.005	45.7	3.96	15.85
RIV 12		0.40	<0.001	<0.0002	0.158	0.68	2.44	<10	270	0.11	0.358	0.12	0.308	19.00	2.74	11.00
RIV 13		0.26	<0.001	<0.0002	0.764	1.64	2.63	<10	228	0.91	1.960	0.23	1.910	25.8	5.46	18.30
RIV 14		0.44	<0.001	0.0011	0.370	2.68	8.80	<10	265	0.63	0.210	0.15	0.246	19.75	9.50	32.3
RIV 15		0.40	<0.001	0.0005	0.136	1.86	7.31	<10	210	0.31	0.262	0.13	0.236	18.80	6.06	24.7
RIV 16		0.36	<0.001	0.0022	0.056	0.95	5.05	<10	81.9	0.17	0.295	0.07	0.125	36.0	2.57	14.50
RIV 17		0.26	<0.001	0.0003	0.322	0.39	1.68	<10	24.5	0.06	0.160	0.05	0.148	5.96	2.40	8.37
RIV 20		0.74	0.001	0.0011	0.153	1.97	5.91	<10	131.0	0.71	0.431	0.45	0.117	19.20	12.30	31.4
RIV 21		0.69	<0.001	0.0006	0.097	2.13	3.57	<10	123.5	0.69	0.186	0.79	0.072	26.7	14.35	58.6
RIV 22		0.82	<0.001	0.0008	0.042	2.16	4.95	<10	105.5	0.66	0.236	0.44	0.107	15.00	16.90	110.0
RIV 23		0.70	0.002	0.0016	0.027	2.72	7.08	<10	173.5	0.54	0.135	0.25	0.091	16.55	11.55	37.3
RIV 24		0.83	<0.001	0.0007	0.024	1.43	5.19	<10	171.5	0.49	0.273	0.16	0.017	41.8	8.86	16.85
RIV 25		0.78	0.001	0.0009	0.117	1.05	4.03	<10	58.7	0.46	0.363	0.14	0.086	43.6	6.98	17.50
RIV 26		0.65	<0.001	0.0012	0.045	2.83	8.05	<10	126.0	1.41	0.299	0.24	0.109	24.7	23.3	57.4
RIV 27 PERMAFROST	Empty Bag															
RIV 28		0.72	<0.001	0.0021	0.131	1.90	4.85	<10	85.8	0.37	0.283	0.41	0.129	28.1	8.89	34.0
RIV 29		0.80	0.001	0.0008	0.115	1.32	7.07	<10	85.9	0.31	0.315	0.25	0.208	28.4	8.40	25.7
RIV 30		0.78	<0.001	0.0004	0.041	2.74	3.09	<10	116.0	1.05	0.138	0.22	0.108	7.31	23.1	34.7
RIV 31	Empty Bag															
RIV 32		0.85	<0.001	0.0012	0.410	2.02	3.95	<10	134.0	0.72	0.753	0.55	0.948	30.4	11.75	89.1
RIV 33		0.75	0.001	0.0011	0.505	2.00	4.00	<10	105.0	0.86	1.225	0.50	1.575	37.3	7.45	61.9
RIV 34		0.62	0.001	0.0014	0.624	2.63	4.92	<10	144.0	1.27	1.045	0.49	0.872	39.4	13.35	86.2
RIV 35		0.66	<0.001	0.0007	0.124	1.98	8.03	<10	72.5	1.16	0.973	0.17	0.177	20.9	9.66	53.7



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Page: 4 - B
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	ME-MS41L Cs ppm 0.005	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.001	ME-MS41L Ga ppm 0.004	ME-MS41L Ge ppm 0.005	ME-MS41L Hf ppm 0.002	ME-MS41L Hg ppm 0.004	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.002	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 0.1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.001
RIV 1		0.819	18.70	2.46	5.74	0.070	0.082	0.034	0.015	0.06	12.60	14.5	0.84	273	0.84	0.025
RIV 2		1.725	22.4	2.40	5.17	0.084	0.061	0.009	0.015	0.28	14.50	8.9	1.01	579	1.08	0.031
RIV 3		1.530	33.3	2.41	5.27	0.087	0.072	0.024	0.017	0.20	16.20	11.8	0.92	540	0.90	0.033
RIV 4		1.565	35.2	2.33	4.78	0.090	0.069	0.046	0.017	0.16	22.6	13.1	0.92	396	1.15	0.027
RIV 5		3.80	43.6	3.25	6.12	0.103	0.068	0.024	0.024	0.49	16.40	21.8	1.84	820	1.31	0.023
RIV 6		4.02	29.6	3.22	7.77	0.080	0.041	0.016	0.014	0.30	9.96	24.0	2.34	703	1.11	0.018
RIV 7		2.46	23.7	2.46	6.23	0.050	0.051	0.012	0.016	0.07	8.04	17.4	1.16	337	1.28	0.013
RIV 9		3.27	40.3	2.75	7.23	0.114	0.047	0.050	0.019	0.12	16.00	29.5	2.11	988	1.88	0.024
RIV 10		1.940	45.1	3.03	7.77	0.102	0.072	0.028	0.034	0.11	25.4	18.0	1.22	589	1.92	0.022
RIV 11		1.430	33.0	1.360	4.48	0.060	0.011	0.053	0.012	0.10	25.5	6.2	0.35	237	2.57	0.018
RIV 12		0.184	8.05	1.160	3.58	0.029	0.018	0.020	0.009	0.07	8.90	4.1	0.16	197.0	2.14	0.015
RIV 13		1.120	14.80	1.850	5.90	0.036	0.023	0.031	0.019	0.08	14.35	15.5	0.46	470	1.96	0.021
RIV 14		1.125	19.55	3.13	7.38	0.042	0.108	0.024	0.030	0.04	9.81	13.0	0.41	236	1.67	0.018
RIV 15		0.794	12.20	2.77	8.55	0.046	0.052	0.137	0.021	0.04	9.70	11.3	0.31	170.0	1.86	0.015
RIV 16		0.815	15.65	1.900	4.88	0.045	0.022	0.014	0.014	0.04	20.4	6.5	0.14	82.6	3.32	0.012
RIV 17		0.460	11.50	1.260	3.50	0.021	0.004	0.024	0.006	0.03	3.29	1.1	0.07	70.9	1.50	0.022
RIV 20		2.15	36.7	2.68	7.34	0.042	0.038	0.013	0.020	0.06	9.11	16.9	1.06	442	1.02	0.015
RIV 21		3.46	21.1	3.05	6.87	0.071	0.040	0.027	0.017	0.08	14.15	16.2	1.76	513	0.74	0.013
RIV 22		2.06	31.2	3.02	6.89	0.047	0.066	0.012	0.017	0.05	7.64	22.6	1.42	331	0.82	0.008
RIV 23		1.945	21.2	3.33	7.19	0.043	0.301	0.017	0.032	0.04	7.84	13.3	0.55	259	0.90	0.015
RIV 24		3.10	17.55	1.730	3.97	0.043	0.085	0.009	0.012	0.07	19.30	9.7	0.49	389	0.72	0.008
RIV 25		5.41	25.9	1.700	3.28	0.046	0.050	0.012	0.012	0.11	27.7	8.9	0.52	364	1.40	0.009
RIV 26		2.72	24.5	4.20	8.28	0.070	0.245	0.018	0.029	0.12	11.30	26.8	1.56	792	1.50	0.013
RIV 27 PERMAFROST																
RIV 28		4.05	13.50	2.48	6.50	0.092	0.040	0.021	0.018	0.36	14.55	14.7	1.52	261	0.88	0.018
RIV 29		0.964	16.50	2.34	4.71	0.060	0.020	0.030	0.017	0.05	14.65	8.7	0.57	187.5	0.87	0.015
RIV 30		6.21	56.0	5.42	8.82	0.139	0.040	<0.004	0.015	1.08	3.84	22.2	2.44	537	0.72	0.008
RIV 31																
RIV 32		2.41	42.2	2.52	6.62	0.087	0.040	0.030	0.024	0.10	15.55	20.6	1.47	606	1.56	0.020
RIV 33		3.94	49.2	2.20	6.67	0.078	0.083	0.021	0.022	0.10	20.3	26.9	1.69	643	1.56	0.013
RIV 34		4.44	56.5	2.97	8.16	0.106	0.092	0.042	0.033	0.21	19.55	31.6	1.56	515	1.10	0.020
RIV 35		0.812	14.35	2.67	6.70	0.050	0.345	0.022	0.026	0.11	9.93	16.6	0.68	243	1.23	0.014



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Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	ME-MS41L Nb ppm 0.002	ME-MS41L Ni ppm 0.04	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.005	ME-MS41L Pd ppm 0.001	ME-MS41L Pt ppm 0.002	ME-MS41L Rb ppm 0.005	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.005	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.01	ME-MS41L Sr ppm 0.01	ME-MS41L Ta ppm 0.005
RIV 1		1.605	20.1	0.049	16.00	0.001	<0.002	9.52	<0.001	<0.01	0.316	3.80	0.3	0.55	50.5	<0.005
RIV 2		1.650	17.60	0.026	21.7	<0.001	<0.002	30.3	<0.001	<0.01	0.223	2.99	0.2	0.57	46.6	<0.005
RIV 3		1.830	22.5	0.037	22.2	<0.001	<0.002	25.6	<0.001	0.02	0.254	3.64	0.5	0.55	94.2	<0.005
RIV 4		1.520	22.1	0.064	22.5	0.001	<0.002	24.9	<0.001	0.07	0.349	4.12	0.7	0.45	91.5	<0.005
RIV 5		1.990	34.1	0.045	31.6	0.002	<0.002	55.3	<0.001	0.05	0.268	5.34	0.6	0.52	50.2	<0.005
RIV 6		1.620	35.1	0.027	21.6	<0.001	<0.002	36.3	<0.001	<0.01	0.240	5.93	0.2	0.81	34.4	<0.005
RIV 7		1.195	18.00	0.016	48.0	0.001	<0.002	16.00	<0.001	<0.01	0.468	4.25	0.2	0.85	21.7	<0.005
RIV 9		2.05	64.5	0.073	123.5	<0.001	<0.002	26.8	<0.001	0.05	0.303	6.05	0.8	0.70	65.8	<0.005
RIV 10		3.06	32.9	0.044	155.5	<0.001	<0.002	18.05	<0.001	0.02	0.311	5.62	0.4	1.08	38.5	<0.005
RIV 11		1.140	12.30	0.053	91.9	<0.001	<0.002	16.20	<0.001	0.06	0.166	1.885	0.5	0.53	35.6	<0.005
RIV 12		0.942	6.59	0.019	35.1	<0.001	<0.002	6.06	<0.001	0.01	0.193	1.125	0.1	0.40	24.8	<0.005
RIV 13		1.890	11.40	0.028	953	<0.001	<0.002	9.70	<0.001	0.01	0.306	2.03	0.2	0.75	43.9	<0.005
RIV 14		1.710	20.3	0.021	51.0	<0.001	<0.002	10.05	<0.001	0.01	0.575	3.40	0.3	0.70	24.8	0.009
RIV 15		1.625	14.00	0.014	66.3	<0.001	<0.002	8.76	<0.001	0.01	0.437	2.61	0.2	0.83	21.3	<0.005
RIV 16		0.991	7.94	0.023	60.2	<0.001	<0.002	8.25	<0.001	0.02	0.411	1.070	0.2	0.41	22.9	<0.005
RIV 17		0.479	4.20	0.021	36.8	<0.001	<0.002	2.20	<0.001	0.02	0.138	0.515	0.3	0.32	6.67	<0.005
RIV 20		1.595	26.4	0.029	37.5	<0.001	<0.002	20.3	<0.001	0.01	0.197	3.09	0.3	0.75	56.1	<0.005
RIV 21		0.973	21.8	0.140	15.20	<0.001	<0.002	12.30	<0.001	0.01	0.158	5.20	0.2	0.38	64.2	<0.005
RIV 22		1.240	35.3	0.101	8.90	<0.001	<0.002	10.95	<0.001	<0.01	0.192	4.17	0.2	0.46	38.5	<0.005
RIV 23		1.225	21.7	0.018	18.00	<0.001	0.002	9.02	<0.001	<0.01	0.318	4.02	0.3	0.58	32.5	<0.005
RIV 24		1.260	19.05	0.020	15.50	<0.001	<0.002	13.10	<0.001	0.01	0.184	2.64	0.3	0.31	16.30	<0.005
RIV 25		0.790	13.05	0.036	27.2	<0.001	0.002	18.65	<0.001	<0.01	0.163	2.16	0.3	0.29	12.05	<0.005
RIV 26		1.835	29.0	0.039	17.30	<0.001	<0.002	16.10	<0.001	0.04	0.406	4.93	0.4	0.75	40.6	<0.005
RIV 27 PERMAFROST																
RIV 28		2.62	21.8	0.060	24.5	0.001	<0.002	36.6	<0.001	0.02	0.231	3.71	0.3	0.71	29.4	<0.005
RIV 29		1.580	16.30	0.050	20.5	0.001	0.002	11.10	<0.001	0.03	0.229	2.62	0.3	0.45	24.3	<0.005
RIV 30		0.457	20.3	0.044	11.40	0.002	<0.002	84.0	<0.001	0.04	0.167	3.67	0.3	0.53	43.2	<0.005
RIV 31																
RIV 32		2.20	36.9	0.060	122.0	0.001	<0.002	20.2	<0.001	0.02	0.235	5.03	0.5	0.74	41.6	<0.005
RIV 33		2.17	25.0	0.044	360	0.004	<0.002	18.45	<0.001	<0.01	0.235	4.12	0.4	0.74	44.3	0.005
RIV 34		3.63	33.3	0.043	95.9	0.005	0.002	37.2	<0.001	0.01	0.271	5.38	0.4	1.12	33.8	<0.005
RIV 35		7.94	24.4	0.018	46.4	<0.001	0.003	14.55	<0.001	0.04	0.318	3.11	0.2	2.68	23.7	0.006



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To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: 4 - D
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.01	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.01
RIV 1		0.02	5.53	0.121	0.076	1.565	56.9	0.289	5.75	59.3
RIV 2		0.02	7.85	0.130	0.179	1.405	38.9	0.220	5.84	46.2
RIV 3		0.05	6.88	0.122	0.153	2.23	41.7	0.144	8.92	55.5
RIV 4		0.03	3.91	0.090	0.170	3.14	40.6	0.177	15.30	64.5
RIV 5		0.05	7.60	0.150	0.386	2.50	49.7	0.203	8.69	103.5
RIV 6		0.05	4.54	0.180	0.277	0.657	62.5	0.306	4.34	112.5
RIV 7		0.02	7.72	0.096	0.134	0.980	62.0	0.295	3.97	84.6
RIV 9		0.06	4.23	0.118	0.249	2.13	53.0	0.347	9.39	324
RIV 10		0.08	6.22	0.148	0.175	1.890	66.6	0.305	13.90	270
RIV 11		0.06	3.16	0.056	0.130	4.37	20.5	0.143	9.29	89.0
RIV 12		0.03	5.28	0.051	0.057	0.608	30.9	0.132	1.545	30.5
RIV 13		0.21	6.73	0.059	0.128	0.932	49.5	0.381	3.91	342
RIV 14		0.04	5.92	0.103	0.131	0.777	79.5	0.180	3.50	58.7
RIV 15		0.03	5.04	0.109	0.110	0.537	82.1	0.134	2.52	40.8
RIV 16		0.04	4.32	0.047	0.065	0.836	40.0	0.247	2.22	40.0
RIV 17		0.01	0.110	0.046	0.030	0.270	31.6	0.142	0.911	27.9
RIV 20		0.07	5.64	0.116	0.142	0.955	54.1	0.217	4.83	95.2
RIV 21		0.04	5.37	0.115	0.103	1.540	59.8	0.148	7.89	71.2
RIV 22		0.04	2.68	0.127	0.091	0.393	63.8	0.218	4.30	76.6
RIV 23		0.04	2.55	0.118	0.079	0.473	82.3	0.154	4.35	49.6
RIV 24		0.01	17.50	0.054	0.116	0.977	28.8	0.131	8.67	26.5
RIV 25		0.03	17.70	0.065	0.113	2.42	28.4	0.094	7.32	40.6
RIV 26		0.06	7.76	0.190	0.162	1.705	81.6	0.312	6.38	101.0
RIV 27 PERMAFROST										10.15
RIV 28		0.04	9.17	0.184	0.322	1.810	50.2	0.270	6.96	106.0
RIV 29		0.07	3.79	0.103	0.093	1.400	53.9	0.185	6.37	68.5
RIV 30		0.07	2.60	0.227	0.612	1.400	147.5	0.059	2.87	106.0
RIV 31										
RIV 32		0.07	5.57	0.125	0.176	2.32	57.0	0.282	11.55	308
RIV 33		0.15	14.25	0.118	0.169	1.530	39.4	0.302	13.25	700
RIV 34		0.11	8.54	0.147	0.338	2.54	64.2	0.420	24.1	297
RIV 35		0.14	11.20	0.127	0.140	1.050	66.0	0.843	7.91	77.6



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To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: 5 - A
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.001	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.01	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.01	ME-MS41L Bi ppm 0.001	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.001	ME-MS41L Ce ppm 0.003	ME-MS41L Co ppm 0.001	ME-MS41L Cr ppm 0.01
RIV 36		0.70	<0.001	0.0006	0.174	1.91	4.35	<10	130.0	0.50	0.455	0.39	0.166	19.75	10.30	81.5
RIV 37		0.60	<0.001	0.0011	0.472	2.27	3.91	<10	157.0	0.83	0.647	0.52	0.390	28.3	14.80	117.5
RIV 38		0.75	0.002	0.0005	0.128	1.87	3.60	<10	105.5	0.54	0.628	0.45	0.405	23.3	12.15	118.0
RIV 39		0.29	<0.001	0.0006	0.528	1.04	2.21	<10	65.9	0.41	1.005	0.30	0.403	30.3	5.93	19.40
RIV 40		0.30	<0.001	0.0003	0.287	2.17	2.88	<10	107.0	0.81	0.947	0.44	0.342	26.9	17.05	20.9
RIV 41		0.42	0.004	0.0016	0.082	2.18	6.77	<10	130.0	0.72	0.156	0.33	0.160	37.8	11.75	42.1



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To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: 5 - B
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01	% 0.001
RIV 36		1.825	19.15	2.21	6.22	0.053	0.079	0.021	0.019	0.07	10.00	14.7	0.98	275	1.04	0.018
RIV 37		2.88	39.4	2.56	7.42	0.084	0.055	0.025	0.025	0.11	14.25	20.7	1.20	587	1.70	0.023
RIV 38		1.715	24.0	2.20	5.71	0.075	0.097	0.014	0.022	0.07	12.20	22.1	1.24	288	0.66	0.020
RIV 39		2.22	15.10	1.290	4.39	0.046	0.019	0.033	0.015	0.11	16.40	13.6	0.63	217	1.00	0.015
RIV 40		6.30	35.8	3.28	6.87	0.068	0.035	0.015	0.014	0.51	15.35	29.9	1.88	645	1.75	0.012
RIV 41		2.98	31.5	2.86	6.56	0.073	0.128	0.035	0.022	0.12	20.2	19.4	1.08	396	1.04	0.016



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To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: 5 - C
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
		ppm 0.002	ppm 0.04	% 0.001	ppm 0.005	ppm 0.001	ppm 0.002	ppm 0.005	ppm 0.001	% 0.01	ppm 0.005	ppm 0.005	ppm 0.1	ppm 0.01	ppm 0.01	ppm 0.005
RIV 36		1.625	32.1	0.036	26.1	0.002	0.002	15.50	<0.001	<0.01	0.211	3.20	0.2	0.53	29.8	<0.005
RIV 37		1.895	42.8	0.046	111.0	0.002	0.002	26.3	<0.001	0.01	0.252	4.10	0.7	0.71	34.0	<0.005
RIV 38		1.760	40.7	0.037	67.2	0.002	<0.002	14.05	<0.001	<0.01	0.209	3.13	0.4	0.61	31.4	<0.005
RIV 39		1.365	13.50	0.036	122.0	0.001	<0.002	28.0	<0.001	0.03	0.139	1.655	0.4	0.45	23.5	<0.005
RIV 40		1.815	17.10	0.053	84.6	0.001	<0.002	60.7	<0.001	0.02	0.180	4.39	0.3	0.52	46.6	<0.005
RIV 41		1.980	25.2	0.034	25.2	0.003	0.002	21.7	<0.001	<0.01	0.420	3.86	0.5	0.61	27.1	<0.005



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To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: 5 - D
Total # Pages: 5 (A - D)
Plus Appendix Pages
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm 0.01	ppm 0.002	% 0.001	ppm 0.002	ppm 0.005	ppm 0.1	ppm 0.001	ppm 0.003	ppm 0.1	ppm 0.01
RIV 36		0.06	3.36	0.123	0.145	1.020	54.8	0.249	6.67	84.5	3.14
RIV 37		0.11	3.50	0.127	0.198	1.620	58.5	0.302	12.10	163.5	2.44
RIV 38		0.12	3.41	0.121	0.126	0.916	50.1	0.218	7.76	158.0	3.96
RIV 39		0.08	4.17	0.093	0.204	1.835	24.2	0.178	4.35	103.5	0.66
RIV 40		0.10	7.84	0.175	0.579	1.455	59.4	0.290	5.47	180.0	1.59
RIV 41		0.04	13.40	0.162	0.294	2.13	55.3	0.322	9.51	115.5	6.77



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To: COUREUR DES BOIS
3 RYDER PLACE
WHITEHORSE YT Y1A 5T5

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 5-SEP-2017
Account: COUDES

Project: YUKON 2017

CERTIFICATE OF ANALYSIS WH17156970

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41L