

**2016 Assessment Report**  
**Prospecting and Geochemical Sampling on the**  
**Carter Claims**

McClintock River area, north of Marsh Lake; NTS 1151 09

Location: Latitude 60° 37' 52.90" N and Longitude 134° 16' 26.18" W

Mining District: Whitehorse

Yukon Territory



By Nicolai Goepfel

November 11, 2016

Year One Total Expenditures: \$6065.28

**TABLE OF CONTENTS**

**INTRODUCTION ..... 3**

**LOCATION AND ACCESS ..... 3**

**PREVIOUS HISTORY..... 4**

**REGIONAL GEOLOGY..... 5**

**2016 EXPLORATION ..... 5**

**EXPENDITURES ..... 6**

**CONCLUSION AND RECOMMENDATIONS ..... 7**

**STATEMENT OF QUALIFICATIONS ..... 8**

**REFERENCE ..... 8**

**APPENDIX ..... 9**

**APPENDIX II ..... 17**

## **Introduction**

The Carter claims lie east side of the McClintock River where it enters Marsh Lake, approximately 45km southeast of Whitehorse, Yukon (Figure 1 &2). The 24 Carter claims are in good standing and currently held by the author, Nicolai Goeppel. The claim block was staked in fall of 2015 as part of a Target Regional Yukon Mineral Exploration Program (YMEP) program.

Prospecting by Brian Carter in the 90s produced some of the first visible gold showings in the area returning assays as high as 4.54 ounces per ton (141.42g/t). Other assays produced values of 1.036 ounces per ton (32.27g/t) with multiple samples over 1 gram per ton gold and others with several hundred ppb. The highest values were produced from angular quartz float up to 61cm thick and 91cm long. After several years of prospecting the area Brian transferred the claims to fellow prospector Ron Berdahl who continued exploration. This included soil sampling, prospecting, and geophysics. The highest values included 0.8 ounces per ton (24.92 g/t). Currently no definite source has been identified.

The claims overlay the Upper Triassic Stikina terrane and Jurassic rocks of the Whitehorse trough in a thrust contact with Mid Triassic Cache Creek ophiolitic terrane to the east. The sequence is intruded by a Cretaceous granodiorite pluton and Paleocene rhyolitic dikes. A significant aeromagnetic linear low is observed down ice and proximal to high grade float. The anomaly dissects the Cretaceous intrusion continues perpendicularly through nearby thrust fault contact.

Based on the geology, known mineralization in the region, and on values returned from previous exploration; Au may originate from mesothermal fluids and listwanite associated mineralization typical of the Cache Creek terrane, from intrusion related fluids (Whitehorse Cu belt), or as part of an epithermal system similar to Mount Skukum.

The 2016 exploration program consisted of a 2 day 4 person heli-supported prospecting program. The purpose of this report is to summarize 2016 assessment work on the Carter Claims. Total expenditures in 2016 was \$6065.28.

## **Location and Access**

The Carter Claims are located in central Yukon, in the Whitehorse Mining District, and NTS map sheet 105D 09. The project is centered on latitude 60° 37' 52.90" N and longitude 134° 16' 26.18" W. The project lies approximately 45 km south of Whitehorse and approximately 13 km north of the Alaska Highway and power (Figures 1 and 2). The nearest vehicle accessible road lies 3.5 km west of the claim block. Helicopter access from Whitehorse is typically 0.5 hour one way. Nearby infrastructure makes for cost-effective exploration on the property and good feasibility if any significant discoveries are made. Claim details are listed below.

District	GrantNumber	ClaimName	ClaimNbr	Claim Owner	StakingDate	ClaimExpiryDa	Status	NTS Map#	Ops Number
Whitehorse	YF47251	CARTER	1	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427310
Whitehorse	YF47252	CARTER	2	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427311
Whitehorse	YF47253	CARTER	3	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427312
Whitehorse	YF47254	CARTER	4	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427313
Whitehorse	YF47255	CARTER	5	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427314
Whitehorse	YF47256	CARTER	6	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427315
Whitehorse	YF47257	CARTER	7	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427316
Whitehorse	YF47258	CARTER	8	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427317
Whitehorse	YF47259	CARTER	9	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427318
Whitehorse	YF47260	CARTER	10	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427319
Whitehorse	YF47261	CARTER	11	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427320
Whitehorse	YF47262	CARTER	12	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427321
Whitehorse	YF47263	CARTER	13	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427322
Whitehorse	YF47264	CARTER	14	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427323
Whitehorse	YF47265	CARTER	15	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427324
Whitehorse	YF47266	CARTER	16	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427325
Whitehorse	YF47267	CARTER	17	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427326
Whitehorse	YF47268	CARTER	18	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427327
Whitehorse	YF47269	CARTER	19	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427328
Whitehorse	YF47270	CARTER	20	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427329
Whitehorse	YF47271	CARTER	21	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427330
Whitehorse	YF47272	CARTER	22	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427331
Whitehorse	YF47273	CARTER	23	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427332
Whitehorse	YF47274	CARTER	24	Nicolai Goepfel - 100%	2015-11-14	2016-11-17	Active	105D09	1500427333

## Previous History

From previous exploration, several hand dug pits have been noted in the area and are believed to predate the gold rush. First recorded work in the specific area was done by Dupoint who staked and conducted limited soils and mapping on the "Into" claims. Most significant work was done in 1993 by Brian Carter prospected the area and collected 39 rock sample with 13 producing above 100 ppb up to 4.275 g/t Au. In 1995 Tom Heah, geologist from Kennecott visited the property and collected two samples one with 19.2 g/t and 31.3 g/t Au. Later that year Carl Schulze acting as a geologist for Hemlo Gold Mines Inc. visited the property and collected 9 samples with 5 returning strongly anomalous gold, including 6.45 g/t, 3.95 g/t, 14.96 g/t, 36.76 g/t, and 63.55 g/t.

More recently, claims were held by Ron Berdahl who between 2003 and 2009 conducted soil sampling, prospecting, magnetic and VLF surveys, immediately north of the Carter Claims. This produced several strongly elevated soils including up to 251.4 ppb Au, and anomalous As, Cu and Pb. The Magnetics picked up an anomaly near Peppy visible gold showing. Based off of previously recorded exploration work by Brian Carter which indicates various styles of lode gold mineralization present. Steatization of ultramafics and subductile shear zones are analogous to listwanite mineralization. Several rhyolite and andesitic dykes have been recorded to show signs of alteration and return values up to 1.3 g/t Au, clay altered tuff returned up to 981 ppb Au. Alternate samples taken from veins in silt stone returned up to 6.67 g/t Au. Yet most notable values of 141.42 g/t and 63.55 g/t are from unsourced large angular quartz float.

## Regional Geology

The project area is underlain by Upper Triassic Stikina terrane and Jurassic rocks of the Whitehorse trough in a thrust contact with Mid Triassic Cache Creek ophiolitic terrane to the east. The sequence is intruded by a Cretaceous granodiorite pluton and Paleocene rhyolitic dikes (Figure 3).

## 2016 Exploration

A two day heli-supported exploration program was carried out September 23<sup>rd</sup> and 24<sup>th</sup> consisting of a four-person crew. A R44 helicopter based out of Whitehorse was used to access the claim block, supplies from a nearby staging location was ferried up for camp. Prospecting was carried across the property in the alpine reaches and below tree level. Exposure was limited by veneer of glacial till and recessive weathering.

Prospecting focused on an airborne regional aeromagnetic anomaly that is bordered by gold-in-silt RGS anomalies (Figures 4 through 7). A linear aeromagnetic low is apparent for over 3 miles and may represent a large hydrothermally altered fault. Lode gold veins are structurally hosted and controlled systems in all cases; therefore, the linear nature of the anomaly is of particular interest.

The most significant find was a 2 meter wide quartz vein that returned up to 1.67 g/t Au, 7 g/t Ag, 0.18 % Pb and 394 ppm Zn. Localized quartz float around the vein exposure contained blebs of galena and arsenopyrite. A small exposure of quartz stockwork with limonitic fractures in altered argillite presumably near the granite contact returned 0.56 g/t Au, approximately 50m away from the vein. Hand trenching using geo tools exposed the 2m wide exposure of quartz veining with off shooting veins. Veins continue under over burden and are located centre of geophysics anomaly. Other samples collected included listwanite float, altered granodiorite with disseminated pyrite-pyrrhotite and veins with minor malachite staining. Figure 10 outline 2016 prospecting tracks and sample locations. See figure 9 for table of sample locations and descriptions.

A total of ten rock samples were taken. Samples were submitted to ALS Global in Vancouver, BC, which is ISO accredited. Rock samples are crushed to 70% less than 2 millimetres, and a 250 gram sample is split with a riffle splitter. The split is pulverized to 85 per cent less than 75 microns, and 30 gram charges are then assayed for gold using fire assay fusion and ICP-ES finish with a lower detection limit of 1 ppb, and an upper detection limit of 10 ppm Au.

## Expenditures

### Personnel

Task	Day Rate	Number of Days	Total
Geologist	\$400	2	\$800.00
Prospector / Sampler	\$350	2 X 3 persons	\$2100.00
		<b>Subtotal</b>	<b>\$2900.00</b>

### Gear and Transportation

Task	Rate	Number of Days / Hours	Total
Truck	Whitehorse to McClintock River Area \$50 per day (102km)	2 days	\$100.00
Daily Expenses	\$100 per day per person	2 x 4 people	\$800.00
Helicopter R44	\$925.00 (wet)	1.9 hours	\$1845.38
		<b>Subtotal</b>	<b>\$2745.38</b>

### Analytical

Sample Type	Number of Samples	Cost per sample
Rock	10	\$41.99
	<b>Subtotal</b>	<b>\$419.90</b>

### Total Costs

Personnel	\$2900.00
Gear and Transportation	\$2745.38
Analytical	\$419.90
<b>Total</b>	<b>\$6065.28</b>

The total expenditures for the 2016 exploration program is \$6065.28.

## **Conclusion and Recommendations**

The most significant mineralization observed in 2016 was the discovery of a greater than 2m wide quartz vein exposure that spatially associated with an extensive regional geophysical anomaly. Limited sampling produced 1.67 g/t Au from sampled vein material and 0.56 g/t Au from quartz stockwork, 50 meters away. The discovery is encouraging and follow up work is recommended.

Bedrock exposure is limited on the property; therefore, future work would consist of ground VLF or magnetics geophysical survey to further delineate the anomaly seen in regional geophysics. Soil sampling lines would be setup perpendicular to linear anomaly and at a closer interval cover the area of Au mineralization outlined in 2016 (Figure 8). The soil sampling and ground geophysics would serve as a precursor to aid a second phase of trenching and channel or chip sampling.

## Statement of Qualifications

### Nicolai Goepfel

I Nicolai Goepfel am a local Yukon prospector/geologist and owner to Higher Ground Exploration Services. I'm born and raised in the Yukon with placer roots in the Freegold Mountain area near Carmacks. Earliest geology-related work includes two field seasons with the Yukon Geological Survey and three years as senior project manager at All-In Explorations. More recently includes managing multiple placer and hard rock projects for Midnight Mining Services and alternate exploration companies. In the last seven field season I've worked in the Marsh Lake area extensively and through the Yukon on multiple different hard rock projects. I've encountered and worked in skarn, porphyry, epithermal and intrusive related vein systems, vms, magmatic Cu-Ni mineralization, and Carlin as well other types of mineralization for various commodities. Recent work includes on Copper North, STU, and various occurrences in the Freegold area; in addition, visited various porphyry and epithermal deposits in Chile and Bolivia, including Chuquicamata. This includes work in Newfoundland, in a Neoproterozoic epithermal belt also where I completed a BSc in Earth Sciences at Memorial University in December 2014.

## Reference

- Ash, C.H. and Arksey, R.L., 1990. The Atlin ultramafic allochthon: ophiolitic basement within the Cache Creek terrane; tectonic and metallogenic significance (104N/12). BCGS Geological Fieldwork 1989, p. 365-374.
- Carter, Brian, 1995. Prospecting and Geochemical Assessment Report, CG Claims 1-14, 1518, Carter Gulch Claims 1-2.
- Colpron, M., 2011. Geological compilation of Whitehorse trough - Whitehorse (105D), Lake Laberge (105E), and part of Carmacks (115I), Glenlyon (105L), Aishihik Lake (115H), Quiet Lake (105F) and Teslin (105C). Yukon Geological Survey, Geoscience Map 2011-1, 1:250 000
- Davidson, G., 1995. Prospecting and Geochemical Survey, Mt. Michie Assessment Report for R. Hamel.
- Rushant, G., 1992. Prospecting in the Michie Creek Area, 105D/9. Yukon Mining Incentives Program, #92-048.
- Tindale, J. L., B.Sc., 1968. Airborne Electromagnetic and Magnetometer Survey in the Marsh Lake Area.
- Wheeler, J. O., 1961. Memoir 312: Whitehorse Map Area, Yukon Territory, 105D. Geological Survey of Canada.

# Appendix

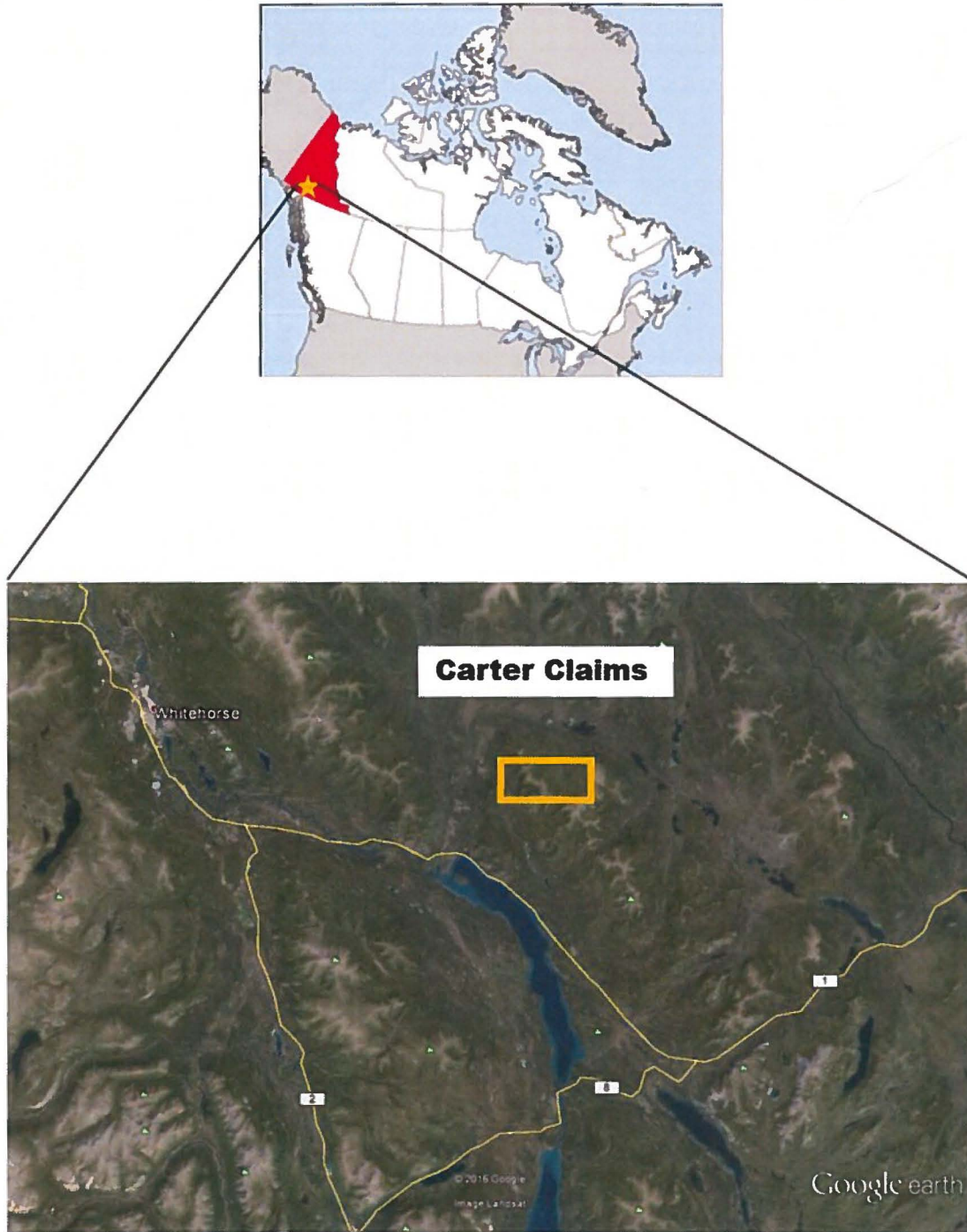


Figure 1. Location

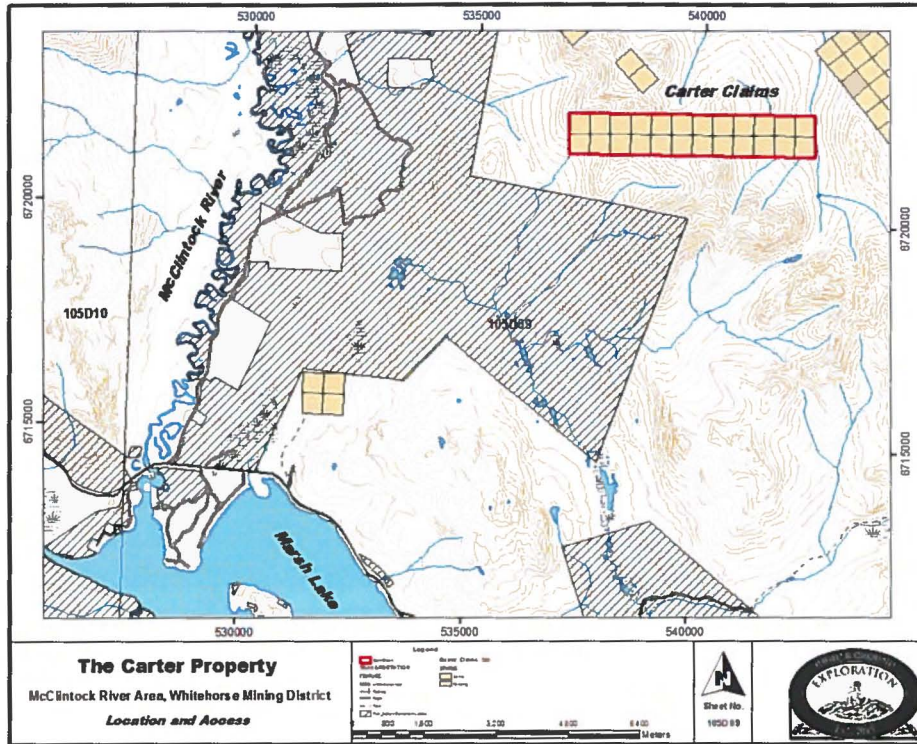


Figure 2. Location and access.

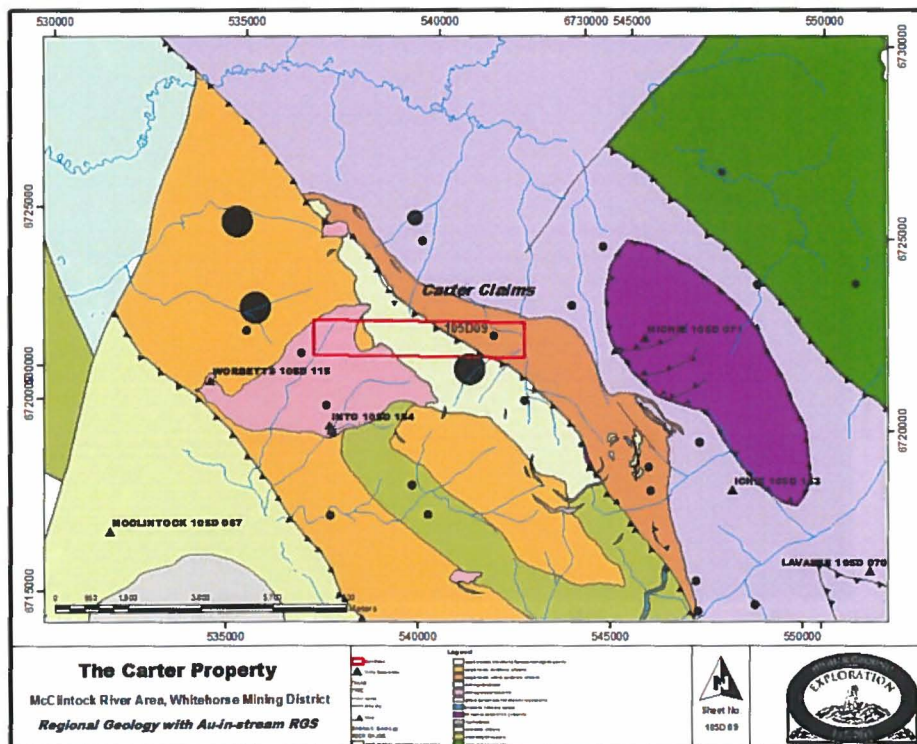


Figure 3. Geology and Au-in-silt RGS, anomalous values range from 20 ppb to 60 ppb.

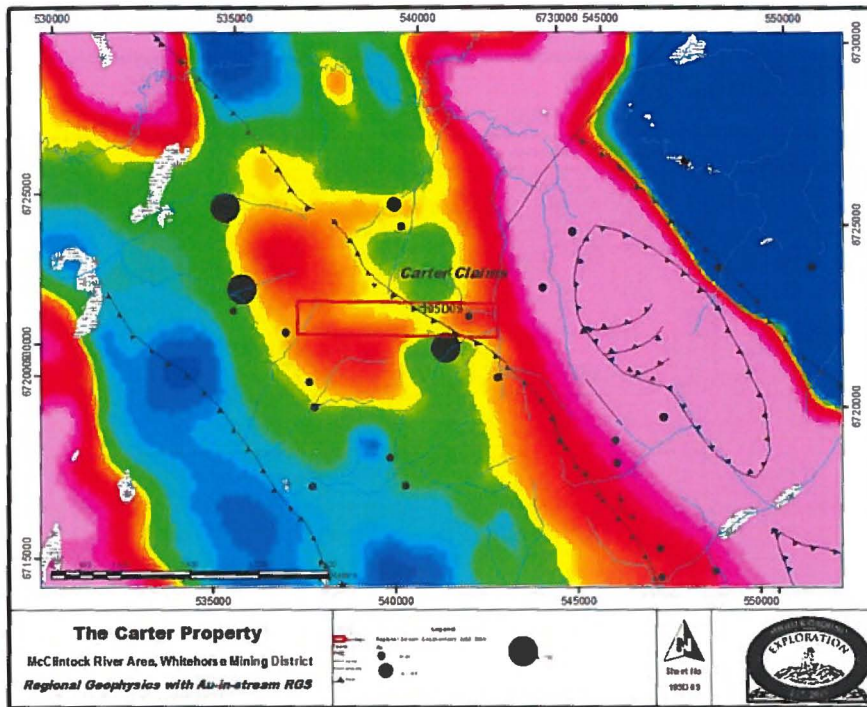


Figure 4. Regional total magnetic field airborne geophysics and Au-in-silt RGS, anomalous values range from 20 ppb to 60 ppb.

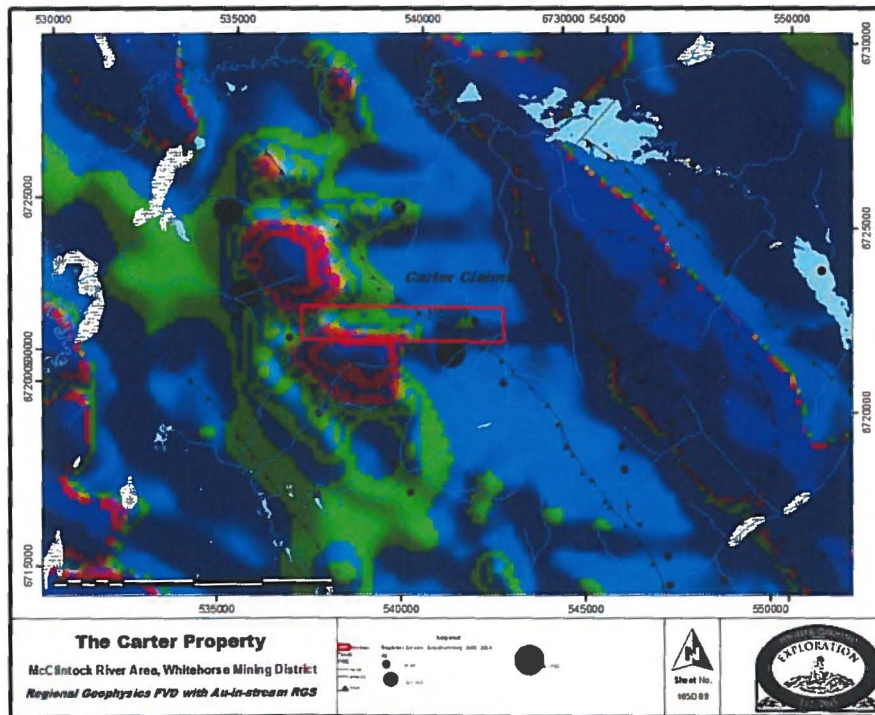


Figure 5. Regional first vertical derivative airborne geophysics and Au-in-silt RGS, anomalous values range from 20 ppb to 60 pp

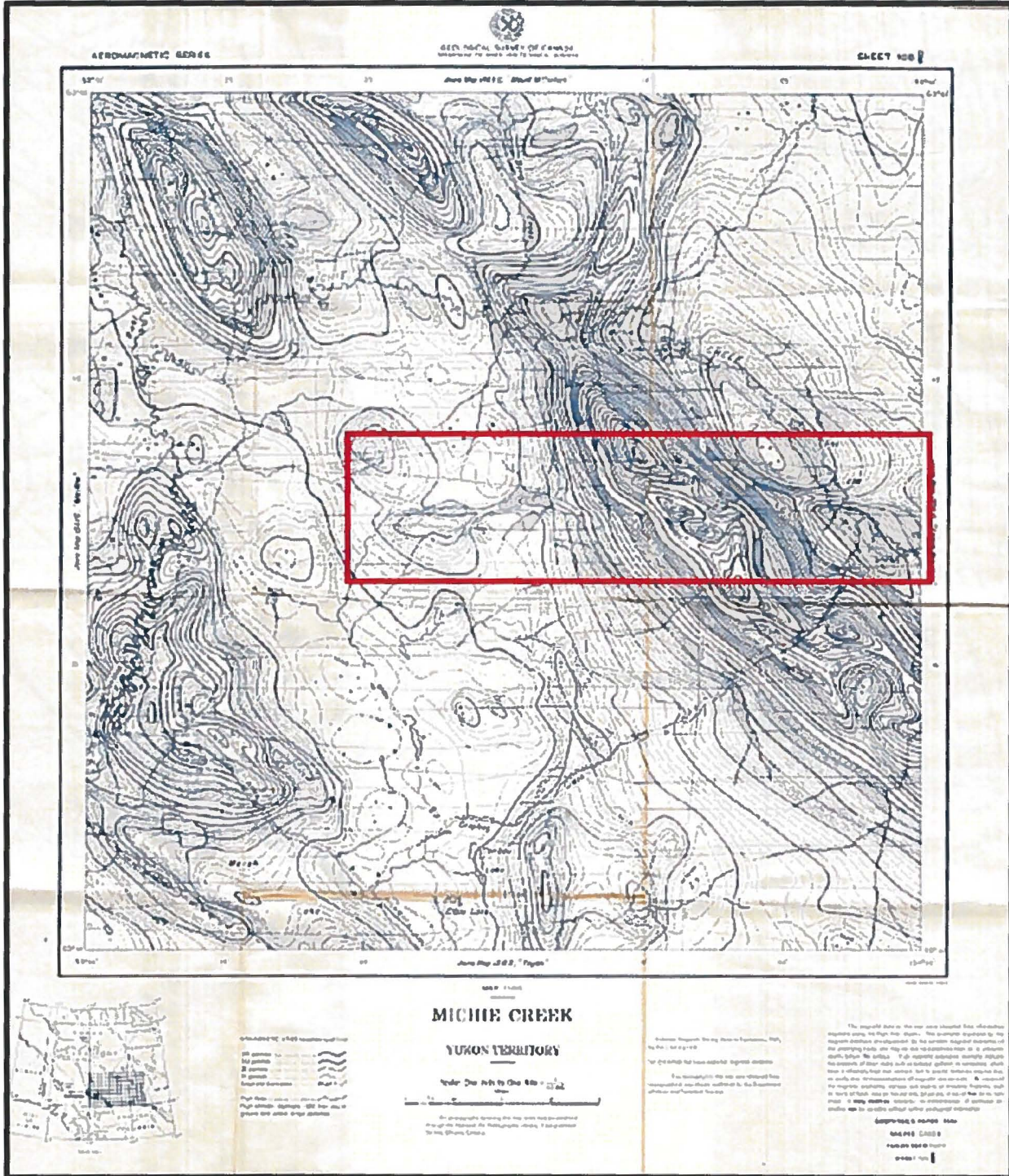


Figure 6. Geology over regional total magnetic field and outline around anomaly.

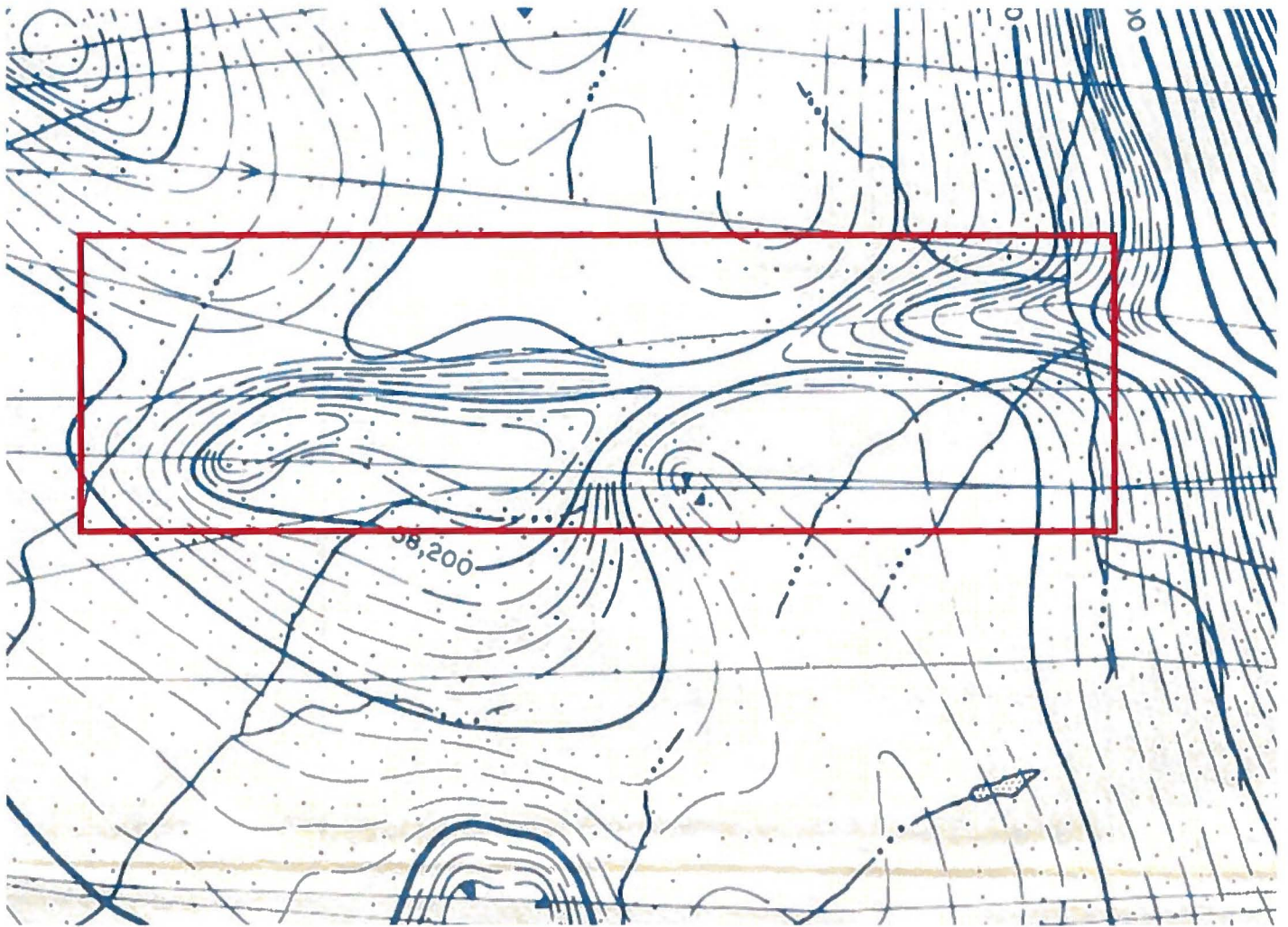


Figure 7. Close up on magnetics anomaly and approximation of claim block.

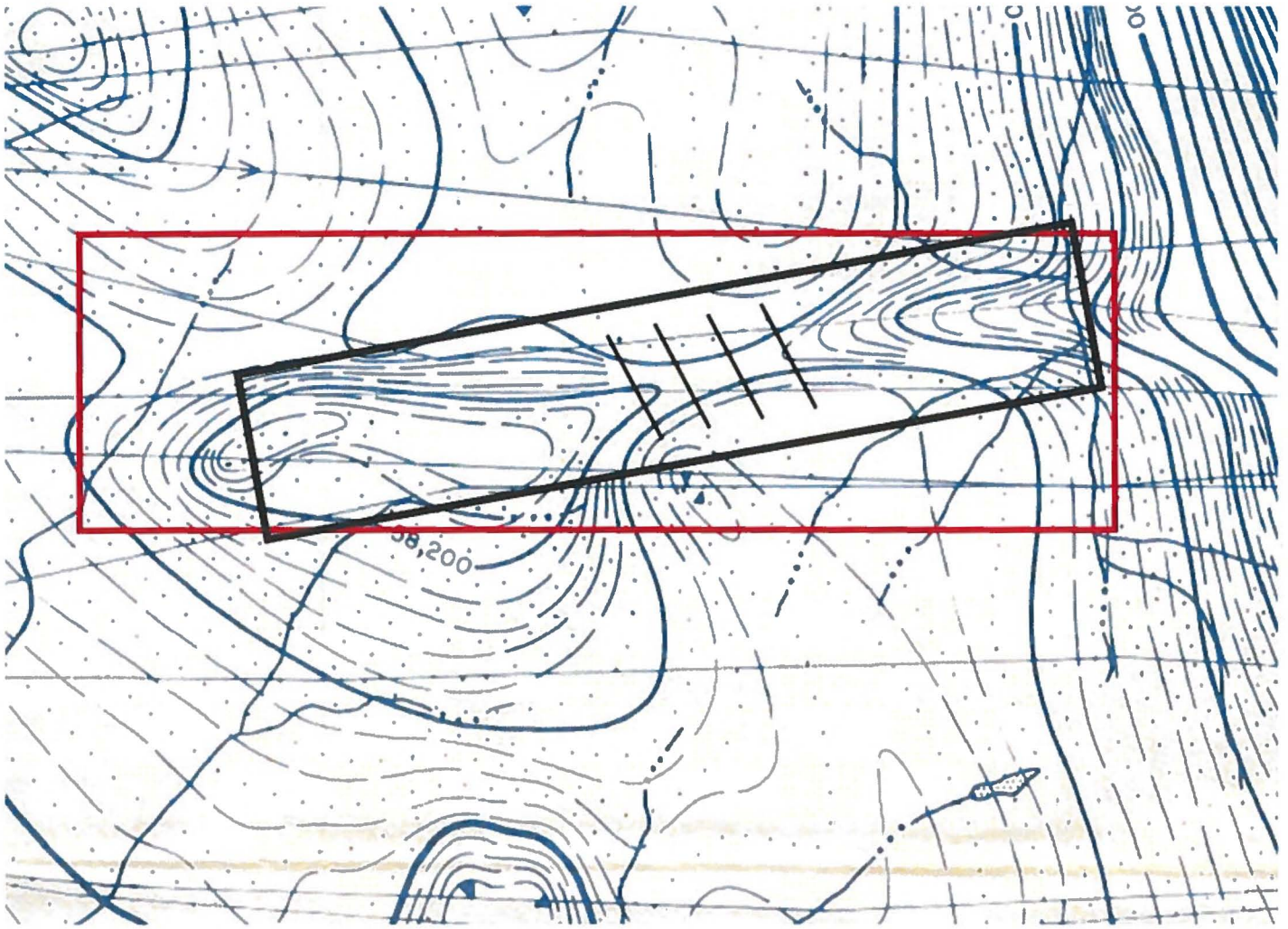
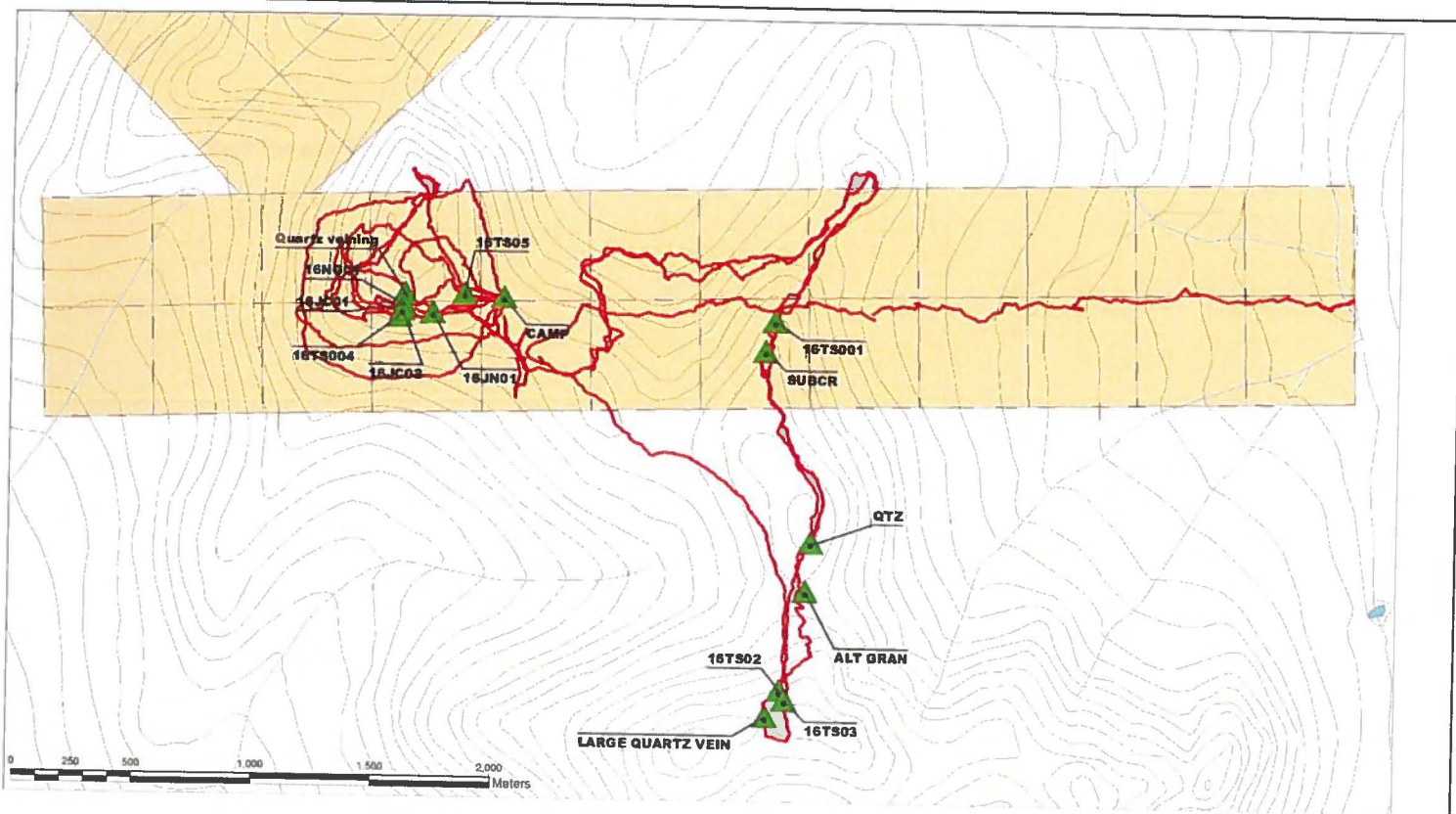


Figure 8. Close up on 1962 magnetics anomaly and approximation of claim block (red), location of magnetometer survey (black rectangle), and approximate orientation of soil sampling lines (black lines).

Sample ID	Easting	Northing	Description
16NG01	538507	6721902	1m wide chip sample across 2m wide exposure of granular quartz vein with minor oxidized fractures
16NG02	538507	6721902	1m wide chip sample across 2m wide exposure of granular quartz vein with minor oxidized fractures
16TS01	540057	6721855	sample from subcrop altered biotite granodiorite oxidized weathering with disseminated pyrrhotite
16TS02	540096	6720320	Local talus sample of quartz stockwork with limonitic pits and vugs. Minor malachite and remnant silvery sulphide
16TS03	540119	6720279	Float of hydrothermal quartz breccia with dark chalcedonic quartz and minor malachite staining.
16TS04	538488	6721856	Quartz stockwork in altered pyritic argillite with granular veins up to 6 inches wide.
16TS05	538759	6721955	Quartz with limonitic fractures
16JC01	538507	6721902	Quartz vein material, brecciated and recemented.
16JC02	538500	6721882	Granular quartz vein material with blebs of galena and pyrite.
16JN01	538630	6721873	Listwanite altered float, fuchsite and magnesite.

Figure 9. Sample locations and descriptions



**The Carter Property**

McClintock River Area, Whitehorse Mining District

**Legend**

- ▲ Sample Locations
- Tracks
- Quartz Claims



Sheet No. 165D 06  
Nad 83, Zone 2

Figure 10. Tracks and sample locations

## Appendix II

See attached for additional assay certificates and receipts



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: HIGHER GROUND EXPLORATION SERVICES  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

Page: 1  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 27- OCT- 2016  
 This copy reported on  
 28- OCT- 2016  
 Account: HIGREX

**CERTIFICATE WH16169206**

Project: Carter

This report is for 10 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- OCT- 2016.

The following have access to data associated with this certificate:

NICOLAI GOEPEL

MAIN OFFICE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WE- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES

To: HIGHER GROUND EXPLORATION SERVICES  
 ATTN: NICOLAI GOEPEL  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

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 Pamshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: HIGHER GROUND EXPLORATION SERVICES  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 27- OCT- 2016  
 Account: HIGREX

Project: Carter

**CERTIFICATE OF ANALYSIS WH16169206**

Sample Description	Method Analyte Units LOR	WE- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
16TS01		1.62	0.007	<0.2	0.72	<2	<10	280	<0.5	<2	0.29	<0.5	4	11	38	1.93
16TS02		1.26	0.159	0.2	0.07	20	<10	20	<0.5	<2	1.85	0.7	3	17	317	0.96
16TS03		1.59	<0.001	<0.2	0.01	<2	<10	<10	<0.5	<2	1.87	<0.5	4	78	2	0.81
16TS04		1.97	0.563	0.8	1.73	19	<10	80	<0.5	<2	1.17	0.8	4	52	76	1.42
16TS05		1.88	<0.001	<0.2	0.03	2	<10	30	<0.5	<2	0.01	<0.5	<1	23	4	0.38
16NG01		3.03	0.004	<0.2	0.23	9	<10	30	<0.5	<2	0.14	<0.5	2	17	14	0.45
16NG02		2.17	<0.001	<0.2	0.13	24	<10	30	<0.5	<2	0.06	<0.5	2	20	9	0.43
JC001		2.20	0.120	7.0	0.04	7	<10	<10	<0.5	3	0.01	0.6	1	20	68	0.33
JC002		1.57	1.670	1.2	1.75	54	<10	60	0.5	<2	0.76	0.9	11	47	146	2.11
JN1601		2.43	0.001	<0.2	0.16	6	<10	10	<0.5	<2	1.18	<0.5	36	120	2	3.37



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: HIGHER GROUND EXPLORATION SERVICES  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 27- OCT- 2016  
 Account: HIGREX

Project: Carter

**CERTIFICATE OF ANALYSIS WH16169206**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Str
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
16TS01		<10	<1	0.44	20	0.41	134	1	0.11	3	720	7	0.42	2	1	20
16TS02		<10	1	0.01	<10	0.26	176	<1	0.04	19	480	3	0.02	179	1	37
16TS03		<10	<1	<0.01	<10	9.71	132	<1	<0.01	114	10	<2	0.01	<2	1	173
16TS04		<10	<1	0.35	<10	0.41	165	1	0.06	14	1430	42	0.16	2	4	177
16TS05		<10	<1	0.02	<10	0.02	158	<1	<0.01	4	20	8	<0.01	<2	<1	1
16NG01		<10	<1	0.04	<10	0.09	117	<1	0.02	5	160	9	<0.01	<2	1	30
16NG02		<10	<1	0.02	<10	0.06	108	<1	0.01	3	90	6	<0.01	<2	<1	13
JC001		<10	<1	0.01	<10	0.02	44	6	<0.01	1	30	1825	0.01	2	<1	2
JC002		10	<1	0.41	<10	0.41	205	3	0.07	33	290	32	0.60	<2	5	100
JN1601		<10	<1	0.03	<10	9.59	668	<1	0.06	780	20	4	<0.01	2	3	44



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: HIGHER GROUND EXPLORATION SERVICES  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 27- OCT- 2016  
 Account: HIGREX

Project: Carter

CERTIFICATE OF ANALYSIS WH16169206

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
16TS01		<20	0.16	<10	<10	26	<10	22
16TS02		<20	<0.01	<10	<10	3	<10	87
16TS03		<20	<0.01	<10	<10	4	<10	4
16TS04		<20	0.07	<10	<10	49	10	104
16TS05		<20	<0.01	<10	<10	1	<10	29
16NG01		<20	0.01	<10	<10	8	<10	23
16NG02		<20	0.01	<10	<10	5	<10	15
JC001		<20	<0.01	<10	<10	2	<10	394
JC002		<20	0.06	<10	<10	76	<10	329
JN1601		<20	<0.01	<10	<10	6	<10	20



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: HIGHER GROUND EXPLORATION SERVICES  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 27- OCT- 2016  
 Account: HIGREX

Project: Carter

CERTIFICATE OF ANALYSIS WH16169206

	CERTIFICATE COMMENTS								
	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Whitehorse located at 78 Mt. Sma Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">CRU- 31</td> <td style="width: 25%;">CRU- QC</td> <td style="width: 25%;">LOG- 22</td> <td style="width: 25%;">FUL- 31</td> </tr> <tr> <td>FUL- QC</td> <td>SPL- 21</td> <td>WE- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 22	FUL- 31	FUL- QC	SPL- 21	WE- 21	
CRU- 31	CRU- QC	LOG- 22	FUL- 31						
FUL- QC	SPL- 21	WE- 21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Au- ICP21</td> <td style="width: 50%;">ME- ICP41</td> </tr> </table>	Au- ICP21	ME- ICP41						
Au- ICP21	ME- ICP41								



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218 www.alsglobal.com

To: HIGHER GROUND EXPLORATION SERVICES  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

INVOICE NUMBER 3703502

BILLING INFORMATION	
Certificate:	WH16169206
Sample Type:	Rock
Account:	HIGREX
Date:	27- OCT- 2016
Project:	Carter
P.O. No.:	
Quote:	
Terms:	Due on Receipt <span style="float: right;">C2</span>
Comments:	

QUANTITY	CODE	ANALYSED FOR		UNIT PRICE	TOTAL
		-	DESCRIPTION		
1	BAT-01	-	Administration Fee	33.10	33.10
10	PREP-31	-	Crush, Split, Pulverize	7.45	74.50
19.72	PREP-31	-	Weight Charge (kg) - Crush, Split, Pulverize	0.70	13.80
10	Au-ICP21	-	Au 30g FA ICP- AES Finish	16.70	167.00
10	ME-ICP41	-	35 Element Aqua Regia ICP- AES	11.15	111.50

SUBTOTAL (CAD)	\$	399.90
R100938885 GST	\$	20.00
<b>TOTAL PAYABLE (CAD)</b>	<b>\$</b>	<b><u>419.90</u></b>

To: HIGHER GROUND EXPLORATION SERVICES  
 ATTN: NICOLAI GOEPPLE  
 609 DRURY ST.  
 WHITEHORSE YT Y1A 1T6

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SMFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098  
 Please send payment info to [accounting.canusa@alsglobal.com](mailto:accounting.canusa@alsglobal.com)

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

# **CAPITAL HELICOPTERS (1995) INC.**

Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 0M7  
 Phone: (867) 668-6200 Fax: (867) 668-6201  
 capitalheli@northwestel.net  
 www.capitalhelicopters.com



**Charter and  
Contract Service**

## INVOICE

NO. 12614

DATE 26/09/2016

PAGE 1 of 1

OLD  
TO

Higher Ground Exploration Services  
 609 Drury Street  
 Whitehorse, Yukon Y1A 1T6

SHIP  
TO

Higher Ground Exploration Services  
 609 Drury Street  
 Whitehorse, Yukon Y1A 1T6

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT	
Sept 23	1.0	hrs	YXY-Mitchie Lake Area s/o 3 pax-camp-staging-d/o 1	G		925.00	925.00	
Sept 24	0.9	hrs	camp-staging (fuel)-YXY YXY-Mitchie Lake area-p/u-YXY * WET RATE	G		925.00	832.50	
			G - GST 5.00% GST				87.88	
Capital Helicopters (1995) Inc. GST: #899587984								
Confidential Contract - Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax								1,845.38
<b>COMMENTS</b>							<b>TOTAL ↓</b>	